CONSTRUCTION CONTRACT NO.

COMPONENTS OF CONTRACT PLANS SET

ROADWAY PLANS
SIGNING AND PAVEMENT MARKING PLANS
SIGNALIZATION PLANS
INTELLIGENT TRANSPORTATION SYSTEMS PLANS
LIGHTING PLANS
STRUCTURES PLANS

A DETAILED INDEX APPEARS ON THE
KEY SHEET OF EACH COMPONENT

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
3-14	SUMMARY OF PAY ITEMS
15-20	DRAINAGE MAPS
21-31	TYPICAL SECTIONS
SQ-1 - SQ-66	SUMMARY OF QUANTITIES
32-39	SUMMARY OF DRAINAGE STRUCTURES
40-41	OPTIONAL MATERIALS
42-45	PROJECT LAYOUT
46	REFERENCE TIES
47-74	ROADWAY PLAN SHEETS
75-107	ROADWAY PROFILE SHEETS
108-109	ROADWAY PLAN & PROFILE
110	BACK OF SIDEWALK PLAN & PROFILE
111-113	SPECIAL PROFILES
114-115	GORE DETAILS
116-118	INTERSECTION DETAILS
119	CUL-DE-SAC DETAIL
120-173	DRAINAGE STRUCTURES
174	DRAINAGE DETAILS
175-179	SPECIAL DETAILS
180-187	POND DETAILS
188-196	ROADWAY SOIL SURVEY
197-430	ROADWAY CROSS SECTIONS
431-488	POND CROSS SECTIONS
489-490	STORMWATER POLLUTION PREVENTION PLAN
491	TEMPORARY TRAFFIC CONTROL GENERAL NOTES
492-497	TEMPORARY TRAFFIC CONTROL TYPICAL SECTIONS
498	TEMPORARY TRAFFIC CONTROL DIVERSION LAYOUT
499-525	TEMPORARY TRAFFIC CONTROL PLANS
526-552	TEMPORARY TRAFFIC CONTROL CROSS SECTIONS
553-554	TEMPORARY TRAFFIC CONTROL TEMPORARY SIGNALIZATION
555-559	TEMPORARY TRAFFIC CONTROL DETOUR PLAN
560	TEMPORARY TRAFFIC CONTROL SPECIAL DETAIL
561-588	UTILITY ADJUSTMENTS

LIST OF REVISED INDEX DRAWINGS

INDEX NO.	SHEET DESCRIPTION
400	1-22 OF 22
410	2,10, 16-18, OF 25
411	6 OF 10

GOVERNING STANDARDS AND SPECIFICATIONS:

Florida Department of Transportation, 2016 Design Standards and revised Index Drawings as appended herein, and July 2016 Standard Specifications for Road and Bridge Construction, as amended by Contract Documents.

For Design Standards click on the "Design Standards" link at the following web site:
http://www.dot.state.fl.us/rddesign/

For the Standard Specifications for Road and Bridge Construction click on the "Specifications" link at the following web site:
http://www.dot.state.fl.us/programmanagement/

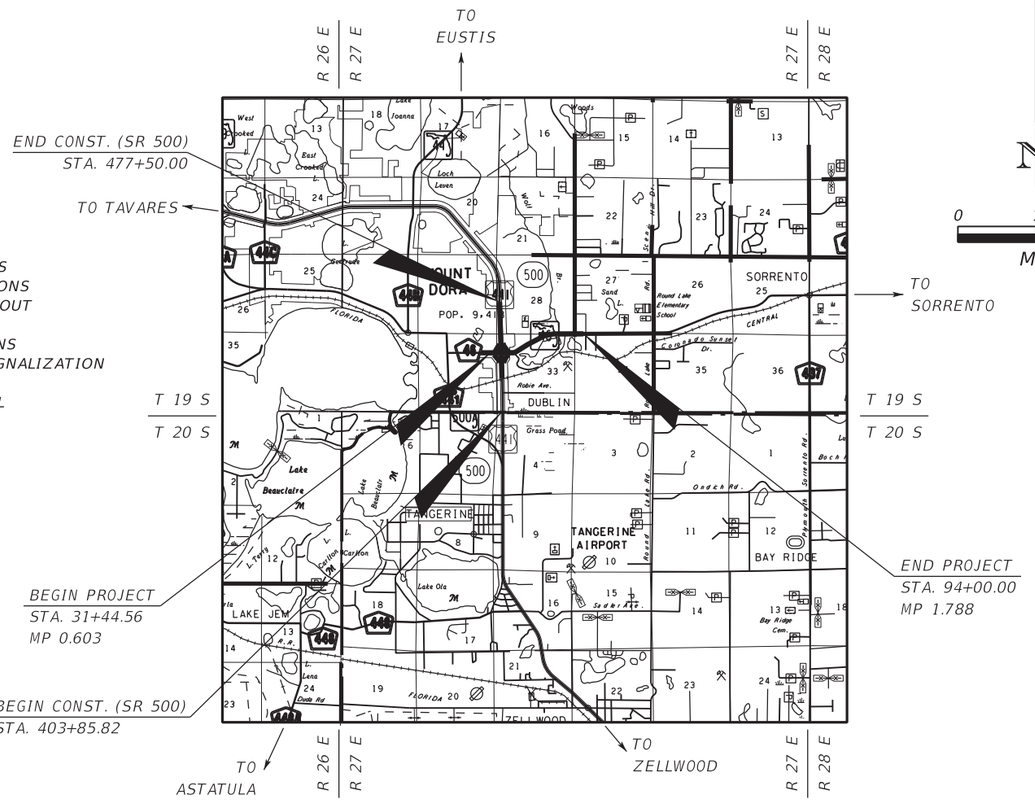
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

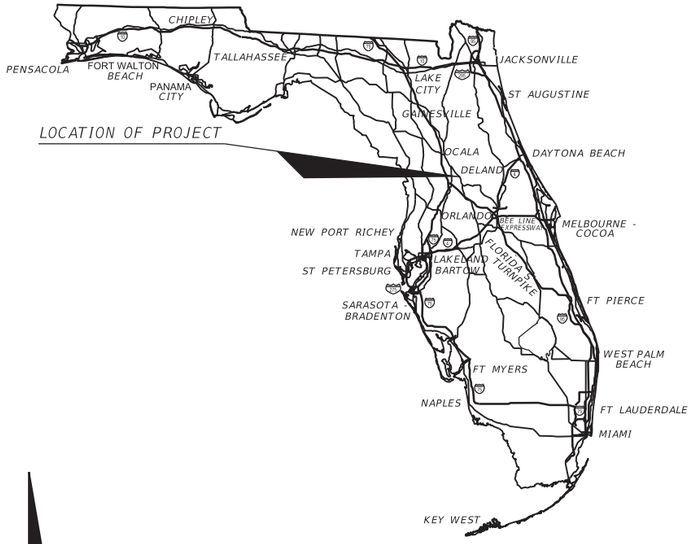
CONTRACT PLANS

FINANCIAL PROJECT ID 238275-2-52-01

LAKE COUNTY (11130)

STATE ROAD NO. 46





N

0 1 2
Miles

PROJECT LENGTH IS BASED ON ℄ OF CONSTRUCTION ON SR 46

LENGTH OF PROJECT

	LINEAR FEET	MILES
ROADWAY	6255.44	1.185
BRIDGES		
NET LENGTH OF PROJECT	6255.44	1.185
EXCEPTIONS		
GROSS LENGTH OF PROJECT	6255.44	1.185

FDOT PROJECT MANAGER: MEDHAT HASSAN, P.E.

KEY SHEET REVISIONS

DATE	DESCRIPTION

ROADWAY SHOP DRAWINGS
TO BE SUBMITTED TO:

JEFFREY A. MESSENGER, P.E.
MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE. 371
LAKE MARY, FL 32746

PLANS PREPARED BY:

MOFFATT & NICHOL
1025 GREENWOOD BLVD, SUITE 371
LAKE MARY, FL 32746
PHONE: (407) 562-2030
FAX: (407) 562-2031
CONTRACT NO.: C9862
VENDOR ID.: F951951343001
CERT. OF AUTH. NO.: 4877

NOTE: THE SCALE OF THESE PLANS MAY HAVE CHANGED DUE TO REPRODUCTION.

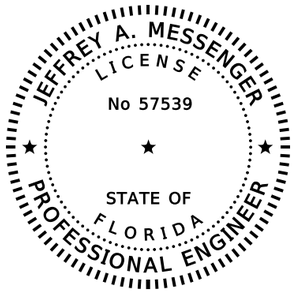
NOTE: THIS PROJECT TO BE LET TO CONTRACT WITH FINANCIAL PROJECT ID 238275-3-52-01

PLANS UPDATE
3/24/2016

ROADWAY PLANS
ENGINEER OF RECORD: JEFFREY A. MESSENGER, P.E.

P.E. NO.: 57539

FISCAL YEAR	SHEET NO.
17	1



THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:

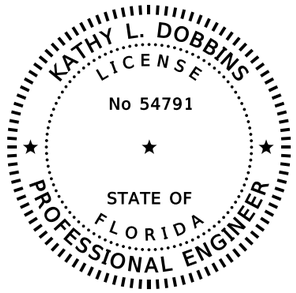
PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED. THE SIGNATURE MUST BE VERIFIED ON THE ELECTRONIC DOCUMENTS.

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
CERTIFICATE OF AUTHORIZATION: 4877
JEFFREY A. MESSENGER, PE NO. 57539

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
3-14	SUMMARY OF PAY ITEMS
21-31	TYPICAL SECTIONS
SQ-1 - SQ-3	SUMMARY OF QUANTITIES
SQ-8 - SQ-40	SUMMARY OF QUANTITIES
SQ-42 - SQ-53	SUMMARY OF QUANTITIES
SQ-55 - SQ-66	SUMMARY OF QUANTITIES
42-44	PROJECT LAYOUT
45	REFERENCE TIES
47-74	ROADWAY PLAN SHEETS
75-107	ROADWAY PROFILE SHEETS
108-109	ROADWAY PLAN & PROFILE
110	BACK OF SIDEWALK PLAN & PROFILE
111-113	SPECIAL PROFILES
114-115	GORE DETAILS
116-118	INTERSECTION DETAILS
119	CUL-DE-SAC DETAIL
175-179	SPECIAL DETAILS
197-430	ROADWAY CROSS SECTIONS
491	TEMPORARY TRAFFIC CONTROL GENERAL NOTES
492-497	TEMPORARY TRAFFIC CONTROL TYPICAL SECTIONS
498	TEMPORARY TRAFFIC CONTROL DIVERSION LAYOUT
499-525	TEMPORARY TRAFFIC CONTROL PLANS
526-552	TEMPORARY TRAFFIC CONTROL CROSS SECTIONS
555-559	TEMPORARY TRAFFIC CONTROL DETOUR PLAN
560	TEMPORARY TRAFFIC CONTROL SPECIAL DETAIL
561-588	UTILITY ADJUSTMENTS



THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:

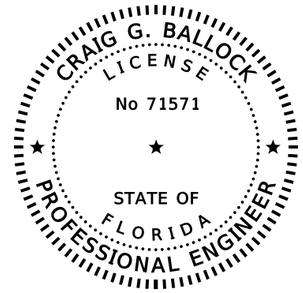
PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED. THE SIGNATURE MUST BE VERIFIED ON THE ELECTRONIC DOCUMENTS.

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
CERTIFICATE OF AUTHORIZATION: 4877
KATHY L. DOBBINS, PE NO. 54791

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
2	SIGNATURE SHEET
15-20	DRAINAGE MAPS
SQ-4 - SQ-7	SUMMARY OF QUANTITIES
SQ-41, SQ-54	SUMMARY OF QUANTITIES
32-39	SUMMARY OF DRAINAGE STRUCTURES
40-41	OPTIONAL MATERIALS
120-173	DRAINAGE STRUCTURES
174	DRAINAGE DETAILS
180-187	POND DETAILS
431-488	POND CROSS SECTIONS
489-490	STORMWATER POLLUTION PREVENTION PLAN



THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:

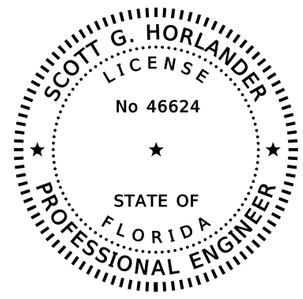
PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED. THE SIGNATURE MUST BE VERIFIED ON THE ELECTRONIC DOCUMENTS.

GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS, INC. (GEC)
919 LAKE BALDWIN LANE
ORLANDO, FL 32814
CERTIFICATE OF AUTHORIZATION: 5882
CRAIG G. BALLOCK, PE NO. 71571

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
2	SIGNATURE SHEET
188-196	ROADWAY SOIL SURVEY



THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED. THE SIGNATURE MUST BE VERIFIED ON THE ELECTRONIC DOCUMENTS.

PROTEAN DESIGN GROUP
100 EAST PINE STREET, SUITE 600
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION: 7865
SCOTT G. HORLANDER, PE NO. 46624

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
2	SIGNATURE SHEET
553-554	TEMPORARY TRAFFIC CONTROL TEMPORARY SIGNALIZATION

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEFFREY A. MESSENGER
MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SIGNATURE SHEET

SHEET NO. 2

FLORIDA DEPARTMENT OF TRANSPORTATION
PROJECT SUMMARY OF PAY ITEMS
FOR PROJECT: 238275-2-52-01

LEAD PROJECT : 238275-2-52-01 | DISTRICT : 05 | COUNTY/SECTION : 11130000

PROJECT(S) : 23827525201A | COUNTY : LAKE

0200 SUMMARY OF ROADWAY

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201A	QUANTITY TOTAL
		0101- 1-	MOBILIZATION	LS	1.000	1.000
		0102- 1-	MAINTENANCE OF TRAFFIC	(LS)	1.000	1.000
		0102- 2- 1	SPECIAL DETOUR 1	LS	1.000	1.000
		0102- 2- 2	SPECIAL DETOUR 2	LS	1.000	1.000
		0102- 2- 3	SPECIAL DETOUR 3	LS	1.000	1.000
		0102- 2- 4	SPECIAL DETOUR 4	LS	1.000	1.000
		0102- 2- 5	SPECIAL DETOUR 5	LS	1.000	1.000
		0102- 2- 6	SPECIAL DETOUR 6	LS	1.000	1.000
		0102- 2- 7	SPECIAL DETOUR 7	LS	1.000	1.000
		0102- 2- 8	SPECIAL DETOUR 8	LS	1.000	1.000
		0102- 60-	WORK ZONE SIGN	ED	18665.000	18665.000
		0102- 71- 11	BARRIER WALL, TEMPORARY, F&I, CONCRETE	LF	809.000	809.000
		0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	330109.000	330109.000
		0102- 74- 2	CHANNELIZING DEVICE, TYPE III, 6'	ED	6490.000	6490.000
		0102- 89- 1	TEMPORARY CRASH CUSHION, REDIRECTIVE OPTION	LO	6.000	6.000
		0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	140.000	140.000
		0102-104-	TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION	ED	660.000	660.000
		0102-107- 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION	ED	660.000	660.000
		0104- 10- 3	SEDIMENT BARRIER	LF	12701.000	12701.000
		0104- 11-	FLOATING TURBIDITY BARRIER	LF	787.000	787.000
		0104- 15-	SOIL TRACKING PREVENTION DEVICE	EA	4.000	4.000
		0104- 18-	INLET PROTECTION SYSTEM	EA	135.000	135.000
		0107- 1-	LITTER REMOVAL	AC	2882.690 N	2882.690
		0107- 2-	MOWING	AC	950.330 N	950.330
		0110- 1- 1	CLEARING & GRUBBING	(LS)	1.000	1.000
		0110- 4-	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	10262.000	10262.000
		0120- 1-	REGULAR EXCAVATION	CY	528253.000	528253.000
		0120- 4-	SUBSOIL EXCAVATION	CY	59110.000	59110.000
		0120- 6-	EMBANKMENT	CY	307802.000	307802.000
		0160- 4-	TYPE B STABILIZATION	SY	104600.000	104600.000
		0162- 1- 11	PREPARED SOIL LAYER, FINISH SOIL LAYER, 6"	SY	384.000	384.000
		0285-701-	OPTIONAL BASE, BASE GROUP 01	SY	5278.000	5278.000
		0285-703-	OPTIONAL BASE, BASE GROUP 03	SY	3056.000	3056.000
		0285-709-	OPTIONAL BASE, BASE GROUP 09	SY	123479.000	123479.000
		0286- 1-	TURNOUT CONSTRUCTION	SY	599.000	599.000
		0327- 70- 4	MILLING EXIST ASPH PAVT, 3" AVG DEPTH	SY	2329.000	2329.000
		0327- 70- 6	MILLING EXIST ASPH PAVT, 1 1/2" AVG DEPTH	SY	139.000	139.000
		0327- 70- 13	MILLING EXIST ASPH PAVT, 1 3/4" AVG DEPTH	SY	6914.000	6914.000
		0327- 70- 17	MILLING EXIST ASPH PAVT, 3 1/4" AVG DEPTH	SY	18618.000	18618.000
		0327- 70- 19	MILLING EXIST ASPH PAVT, 3/4" AVG DEPTH	SY	319.000	319.000
		0327- 70- 20	MILLING EXIST ASPH PAVT, 3 3/4" AVG DEPTH	SY	6906.000	6906.000

03/25/2016 11:23:01 AM

FLORIDA DEPARTMENT OF TRANSPORTATION
PROJECT SUMMARY OF PAY ITEMS
FOR PROJECT: 238275-2-52-01

LEAD PROJECT : 238275-2-52-01 | DISTRICT : 05 | COUNTY/SECTION : 11130000

PROJECT(S) : 23827525201A | COUNTY : LAKE

0200 SUMMARY OF ROADWAY

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201A	QUANTITY TOTAL
		0327- 70- 22	MILLING EXISTING ASPHALT PAVEMENT, 4 1/4" AVG DEPTH	SY	201.000	201.000
		0334- 1- 23	SUPERPAVE ASPH CONC, TRAFFIC C, PG76-22, PMA	TN	19287.000	19287.000
		0337- 7- 22	ASPHALT CONCRETE FRICTION COURSE, INC BIT, FC-5, PG 76-22, PMA	TN	3317.800	3317.800
		0337- 7- 42	ASPHALT CONCRETE FRICTION COURSE,TRAFFIC C, FC-9.5, PG 76-22, PMA	TN	24.100	24.100
		0337- 7- 43	ASPHALT CONCRETE FRICTION COURSE,TRAFFIC C, FC-12.5, PG 76-22, PMA	TN	6395.700	6395.700
		0339- 1-	MISCELLANEOUS ASPHALT PAVEMENT	TN	28.900	28.900
		0400- 0- 11	CONCRETE CLASS NS, GRAVITY WALL	CY	401.000	401.000
		0400- 1- 2	CONCRETE CLASS I, ENDWALLS	CY	37.000	37.000
		0425- 1-311	INLETS, CURB, TYPE P-1, <10'	EA	84.000	84.000
		0425- 1-312	INLETS, CURB TYPE P-1, >10'	EA	1.000	1.000
		0425- 1-315	INLETS, CURB TYPE P-1, PARTIAL	EA	2.000	2.000
		0425- 1-321	INLETS, CURB, TYPE P-2, <10'	EA	10.000	10.000
		0425- 1-351	INLETS, CURB, TYPE P-5, <10'	EA	2.000	2.000
		0425- 1-361	INLETS, CURB, TYPE P-6, <10'	EA	2.000	2.000
		0425- 1-411	INLETS, CURB TYPE J-1, <10'	EA	3.000	3.000
		0425- 1-412	INLETS, CURB, TYPE J-1, >10'	EA	2.000	2.000
		0425- 1-422	INLETS, CURB, TYPE J-2, >10'	EA	2.000	2.000
		0425- 1-471	INLETS, CURB, TYPE 7, <10'	EA	11.000	11.000
		0425- 1-521	INLETS, DT BOT, TYPE C,<10'	EA	1.000	1.000
		0425- 1-541	INLETS, DT BOT, TYPE D, <10'	EA	3.000	3.000
		0425- 1-549	INLETS, DT BOT, TYPE D, MODIFY	EA	13.000	13.000
		0425- 1-561	INLETS, DT BOT, TYPE F, <10'	EA	5.000	5.000
		0425- 1-891	INLETS, BARRIER WALL, <10'	EA	5.000	5.000
		0425- 1-892	INLETS, BARRIER WALL, >10'	EA	1.000	1.000
		0425- 1-910	INLETS, CLOSED FLUME	EA	3.000	3.000
		0425- 2- 41	MANHOLES, P-7, <10'	EA	10.000	10.000
		0425- 2- 61	MANHOLES, P-8, <10'	EA	6.000	6.000
		0425- 2- 62	MANHOLES, P-8, >10'	EA	1.000	1.000
		0425- 2- 92	MANHOLES, J-8, >10'	EA	8.000	8.000
		0430-175-118	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 18"S/CD	LF	8569.000	8569.000
		0430-175-124	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 24"S/CD	LF	5959.000	5959.000
		0430-175-130	PIPE CULVERT, OPT MATERIAL, ROUND, 30"S/CD	LF	2079.000	2079.000
		0430-175-136	PIPE CULVERT, OPT MATERIAL, ROUND, 36"S/CD	LF	1964.000	1964.000
		0430-175-142	PIPE CULVERT, OPT MATERIAL, ROUND, 42"S/CD	LF	91.000	91.000
		0430-175-148	PIPE CULVERT, OPT MATERIAL, ROUND, 48"S/CD	LF	40.000	40.000
		0430-982-125	MITERED END SECTION, OPTIONAL ROUND, 18" CD	EA	12.000	12.000
		0430-982-129	MITERED END SECTION, OPTIONAL ROUND, 24" CD	EA	7.000	7.000
		0430-982-133	MITERED END SECTION, OPTIONAL ROUND, 30" CD	EA	6.000	6.000
		0430-982-138	MITERED END SECTION, OPTIONAL ROUND, 36" CD	EA	3.000	3.000

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF PAY ITEMS OPTION A

SHEET NO. 3

FLORIDA DEPARTMENT OF TRANSPORTATION
PROJECT SUMMARY OF PAY ITEMS
FOR PROJECT: 238275-2-52-01

LEAD PROJECT : 238275-2-52-01 | DISTRICT : 05 | COUNTY/SECTION : 11130000

PROJECT(S) : 23827525201A | COUNTY : LAKE

0200 SUMMARY OF ROADWAY

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201A	QUANTITY TOTAL
		0430-982-140	MITERED END SECTION, OPTIONAL ROUND, 42" CD	EA	1.000	1.000
		0430-984-133	MITERED END SECTION , OPTIONAL ROUND, 30" SD	EA	2.000	2.000
		0436- 1- 1	TRENCH DRAIN, STANDARD	LF	60.000	60.000
		0515- 2-111	PEDESTRIAN / BICYCLE RAILING, NS, 42" TYPE 1	LF	1003.000	1003.000
		0520- 1- 7	CONCRETE CURB & GUTTER, TYPE E	LF	25714.000	25714.000
		0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	15591.000	15591.000
		0520- 2- 4	CONCRETE CURB, TYPE D	LF	192.000	192.000
		0520- 5- 11	TRAFFIC SEPARATOR CONCRETE-TYPE I, 4' WIDE	LF	801.000	801.000
		0520- 5- 16	TRAFFIC SEPARATOR CONCRETE- TYPE I, 8.5' WIDE	LF	2829.000	2829.000
		0521- 8- 1	CONCRETE TRAFFIC RAILING BARRIER WITH JUNCTION SLAB, 32" F SHAPE	LF	2828.000	2828.000
		0521- 8- 2	CONCRETE TRAFFIC RAILING BARRIER, WITH JUNCTION SLAB, 42" F SHAPE	LF	919.000	919.000
		0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	12302.000	12302.000
		0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	1061.000	1061.000
		0524- 1- 1	CONCRETE DITCH PAVT, NON REINFORCED, 3"	SY	375.000	375.000
		0527- 2-	DETECTABLE WARNINGS	SF	366.000	366.000
		0530- 3- 4	RIPRAP, RUBBLE, F&I, DITCH LINING	TN	136.100	136.100
		0536- 1- 1	GUARDRAIL -ROADWAY	LF	750.000	750.000
		0536- 2-	GUARDRAIL- SHOP-BENT PANELS	LF	38.000	38.000
		0536- 7-	SPECIAL GUARDRAIL POST	EA	20.000	20.000
		0536- 73-	GUARDRAIL REMOVAL	LF	782.000	782.000
		0536- 85- 22	GUARDRAIL END ANCHORAGE ASSEMBLY- FLARED	EA	3.000	3.000
		0536- 85- 25	GUARDRAIL END ANCHORAGE ASSEMBLY- TYPE II	EA	4.000	4.000
		0536- 85- 26	GUARDRAIL END ANCHORAGE ASSEMBLY- TYPE CRT	EA	1.000	1.000
		0548- 12-	RETAINING WALL SYSTEM, PERMANANT, EXCLUDING BARRIER	SF	233490.000	233490.000
		0550- 10-220	FENCING, TYPE B, 5.1-6.0', STANDARD	LF	1118.000	1118.000
		0550- 60-235	FENCE GATE, TYPE B, SLIDING/CANTILEVER, 20.1-24' OPENING	EA	1.000	1.000
		0570- 1- 1	PERFORMANCE TURF	SY	117217.000	117217.000
		0570- 1- 2	PERFORMANCE TURF, SOD	SY	128478.000	128478.000
		0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	19.000	19.000
		0710- 11-131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM	2.000	2.000
		0710- 11-141	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXTENSION, 6"	GM	0.170	0.170
		0710- 11-170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA	32.000	32.000
		0710- 11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	16.000	16.000
		0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID	LS	1.000 N	1.000

03/25/2016 11:23:01 AM

FLORIDA DEPARTMENT OF TRANSPORTATION
PROJECT SUMMARY OF PAY ITEMS
FOR PROJECT: 238275-2-52-01

LEAD PROJECT : 238275-2-52-01 | DISTRICT : 05 | COUNTY/SECTION : 11130000

PROJECT(S) : 23827525201A | COUNTY : LAKE

0300 SUMMARY OF SIGNING

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201A	QUANTITY TOTAL
M		0523- 1- 3	PATTERNED PAVEMENT, VEHICULAR AREAS- GREEN BIKE LANE	SY	196.000	196.000
		0700- 1- 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	87.000	87.000
		0700- 1- 12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	19.000	19.000
		0700- 1- 13	SINGLE POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS	8.000	8.000
		0700- 1- 31	SINGLE POST SIGN, F&I BRIDGE MOUNT INDEX 11870, UP TO 12 SF	AS	1.000	1.000
		0700- 1- 50	SINGLE POST SIGN, RELOCATE	AS	6.000	6.000
		0700- 1- 60	SINGLE POST SIGN, REMOVE	AS	88.000	88.000
		0700- 2- 13	MULTI- POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS	2.000	2.000
		0700- 2- 14	MULTI- POST SIGN, F&I GROUND MOUNT, 31-50 SF	AS	2.000	2.000
		0700- 2- 15	MULTI- POST SIGN, F&I GROUND MOUNT, 51-100 SF	AS	1.000	1.000
		0700- 2- 16	MULTI- POST SIGN, F&I GROUND MOUNT, 101-200 SF	AS	1.000	1.000
		0700- 2- 18	MULTI- POST SIGN, F&I GROUND MOUNT, 301-400 SF	AS	2.000	2.000
		0700- 2- 50	MULTI- POST SIGN, F&I GROUND MOUNT, RELOCATE	AS	1.000	1.000
		0700- 2- 60	MULTI- POST SIGN, REMOVE	AS	1.000	1.000
		0700- 3-207	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 201-300 SF	EA	1.000	1.000
		0700- 3-226	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 101-200 SF WITH LIGHTING *** ITEM IS OBSOLETE **	EA	1.000	1.000
		0700- 3-501	SIGN PANEL, RELOCATE, UP TO 12 SF	EA	24.000	24.000
		0700- 3-601	SIGN PANEL, REMOVE, UP TO 12 SF	EA	1.000	1.000
		0700- 4-112	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, 21-30 FT	EA	1.000	1.000
		0700- 4-114	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, 41-50 FT	EA	1.000	1.000
		0705- 10- 1	OBJECT MARKER, TYPE 1	EA	6.000	6.000
		0705- 10- 4	OBJECT MARKER, TYPE 4	EA	7.000	7.000
		0705- 11- 1	DELINEATOR, FLEXIBLE TUBULAR	EA	23.000	23.000
		0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE	LS	1.000	1.000
		0711- 11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	1947.000	1947.000
		0711- 11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	1480.000	1480.000
		0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	497.000	497.000
		0711- 11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	1.288	1.288
		0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	16.000	16.000
		0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	100.000	100.000
		0711- 11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	249.000	249.000
		0711- 11-241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE /6-10 DOTTED EXTENSION LINE, 6"	GM	0.302	0.302
		0711- 14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	803.000	803.000
		0711- 14-160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	38.000	38.000
		0711- 14-170	THERMOPLASTIC, PREFORMED, WHITE, ARROWS	EA	38.000	38.000

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF PAY ITEMS OPTION A

SHEET NO. 4

FLORIDA DEPARTMENT OF TRANSPORTATION
PROJECT SUMMARY OF PAY ITEMS
FOR PROJECT: 238275-2-52-01

LEAD PROJECT : 238275-2-52-01 | DISTRICT : 05 | COUNTY/SECTION : 11130000

PROJECT(S) : 23827525201A | COUNTY : LAKE

0300 SUMMARY OF SIGNING

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201A	QUANTITY TOTAL
		0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	10.099	10.099
		0711- 16-102	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8"	GM	1.215	1.215
		0711- 16-131	THERMOPLASTIC, OTHER SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	7.254	7.254
		0711- 16-133	THERMOPLASTIC, STANDARD-OTHER SURFACES WHITE, SKIP, 12"- APPROACH TO TOLL PLAZA OR 3-9 LANE DROP	GM	0.457	0.457
		0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	5.832	5.832
		0711- 16-202	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 8"	GM	0.043	0.043
		0711- 16-231	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SKIP, 6"	GM	0.030	0.030
		0711- 17-	THERMOPLASTIC, REMOVE EXISTING THERMOPLASTIC PAVEMENT MARKINGS	SF	119.000	119.000
		0713-103-101	PERMANENT TAPE, WHITE, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.108	0.108
		0713-103-131	PERMENENT TAPE, WHITE, SKIP/DOTTED, 6" FOR CONCRETE SURFACES	GM	0.275	0.275
		0713-103-201	PERMANENT TAPE, YELLOW, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.104	0.104

03/25/2016 11:23:01 AM

FLORIDA DEPARTMENT OF TRANSPORTATION
PROJECT SUMMARY OF PAY ITEMS
FOR PROJECT: 238275-2-52-01

LEAD PROJECT : 238275-2-52-01 | DISTRICT : 05 | COUNTY/SECTION : 11130000

PROJECT(S) : 23827525201A | COUNTY : LAKE

0500 SUMMARY OF SIGNALIZATION

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201A	QUANTITY TOTAL
		0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	945.000	945.000
		0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	198.000	198.000
		0630- 2- 15	CONDUIT, FURNISH & INSTALL, BRIDGE MOUNT	LF	717.000	717.000
		0632- 7- 1	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	PI	1.000	1.000
		0635- 2- 11	PULL & SPLICE BOX, F&I, 13" X 24" COVER SIZE	EA	18.000	18.000
		0639- 1-121	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER FURNISHED BY POWER COMPANY	AS	1.000	1.000
		0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	106.000	106.000
		0641- 2- 11	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II PEDESTAL	EA	1.000	1.000
		0646- 1- 11	ALUMINUM SIGNALS POLE, PEDESTAL	EA	8.000	8.000
		0649- 31-302	MAST ARM,F&I, WIND SPEED-110,SINGLE ARM,W/O LUMINAIRE-46	EA	1.000	1.000
		0649- 31-304	MAST ARM,F&I, WIND SPEED-110,SINGLE ARM,W/O LUMINAIRE-70.5	EA	1.000	1.000
		0650- 1- 14	TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 3 SECTION, 1 WAY	AS	15.000	15.000
		0650- 1- 16	TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 4 SECTION, 1 WAY	AS	4.000	4.000
		0653- 1- 11	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY	AS	8.000	8.000
		0660- 4- 11	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL CABINET EQUIPMENT	EA	1.000	1.000
		0660- 4- 12	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL ABOVE GROUND EQUIPMENT	EA	6.000	6.000
P		0663- 1-110	SIGNAL PRIORITY AND PREEMPTION SYSTEM, F&I, OPTICAL, COMPLETE SYSTEM	EA	1.000	1.000
		0665- 1- 11	PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD	EA	8.000	8.000
		0670- 5-111	TRAFFIC CONTROLLER ASSEMBLY, F&I, NEMA, 1 PREEMPTION	AS	1.000	1.000
		0695- 1- 1	TRAFFIC MONITORING SITE VEHICLE SENSOR-NON-WEIGHT, FURNISH & INSTALL	EA	6.000	6.000
		0695- 6- 12	TRAFFIC MONOTORING SITE INDUCTIVE LOOP ASSEMBLY, FURNISH & INSTALL, 2 LOOPS	EA	6.000	6.000
		0695- 7-132	TRAFFIC MONOTORING SITE CABINET, FURNISH & INSTALL, TYPE 3, PEDESTAL MOUNT	EA	1.000	1.000
		0700- 5- 22	INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL, OVERHEAD MOUNT, 12-18 SF	EA	6.000	6.000

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF PAY ITEMS OPTION A

SHEET NO. 5

FLORIDA DEPARTMENT OF TRANSPORTATION
PROJECT SUMMARY OF PAY ITEMS
FOR PROJECT: 238275-2-52-01

LEAD PROJECT : 238275-2-52-01 | DISTRICT : 05 | COUNTY/SECTION : 11130000

PROJECT(S) : 23827525201A | COUNTY : LAKE

0550 SUMMARY OF INTELLIGENT TRANSPORTATION SYSTEM

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201A	QUANTITY TOTAL
		0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	12155.000	12155.000
		0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	150.000	150.000
		0633- 1-121	FIBER OPTIC CABLE, F&I, UNDERGROUND,2-12 FIBERS	LF	205.000	205.000
		0633- 1-123	FIBER OPTIC CABLE, F&I, UNDERGROUND,49-96 FIBERS	LF	13075.000	13075.000
		0633- 2- 31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	EA	192.000	192.000
		0633- 2- 32	FIBER OPTIC CONNECTION, INSTALL, TERMINATION	EA	216.000	216.000
		0633- 3- 11	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE	EA	6.000	6.000
		0633- 3- 12	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY	EA	6.000	6.000
		0633- 3- 15	FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED PATCH PANEL	EA	4.000	4.000
		0635- 2- 11	PULL & SPLICE BOX, F&I, 13" X 24" COVER SIZE	EA	8.000	8.000
		0635- 2- 13	PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND COVER SIZE	EA	23.000	23.000
		0639- 1-112	ELECTRICAL POWER SERVICE, F&I, OVERHEAD METER PURCHED BY CONTRACTOR FROM POWER COMPANY	AS	2.000	2.000
		0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	3405.000	3405.000
		0639- 3- 12	ELECTRICAL SERVICE DISCONNECT, F&I, CABINET	EA	3.000	3.000
		0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	2.000	2.000
		0641- 2- 13	PRESTRESSED CONCRETE POLE, F&I, TYPE P-III	EA	1.000	1.000
		0641- 3-163	CONCRETE CCTV POLE, FURNISH & INSTALL WITH LOWERING DEVICE , 63'	EA	1.000	1.000
		0641- 3-175	CONCRETE CCTV POLE, FURNISH & INSTALL WITH LOWERING DEVICE , 75'	EA	1.000	1.000
		0660- 3- 11	VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL CABINET EQUIPMENT	EA	2.000	2.000
		0660- 3- 12	VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL, ABOVE GROUND EQUIPMENT	EA	2.000	2.000
		0676- 2-111	ITS CABINET, FURNISH & INSTALL, POLE MOUNT, 336, 24" W X 36" H X 20" D	EA	3.000	3.000
		0682- 1-133	ITS CCTV CAMERA, F&I, DOME ENCLOSURE - NON-PRESSURIZED, IP , HIGH DEFINITION	EA	2.000	2.000
		0684- 1- 1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	EA	3.000	3.000
		0684- 2- 1	DEVICE SERVER, FURNISH & INSTALL	EA	3.000	3.000
		0684- 3- 11	DIGITAL VIDEO ENCODER WITH SOFTWARE DECODER FURNISH & INSTALL HARDENED ENCODER	EA	2.000	2.000
		0685-106-	SYSTEM AUXILIARIES, F&I, UNINTERRUPTIBLE POWER SOURCE	EA	3.000	3.000

03/25/2016 11:23:01 AM

FLORIDA DEPARTMENT OF TRANSPORTATION
PROJECT SUMMARY OF PAY ITEMS
FOR PROJECT: 238275-2-52-01

LEAD PROJECT : 238275-2-52-01 | DISTRICT : 05 | COUNTY/SECTION : 11130000

PROJECT(S) : 23827525201A | COUNTY : LAKE

0400 SUMMARY OF LIGHTING

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201A	QUANTITY TOTAL
		0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	24546.000	24546.000
		0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	572.000	572.000
		0630- 2- 15	CONDUIT, FURNISH & INSTALL, BRIDGE MOUNT	LF	100.000	100.000
		0635- 2- 11	PULL & SPLICE BOX, F&I, 13" X 24" COVER SIZE	EA	159.000	159.000
		0715- 1- 12	LIGHTING CONDUCTORS, F&I, INSULATED, NO.8 - 6	LF	77251.000	77251.000
		0715- 1- 13	LIGHTING CONDUCTORS, F&I, INSULATED, NO 4 TO NO 2	LF	23459.000	23459.000
		0715- 4-133	LIGHT POLE COMPLETE, F&I, WIND SPEED 110, POLE HEIGHT 50'	EA	127.000	127.000
		0715- 7- 12	LOAD CENTER, F&I, PRIMARY VOLTAGE	EA	1.000	1.000
		0715- 11-125	LUMINAIRE, F&I, UNDER DECK, WALL MOUNT	EA	5.000	5.000
		0715-500- 1	POLE CABLE DISTRIBUTION SYSTEM, CONVENTIONAL	EA	119.000	119.000
		0715-500- 3	POLE CABLE DISTRIBUTION SYSTEM, WALL MOUNT	EA	12.000	12.000
T		0715-516-115	LIGHT POLE COMPLETE-SPECIAL DESIGN, F&I, POLE TOP MOUNT, ALUMINUM, 15'	EA	4.000	4.000

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF PAY ITEMS
OPTION A

SHEET NO. 6

03/25/2016 11:23:01 AM

FLORIDA DEPARTMENT OF TRANSPORTATION
PROJECT SUMMARY OF PAY ITEMS
FOR PROJECT: 238275-2-52-01

LEAD PROJECT : 238275-2-52-01 | DISTRICT : 05 | COUNTY/SECTION : 11130000

PROJECT(S) : 23827525201A | COUNTY : LAKE

0100 SUMMARY OF STRUCTURES

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201A	23827525201A BR# 110094	QUANTITY TOTAL
		0400- 2- 4	CONC CLASS II, BRIDGE SUPERSTRUCTURE	CY		114.700	114.700
		0400- 2- 5	CONCRETE CLASS II, BRIDGE SUBSTRUCTURE	CY		50.400	50.400
		0400- 2- 10	CONCRETE CLASS II, APPROACH SLABS	CY		96.600	96.600
		0400- 7-	BRIDGE DECK GROOVING, LESS THAN 8.5"	SY		444.000	444.000
		0400-147-	COMPOSITE NEOPRENE PADS	CF		2.300	2.300
		0415- 1- 4	REINFORCING STEEL - BRIDGE SUPERSTRUCTURE	LB		31114.000	31114.000
		0415- 1- 5	REINFORCING STEEL- BRIDGE SUBSTRUCTURE	LB		7378.000	7378.000
		0415- 1- 9	REINFORCING STEEL- APPROACH SLABS	LB		19000.000	19000.000
		0450- 2- 45	PREST BEAMS: FLORIDA-I BEAM 45"	LF		783.000	783.000
		0455-144- 6	TEST PILES - STEEL, HP 14 X 89	LF		2345.000	2345.000
		0458- 1- 11	BRIDGE DECK EXPANSION JOINT, NEW CONSTRUCTION, F&I POURED JOINT WITH BACKER ROD	LF		85.000	85.000
		0521- 5- 1	CONCRETE TRAFFIC RAILING, BRIDGE 32" F - SHAPE	LF		316.000	316.000
		0524- 2- 2	CONCRETE SLOPE PAVEMENT,NON REINFORCED, 4"	SY		130.000	130.000

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF PAY ITEMS
OPTION A

SHEET NO. 7

jcapra 3/28/2016 10:14:05 AM P:\7844-Wekiva3B\23827525201\roadway\cessrd01.dgn

FLORIDA DEPARTMENT OF TRANSPORTATION
PROJECT SUMMARY OF PAY ITEMS
FOR PROJECT: 238275-2-52-01

LEAD PROJECT : 238275-2-52-01 | DISTRICT : 05 | COUNTY/SECTION : 11130000

PROJECT(S) : 23827525201A | COUNTY : LAKE

0101 SUMMARY OF STRUCTURES

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201A	23827525201A BR# 110095	QUANTITY TOTAL
P		0108- 1-	MONITOR EXISTING STRUCTURES- INSPECTION AND SETTLEMENT MONITORING 23827525201A	LS		1.000	1.000
P		0108- 2-	MONITOR EXISTING STRUCTURES- VIBRATION MONITORING 23827525201A	LS		1.000	1.000
P		0108- 3-	MONITOR EXISTING STRUCTURES- GROUNDWATER MONITORING 23827525201A	LS		1.000	1.000
		0110- 3-	REMOVAL OF EXISTING STRUCTURE	(LS)		1.000	1.000
		0400- 2- 4	CONC CLASS II, BRIDGE SUPERSTRUCTURE	CY		621.500	621.500
		0400- 2- 10	CONCRETE CLASS II, APPROACH SLABS	CY		115.000	115.000
		0400- 2- 25	CONCRETE CLASS II, MASS, BRIDGE SUBSTRUCTURE	CY		436.700	436.700
		0400- 4- 4	CONCRETE CLASS IV, SUPERSTRUCTURE	CY		280.000	280.000
		0400- 9-	BRIDGE DECK GROOVING & PLANING, DECK 8.5" AND GREATER	SY		20843.000	20843.000
		0415- 1- 4	REINFORCING STEEL - BRIDGE SUPERSTRUCTURE	LB		329598.000	329598.000
		0415- 1- 5	REINFORCING STEEL- BRIDGE SUBSTRUCTURE	LB		89575.000	89575.000
		0415- 1- 9	REINFORCING STEEL- APPROACH SLABS	LB		22630.000	22630.000
		0450- 7- 6	CURVED PRECAST SPLICED U-GIRDER, U90-4	LF		860.000	860.000
		0455-143- 5	TEST PILES-PRESTRESSED CONCRETE,24" SQ	LF		3950.000	3950.000
		0458- 1- 12	BRIDGE DECK EXPANSION JOINT, NEW CONSTRUCTION, F&I STRIP SEAL	LF		97.000	97.000
		0461-113- 19	MULTIROTATIONAL BEARING ASSEM-FIXED, F&I, >= 2001KIPS	EA		1.000	1.000
		0461-114- 14	MULTIROTATIONAL BEARING ASSEM EXP, F&I, 751- 1000KIPS	EA		4.000	4.000
		0461-114- 19	MULTIROTATIONAL BEARING ASSEM-EXPANSION,F&I, >=2001KIPS	EA		3.000	3.000
		0462- 2- 11	POST TENSIONING TENDONS, SUPERSTRUCTURE STRAND WITH GROUT	LB		156673.000	156673.000
		0521- 5- 1	CONCRETE TRAFFIC RAILING, BRIDGE 32" F - SHAPE	LF		1044.000	1044.000
		0524- 2- 2	CONCRETE SLOPE PAVEMENT,NON REINFORCED, 4"	SY		21.000	21.000
T		0715- 50-	LIGHTING, INSIDE BOX GIRDER	LS		1.000	1.000

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF PAY ITEMS
OPTION A

SHEET NO. 8

FLORIDA DEPARTMENT OF TRANSPORTATION
PROJECT SUMMARY OF PAY ITEMS
FOR PROJECT: 238275-2-52-01

LEAD PROJECT : 238275-2-52-01 | DISTRICT : 05 | COUNTY/SECTION : 11130000

PROJECT(S) : 23827525201B | COUNTY : LAKE

0200 SUMMARY OF ROADWAY

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201B	QUANTITY TOTAL
		0101- 1-	MOBILIZATION	LS	1.000	1.000
		0102- 1-	MAINTENANCE OF TRAFFIC	(LS)	1.000	1.000
		0102- 2- 1	SPECIAL DETOUR 1	LS	1.000	1.000
		0102- 2- 2	SPECIAL DETOUR 2	LS	1.000	1.000
		0102- 2- 3	SPECIAL DETOUR 3	LS	1.000	1.000
		0102- 2- 4	SPECIAL DETOUR 4	LS	1.000	1.000
		0102- 2- 5	SPECIAL DETOUR 5	LS	1.000	1.000
		0102- 2- 6	SPECIAL DETOUR 6	LS	1.000	1.000
		0102- 2- 7	SPECIAL DETOUR 7	LS	1.000	1.000
		0102- 2- 8	SPECIAL DETOUR 8	LS	1.000	1.000
		0102- 60-	WORK ZONE SIGN	ED	18665.000	18665.000
		0102- 71- 11	BARRIER WALL, TEMPORARY, F&I, CONCRETE	LF	809.000	809.000
		0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	330109.000	330109.000
		0102- 74- 2	CHANNELIZING DEVICE, TYPE III, 6'	ED	6490.000	6490.000
		0102- 89- 1	TEMPORARY CRASH CUSHION, REDIRECTIVE OPTION	LO	6.000	6.000
		0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	140.000	140.000
		0102-104-	TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION	ED	660.000	660.000
		0102-107- 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION	ED	660.000	660.000
		0104- 10- 3	SEDIMENT BARRIER	LF	12701.000	12701.000
		0104- 11-	FLOATING TURBIDITY BARRIER	LF	787.000	787.000
		0104- 15-	SOIL TRACKING PREVENTION DEVICE	EA	4.000	4.000
		0104- 18-	INLET PROTECTION SYSTEM	EA	135.000	135.000
		0107- 1-	LITTER REMOVAL	AC	2882.690 N	2882.690
		0107- 2-	MOWING	AC	950.330 N	950.330
		0110- 1- 1	CLEARING & GRUBBING	(LS)	1.000	1.000
		0110- 4-	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	10262.000	10262.000
		0120- 1-	REGULAR EXCAVATION	CY	528253.000	528253.000
		0120- 4-	SUBSOIL EXCAVATION	CY	59110.000	59110.000
		0120- 6-	EMBANKMENT	CY	307802.000	307802.000
		0160- 4-	TYPE B STABILIZATION	SY	104600.000	104600.000
		0162- 1- 11	PREPARED SOIL LAYER, FINISH SOIL LAYER, 6"	SY	384.000	384.000
		0285-701-	OPTIONAL BASE, BASE GROUP 01	SY	5278.000	5278.000
		0285-703-	OPTIONAL BASE, BASE GROUP 03	SY	3056.000	3056.000
		0285-709-	OPTIONAL BASE, BASE GROUP 09	SY	123479.000	123479.000
		0286- 1-	TURNOUT CONSTRUCTION	SY	599.000	599.000
		0327- 70- 4	MILLING EXIST ASPH PAVT, 3" AVG DEPTH	SY	2329.000	2329.000
		0327- 70- 6	MILLING EXIST ASPH PAVT, 1 1/2" AVG DEPTH	SY	139.000	139.000
		0327- 70- 13	MILLING EXIST ASPH PAVT, 1 3/4" AVG DEPTH	SY	6914.000	6914.000
		0327- 70- 17	MILLING EXIST ASPH PAVT, 3 1/4" AVG DEPTH	SY	18618.000	18618.000
		0327- 70- 19	MILLING EXIST ASPH PAVT, 3/4" AVG DEPTH	SY	319.000	319.000
		0327- 70- 20	MILLING EXIST ASPH PAVT, 3 3/4" AVG DEPTH	SY	6906.000	6906.000

03/25/2016 11:23:53 AM

FLORIDA DEPARTMENT OF TRANSPORTATION
PROJECT SUMMARY OF PAY ITEMS
FOR PROJECT: 238275-2-52-01

LEAD PROJECT : 238275-2-52-01 | DISTRICT : 05 | COUNTY/SECTION : 11130000

PROJECT(S) : 23827525201B | COUNTY : LAKE

0200 SUMMARY OF ROADWAY

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201B	QUANTITY TOTAL
		0327- 70- 22	MILLING EXISTING ASPHALT PAVEMENT, 4 1/4" AVG DEPTH	SY	201.000	201.000
		0334- 1- 23	SUPERPAVE ASPH CONC, TRAFFIC C, PG76-22, PMA	TN	19287.000	19287.000
		0337- 7- 22	ASPHALT CONCRETE FRICTION COURSE, INC BIT, FC-5, PG 76-22, PMA	TN	3317.800	3317.800
		0337- 7- 42	ASPHALT CONCRETE FRICTION COURSE,TRAFFIC C, FC-9.5, PG 76-22, PMA	TN	24.100	24.100
		0337- 7- 43	ASPHALT CONCRETE FRICTION COURSE,TRAFFIC C, FC-12.5, PG 76-22, PMA	TN	6395.700	6395.700
		0339- 1-	MISCELLANEOUS ASPHALT PAVEMENT	TN	28.900	28.900
		0400- 0- 11	CONCRETE CLASS NS, GRAVITY WALL	CY	401.000	401.000
		0400- 1- 2	CONCRETE CLASS I, ENDWALLS	CY	37.000	37.000
		0425- 1-311	INLETS, CURB, TYPE P-1, <10'	EA	84.000	84.000
		0425- 1-312	INLETS, CURB TYPE P-1, >10'	EA	1.000	1.000
		0425- 1-315	INLETS, CURB TYPE P-1, PARTIAL	EA	2.000	2.000
		0425- 1-321	INLETS, CURB, TYPE P-2, <10'	EA	10.000	10.000
		0425- 1-351	INLETS, CURB, TYPE P-5, <10'	EA	2.000	2.000
		0425- 1-361	INLETS, CURB, TYPE P-6, <10'	EA	2.000	2.000
		0425- 1-411	INLETS, CURB TYPE J-1, <10'	EA	3.000	3.000
		0425- 1-412	INLETS, CURB, TYPE J-1, >10'	EA	2.000	2.000
		0425- 1-422	INLETS, CURB, TYPE J-2, >10'	EA	2.000	2.000
		0425- 1-471	INLETS, CURB, TYPE 7, <10'	EA	11.000	11.000
		0425- 1-521	INLETS, DT BOT, TYPE C,<10'	EA	1.000	1.000
		0425- 1-541	INLETS, DT BOT, TYPE D, <10'	EA	3.000	3.000
		0425- 1-549	INLETS, DT BOT, TYPE D, MODIFY	EA	13.000	13.000
		0425- 1-561	INLETS, DT BOT, TYPE F, <10'	EA	5.000	5.000
		0425- 1-891	INLETS, BARRIER WALL, <10'	EA	5.000	5.000
		0425- 1-892	INLETS, BARRIER WALL, >10'	EA	1.000	1.000
		0425- 1-910	INLETS, CLOSED FLUME	EA	3.000	3.000
		0425- 2- 41	MANHOLES, P-7, <10'	EA	10.000	10.000
		0425- 2- 61	MANHOLES, P-8, <10'	EA	6.000	6.000
		0425- 2- 62	MANHOLES, P-8, >10'	EA	1.000	1.000
		0425- 2- 92	MANHOLES, J-8, >10'	EA	8.000	8.000
		0430-175-118	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 18"S/CD	LF	8569.000	8569.000
		0430-175-124	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 24"S/CD	LF	5959.000	5959.000
		0430-175-130	PIPE CULVERT, OPT MATERIAL, ROUND, 30"S/CD	LF	2079.000	2079.000
		0430-175-136	PIPE CULVERT, OPT MATERIAL, ROUND, 36"S/CD	LF	1964.000	1964.000
		0430-175-142	PIPE CULVERT, OPT MATERIAL, ROUND, 42"S/CD	LF	91.000	91.000
		0430-175-148	PIPE CULVERT, OPT MATERIAL, ROUND, 48"S/CD	LF	40.000	40.000
		0430-982-125	MITERED END SECTION, OPTIONAL ROUND, 18" CD	EA	12.000	12.000
		0430-982-129	MITERED END SECTION, OPTIONAL ROUND, 24" CD	EA	7.000	7.000
		0430-982-133	MITERED END SECTION, OPTIONAL ROUND, 30" CD	EA	6.000	6.000
		0430-982-138	MITERED END SECTION, OPTIONAL ROUND, 36" CD	EA	3.000	3.000

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF PAY ITEMS OPTION B

SHEET NO. 9

FLORIDA DEPARTMENT OF TRANSPORTATION
PROJECT SUMMARY OF PAY ITEMS
FOR PROJECT: 238275-2-52-01

LEAD PROJECT : 238275-2-52-01 | DISTRICT : 05 | COUNTY/SECTION : 11130000

PROJECT(S) : 23827525201B | COUNTY : LAKE

0200 SUMMARY OF ROADWAY

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201B	QUANTITY TOTAL
		0430-982-140	MITERED END SECTION, OPTIONAL ROUND, 42" CD	EA	1.000	1.000
		0430-984-133	MITERED END SECTION , OPTIONAL ROUND, 30" SD	EA	2.000	2.000
		0436- 1- 1	TRENCH DRAIN, STANDARD	LF	60.000	60.000
		0515- 2-111	PEDESTRIAN / BICYCLE RAILING, NS, 42" TYPE 1	LF	1003.000	1003.000
		0520- 1- 7	CONCRETE CURB & GUTTER, TYPE E	LF	25714.000	25714.000
		0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	15591.000	15591.000
		0520- 2- 4	CONCRETE CURB, TYPE D	LF	192.000	192.000
		0520- 5- 11	TRAFFIC SEPARATOR CONCRETE-TYPE I, 4' WIDE	LF	801.000	801.000
		0520- 5- 16	TRAFFIC SEPARATOR CONCRETE- TYPE I, 8.5' WIDE	LF	2829.000	2829.000
		0521- 8- 1	CONCRETE TRAFFIC RAILING BARRIER WITH JUNCTION SLAB, 32" F SHAPE	LF	2828.000	2828.000
		0521- 8- 2	CONCRETE TRAFFIC RAILING BARRIER, WITH JUNCTION SLAB, 42" F SHAPE	LF	919.000	919.000
		0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	12302.000	12302.000
		0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	1061.000	1061.000
		0524- 1- 1	CONCRETE DITCH PAVT, NON REINFORCED, 3"	SY	375.000	375.000
		0527- 2-	DETECTABLE WARNINGS	SF	366.000	366.000
		0530- 3- 4	RIPRAP, RUBBLE, F&I, DITCH LINING	TN	136.100	136.100
		0536- 1- 1	GUARDRAIL -ROADWAY	LF	750.000	750.000
		0536- 2-	GUARDRAIL- SHOP-BENT PANELS	LF	38.000	38.000
		0536- 7-	SPECIAL GUARDRAIL POST	EA	20.000	20.000
		0536- 73-	GUARDRAIL REMOVAL	LF	782.000	782.000
		0536- 85- 22	GUARDRAIL END ANCHORAGE ASSEMBLY- FLARED	EA	3.000	3.000
		0536- 85- 25	GUARDRAIL END ANCHORAGE ASSEMBLY- TYPE II	EA	4.000	4.000
		0536- 85- 26	GUARDRAIL END ANCHORAGE ASSEMBLY- TYPE CRT	EA	1.000	1.000
		0548- 12-	RETAINING WALL SYSTEM, PERMANANT, EXCLUDING BARRIER	SF	233490.000	233490.000
		0550- 10-220	FENCING, TYPE B, 5.1-6.0', STANDARD	LF	1118.000	1118.000
		0550- 60-235	FENCE GATE, TYPE B, SLIDING/CANTILEVER, 20.1-24' OPENING	EA	1.000	1.000
		0570- 1- 1	PERFORMANCE TURF	SY	117217.000	117217.000
		0570- 1- 2	PERFORMANCE TURF, SOD	SY	128478.000	128478.000
		0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	19.000	19.000
		0710- 11-131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM	2.000	2.000
		0710- 11-141	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXTENSION, 6"	GM	0.170	0.170
		0710- 11-170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA	32.000	32.000
		0710- 11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	16.000	16.000
		0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID	LS	1.000 N	1.000

03/25/2016 11:23:53 AM

FLORIDA DEPARTMENT OF TRANSPORTATION
PROJECT SUMMARY OF PAY ITEMS
FOR PROJECT: 238275-2-52-01

LEAD PROJECT : 238275-2-52-01 | DISTRICT : 05 | COUNTY/SECTION : 11130000

PROJECT(S) : 23827525201B | COUNTY : LAKE

0300 SUMMARY OF SIGNING

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201B	QUANTITY TOTAL
M		0523- 1- 3	PATTERNED PAVEMENT, VEHICULAR AREAS- GREEN BIKE LANE	SY	196.000	196.000
		0700- 1- 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	87.000	87.000
		0700- 1- 12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	19.000	19.000
		0700- 1- 13	SINGLE POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS	8.000	8.000
		0700- 1- 31	SINGLE POST SIGN, F&I BRIDGE MOUNT INDEX 11870, UP TO 12 SF	AS	1.000	1.000
		0700- 1- 50	SINGLE POST SIGN, RELOCATE	AS	6.000	6.000
		0700- 1- 60	SINGLE POST SIGN, REMOVE	AS	88.000	88.000
		0700- 2- 13	MULTI- POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS	2.000	2.000
		0700- 2- 14	MULTI- POST SIGN, F&I GROUND MOUNT, 31-50 SF	AS	2.000	2.000
		0700- 2- 15	MULTI- POST SIGN, F&I GROUND MOUNT, 51-100 SF	AS	1.000	1.000
		0700- 2- 16	MULTI- POST SIGN, F&I GROUND MOUNT, 101-200 SF	AS	1.000	1.000
		0700- 2- 18	MULTI- POST SIGN, F&I GROUND MOUNT, 301-400 SF	AS	2.000	2.000
		0700- 2- 50	MULTI- POST SIGN, F&I GROUND MOUNT, RELOCATE	AS	1.000	1.000
		0700- 2- 60	MULTI- POST SIGN, REMOVE	AS	1.000	1.000
		0700- 3-207	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 201-300 SF	EA	1.000	1.000
		0700- 3-226	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 101-200 SF WITH LIGHTING *** ITEM IS OBSOLETE **	EA	1.000	1.000
		0700- 3-501	SIGN PANEL, RELOCATE, UP TO 12 SF	EA	24.000	24.000
		0700- 3-601	SIGN PANEL, REMOVE, UP TO 12 SF	EA	1.000	1.000
		0700- 4-112	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, 21-30 FT	EA	1.000	1.000
		0700- 4-114	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, 41-50 FT	EA	1.000	1.000
		0705- 10- 1	OBJECT MARKER, TYPE 1	EA	6.000	6.000
		0705- 10- 4	OBJECT MARKER, TYPE 4	EA	7.000	7.000
		0705- 11- 1	DELINEATOR, FLEXIBLE TUBULAR	EA	23.000	23.000
		0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE	LS	1.000	1.000
		0711- 11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	1947.000	1947.000
		0711- 11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	1480.000	1480.000
		0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	497.000	497.000
		0711- 11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	1.288	1.288
		0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	16.000	16.000
		0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	100.000	100.000
		0711- 11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	249.000	249.000
		0711- 11-241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE /6-10 DOTTED EXTENSION LINE, 6"	GM	0.302	0.302
		0711- 14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	803.000	803.000
		0711- 14-160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	38.000	38.000
		0711- 14-170	THERMOPLASTIC, PREFORMED, WHITE, ARROWS	EA	38.000	38.000

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF PAY ITEMS OPTION B

SHEET NO. 10

FLORIDA DEPARTMENT OF TRANSPORTATION
PROJECT SUMMARY OF PAY ITEMS
FOR PROJECT: 238275-2-52-01

LEAD PROJECT : 238275-2-52-01 | DISTRICT : 05 | COUNTY/SECTION : 11130000

PROJECT(S) : 23827525201B | COUNTY : LAKE

0300 SUMMARY OF SIGNING

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201B	QUANTITY TOTAL
		0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	10.099	10.099
		0711- 16-102	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8"	GM	1.215	1.215
		0711- 16-131	THERMOPLASTIC, OTHER SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	7.254	7.254
		0711- 16-133	THERMOPLASTIC, STANDARD-OTHER SURFACES WHITE, SKIP, 12"- APPROACH TO TOLL PLAZA OR 3-9 LANE DROP	GM	0.457	0.457
		0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	5.832	5.832
		0711- 16-202	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 8"	GM	0.043	0.043
		0711- 16-231	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SKIP, 6"	GM	0.030	0.030
		0711- 17-	THERMOPLASTIC, REMOVE EXISTING THERMOPLASTIC PAVEMENT MARKINGS	SF	119.000	119.000
		0713-103-101	PERMANENT TAPE, WHITE, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.108	0.108
		0713-103-131	PERMENENT TAPE, WHITE, SKIP/DOTTED, 6" FOR CONCRETE SURFACES	GM	0.275	0.275
		0713-103-201	PERMANENT TAPE, YELLOW, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.104	0.104

03/25/2016 11:23:53 AM

FLORIDA DEPARTMENT OF TRANSPORTATION
PROJECT SUMMARY OF PAY ITEMS
FOR PROJECT: 238275-2-52-01

LEAD PROJECT : 238275-2-52-01 | DISTRICT : 05 | COUNTY/SECTION : 11130000

PROJECT(S) : 23827525201B | COUNTY : LAKE

0500 SUMMARY OF SIGNALIZATION

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201B	QUANTITY TOTAL
		0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	945.000	945.000
		0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	198.000	198.000
		0630- 2- 15	CONDUIT, FURNISH & INSTALL, BRIDGE MOUNT	LF	717.000	717.000
		0632- 7- 1	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	PI	1.000	1.000
		0635- 2- 11	PULL & SPLICE BOX, F&I, 13" X 24" COVER SIZE	EA	18.000	18.000
		0639- 1-121	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER FURNISHED BY POWER COMPANY	AS	1.000	1.000
		0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	106.000	106.000
		0641- 2- 11	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II PEDESTAL	EA	1.000	1.000
		0646- 1- 11	ALUMINUM SIGNALS POLE, PEDESTAL	EA	8.000	8.000
		0649- 31-302	MAST ARM,F&I, WIND SPEED-110,SINGLE ARM,W/O LUMINAIRE-46	EA	1.000	1.000
		0649- 31-304	MAST ARM,F&I, WIND SPEED-110,SINGLE ARM,W/O LUMINAIRE-70.5	EA	1.000	1.000
		0650- 1- 14	TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 3 SECTION, 1 WAY	AS	15.000	15.000
		0650- 1- 16	TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 4 SECTION, 1 WAY	AS	4.000	4.000
		0653- 1- 11	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY	AS	8.000	8.000
		0660- 4- 11	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL CABINET EQUIPMENT	EA	1.000	1.000
		0660- 4- 12	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL ABOVE GROUND EQUIPMENT	EA	6.000	6.000
P		0663- 1-110	SIGNAL PRIORITY AND PREEMPTION SYSTEM, F&I, OPTICAL, COMPLETE SYSTEM	EA	1.000	1.000
		0665- 1- 11	PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD	EA	8.000	8.000
		0670- 5-111	TRAFFIC CONTROLLER ASSEMBLY, F&I, NEMA, 1 PREEMPTION	AS	1.000	1.000
		0695- 1- 1	TRAFFIC MONITORING SITE VEHICLE SENSOR-NON-WEIGHT, FURNISH & INSTALL	EA	6.000	6.000
		0695- 6- 12	TRAFFIC MONOTORING SITE INDUCTIVE LOOP ASSEMBLY, FURNISH & INSTALL, 2 LOOPS	EA	6.000	6.000
		0695- 7-132	TRAFFIC MONOTORING SITE CABINET, FURNISH & INSTALL, TYPE 3, PEDESTAL MOUNT	EA	1.000	1.000
		0700- 5- 22	INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL, OVERHEAD MOUNT, 12-18 SF	EA	6.000	6.000

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF PAY ITEMS OPTION B

SHEET NO. 11

FLORIDA DEPARTMENT OF TRANSPORTATION
PROJECT SUMMARY OF PAY ITEMS
FOR PROJECT: 238275-2-52-01

LEAD PROJECT : 238275-2-52-01 | DISTRICT : 05 | COUNTY/SECTION : 11130000

PROJECT(S) : 23827525201B | COUNTY : LAKE

0550 SUMMARY OF INTELLIGENT TRANSPORTATION SYSTEM

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201B	QUANTITY TOTAL
		0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	12155.000	12155.000
		0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	150.000	150.000
		0633- 1-121	FIBER OPTIC CABLE, F&I, UNDERGROUND,2-12 FIBERS	LF	205.000	205.000
		0633- 1-123	FIBER OPTIC CABLE, F&I, UNDERGROUND,49-96 FIBERS	LF	13075.000	13075.000
		0633- 2- 31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	EA	192.000	192.000
		0633- 2- 32	FIBER OPTIC CONNECTION, INSTALL, TERMINATION	EA	216.000	216.000
		0633- 3- 11	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE	EA	6.000	6.000
		0633- 3- 12	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY	EA	6.000	6.000
		0633- 3- 15	FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED PATCH PANEL	EA	4.000	4.000
		0635- 2- 11	PULL & SPLICE BOX, F&I, 13" X 24" COVER SIZE	EA	8.000	8.000
		0635- 2- 13	PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND COVER SIZE	EA	23.000	23.000
		0639- 1-112	ELECTRICAL POWER SERVICE, F&I, OVERHEAD METER PURCHED BY CONTRACTOR FROM POWER COMPANY	AS	2.000	2.000
		0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	3405.000	3405.000
		0639- 3- 12	ELECTRICAL SERVICE DISCONNECT, F&I, CABINET	EA	3.000	3.000
		0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	2.000	2.000
		0641- 2- 13	PRESTRESSED CONCRETE POLE, F&I, TYPE P-III	EA	1.000	1.000
		0641- 3-163	CONCRETE CCTV POLE, FURNISH & INSTALL WITH LOWERING DEVICE , 63'	EA	1.000	1.000
		0641- 3-175	CONCRETE CCTV POLE, FURNISH & INSTALL WITH LOWERING DEVICE , 75'	EA	1.000	1.000
		0660- 3- 11	VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL CABINET EQUIPMENT	EA	2.000	2.000
		0660- 3- 12	VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL, ABOVE GROUND EQUIPMENT	EA	2.000	2.000
		0676- 2-111	ITS CABINET, FURNISH & INSTALL, POLE MOUNT, 336, 24" W X 36" H X 20" D	EA	3.000	3.000
		0682- 1-133	ITS CCTV CAMERA, F&I, DOME ENCLOSURE - NON-PRESSURIZED, IP , HIGH DEFINITION	EA	2.000	2.000
		0684- 1- 1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	EA	3.000	3.000
		0684- 2- 1	DEVICE SERVER, FURNISH & INSTALL	EA	3.000	3.000
		0684- 3- 11	DIGITAL VIDEO ENCODER WITH SOFTWARE DECODER FURNISH & INSTALL HARDENED ENCODER	EA	2.000	2.000
		0685-106-	SYSTEM AUXILIARIES, F&I, UNINTERRUPTIBLE POWER SOURCE	EA	3.000	3.000

03/25/2016 11:23:53 AM

FLORIDA DEPARTMENT OF TRANSPORTATION
PROJECT SUMMARY OF PAY ITEMS
FOR PROJECT: 238275-2-52-01

LEAD PROJECT : 238275-2-52-01 | DISTRICT : 05 | COUNTY/SECTION : 11130000

PROJECT(S) : 23827525201B | COUNTY : LAKE

0400 SUMMARY OF LIGHTING

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201B	QUANTITY TOTAL
		0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	24546.000	24546.000
		0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	572.000	572.000
		0630- 2- 15	CONDUIT, FURNISH & INSTALL, BRIDGE MOUNT	LF	100.000	100.000
		0635- 2- 11	PULL & SPLICE BOX, F&I, 13" X 24" COVER SIZE	EA	159.000	159.000
		0715- 1- 12	LIGHTING CONDUCTORS, F&I, INSULATED, NO.8 - 6	LF	77251.000	77251.000
		0715- 1- 13	LIGHTING CONDUCTORS, F&I, INSULATED, NO 4 TO NO 2	LF	23459.000	23459.000
		0715- 4-133	LIGHT POLE COMPLETE, F&I, WIND SPEED 110, POLE HEIGHT 50'	EA	127.000	127.000
		0715- 7- 12	LOAD CENTER, F&I, PRIMARY VOLTAGE	EA	1.000	1.000
		0715- 11-125	LUMINAIRE, F&I, UNDER DECK, WALL MOUNT	EA	5.000	5.000
		0715-500- 1	POLE CABLE DISTRIBUTION SYSTEM, CONVENTIONAL	EA	119.000	119.000
		0715-500- 3	POLE CABLE DISTRIBUTION SYSTEM, WALL MOUNT	EA	12.000	12.000
T		0715-516-115	LIGHT POLE COMPLETE-SPECIAL DESIGN, F&I, POLE TOP MOUNT, ALUMINUM, 15'	EA	4.000	4.000

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF PAY ITEMS OPTION B

SHEET NO. 12

FLORIDA DEPARTMENT OF TRANSPORTATION
PROJECT SUMMARY OF PAY ITEMS
FOR PROJECT: 238275-2-52-01

LEAD PROJECT : 238275-2-52-01 | DISTRICT : 05 | COUNTY/SECTION : 11130000

PROJECT(S) : 23827525201B | COUNTY : LAKE

0100 SUMMARY OF STRUCTURES

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201B	23827525201B BR# 110094	QUANTITY TOTAL
		0400- 2- 4	CONC CLASS II, BRIDGE SUPERSTRUCTURE	CY		114.700	114.700
		0400- 2- 5	CONCRETE CLASS II, BRIDGE SUBSTRUCTURE	CY		50.400	50.400
		0400- 2- 10	CONCRETE CLASS II, APPROACH SLABS	CY		96.600	96.600
		0400- 7-	BRIDGE DECK GROOVING, LESS THAN 8.5"	SY		444.000	444.000
		0400-147-	COMPOSITE NEOPRENE PADS	CF		2.300	2.300
		0415- 1- 4	REINFORCING STEEL - BRIDGE SUPERSTRUCTURE	LB		31114.000	31114.000
		0415- 1- 5	REINFORCING STEEL- BRIDGE SUBSTRUCTURE	LB		7378.000	7378.000
		0415- 1- 9	REINFORCING STEEL- APPROACH SLABS	LB		19000.000	19000.000
		0450- 2- 45	PREST BEAMS: FLORIDA-I BEAM 45"	LF		783.000	783.000
		0455-144- 6	TEST PILES - STEEL, HP 14 X 89	LF		2345.000	2345.000
		0458- 1- 11	BRIDGE DECK EXPANSION JOINT, NEW CONSTRUCTION, F&I POURED JOINT WITH BACKER ROD	LF		85.000	85.000
		0521- 5- 1	CONCRETE TRAFFIC RAILING, BRIDGE 32" F - SHAPE	LF		316.000	316.000
		0524- 2- 2	CONCRETE SLOPE PAVEMENT,NON REINFORCED, 4"	SY		130.000	130.000

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF PAY ITEMS
OPTION B

SHEET NO. 13

FLORIDA DEPARTMENT OF TRANSPORTATION
PROJECT SUMMARY OF PAY ITEMS
FOR PROJECT: 238275-2-52-01

LEAD PROJECT : 238275-2-52-01 | DISTRICT : 05 | COUNTY/SECTION : 11130000

PROJECT(S) : 23827525201B | COUNTY : LAKE

0101 SUMMARY OF STRUCTURES

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201B	23827525201B BR# 110095	QUANTITY TOTAL
P		0108- 1-	MONITOR EXISTING STRUCTURES- INSPECTION AND SETTLEMENT MONITORING 23827525201B	LS		1.000	1.000
P		0108- 2-	MONITOR EXISTING STRUCTURES- VIBRATION MONITORING 23827525201B	LS		1.000	1.000
P		0108- 3-	MONITOR EXISTING STRUCTURES- GROUNDWATER MONITORING 23827525201B	LS		1.000	1.000
		0110- 3-	REMOVAL OF EXISTING STRUCTURE	(LS)		1.000	1.000
		0400- 2- 4	CONC CLASS II, BRIDGE SUPERSTRUCTURE	CY		776.300	776.300
		0400- 2- 10	CONCRETE CLASS II, APPROACH SLABS	CY		115.200	115.200
		0400- 2- 25	CONCRETE CLASS II, MASS, BRIDGE SUBSTRUCTURE	CY		375.500	375.500
		0400- 9-	BRIDGE DECK GROOVING & PLANING, DECK 8.5" AND GREATER	SY		20843.000	20843.000
		0415- 1- 4	REINFORCING STEEL - BRIDGE SUPERSTRUCTURE	LB		181214.000	181214.000
		0415- 1- 5	REINFORCING STEEL- BRIDGE SUBSTRUCTURE	LB		70021.000	70021.000
		0415- 1- 9	REINFORCING STEEL- APPROACH SLABS	LB		22432.000	22432.000
		0455-143- 5	TEST PILES-PRESTRESSED CONCRETE,24" SQ	LF		2875.000	2875.000
		0458- 1- 12	BRIDGE DECK EXPANSION JOINT, NEW CONSTRUCTION, F&I STRIP SEAL	LF		97.000	97.000
		0460- 2- 20	STRUCT STEEL - NEW/WIDENING, WEATHERING	(LS)		1.000	1.000
		0461-113- 19	MULTIROTATIONAL BEARING ASSEM-FIXED, F&I, >= 2001KIPS	EA		1.000	1.000
		0461-114- 12	MULTIROTATIONAL BEARING ASSEM EXP, F&I, 251- 500KIPS	EA		4.000	4.000
		0461-114- 19	MULTIROTATIONAL BEARING ASSEM-EXPANSION,F&I, >=2001KIPS	EA		3.000	3.000
		0521- 5- 2	CONCRETE TRAFFIC RAILING, BRIDGE 42" F - SHAPE	LF		1044.000	1044.000
		0524- 2- 2	CONCRETE SLOPE PAVEMENT,NON REINFORCED, 4"	SY		21.000	21.000
T		0715- 50-	LIGHTING, INSIDE BOX GIRDER	LS		1.000	1.000

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF PAY ITEMS
OPTION B

SHEET NO. 14

DO NOT USE THE INFORMATION ON THIS SHEET FOR CONSTRUCTION PURPOSES.

THIS SHEET IS IN THE PLANS FOR DOCUMENTATION AND TO ASSIST CONSTRUCTION PERSONNEL WITH DRAINAGE CONCERNS.

STR. NO.	AREA (AC)	STR. NO.	AREA (AC)
S-301	0.95	S-319	0.11
S-303	0.66	S-320	0.04
S-304	0.12	S-322	0.12
S-305	0.42	S-323	0.05
S-306	0.28	S-324	0.15
S-307	0.45	S-325	0.13
S-308	0.24	S-328	0.32
S-310	0.58	S-329	0.27
S-311	0.70	S-330	1.46
S-312	0.25	S-331	0.38
S-313	0.97	S-332	0.18
S-314	0.57	S-333	0.18
S-315	0.89	S-334	0.27
S-316	0.34		
S-317	0.16		

STR. NO.	AREA (AC)	STR. NO.	AREA (AC)	STR. NO.	AREA (AC)
S-335	0.58	S-360	0.06	S-406	0.18
S-336	0.08	S-400	0.29	S-407	0.41
S-345	0.80	S-401	0.05		
S-346	0.23	S-403	0.55		
S-347	0.57	S-404	0.69		
S-356	0.62	S-405	0.16		
S-359	0.06				

SCALE: 1" = 200' HORIZ.
1" = 10' VERT.

0 50 200
Feet

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

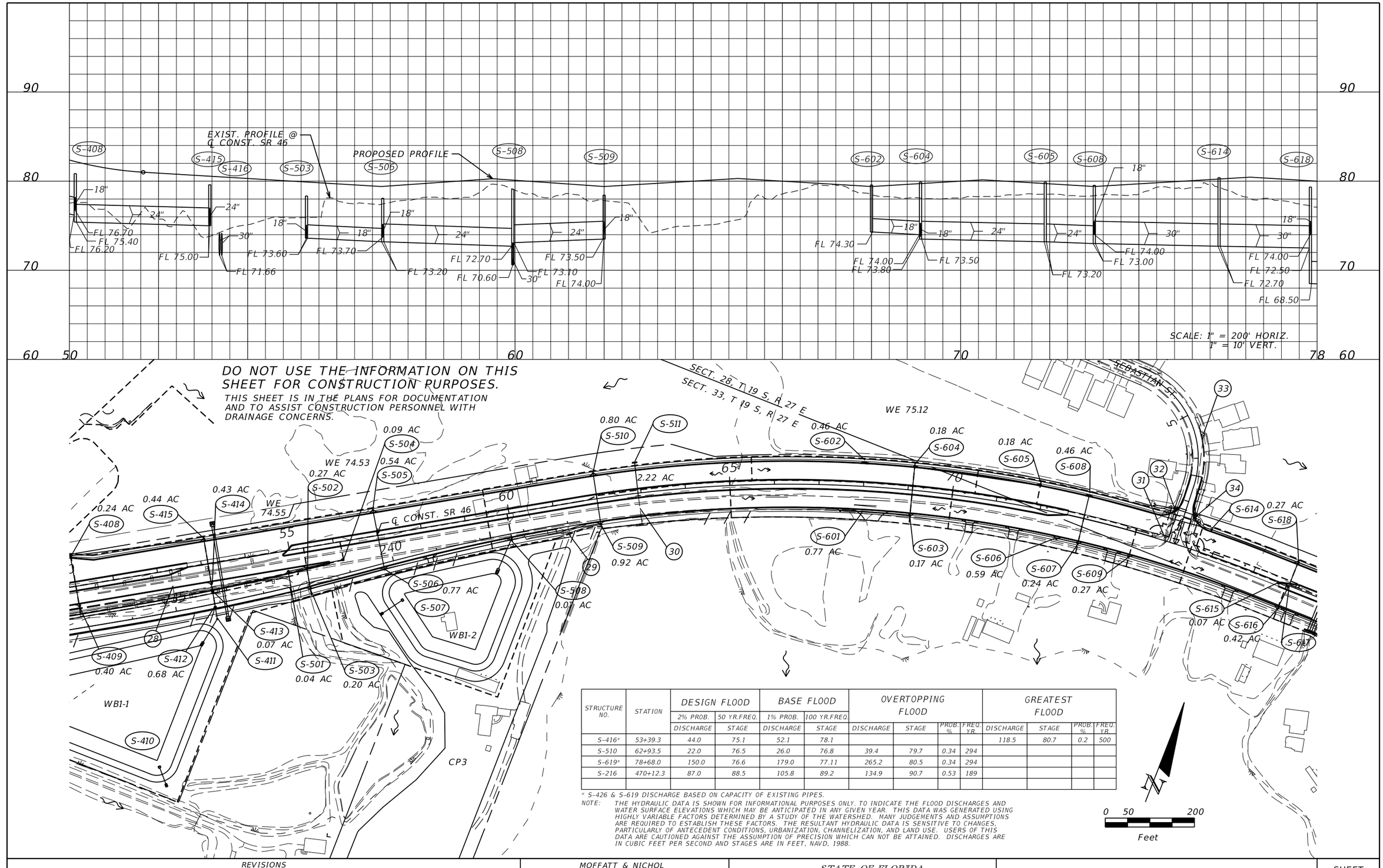
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE MAP
SR 46

SHEET NO. 15

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

jcapra 3/28/2016 10:14:14 AM P:\7844-Wekiva3B\23827525201\drainage\DRMPRD01.DGN



STRUCTURE NO.	STATION	DESIGN FLOOD		BASE FLOOD		OVERTOPPING FLOOD				GREATEST FLOOD			
		2% PROB.	50 YR.FREQ.	1% PROB.	100 YR.FREQ.								
		DISCHARGE	STAGE	DISCHARGE	STAGE	DISCHARGE	STAGE	PROB. %	FREQ. YR	DISCHARGE	STAGE	PROB. %	FREQ. YR
S-416*	53+39.3	44.0	75.1	52.1	78.1					118.5	80.7	0.2	500
S-510	62+93.5	22.0	76.5	26.0	76.8	39.4	79.7	0.34	294				
S-619*	78+68.0	150.0	76.6	179.0	77.11	265.2	80.5	0.34	294				
S-216	470+12.3	87.0	88.5	105.8	89.2	134.9	90.7	0.53	189				

* S-426 & S-619 DISCHARGE BASED ON CAPACITY OF EXISTING PIPES.

NOTE: THE HYDRAULIC DATA IS SHOWN FOR INFORMATIONAL PURPOSES ONLY. TO INDICATE THE FLOOD DISCHARGES AND WATER SURFACE ELEVATIONS WHICH MAY BE ANTICIPATED IN ANY GIVEN YEAR. THIS DATA WAS GENERATED USING HIGHLY VARIABLE FACTORS DETERMINED BY A STUDY OF THE WATERSHED. MANY JUDGEMENTS AND ASSUMPTIONS ARE REQUIRED TO ESTABLISH THESE FACTORS. THE RESULTANT HYDRAULIC DATA IS SENSITIVE TO CHANGES, PARTICULARLY OF ANTECEDENT CONDITIONS, URBANIZATION, CHANNELIZATION, AND LAND USE. USERS OF THIS DATA ARE CAUTIONED AGAINST THE ASSUMPTION OF PRECISION WHICH CAN NOT BE ATTAINED. DISCHARGES ARE IN CUBIC FEET PER SECOND AND STAGES ARE IN FEET, NAVD, 1988.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

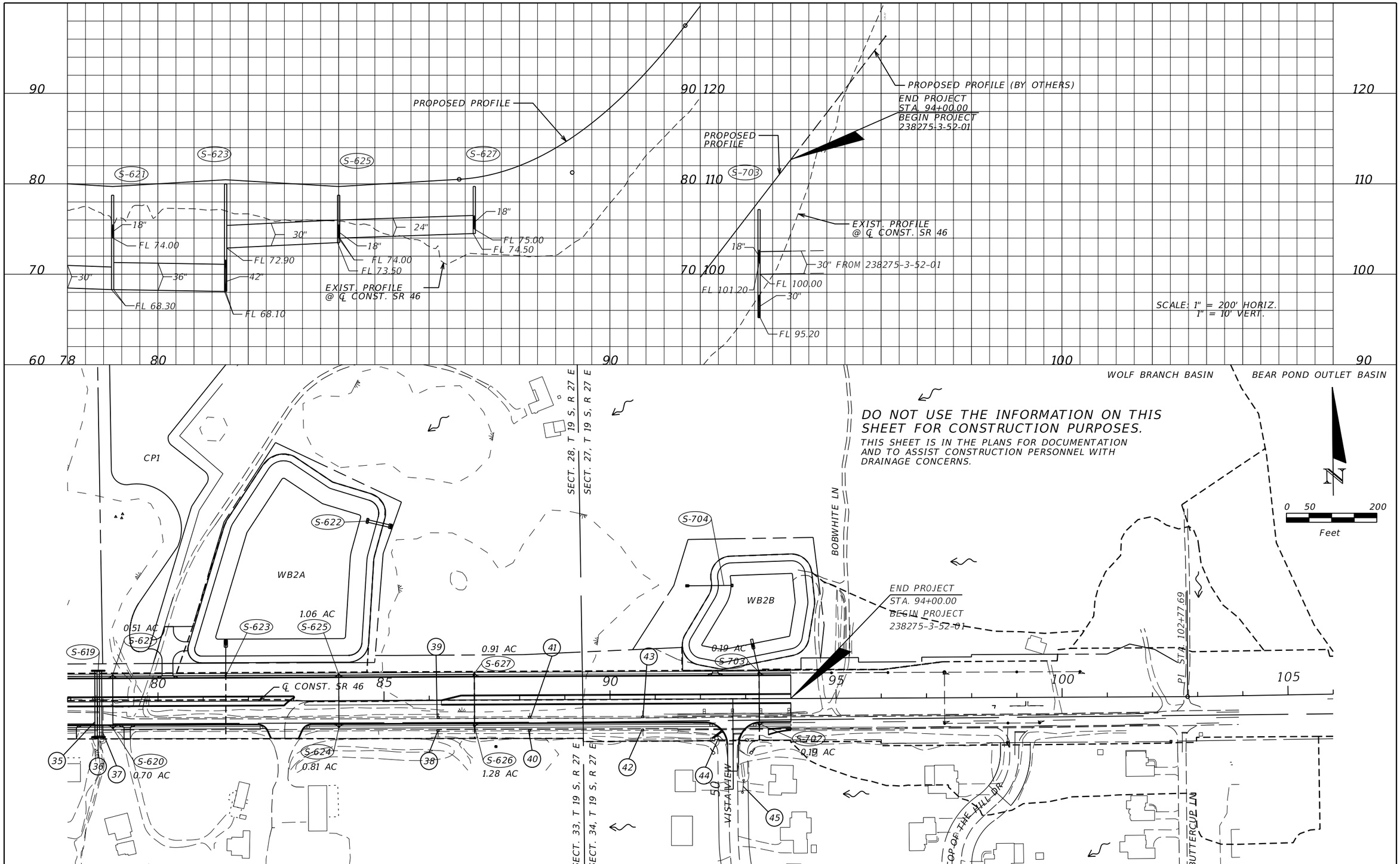
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE MAP
SR 46

SHEET NO. 16

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

jcapra 3/28/2016 10:14:16 AM P:\7844-Wekiva3B\23827525201\drainage\DRMPRD02.DGN



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

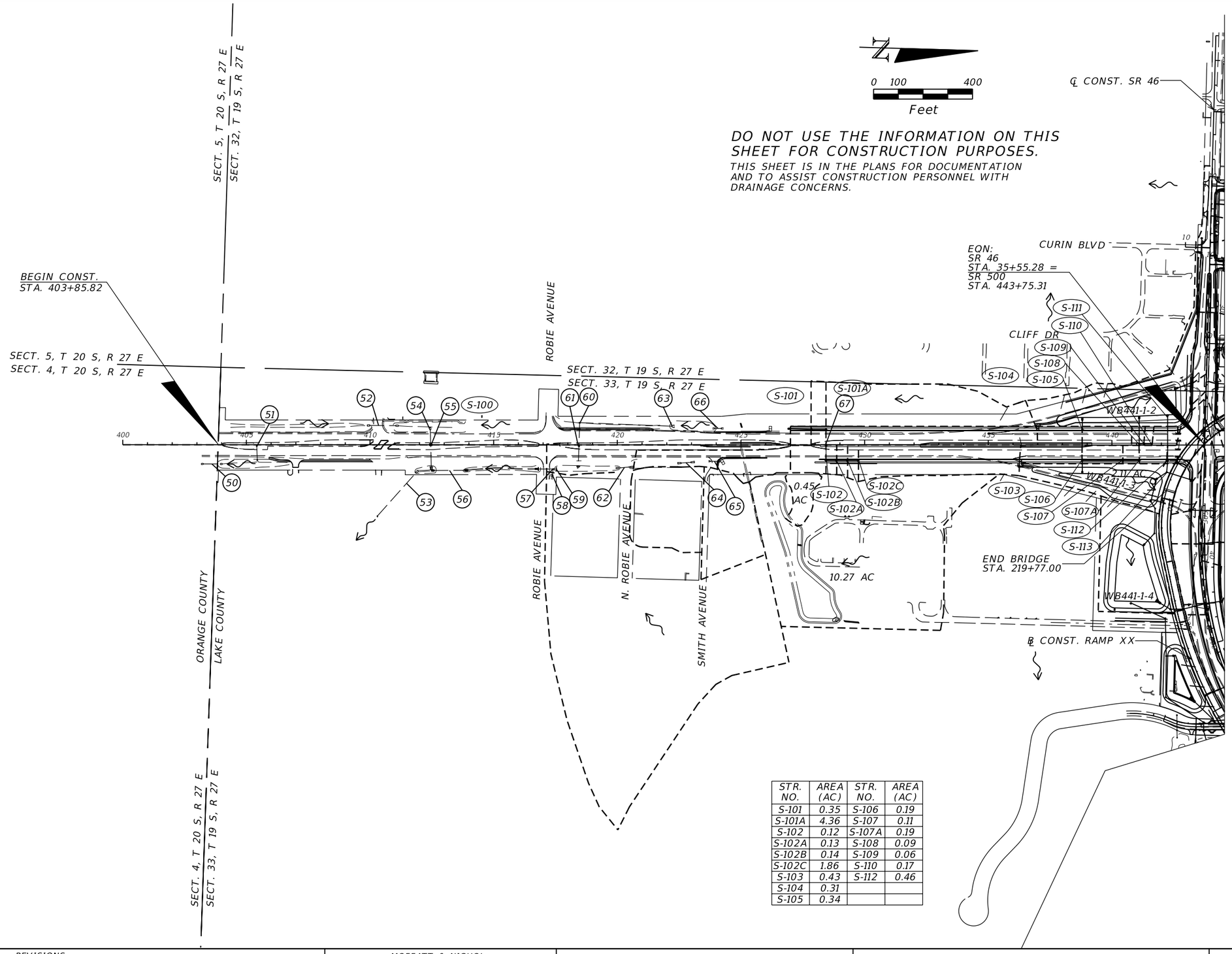
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE MAP
SR 46

SHEET NO.
17

jcapra 3/28/2016 10:14:17 AM P:\7844-Wekiva3B\23827525201\drainage\DRMPRD03.DGN



STR. NO.	AREA (AC)	STR. NO.	AREA (AC)
S-101	0.35	S-106	0.19
S-101A	4.36	S-107	0.11
S-102	0.12	S-107A	0.19
S-102A	0.13	S-108	0.09
S-102B	0.14	S-109	0.06
S-102C	1.86	S-110	0.17
S-103	0.43	S-112	0.46
S-104	0.31		
S-105	0.34		

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

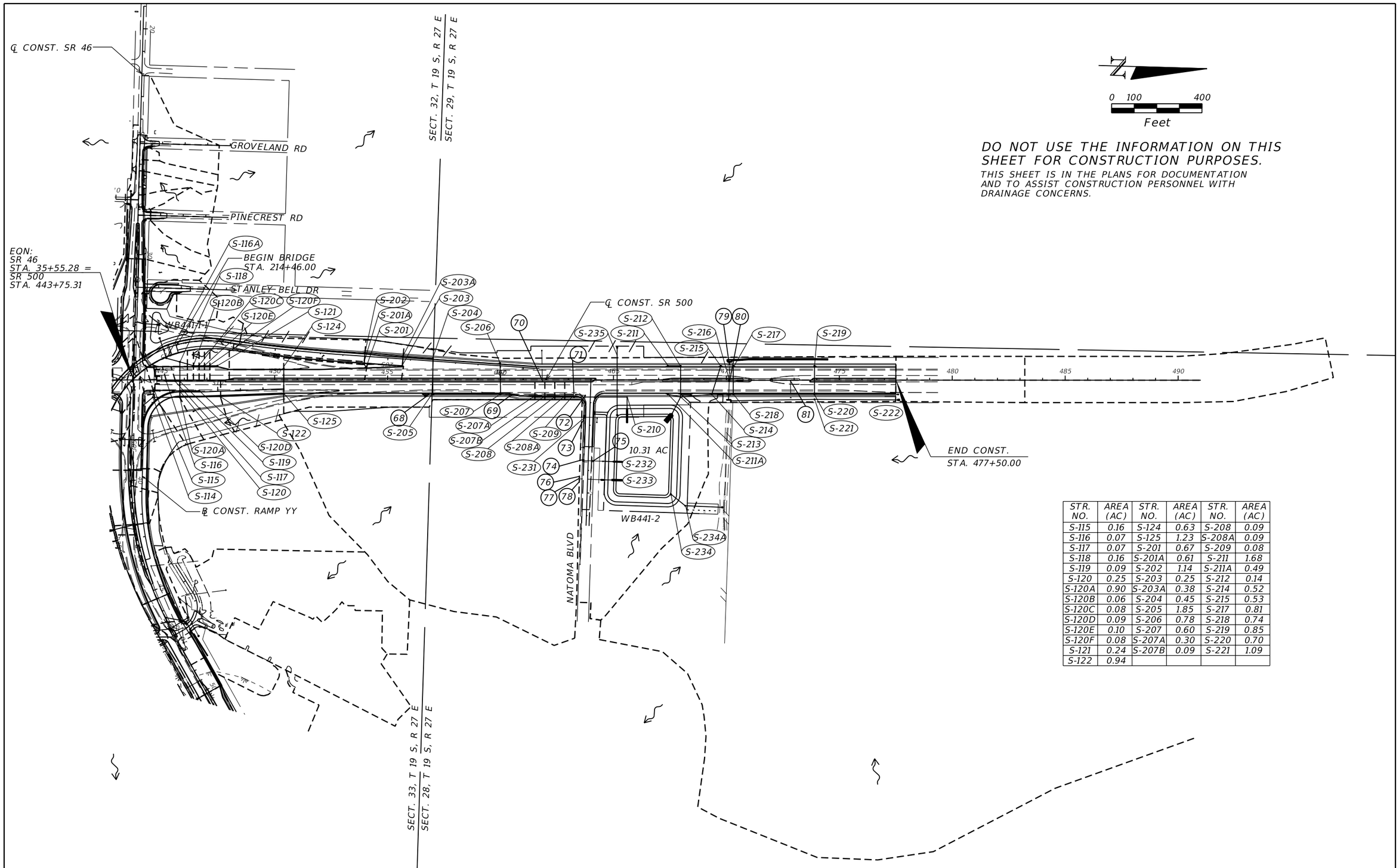
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE MAP
SR 500

SHEET NO. 18

jcapra 3/28/2016 10:14:19 AM P:\7844-Wekiva3B\23827525201\drainage\DRMPRD04.DGN

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



STR. NO.	AREA (AC)	STR. NO.	AREA (AC)	STR. NO.	AREA (AC)
S-115	0.16	S-124	0.63	S-208	0.09
S-116	0.07	S-125	1.23	S-208A	0.09
S-117	0.07	S-201	0.67	S-209	0.08
S-118	0.16	S-201A	0.61	S-211	1.68
S-119	0.09	S-202	1.14	S-211A	0.49
S-120	0.25	S-203	0.25	S-212	0.14
S-120A	0.90	S-203A	0.38	S-214	0.52
S-120B	0.06	S-204	0.45	S-215	0.53
S-120C	0.08	S-205	1.85	S-217	0.81
S-120D	0.09	S-206	0.78	S-218	0.74
S-120E	0.10	S-207	0.60	S-219	0.85
S-120F	0.08	S-207A	0.30	S-220	0.70
S-121	0.24	S-207B	0.09	S-221	1.09
S-122	0.94				

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE MAP
SR 500

SHEET NO. 19

(1) DBI
15" RCP
FL 143.79 W
FL 143.55 E

(2) 18" CMP
FL 144.41 W
FL 144.33 E

(3) INLET
18" RCP
FL 143.46 W
FL 142.12 E

(4) 18" CMP
FL 144.14 W
FL 144.07 E

(5) INLET
18" RCP
FL 142.06 W
FL 141.91 E

(6) INLET
18" RCP
FL 141.88 W
FL 141.06 E

(7) INLET
18" RCP
FL 140.98 W
FL 140.83 E

(8) INLET
18" RCP
FL 140.90 W
FL 140.60 E (EW)

(9) 24" RCP
FL 137.27 W (EW)
FL 136.93 E (EW)

(10) 24" RCP
FL 137.22 W (EW)
FL 137.08 E (EW)

(11) 24" RCP
FL 125.36 W (EW)
FL 124.64 E (EW)

(12) 24" RCP
FL 124.75 W (EW)
FL 124.46 E (EW)

(13) DBI
24" RCP
FL 105.24 S
FL 104.05 N

(14) DBI
42" RCP
FL 103.35 W
FL 102.98 E (MES)

(15) MH
24" RCP
FL 85.92 W
FL 78.31 E

(16) CTRL STR
GRATE EL. 88.30
WEIR EL. 87.80
36" RCP
FL 82.74 W
FL 79.16 E

(17) 18" RCP
FL 80.15 W (MES)
FL 86.27 E (MES)

(18) 30" RCP
FL 82.27 W (MES)
FL 78.01 E

(19) MH
18" RCP
FL 76.89 SW (MES)
FL 77.30 NE

(20) DBI
18" RCP
FL 78.29 S
FL 77.44 N

(21) DBI
18" RCP
FL 84.16 NE
FL 71.64 SW

(22) DBI
15"x21" CMP
FL 74.54 W
FL 74.61 E

(23) DBI
30" CMP
FL 74.18 W
FL 74.08 E (MES)

(24) MH
36" RCP
FL 77.93 SW
FL 72.45 NE

(25) MH
36" RCP
FL 78.25 SW
FL 77.86 NE (MES)

(26) 24" RCP
FL 73.77 NW (BURIED)
FL 72.46 SE

(27) MH
24" RCP
FL 72.57 NW
FL 71.59 SE (BURIED)

(28) 24" RCP
FL 72.40 N (MES)
FL 72.29 S (MES)

(29) 6" PVC
FL 77.31 W
FL 76.87 E

(30) 24" RCP
FL 73.54 N (EW)
FL 73.42 S (EW)

(31) INLET
18" RCP
FL 73.30 S
FL 73.65 N

(32) INLET
36" RCP
FL 73.68 E
FL 73.53 W (EW)

(33) INLET
24" RCP
FL 77.98 N
FL 74.70 S

(34) INLET
36" RCP
FL 73.43 E
FL 73.55 W

(35) 36" RCP
FL 72.54 N
FL 72.44 S

(36) 36" RCP
FL 72.37 N
FL 72.41 S

(37) 36" RCP
FL 73.08 N
FL 72.50 S

(38) INLET
15" RCP
FL 74.06 N
FL 73.65 S

(39) INLET
15" RCP
FL 73.79 S
FL 73.51 E

(40) INLET
15" RCP
FL 75.36 N
FL 74.70 S

(41) INLET
15" RCP
FL 73.84 S
FL 73.52 N

(42) INLET
15" RCP
FL 84.87 N
FL 84.44 S

(43) INLET
15" RCP
FL 85.39 S
FL 83.92 N

(44) 19"x30" RCP
FL 100.79 E (MES)
FL 96.94 W (MES)

(45) 15" CMP
FL 108.28 S (MES)
FL 107.29 N (MES)

(50) 18" CMP
FL 75.28 S (MES)
FL 75.29 N (MES)

(51) DBI
18" RCP
FL 75.79 W
FL 75.61 E (EW)

(52) 24" RCP
FL 76.36 N (MES)
FL 76.73 S (MES)

(53) MH
36" RCP
FL 69.77 E
FL 71.11 W (MES)

(54) 24" RCP
FL 75.43 W (MES)
FL 75.16 E

(55) DBI
24" RCP
FL 74.90 W
FL 72.30 E (EW)

(56) 30" RCP
FL 71.28 N (MES)
FL 70.85 S (MES)

(57) MH
30" RCP
FL 72.53 N
FL 72.49 S (EW)

(58) 18" RCP
FL 75.53 E (MES)
FL 75.02 W

(59) 30" RCP
FL 72.67 N (EW)
FL 72.53 S

(60) DBI
30" RCP
FL 73.44 W
FL 72.72 E

(61) DBI
30" RCP
FL 72.75 W
FL 72.81 E (EW)

(62) 24" CMP
FL 79.88 N
FL 77.69 S

(63) 24" CMP
FL 90.87 N (MES)
FL 73.65 S

(64) 18" CMP
FL 92.91 N
FL 90.70 S

(65) 18" CMP
FL 98.97 N (MES)
FL 97.08 S (MES)

(66) 24" CMP
FL 100.04 N (MES)
FL 99.07 S (MES)

(67) DBI
18" RCP
FL 112.44 W
FL 112.26 E (EW)

(68) 24" CMP
FL 123.47 S (MES)
FL 121.74 N (MES)

(69) DBI
18" RCP
FL 106.66 S
FL 95.76 N

(70) DBI
18" RCP
FL 100.42 E
FL 84.87 W (EW)

(71) DBI
18" RCP
FL 95.62 S
FL 94.37 N

(72) MH
18" RCP
FL 94.02 W
FL 84.93 E

(73) INLET
18" RCP
FL 84.82 W
FL 79.01 E

(74) INLET
36" RCP
FL 77.94 S
FL 77.84 N

(75) INLET
18" RCP
FL 79.13 S
FL 79.20 N (EW)

(76) DBI
24" RCP
FL 78.66 W
FL 78.61 E

(77) DBI
36" RCP
FL N/A S
FL 76.86 N (EW)

(78) DBI
24" RCP
FL 78.78 E
FL 78.65 W

(79) 48" RCP
FL 82.81 W (EW)
FL 82.65 E

(80) DBI
48" RCP
FL 82.65 W
FL 82.47 E (EW)

(81) DBI
18" RCP
FL 85.16 W
FL 83.16 E (EW)

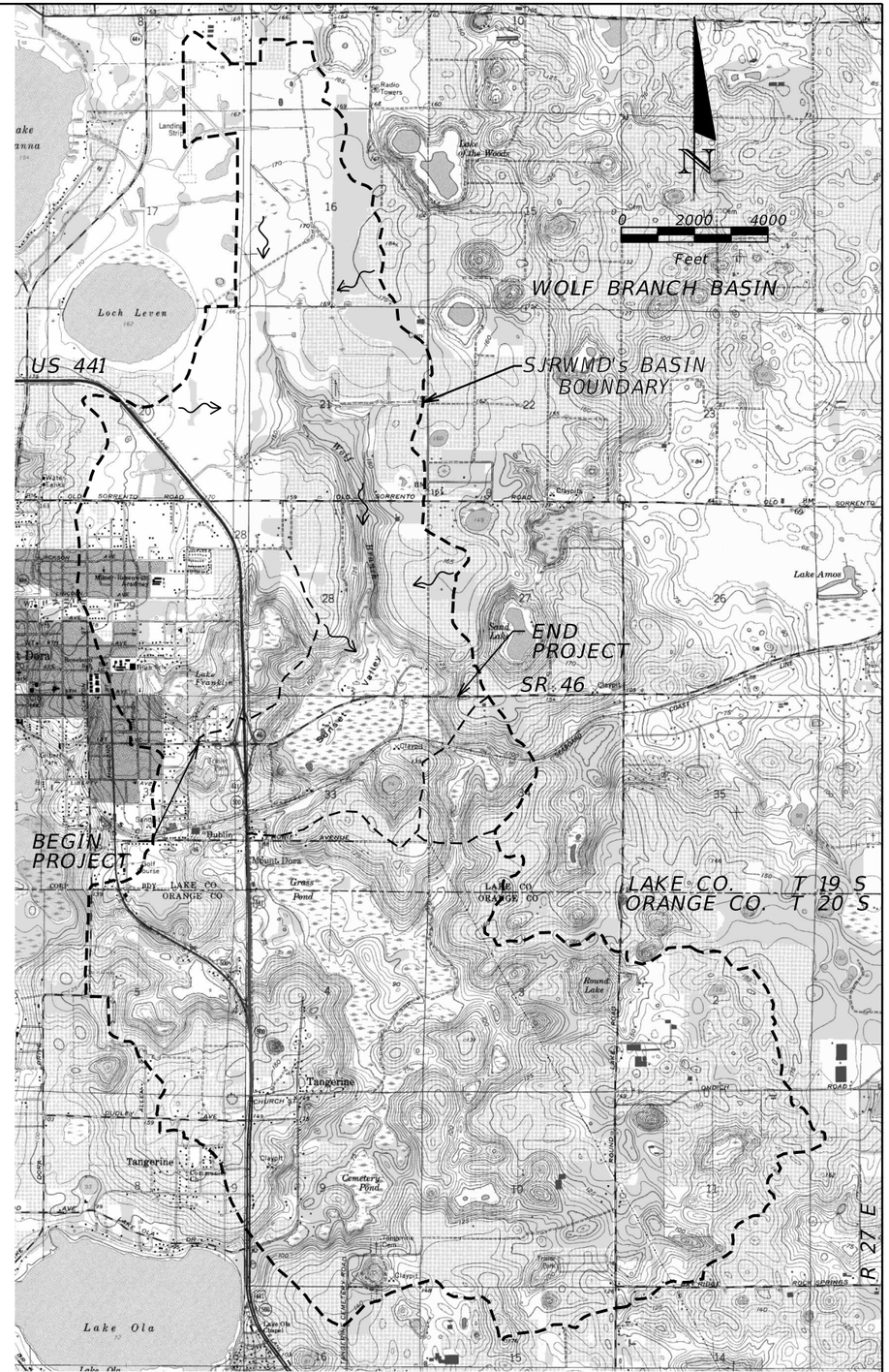
(90) DBI
24" RCP
FL 93.18 N
FL 85.40 S

(91) DBI
15" RCP
FL 88.80 NW
FL 86.93 SE

(92) DBI
36" RCP
FL 78.87 N
FL 78.47 S (MES)

(93) DBI
36" RCP
FL 78.87 N
FL 78.47 S (MES)

(94) MH
24" RCP
FL 89.56 N
FL 85.47 S



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE MAP

SHEET NO. 20

jcapra 3/28/2016 10:14:22 AM P:\7844-Wekiva3B\23827525201\drainage\drmprd06.dgn

NEW CONSTRUCTION/ WIDENING

OPTIONAL BASE GROUP 9 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1 ½") (PG 76-22 (PMA))
AND FRICTION COURSE FC-12.5 (1 ½") (PG 76-22 (PMA))

MILLING

MILL EXISTING ASPHALT
PAVEMENT FOR DEPTH (3")

RESURFACING

TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1 ½") (PG 76-22 (PMA))
AND FRICTION COURSE FC-12.5 (1 ½") (PG 76-22 (PMA))

OVERBUILD
(WB STA. 25+50.00 TO STA. 32+60.00)
(EB STA. 25+50.00 TO STA. 32+50.00)

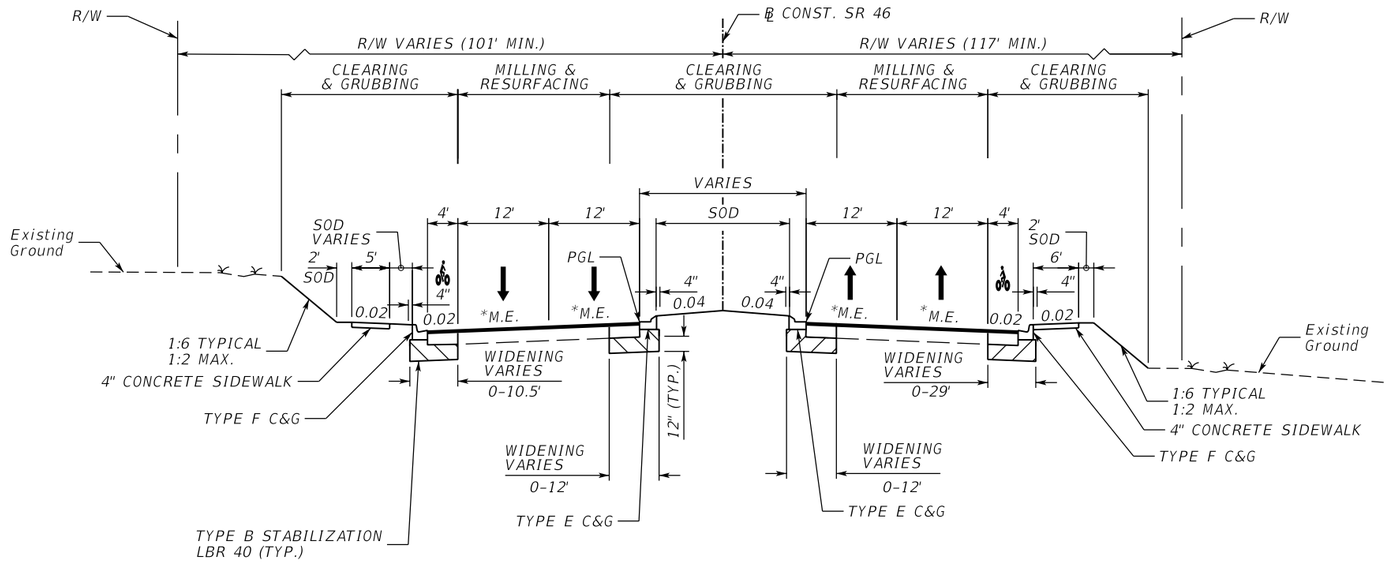
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (PG 76-22 (PMA))
THICKNESS VARIES (0.00" TO 0.44') LT, (0.00" TO 0.52') RT

NOTE:

1. ACTUAL WIDTH OF BASE WIDENING MAY VARY DUE TO ACTUAL EXISTING PAVEMENT WIDTH. CONTRACTOR MAY ELECT TO PLACE UNIFORM WIDTH BASE WIDENING STRIP AT NO ADDITIONAL COST TO THE DEPARTMENT.

TRAFFIC DATA

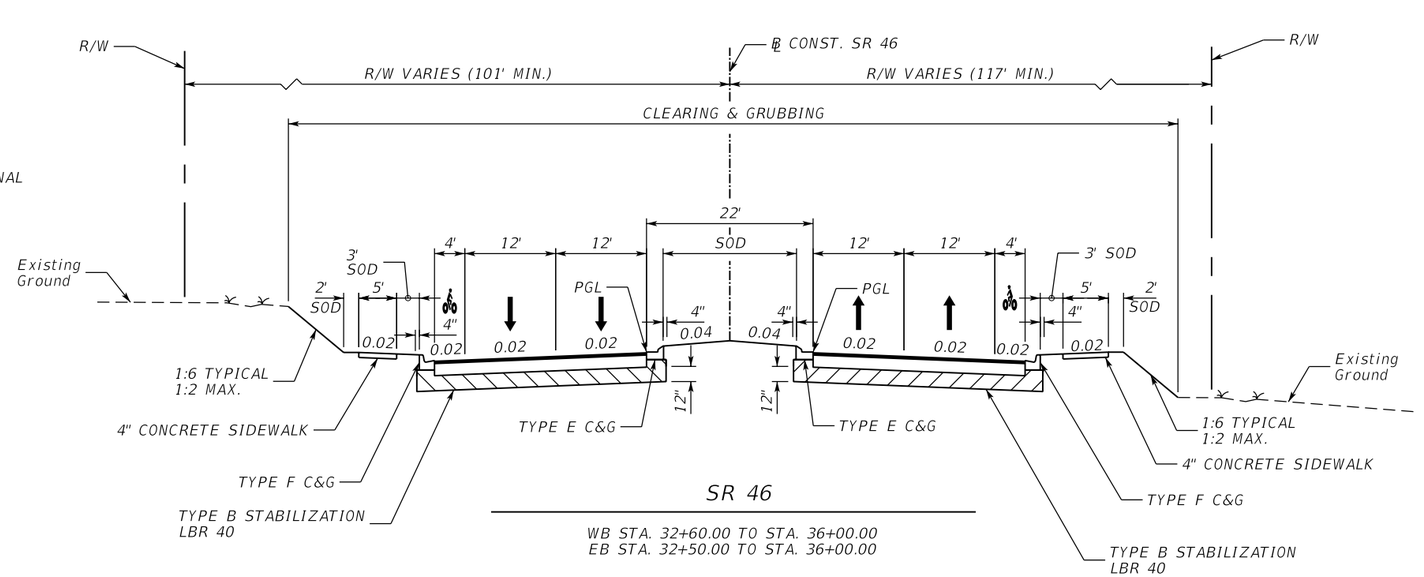
CURRENT YEAR = 2012 AADT = 6,400
ESTIMATED OPENING YEAR = 2019 AADT = 7,100
ESTIMATED DESIGN YEAR = SR 4 AADT = 9,200
K = 9.0% D = 54.9% T = 11.7% (24 HOUR)
DESIGN HOUR T = 6.5%
DESIGN SPEED = 45 MPH
POSTED SPEED = 45 MPH



SR 46

WB STA. 24+70.00 TO STA. 32+60.00
EB STA. 24+70.00 TO STA. 32+50.00

*M.E. = MATCH EXISTING



SR 46

WB STA. 32+60.00 TO STA. 36+00.00
EB STA. 32+50.00 TO STA. 36+00.00

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

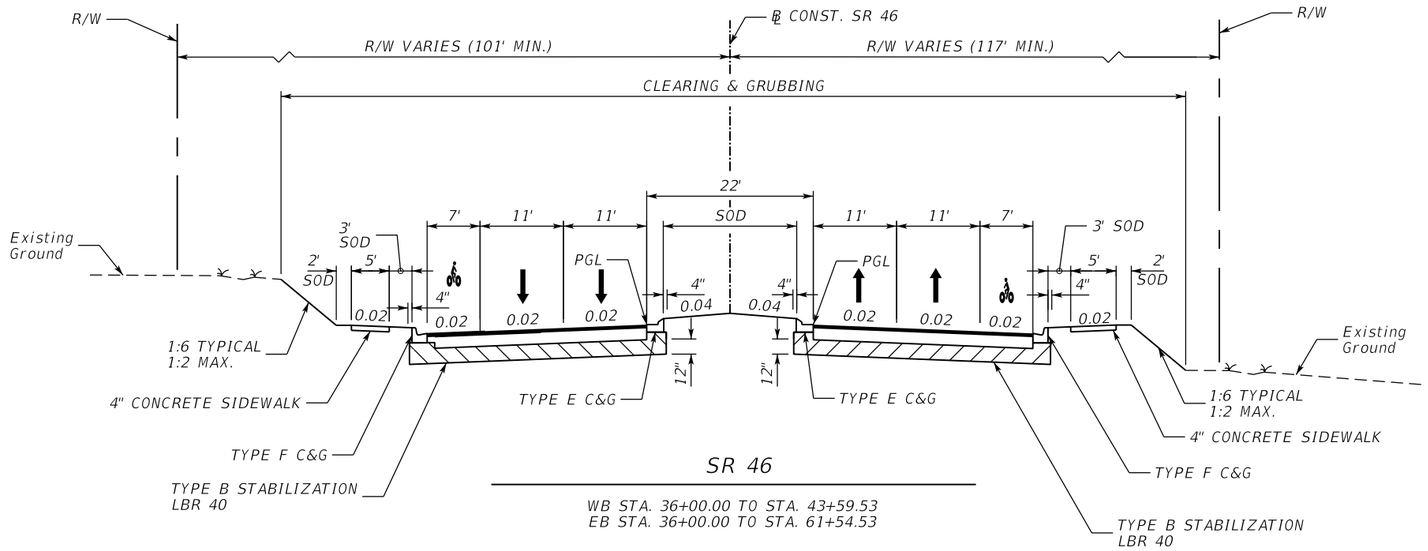
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

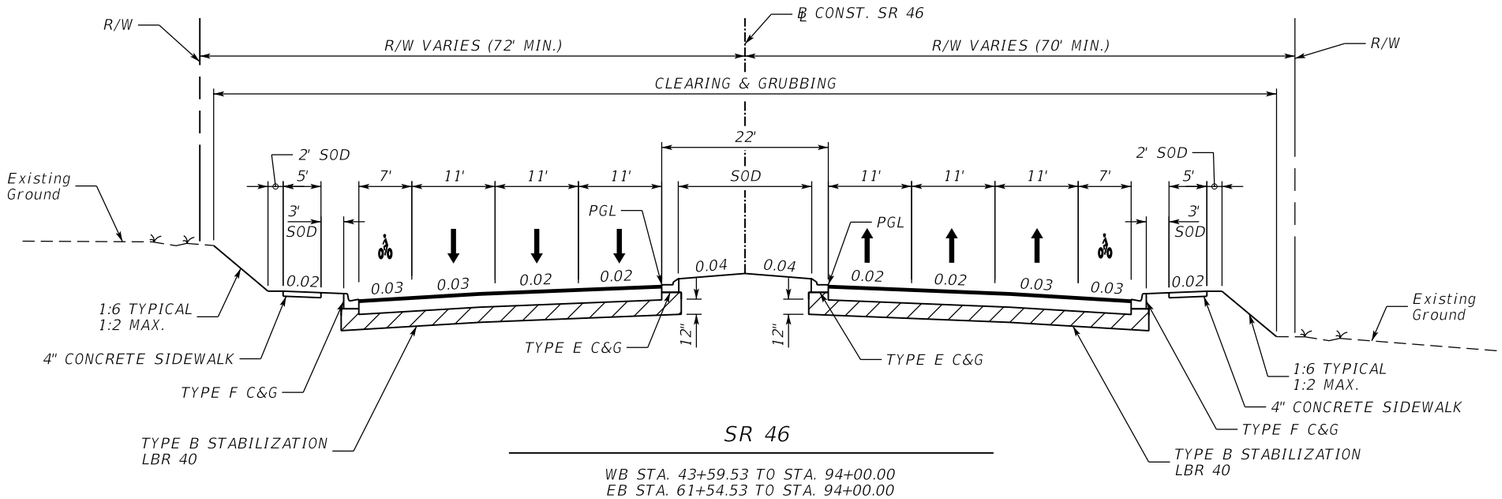
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TYPICAL SECTION

SHEET NO. 21





TRAFFIC DATA

CURRENT YEAR = 2012 AADT = 11,000
ESTIMATED OPENING YEAR = 2019 AADT = 18,000
ESTIMATED DESIGN YEAR = SR 4 AADT = 39,000
K = 9.0% D = 54.9% T = 11.7% (24 HOUR)
DESIGN HOUR T = 6.5%
DESIGN SPEED = 45 MPH
POSTED SPEED = 45 MPH

NEW CONSTRUCTION

OPTIONAL BASE GROUP 9 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1 ½") (PG 76-22 (PMA))
AND FRICTION COURSE FC-12.5 (1 ½") (PG 76-22 (PMA))

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TYPICAL SECTION

SHEET NO. 22

jcapra 3/28/2016 10:14:42 AM P:\7844-Wekiva3B\23827525201\roadway\typsrd02.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SR 500 & ROBIE AVENUE MILLING

MILL EXISTING ASPHALT
PAVEMENT FOR DEPTH (3 ¾")

SR 500 & ROBIE AVENUE RESURFACING

TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3") (PG 76-22 (PMA))
AND FRICTION COURSE FC-5 (¾") (PG 76-22 (PMA))

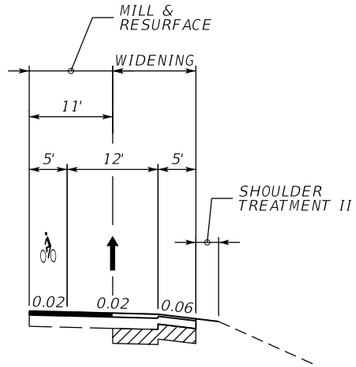
SHOULDER, TURN LANE & CROSSOVER* MILLING

MILL EXISTING ASPHALT
PAVEMENT FOR DEPTH (1 ¾")

SHOULDER, TURN LANE & CROSSOVER* RESURFACING

TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1") (PG 76-22 (PMA))
AND FRICTION COURSE FC-5 (¾") (PG 76-22 (PMA))

*LEAVE FC-5 OFF CROSSOVERS PER
CROSSOVER PAVEMENT DETAIL BELOW



TURN LANE WIDENING DETAIL

STA. 405+90.98 TO STA. 409+99.50
STA. 417+63.20 TO STA. 521+45.55

TURN LANE WIDENING

OPTIONAL BASE GROUP 9 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3") (PG 76-22 (PMA))
AND FRICTION COURSE FC-5 (¾") (PG 76-22 (PMA))

SHOULDER PAVEMENT

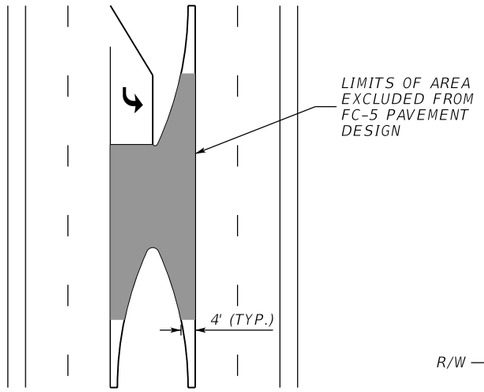
OPTIONAL BASE GROUP 1 WITH
FRICTION COURSE FC-9.5 (TRAFFIC C) (1") (PG 76-22 (PMA))

MILLING

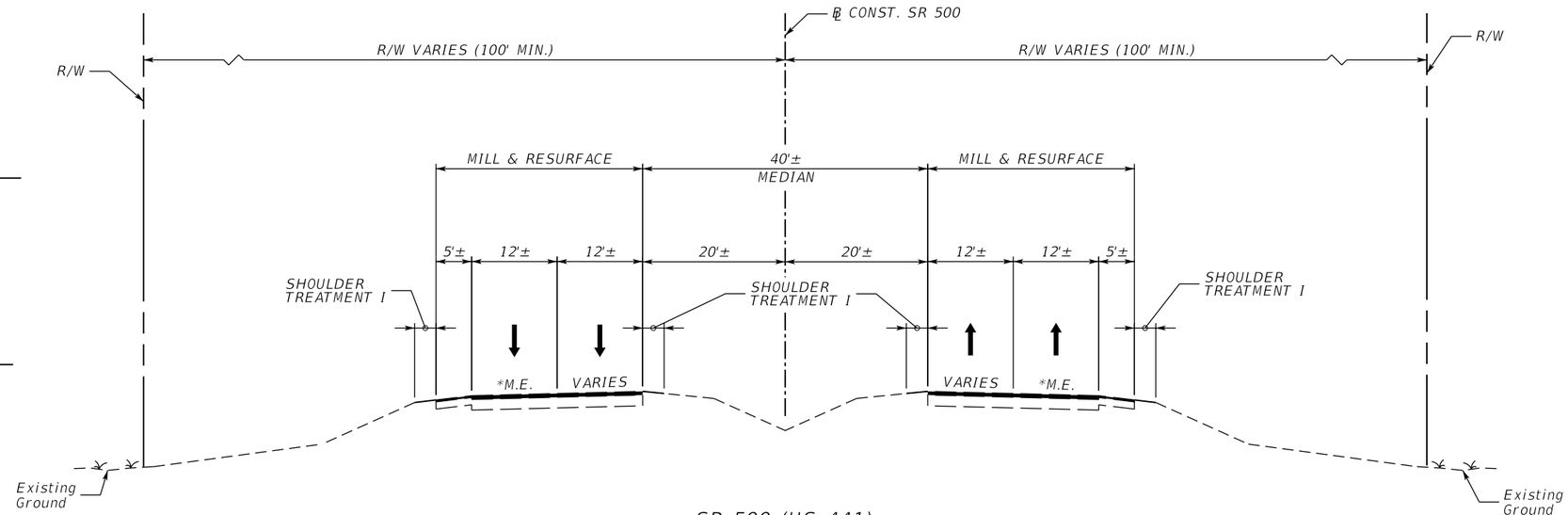
MILL EXISTING ASPHALT
PAVEMENT FOR DEPTH (3 ¾")**

RESURFACING

TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3") (PG 76-22 (PMA))
AND FRICTION COURSE FC-5 (¾") (PG 76-22 (PMA))



CROSSOVER PAVEMENT DETAIL



SR 500 (US 441)

STA. 403+85.82 TO STA. 427+00.00

*M.E. = MATCH EXISTING

**SEE MILLING AND RESURFACING DETAIL
FOR ADDITIONAL INFORMATION

TRAFFIC DATA
STA. 403+85.82 TO STA. 443+75.00

CURRENT YEAR = 2012 AADT = 28,000
ESTIMATED OPENING YEAR = 2019 AADT = 34,500
ESTIMATED DESIGN YEAR = 2039 AADT = 53,500
K = 9.0% D = 57.4% T = 8.1% (24 HOUR)
DESIGN HOUR T = 4.1%
DESIGN SPEED = 50 MPH
POSTED SPEED = 50 MPH

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TYPICAL SECTION

SHEET NO. 23

NEW CONSTRUCTION

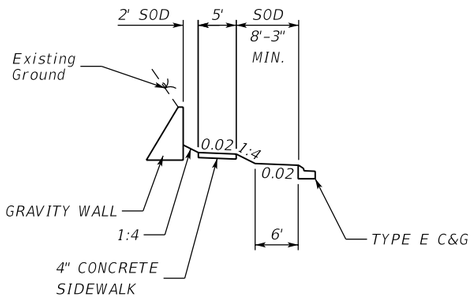
OPTIONAL BASE GROUP 9 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3") (PG 76-22 (PMA))
AND FRICTION COURSE FC-5 (¾") (PG 76-22 (PMA))

VARIABLE MILLING

MILL EXISTING ASPHALT
PAVEMENT FOR SLOPE (3 1/4" AVG. DEPTH)

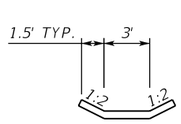
RESURFACING

TYPE SP STRUCTURAL COURSE (TRAFFIC C) (2 1/2") (PG 76-22 (PMA))
AND FRICTION COURSE FC-5 (¾") (PG 76-22 (PMA))



GRAVITY WALL DETAIL

TRANSITION SIDEWALK OVER 50'



CONCRETE DITCH PAVEMENT DETAIL

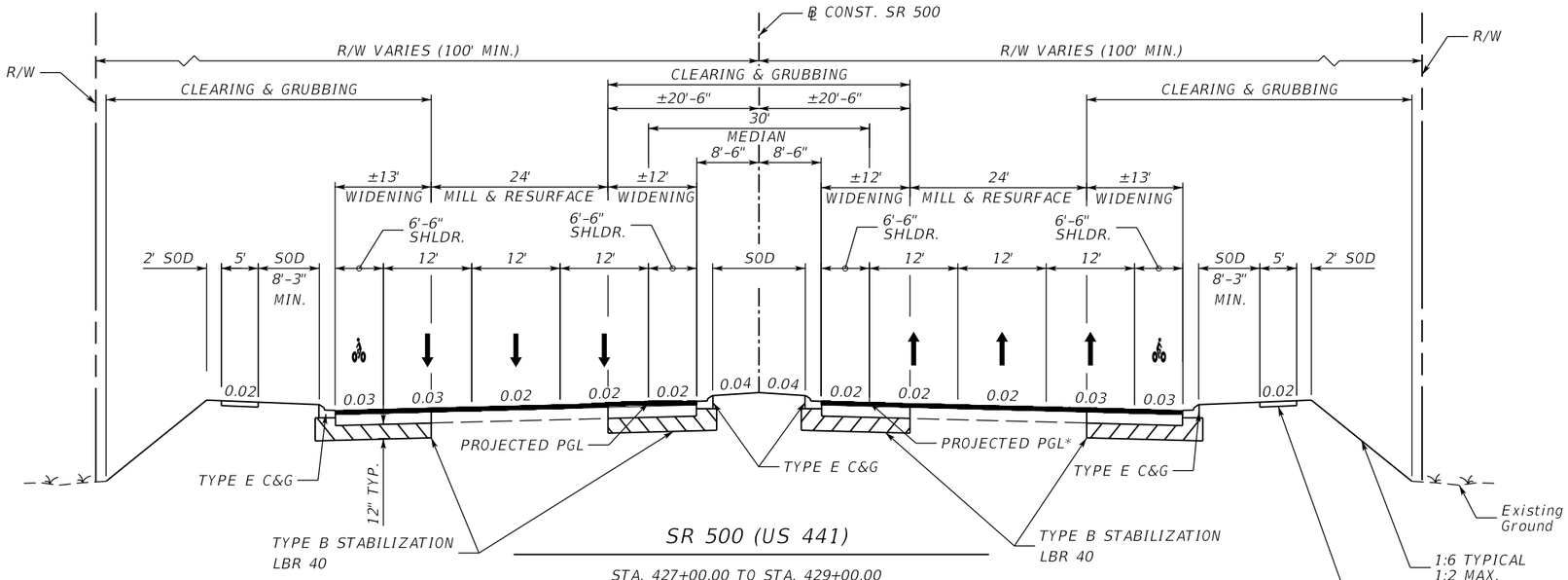
STA. 470+30.00 TO STA. 473+50.00

TRAFFIC DATA
STA. 403+85.82 TO STA. 443+75.00

CURRENT YEAR = 2012 AADT = 28,000
ESTIMATED OPENING YEAR = 2019 AADT = 34,500
ESTIMATED DESIGN YEAR = 2039 AADT = 53,500
K = 9.0% D = 57.4% T = 8.1% (24 HOUR)
DESIGN HOUR T = 4.1%
DESIGN SPEED = 50 MPH
POSTED SPEED = 50 MPH

TRAFFIC DATA
STA. 443+75.00 TO STA. 477+50.00

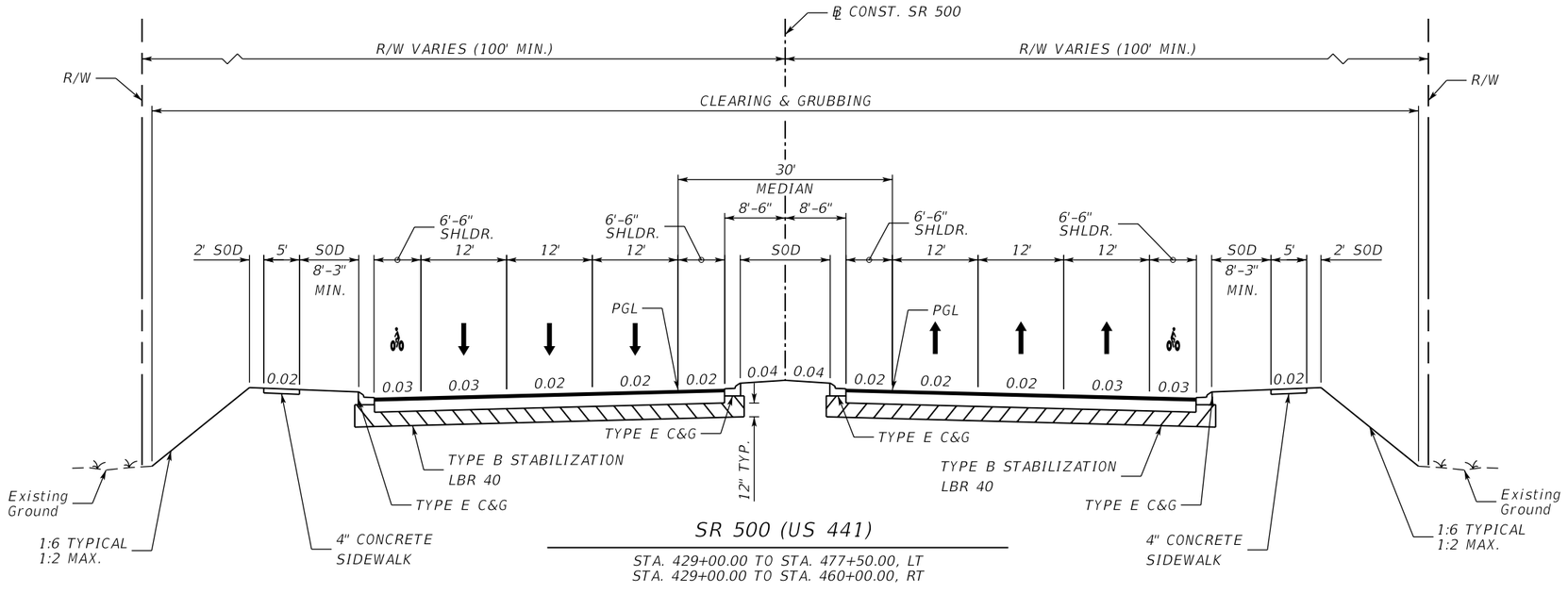
CURRENT YEAR = 2012 AADT = 24,500
ESTIMATED OPENING YEAR = 2019 AADT = 25,500
ESTIMATED DESIGN YEAR = 2039 AADT = 27,500
K = 9.0% D = 57.4% T = 8.1% (24 HOUR)
DESIGN HOUR T = 4.1%
DESIGN SPEED = 50 MPH
POSTED SPEED = 50 MPH



SR 500 (US 441)

STA. 427+00.00 TO STA. 429+00.00
STA. 460+00.00 TO STA. 477+50.00, RT

* FROM STA. 427+00.00 TO STA. 429+00.00 AND STA. 469+35.00 TO STA. 477+50.00 USE PROJECTED PGL. FROM STA. 460+00.0 TO STA. 469+35.00 USE PGL AT 15' RT OF ℄ CONST. SR 500 SHOWN ON PROFILE SHEETS.



SR 500 (US 441)

STA. 429+00.00 TO STA. 477+50.00, LT
STA. 429+00.00 TO STA. 460+00.00, RT

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

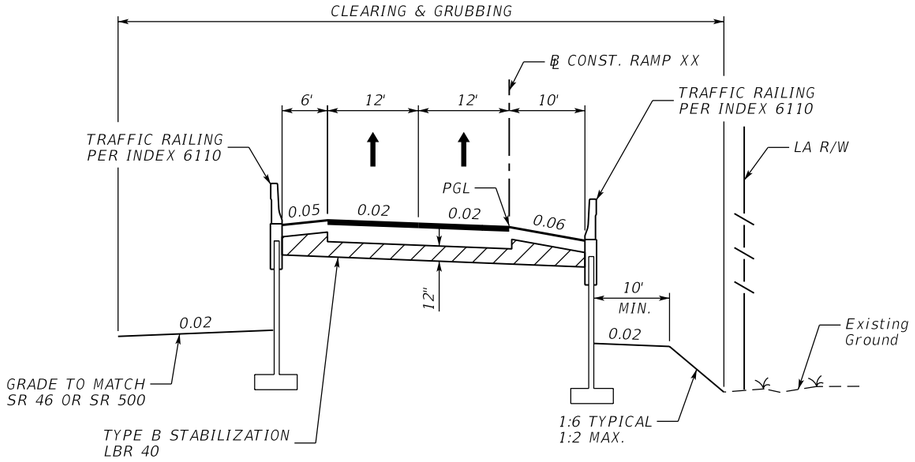
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

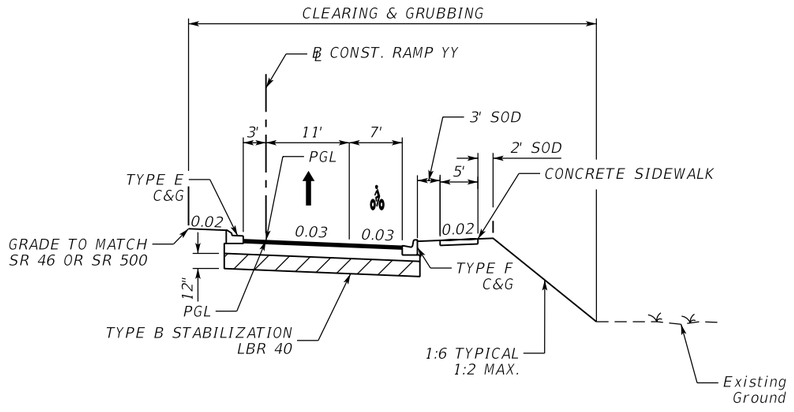
TYPICAL SECTION

SHEET NO. 24



RAMP XX

STA. 198+27.97 TO STA. 214+76.00
STA. 219+47.00 TO STA. 229+05.00
STA. 230+03.00 TO STA. 244+28.31



RAMP YY

STA. 300+00.00 TO STA. 312+94.80

NEW CONSTRUCTION

OPTIONAL BASE GROUP 9 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1 ½") (PG. 76-22 (PMA))
AND FRICTION COURSE FC-12.5 (1 ½") (PG 76-22 (PMA))

SHOULDER PAVEMENT

OPTIONAL BASE GROUP 1 WITH
FRICTION COURSE FC-12.5 (1 ½") (PG 76-22 (PMA))

TRAFFIC DATA RAMP YY

CURRENT YEAR = 2012 AADT = N/A
ESTIMATED OPENING YEAR = 2019 AADT = 5,600
ESTIMATED DESIGN YEAR = 2039 AADT = 14,500
K = 9.0% D = 100% T = 11.7% (24 HOUR)
DESIGN HOUR T = 6.5 %
DESIGN SPEED = 25 MPH
POSTED SPEED = 25 MPH

TRAFFIC DATA RAMP XX

CURRENT YEAR = 2012 AADT = N/A
ESTIMATED OPENING YEAR = 2019 AADT = 5,600
ESTIMATED DESIGN YEAR = 2039 AADT = 14,500
K = 9.0% D = 100% T = 11.7% (24 HOUR)
DESIGN HOUR T = SR 4%
DESIGN SPEED = 35 MPH
POSTED SPEED = 35 MPH

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

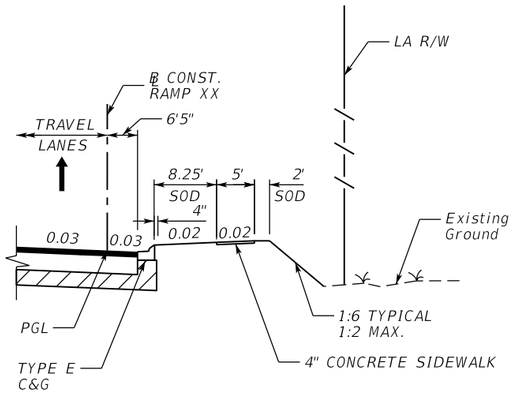
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TYPICAL SECTION

SHEET NO. 25

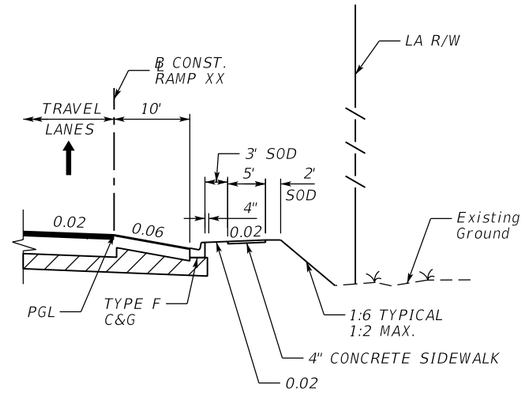
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

jcapra 3/28/2016 10:14:46 AM P:\7844-Wekiva3B\23827525201\roadway\typsrd05.dgn



RAMP XX
CURB & GUTTER WITH SIDEWALK

STA. 198+27.97 TO STA. 206+00.00

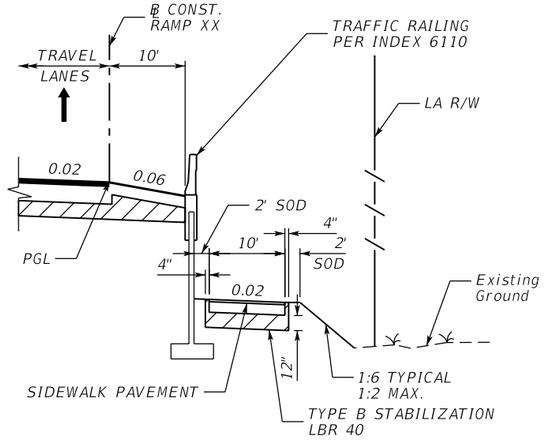


RAMP XX
CURB & GUTTER WITH SIDEWALK

STA. 206+00.00 TO STA. 211+60.00

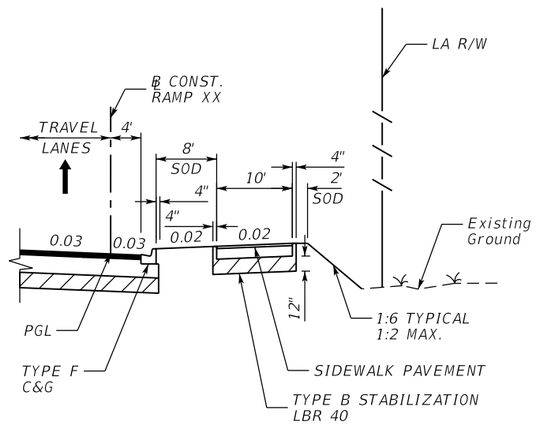
SIDEWALK PAVEMENT

OPTIONAL BASE GROUP 1 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1 ½") (PG. 76-22 (PMA))



RAMP XX
BARRIER WALL WITH SIDEWALK

STA. 211+60.00 TO STA. 214+76.00
STA. 230+03.00 TO STA. 237+60.00



RAMP XX
CURB & GUTTER WITH SIDEWALK

STA. 237+60.00 TO STA. 243+72.22

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

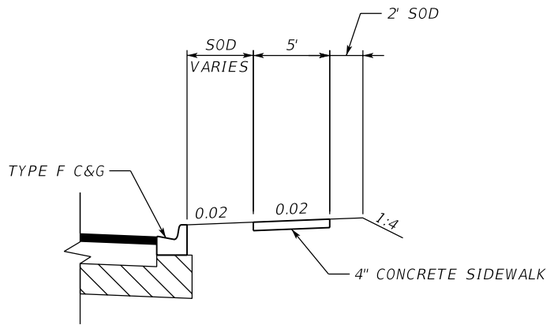
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

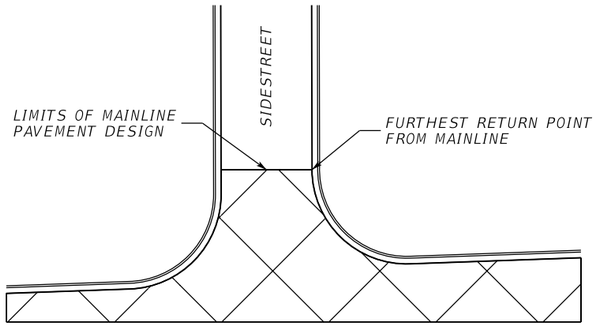
TYPICAL SECTION

SHEET NO. 26

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SIDEWALK DETAIL



SIDESTREET PAVING DETAIL*

*EXCEPT GROVELAND ROAD. GROVELAND ROAD PAVEMENT DESIGN TO EXTEND ENTIRE LIMITS OF SIDE STREET UP TO SR 46 MILLING & RESURFACING

RECONSTRUCTION

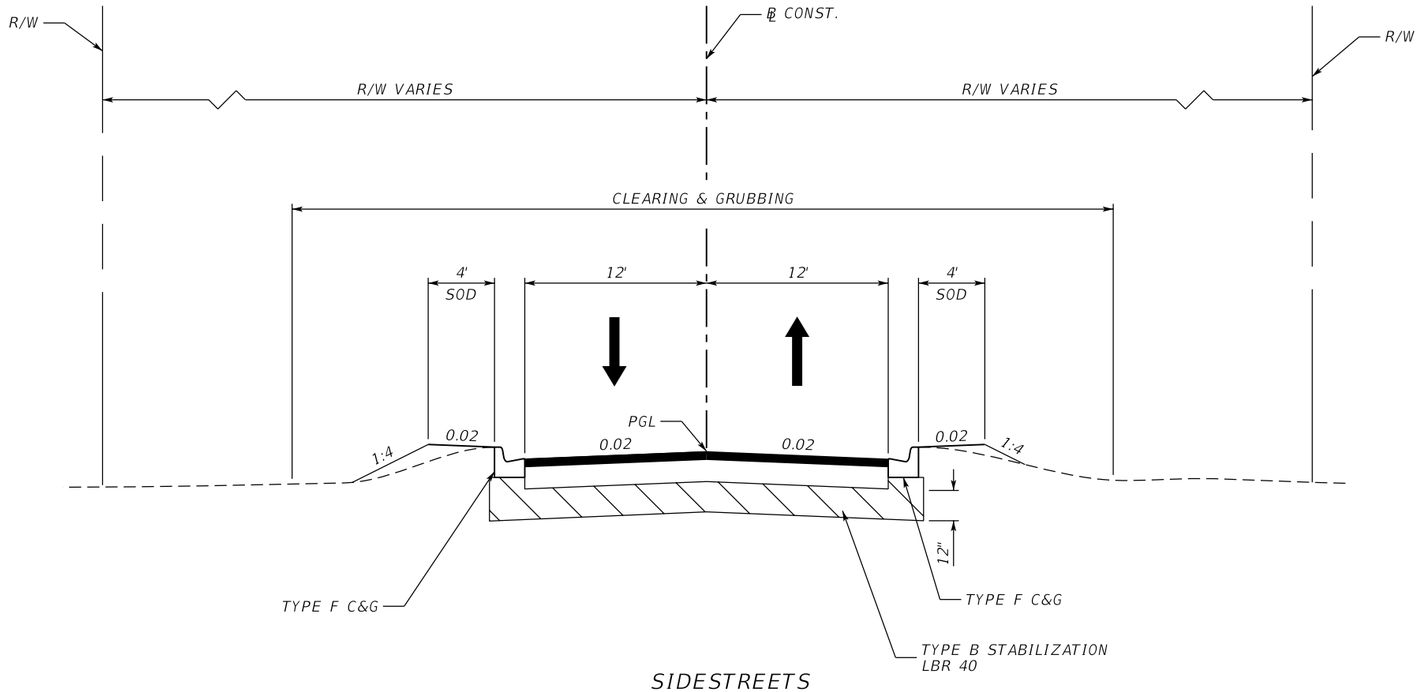
OPTIONAL BASE GROUP 3 WITH
FRICTION COURSE FC-12.5 (1 ½") (PG 76-22 (PMA))

MILLING

MILL EXISTING ASPHALT
PAVEMENT FOR DEPTH (1 ½")

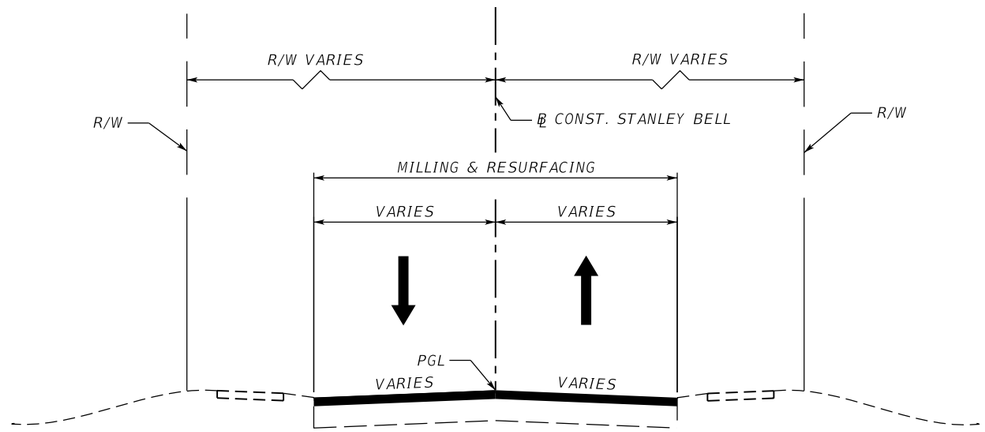
RESURFACING

FRICTION COURSE FC-12.5 (1 ½") (PG 76-22 (PMA))



SIDESTREETS

GROVELAND ROAD STA. 10+12.00 TO STA. 10+85.00
CURRIN BLVD. STA. 10+50.00 TO STA. 10+80.14
PINECREST ROAD STA. 10+16.07 TO STA. 11+27.25
STANLEY BELL DRIVE STA. 10+68.11 TO STA. 12+10.00
POND ROAD STA. 6+45.00 TO STA. 9+69.20
VERANDA WAY STA. 10+52.84 TO STA. 11+50.00
SABASTIAN STREET STA. 2+49.93 TO STA. 3+60.00
VISTA VIEW STA. 50+40.00 TO STA. 51+49.00
NATOMA BLVD. STA. 30+55.44 TO STA. 32+95.00



STANLEY BELL

STA. 12+10.00 TO STA. 12+40.00

SEE CUL-DE-SAC DETAIL
FOR ADDITIONAL INFORMATION

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

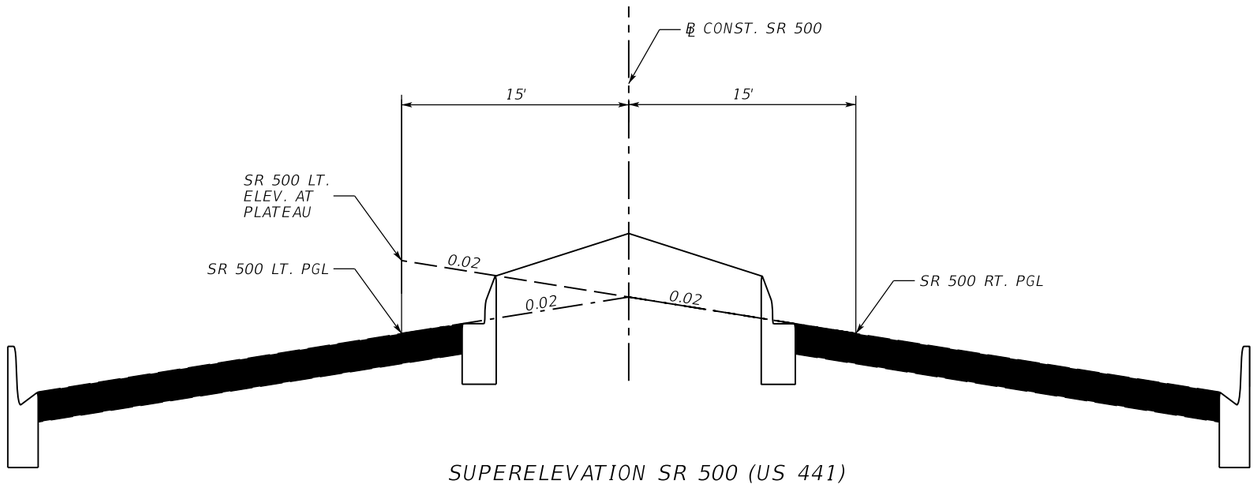
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

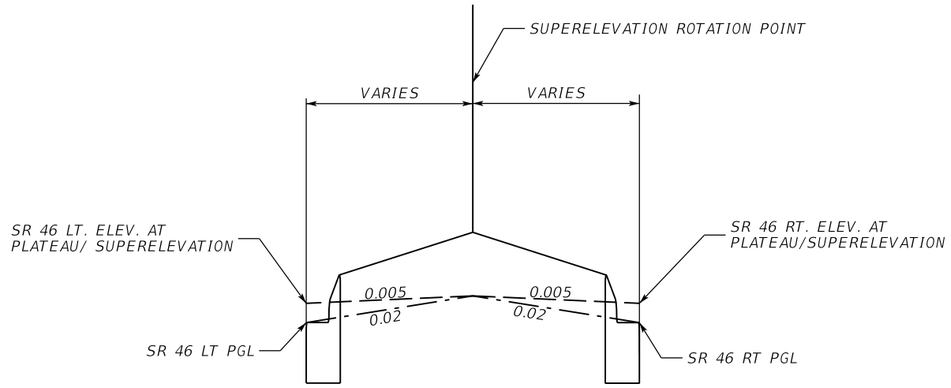
TYPICAL SECTION

SHEET NO. 27

jcapra 3/28/2016 10:14:48 AM P:\7844-Wekiva3B\238275252O1\roadway\typsrd06.dgn

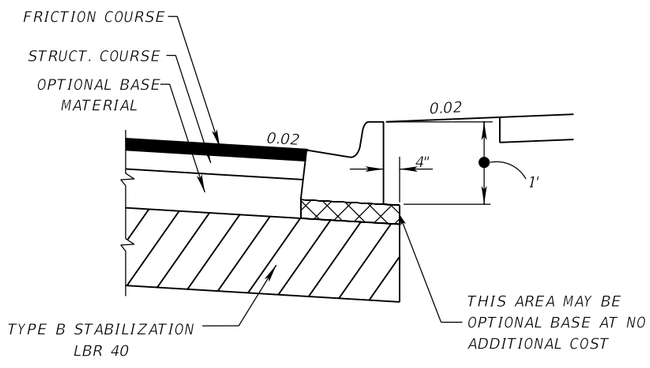


SUPERELEVATION SR 500 (US 441)

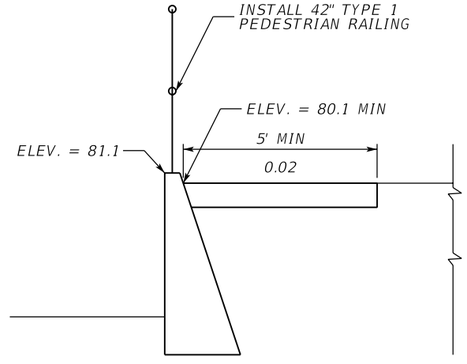


SUPERELEVATION SR 46

NOTE: SUPERELEVATION ROTATION POINT IS MIDPOINT BETWEEN LT & RT SR 46 PGL'S

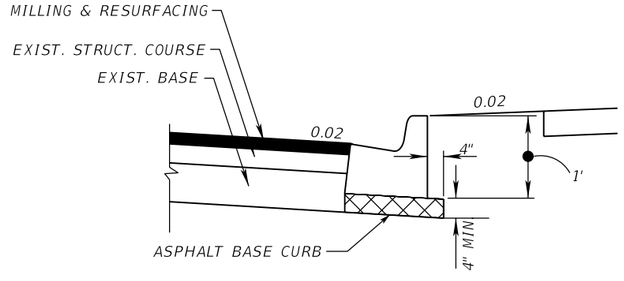


DETAIL OF CURB PAD



DETAIL OF GRAVITY WALL SIDEWALK

SR 46 STA. 64+50.00 TO STA. 74+53.39
SR 500 STA. 428+40.00 TO STA. 428+90.00



DETAIL OF ASPHALT BASE CURB PAD

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

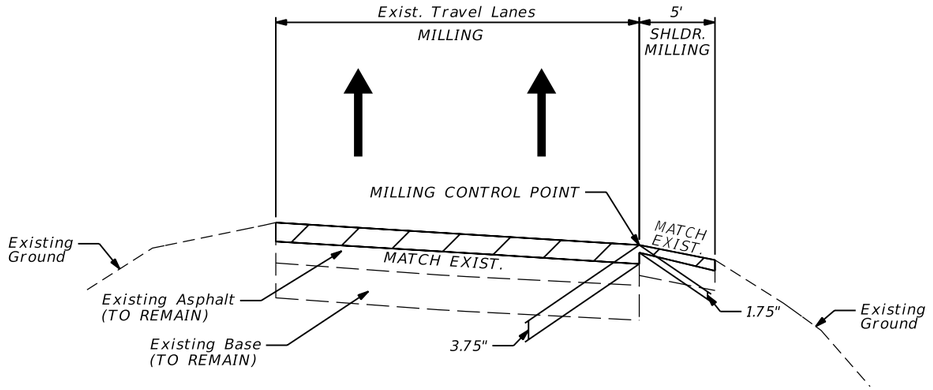
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TYPICAL SECTION DETAILS

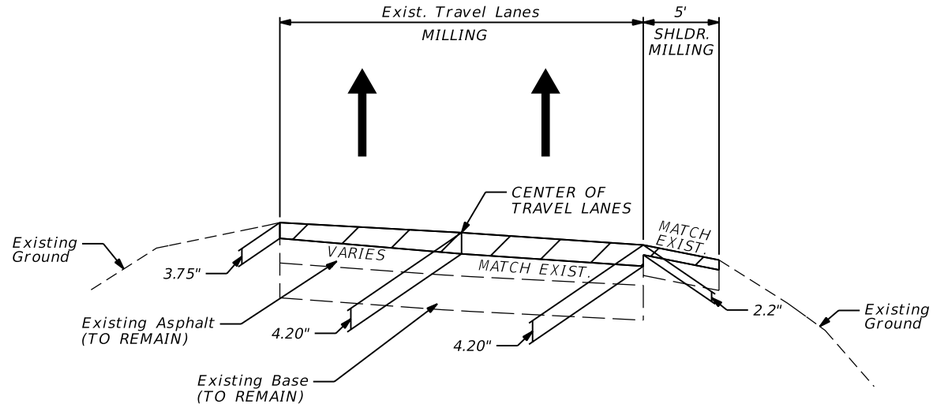
SHEET NO. 28

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

jcapra 3/28/2016 10:14:50 AM P:\7844-Wekiva3B\23827525201\roadway\typsrd07.dgn

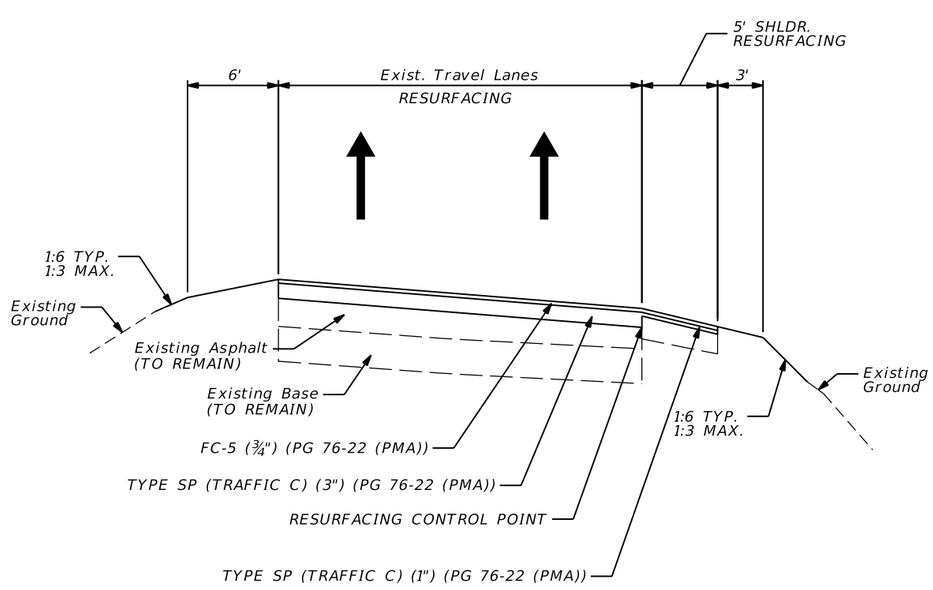


SR 500 MILLING DETAIL
STA. 403+85.82 TO STA. 413+00.00 (LT)
STA. 403+85.82 TO STA. 412+00.00 (RT)
NTS

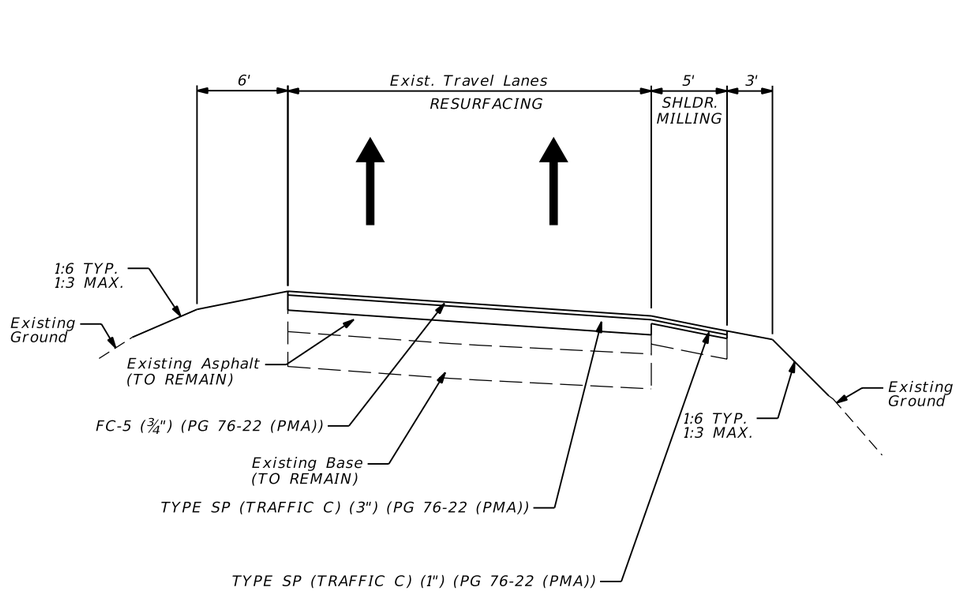


SR 500 MILLING DETAIL
STA. 413+00.00 TO STA. 427+00.00 (LT)
STA. 412+00.00 TO STA. 427+00.00 (RT)
NTS

RIGHT SIDE SHOWN, LEFT SIDE IS SIMILAR BUT OPPOSITE.



SR 500 RESURFACING DETAIL
STA. 403+85.82 TO STA. 413+00.00 (LT)
STA. 403+85.82 TO STA. 412+00.00 (RT)
NTS



SR 500 RESURFACING DETAIL
STA. 413+00.00 TO STA. 427+00.00 (LT)
STA. 412+00.00 TO STA. 427+00.00 (RT)
NTS

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

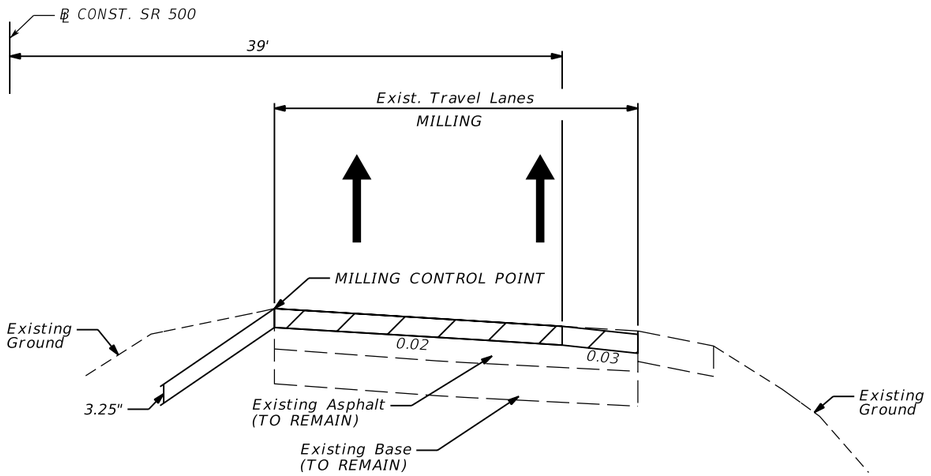
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TYPICAL SECTION DETAILS

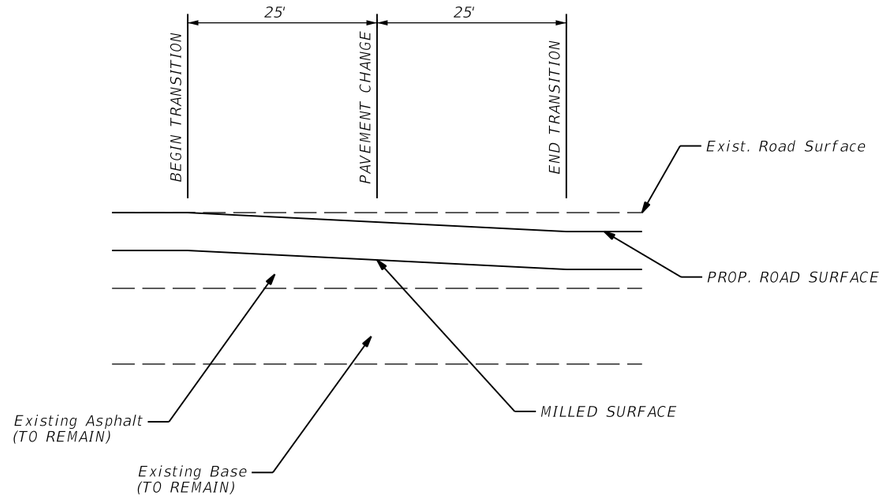
SHEET NO. 29

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

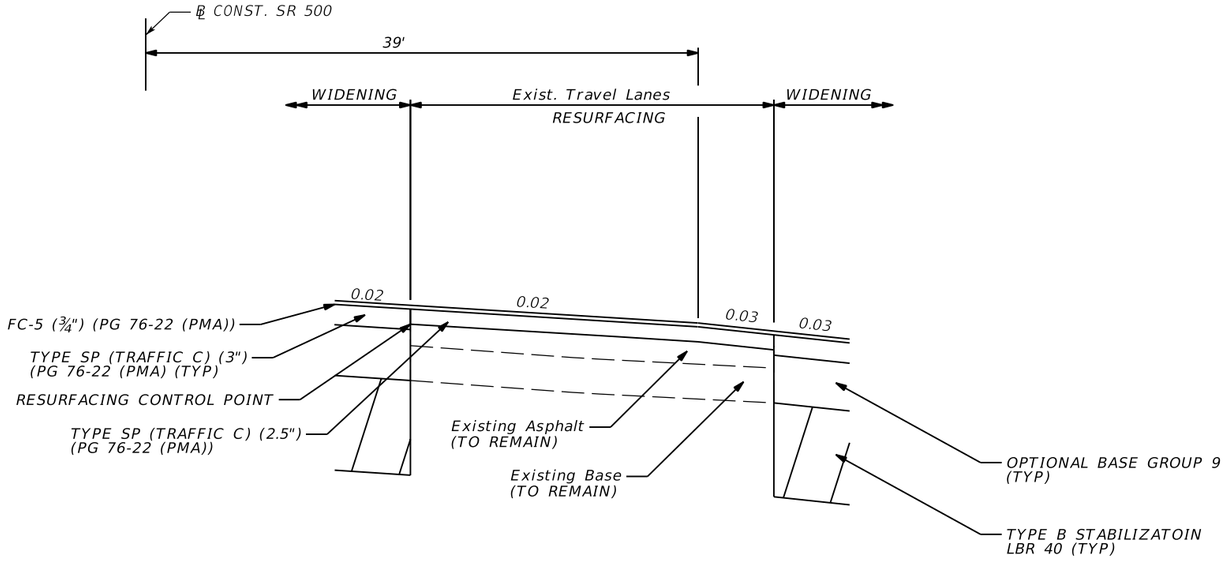


RIGHT SIDE SHOWN, LEFT SIDE IS SIMILAR BUT OPPOSITE.

SR 500 MILLING DETAIL
STA. 427+00.00 TO STA. 429+00.00
STA. 460+00.00 TO STA. 477+50.00



SR 500 PAVEMENT TRANSITION DETAIL
ALONG OUTSIDE EDGE OF TRAVEL
NTS



SR 500 RESURFACING AND WIDENING DETAIL
STA. 427+00.00 TO STA. 429+00.00
STA. 460+00.00 TO STA. 477+50.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TYPICAL SECTION DETAILS

SHEET NO. 30

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SR 46 OVERBUILD

STATION	LEFT						RIGHT					
	WIDTH	THICKNESS AT LEFT EDGE	THICKNESS AT RIGHT EDGE	END AREA	VOLUME	OVERBUILD	WIDTH	THICKNESS AT LEFT EDGE	THICKNESS AT RIGHT EDGE	END AREA	VOLUME	OVERBUILD
-	FT	FT	FT	SF	CF	TN	FT	FT	FT	SF	CF	TN
25+50.00	0.00	0.00	0.00	0.00	-	-	0.00	0.00	0.00	0.00	-	-
26+00.00	0.00	0.00	0.00	0.00	0.00	0.00	11.06	0.00	0.09	0.71	17.74	1.30
26+50.00	2.18	0.03	0.00	0.03	0.71	0.05	5.70	0.00	0.04	0.13	21.01	1.54
27+00.00	14.37	0.13	0.08	0.94	24.30	1.78	11.62	0.08	0.07	0.85	24.41	1.79
27+50.00	15.76	0.22	0.15	2.35	82.31	6.04	13.33	0.15	0.07	1.37	55.45	4.07
28+00.00	16.82	0.27	0.26	3.58	148.22	10.87	15.11	0.26	0.23	3.67	126.07	9.25
28+50.00	16.93	0.24	0.33	4.16	193.45	14.19	16.27	0.33	0.24	4.56	205.83	15.09
29+00.00	9.91	0.24	0.29	2.61	169.25	12.41	11.13	0.29	0.30	3.27	195.76	14.36
29+50.00	11.03	0.31	0.34	3.61	155.52	11.40	12.52	0.33	0.27	3.72	174.70	12.81
30+00.00	12.90	0.37	0.36	4.70	207.79	15.24	12.99	0.42	0.37	5.13	221.33	16.23
30+50.00	14.57	0.42	0.44	6.21	272.78	20.00	13.07	0.48	0.46	6.18	282.86	20.74
31+00.00	16.30	0.30	0.39	5.52	293.23	21.50	12.97	0.46	0.50	6.24	310.60	22.78
31+50.00	14.96	0.00	0.31	2.38	197.55	14.49	11.99	0.52	0.45	5.59	295.85	21.70
32+00.00	17.00	0.08	0.26	3.09	136.89	10.04	12.00	0.25	0.22	2.83	210.49	15.44
32+50.00	3.10	0.00	0.09	0.28	84.27	6.18	3.69	0.09	0.00	0.16	74.64	5.47
33+00.00	0.00	0.00	0.00	0.00	6.91	0.51	0.00	0.00	0.00	0.00	3.92	0.29
					TOTAL	144.70					TOTAL	162.86

SR 500 RT OVERBUILD

STATION	2% SLOPED PAVEMENT						3% SLOPED PAVEMENT					
	WIDTH	THICKNESS AT LEFT EDGE	THICKNESS AT RIGHT EDGE	END AREA	VOLUME	OVERBUILD	WIDTH	THICKNESS AT LEFT EDGE	THICKNESS AT RIGHT EDGE	END AREA	VOLUME	OVERBUILD
-	FT	FT	FT	SF	CF	TN	FT	FT	FT	SF	CF	TN
459+50.00	0.00	0.00	0.00	0.00	-	-	0.00	0.00	0.00	0.00	-	-
460+00.00	18.59	0.12	0.02	0.46	11.62	0.85	4.48	0.02	0.07	0.21	5.30	0.39
460+50.00	18.56	0.34	0.29	5.74	155.10	11.37	4.57	0.29	0.25	1.23	36.01	2.64
461+00.00	18.56	0.46	0.41	7.31	326.33	23.93	4.65	0.41	0.42	1.95	79.41	5.82
461+50.00	18.45	0.47	0.27	6.36	341.77	25.06	4.73	0.27	0.24	1.21	78.83	5.78
462+00.00	18.20	0.35	0.17	4.72	276.94	20.31	4.81	0.17	0.09	0.57	44.34	3.25
462+50.00	17.98	0.29	0.19	4.19	222.82	16.34	4.90	0.19	0.14	0.79	33.86	2.48
463+00.00	17.86	0.29	0.29	5.27	236.54	17.35	4.97	0.29	0.22	1.27	51.40	3.77
463+50.00	17.79	0.28	0.44	7.27	313.38	22.98	5.05	0.44	0.37	2.05	83.00	6.09
464+00.00	17.91	0.23	0.10	1.68	223.74	16.41	5.13	0.10	0.13	0.54	64.84	4.75
464+50.00	18.12	0.23	0.20	3.24	123.18	9.03	5.21	0.20	0.24	1.07	40.42	2.96
465+00.00	18.15	0.24	0.21	3.85	177.25	13.00	5.17	0.21	0.23	1.13	55.12	4.04
465+50.00	18.18	0.38	0.32	5.58	235.77	17.29	5.10	0.32	0.34	1.68	70.28	5.15
466+00.00	18.21	0.55	0.48	7.10	316.98	23.25	5.10	0.48	0.51	2.54	105.41	7.73
466+50.00	18.22	0.42	0.46	6.68	344.31	25.25	4.98	0.46	0.48	2.34	121.96	8.94
467+00.00	18.24	0.21	0.44	5.27	298.68	21.90	4.94	0.44	0.49	2.30	116.11	8.51
467+50.00	18.25	0.30	0.51	6.40	291.87	21.40	4.92	0.51	0.54	2.62	123.11	9.03
468+00.00	18.27	0.44	0.55	8.92	383.00	28.09	4.84	0.55	0.54	2.64	131.61	9.65
468+50.00	18.28	0.41	0.54	7.79	417.61	30.62	4.81	0.54	0.55	2.65	132.27	9.70
469+00.00	18.30	0.41	0.24	4.80	314.82	23.09	4.83	0.24	0.28	1.24	97.24	7.13
469+50.00	0.00	0.00	0.00	0.00	120.09	8.81	0.00	0.00	0.00	0.00	31.03	2.28
					TOTAL	376.33					TOTAL	110.09

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TYPICAL SECTION DETAILS

SHEET NO. 31

SUMMARY OF LUMP SUM ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	QUANTITY P	QUANTITY F	DESIGN NOTES	CONSTRUCTION REMARKS
0101 1	MOBILIZATION	1			

SUMMARY OF GENERAL ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STATION		TO STATION	SIDE	UNITS	QUANTITY P	QUANTITY F	TOTAL P	TOTAL F	DESIGN NOTES	CONSTRUCTION REMARKS
0591 1 22	IRRIGATION SLEEVE, 2" DIAMETER	30+36.43			LT	LF	40		1195			
		37+01.98	to	37+12.78	LT		10					
		41+70.96	to	41+71.98	RT		50					
		51+07.00	to	51+08.22	LT		60					
		67+98.22	to	68+49.57	RT		40					
		70+35.28	to	70+57.89	RT		30					
		71+35.85	to	71+62.36	RT		30					
		79+64.37	to	79+64.63	RT		60					
		90+84.11	to	90+85.19	LT		60					
		409+90.78	to	410+99.14	LT		110					
		416+73.01	to	417+67.06	LT		100					
		426+11.81	to	426+11.93	RT		60					
		436+91.49	to	436+92.54	RT		80					
		437+65.09	to	437+65.50	LT		10					
		34+76.37	to	34+77.86	LT		10					
		31+36.18	to	31+52.93	LT		20				Natoma Blvd.	
		467+49.18	to	467+50.13	RT		85					
		470+47.00	to	473+81.92	LT/RT		340					
0591 1 23	IRRIGATION SLEEVE, 4" DIAMETER	62+48.03	to	62+48.63	LF	LF	60		1290			
		62+36.73	to	62+37.56	RT		60					
		67+17.62	to	67+27.00	LT/RT		130					
		67+98.22	to	68+49.57	RT		40					
		70+35.28	to	70+57.89	RT		30					
		71+35.85	to	71+62.36	RT		30					
		74+79.64	to	75+42.91	LT		70					
		73+65.49	to	73+92.44	RT		30					
		76+48.91	to	76+75.54	RT		30					
		77+92.71	to	78+22.50	RT		30					
		79+21.23	to	79+40.34	RT		20					
		82+37.00	to	83+23.18	RT		90					
		86+47.43	to	86+47.65	RT		60					
		436+80.47	to	436+81.36	LT/RT		160					
		449+44.79	to	449+47.36	RT		90					
		449+52.53	to	449+56.50	RT		90					
		449+47.48	to	449+48.98	LT		60					
		449+61.30	to	449+64.08	LT		60					
		459+84.63	to	459+86.02	RT		80					
		31+19.15	to	31+21.21	LT/RT		70				Natoma Blvd.	
0591 1 26	IRRIGATION SLEEVE, 6" DIAMETER	41+74.69	to	41+78.69	LT/RT	LF	120		170			
		46+44.91	to	46+87.60	RT		50					

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-1

SUMMARY OF TEMPORARY TRAFFIC CONTROL PLAN ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	PHASE I			PHASE II			TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
			DURATION	QUANTITY	TOTAL	DURATION	QUANTITY	TOTAL				
			DAYS	P	P	DAYS	P	P	P	F		
0102 1	MAINTENANCE OF TRAFFIC	LS	450	1	1	210			1			
0102 2 1	SPECIAL DETOUR 1	LS	450	1	1	210			1			
0102 2 2	SPECIAL DETOUR 2	LS	450	1	1	210			1			
0102 2 3	SPECIAL DETOUR 3	LS	450			210	1	1	1			
0102 2 4	SPECIAL DETOUR 4	LS	450			210	1	1	1			
0102 2 5	SPECIAL DETOUR 5	LS	450			210	1	1	1			
0102 2 6	SPECIAL DETOUR 6	LS	450	1	1	210			1			
0102 2 7	SPECIAL DETOUR 7	LS	450			210	1	1	1			
0102 2 8	SPECIAL DETOUR 8	LS	450	1	1	210			1			
0102 60	WORK ZONE SIGN	ED	450		13715	210		4470	18185			
0102 71 11	BARRIER WALL, TEMPORARY, F&I, CONCRETE	LF	450	809	809	210			809			
0102 74 1	CHANNELIZING DEVICE - TYPES I, II, DI, VP, DRUM OR LCD	ED	450		139699	210	641	134610	274309			
0102 74 2	CHANNELIZING DEVICE, TYPE III, 6'	ED	450		2770	210		3360	6130			
0102 89 1	TEMPORARY CRASH CUSHION, REDIRECTIVE OPTION	LO	450	6	6	210			6			
0102 99	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	450		56	210		56	112			
71011101	PAINTED PAVEMENT MARKINGS, STD., WHITE, SOLID, 6"	GM	450	3	3	210	9	9	12			
71011131	PAINTED PAVEMENT MARKINGS, STD., WHITE, SKIP, 10-30/3-9, 6"	GM	450	0.44	0.44	210	1.10	1.10	1.54			
71011141	PAINTED PAVEMENT MARKINGS, STD., WHITE, SKIP, 2-4 DOTTED, 6"	GM	451	0.01	0.01	211	0.13	0.13	0.13			
71011170	PAINTED PAVEMENT MARKINGS, STD., WHITE,ARROWS	EA	450	5	5	210	13	13	18			
71011201	PAINTED PAVEMENT MARKINGS, STD., YELLOW, SOLID, 6"	GM	450	3	3	210	9	9	12			

0102 1 : INCLUDES TEMPORARY DRAINAGE PER THE TEMP.TRAFFIC CONTROL PLANS
INCLUDES PCMS DURING LANE CLOSURES, PCMS PRIOR TO LANE CLOSURES SHOWN IN TABLE
INCLUDES COMMERCIAL MATERIAL FOR DRIVEWAY MAINTENANCE

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-2

SUMMARY OF TEMPORARY TRAFFIC CONTROL PLAN ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	PHASE III			TOTAL		GRAND TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
			DURATION	QUANTITY	TOTAL						
			DAYS	P	P	P	F	P	F		
0102 1	MAINTENANCE OF TRAFFIC	LS	120					1			
0102 2 1	SPECIAL DETOUR 1	LS	120					1			
0102 2 2	SPECIAL DETOUR 2	LS	120					1			
0102 2 3	SPECIAL DETOUR 3	LS	120					1			
0102 2 4	SPECIAL DETOUR 4	LS	120					1			
0102 2 5	SPECIAL DETOUR 5	LS	120					1			
0102 2 6	SPECIAL DETOUR 6	LS	120					1			
0102 2 7	SPECIAL DETOUR 7	LS	120					1			
0102 2 8	SPECIAL DETOUR 8	LS	120					1			
0102 60	WORK ZONE SIGN	ED	120	4	480	480		18665			
0102 71 11	BARRIER WALL, TEMPORARY, F&I, CONCRETE	LF	120					809			
0102 74 1	CHANNELIZING DEVICE - TYPES I, II, DI, VP, DRUM OR LCD	ED	120	465	55800	55800		330109			
0102 74 2	CHANNELIZING DEVICE, TYPE III, 6'	ED	120	3	360	360		6490			
0102 89 1	TEMPORARY CRASH CUSHION, REDIRECTIVE OPTION	LO	120					6			
0102 99	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	120		28	28		140			
71011101	PAINTED PAVEMENT MARKINGS, STD., WHITE, SOLID, 6"	GM	120	7	7	7		19			
71011131	PAINTED PAVEMENT MARKINGS, STD., WHITE, SKIP, 10-30/3-9, 6"	GM	120	0.46	0.46	0.46		2.00			
71011141	PAINTED PAVEMENT MARKINGS, STD., WHITE, SKIP, 2-4 DOTTED, 6"	GM	120	0.03	0.03	0.03		0.17			
71011170	PAINTED PAVEMENT MARKINGS, STD., WHITE,ARROWS	EA	120	14	14	14		32			
71011201	PAINTED PAVEMENT MARKINGS, STD., YELLOW, SOLID, 6"	GM	120	4	4	4		16			

SUMMARY OF TEMPORARY SIGNALIZATION & DETECTION

PHASE	DURATION	0102104 TEMPORARY SIGNALS & MAINTENANCE OF INTERSECTION - EACH DAY						0102107 1 TEMPORARY TRAFFIC DETECTION & MAINTENANCE OF INTERSECTION - EACH DAY					
		EXISTING			TEMPORARY			EXISTING			TEMPORARY/NEW		
	DAYS	#	P	F	#	P	F	#	P	F	#	P	F
1	436				1	436					1	436	
1A	14				1	14					1	14	
2	180				1	180					1	180	
2A	30				1	30					1	30	
SUB-TOTAL						660						660	
TOTAL						660						660	

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-3

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES

LOCATION STA. TO STA.	SIDE	AREA ID	SEDIMENT BARRIER 0104 10 3 LF P	SEDIMENT BARRIER 0104 10 3 LF F	FLOATING TURBIDITY BARRIER 0104 11 LF P	FLOATING TURBIDITY BARRIER 0104 11 LF F	SOIL TRACKING PREVENTION DEVICE 0104 15 EA P	SOIL TRACKING PREVENTION DEVICE 0104 15 EA F	INLET PROTECTION SYSTEM 0104 18 EA P	INLET PROTECTION SYSTEM 0104 18 EA F	DESIGN NOTES	CONSTRUCTION REMARKS
32+62.62 to 32+80.83	LT		24.4									
32+84.86 to 33+09.17	LT		24.8									
42+60.10 to 46+32.15	RT		427.6									
43+50.00 to 46+50.00	LT		280.3									
48+00.00 to 53+32.78	LT		535.5									
51+59.23 to 57+63.15	RT		1393.7									
53+50.00 to 65+30.64	LT		1212.5									
60+44.70 to 66+00.00	RT		667.3									
68+00.00 to 68+65.65	RT		64.1									
68+94.20 to 70+38.20	RT		140.8									
70+58.38 to 71+38.01	RT		79.0									
71+61.41 to 73+68.61	RT		203.1									
74+00.00 to 76+50.00	RT		243.9									
76+50.00 to 80+26.96	LT		1289.3									
76+74.12 to 77+96.61	RT		123.3									
78+19.53 to 79+23.66	RT		119.2									
79+40.15 to 82+00.00	RT		259.9									
83+50.00 to 92+00.00	RT		850.4									
84+75.42 to 89+88.76	LT		760.5									
425+30.25 to 425+30.25	LT		24.7									
425+56.13 to 425+56.13	RT		24.9									
425+63.73 to 425+63.73	RT		24.9									
425+85.35 to 425+85.35	LT		24.9									
426+31.88 to 426+31.88	LT		25.7									
426+36.74 to 426+36.74	RT		26.1									
426+47.14 to 426+47.14	LT		24.9									
426+70.81 to 426+70.81	RT		24.9									
451+53.16 to 463+65.60	RT		1276.9									
457+00.39 to 457+00.47	RT		0.1									
457+11.82 to 477+52.40	LT		2044.8									
470+20.96 to 475+00.00	RT		479.0									
65+94.51 to 73+56.69	LT				786.9							
24+61.47 to 24+82.50	LT								1			
25+19.21 to 25+19.21	LT								1			
25+70.00 to 25+83.06	LT								1			
26+20.00 to 26+33.00	LT								1			
27+25.00 to 27+38.07	LT								1			
27+77.49 to 27+90.73	LT								1			
28+13.13 to 28+13.13	LT								1			
28+37.13 to 28+37.13	LT								1			
30+10.17 to 30+23.17	LT								1			
30+10.24 to 30+23.49	RT								1			
31+60.23 to 31+73.22	LT								1			
32+95.00 to 33+08.00	RT								1			
32+95.00 to 33+08.09	LT								1			
33+80.02 to 33+93.48	RT								1			
SUB-TOTAL:			12701.4		786.9				14			
TOTAL:			12701		787		4		135			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-4

SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES

LOCATION STA. TO STA.	SIDE	AREA ID	SEDIMENT BARRIER 0104 10 3 LF P	SEDIMENT BARRIER 0104 10 3 LF F	FLOATING TURBIDITY BARRIER 0104 11 LF P	FLOATING TURBIDITY BARRIER 0104 11 LF F	SOIL TRACKING PREVENTION DEVICE 0104 15 EA P	SOIL TRACKING PREVENTION DEVICE 0104 15 EA F	INLET PROTECTION SYSTEM 0104 18 EA P	INLET PROTECTION SYSTEM 0104 18 EA F	DESIGN NOTES	CONSTRUCTION REMARKS
34+10.02 to 34+23.38	RT								1			
34+40.00 to 34+53.49	LT								1			
35+54.31 to 35+54.44	LT								1			
35+58.31 to 35+58.44	LT								1			
35+98.26 to 35+98.61	LT								1			
36+16.60 to 36+16.90	RT								1			
36+57.00 to 36+70.41	LT								1			
36+87.51 to 37+00.52	RT								1			
38+10.00 to 38+23.03	RT								1			
38+17.50 to 38+22.50	LT								1			
39+37.14 to 39+50.79	LT								1			
39+45.11 to 39+57.97	RT								1			
39+46.27 to 39+51.42	LT								1			
40+32.13 to 40+45.91	LT								1			
41+86.61 to 42+00.12	LT								1			
41+87.10 to 42+00.06	RT								1			
41+96.85 to 42+09.27	RT								1			
42+00.51 to 42+12.17	RT								1			
42+32.10 to 42+45.09	RT								1			
45+29.63 to 45+43.11	LT								1			
45+36.05 to 45+45.13	RT								1			
45+37.50 to 45+42.50	LT								1			
45+38.10 to 45+45.88	RT								1			
46+31.00 to 46+36.00	LT								1			
46+31.82 to 46+37.03	RT								1			
46+50.98 to 46+56.29	RT								1			
46+64.63 to 46+78.19	LT								1			
48+60.00 to 48+73.06	LT								1			
50+03.10 to 50+16.38	LT								1			
50+05.00 to 50+18.25	RT								1			
53+05.00 to 53+18.00	LT								1			
53+05.00 to 53+18.00	RT								1			
53+11.07 to 53+18.55	RT								1			
53+11.25 to 53+18.73	RT								1			
54+80.33 to 54+93.30	RT								1			
55+21.42 to 55+34.33	RT								1			
55+22.00 to 55+35.38	RT								1			
56+11.40 to 56+18.53	RT								1			
56+90.00 to 57+10.00	LT								1			
56+92.74 to 57+12.68	RT								1			
59+85.00 to 59+98.08	RT								1			
61+89.82 to 62+10.19	RT								1			
61+89.82 to 62+10.19	RT								1			
61+90.17 to 62+09.82	LT								1			
61+90.17 to 62+09.82	LT								1			
67+39.82 to 67+60.19	RT								1			
67+92.14 to 68+07.86	LT								1			
SUB-TOTAL:									47			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-5

SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES

LOCATION	SIDE	AREA ID	SEDIMENT BARRIER		FLOATING TURBIDITY BARRIER		SOIL TRACKING PREVENTION DEVICE		INLET PROTECTION SYSTEM		DESIGN NOTES	CONSTRUCTION REMARKS
			0104 10 3		0104 11		0104 15		0104 18			
STA. TO STA.			LF		LF		EA		EA			
			P	F	P	F	P	F	P	F		
69+06.95 to 69+20.18	RT								1			
69+07.54 to 69+18.36	LT								1			
71+81.97 to 71+92.79	LT								1			
72+39.82 to 72+60.18	RT								1			
72+92.14 to 73+08.01	LT								1			
72+96.95 to 73+10.18	RT								1			
74+16.95 to 74+30.18	RT								1			
74+91.63 to 74+98.76	LT								1			
75+28.31 to 75+35.60	LT								1			
77+57.50 to 77+62.50	RT								1			
77+70.00 to 77+83.30	RT								1			
77+75.00 to 77+88.30	LT								1			
78+89.99 to 79+09.99	LT								1			
78+90.01 to 79+10.01	RT								1			
83+90.00 to 84+10.00	LT								1			
83+90.00 to 84+10.00	RT								1			
86+97.00 to 87+10.00	LT								1			
86+97.00 to 87+10.00	RT								1			
93+27.00 to 93+40.20	RT								1			
93+27.00 to 93+40.37	LT								1			
427+82.00 to 427+95.00	LT								1			
428+40.50 to 428+53.50	LT								1			
428+40.50 to 428+53.50	RT								1			
428+40.50 to 428+53.50	LT								1			
428+40.50 to 428+53.50	RT								1			
428+82.00 to 428+95.00	RT								1			
429+26.00 to 429+39.00	RT								1			
429+70.00 to 429+83.00	RT								1			
438+77.00 to 438+90.00	LT								1			
438+77.00 to 438+90.00	RT								1			
440+41.00 to 440+54.03	RT								1			
441+07.00 to 441+20.02	RT								1			
441+07.50 to 441+12.50	LT								1			
441+27.50 to 441+32.50	LT								1			
441+57.50 to 441+62.50	LT								1			
445+57.50 to 445+62.50	RT								1			
445+57.50 to 445+62.50	RT								1			
445+70.01 to 445+83.01	RT								1			
445+77.50 to 445+82.50	RT								1			
445+77.50 to 445+82.50	RT								1			
445+77.52 to 445+82.52	RT								1			
445+77.52 to 445+82.52	RT								1			
446+30.00 to 446+43.28	LT								1			
446+54.00 to 446+67.28	LT								1			
446+61.50 to 446+66.50	RT								1			
446+61.50 to 446+66.50	RT								1			
446+78.00 to 446+91.28	LT								1			
447+02.00 to 447+15.28	LT								1			
447+36.20 to 447+49.48	LT								1			
SUB-TOTAL:									47			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-6

SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES

LOCATION	SIDE	AREA ID	SEDIMENT BARRIER		FLOATING TURBIDITY BARRIER		SOIL TRACKING PREVENTION DEVICE		INLET PROTECTION SYSTEM		DESIGN NOTES	CONSTRUCTION REMARKS
			0104 10 3		0104 11		0104 15		0104 18			
STA. TO STA.			LF		LF		EA		EA			
			P	F	P	F	P	F	P	F		
447+50.00 to 447+63.00	RT								1			
450+30.00 to 450+43.00	LT								1			
450+30.00 to 450+43.00	RT								1			
453+86.12 to 453+99.09	LT								1			
453+88.89 to 454+01.86	LT								1			
453+94.83 to 454+07.82	LT								1			
455+57.54 to 455+70.50	LT								1			
455+62.10 to 455+68.82	LT								1			
456+90.00 to 457+03.00	RT								1			
456+90.02 to 457+02.99	LT								1			
459+87.21 to 460+00.17	LT								1			
459+90.00 to 460+03.00	RT								1			
461+42.00 to 461+55.00	RT								1			
461+86.00 to 461+99.00	RT								1			
462+30.00 to 462+43.00	RT								1			
462+74.00 to 462+87.00	RT								1			
463+15.00 to 463+28.00	RT								1			
463+76.48 to 463+76.91	RT								1			
467+30.00 to 467+43.00	RT								1			
467+30.00 to 467+43.00	LT								1			
467+87.00 to 468+00.00	LT								1			
469+25.00 to 469+45.09	RT								1			
469+65.00 to 469+85.00	LT								1			
470+27.00 to 470+40.00	RT								1			
470+27.00 to 470+40.00	LT								1			
473+86.85 to 473+99.85	LT								1			
473+86.85 to 473+99.85	RT								1			
SR 46	RT						2					
SR 500	RT						2					
SUB-TOTAL:							4		27			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-7

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL 0107 1					MOWING 0107 2					DESIGN NOTES	CONSTRUCTION REMARKS
					AREA ID	CYCLES	AREA AC/CYCLE	AREA TOTAL (AC) P	AREA TOTAL (AC) F	AREA ID	CYCLES	AREA AC/CYCLE	AREA TOTAL (AC) P	AREA TOTAL (AC) F		
	STA. TO STA.															
1	24+69.85 TO 27+40.00	RT	450	30	47647	15	0.157	2.355								
1	24+69.95 TO 27+40.00	LT	450	30	47636	15	0.182	2.730								
1	27+40.00 TO 27+48.10	RT	450	30	47654	15	0.003	0.045								
1	27+40.00 TO 32+80.00	LT	450	30	47658	15	0.864	12.960								
1	27+73.40 TO 32+80.00	RT	450	30	47732	15	0.613	9.195								
1	32+80.00 TO 33+21.41	LT	450	30	47741	15	0.048	0.720								
1	32+80.00 TO 33+32.40	RT	450	30	47757	15	0.083	1.245								
1	33+64.02 TO 38+20.00	LT	450	30	47746	15	1.450	21.750								
1	33+64.13 TO 38+20.00	RT	450	30	47762	15	1.594	23.910								
1	37+80.16 TO 45+11.99	RT	450	30	47832	15	3.577	53.655								
1	38+13.15 TO 43+60.00	RT	450	30	47769	15	1.631	24.465								
1	38+20.00 TO 43+60.00	LT/RT	450	30	47783	15	1.444	21.660								
1	38+32.22 TO 38+98.95	RT	450	30	47817	15	0.008	0.120								
1	38+98.95 TO 40+08.88	RT	450	30	47822	15	0.006	0.090								
1	40+08.94 TO 43+60.00	RT	450	30	47845	15	0.142	2.130								
1	43+60.00 TO 49+00.00	LT/RT	450	30	47798	15	1.759	26.385								
1	43+60.00 TO 46+70.98	RT	450	30	47850	15	0.484	7.260								
1	43+60.00 TO 46+34.42	RT	450	30	47859	15	0.227	3.405								
1	44+62.76 TO 46+17.04	RT	450	30	47865	15	0.305	4.575								
1	45+32.43 TO 46+22.80	RT	450	30	47878	15	0.089	1.335								
1	45+64.98 TO 46+55.72	RT	450	30	47885	15	0.054	0.810								
1	46+04.75 TO 46+40.87	RT	450	30	47873	15	0.019	0.285								
1	46+38.25 TO 46+83.50	RT	450	30	47892	15	0.030	0.450								
1	46+55.98 TO 47+42.23	RT	450	30	47914	15	0.089	1.335								
1	46+60.95 TO 49+00.00	RT	450	30	47898	15	0.347	5.205								
1	46+83.50 TO 49+00.00	RT	450	30	47909	15	0.208	3.120								
1	46+91.91 TO 53+65.70	RT	450	30	47918	15	2.996	44.940								
1	49+00.00 TO 54+40.00	RT	450	30	47925	15	0.874	13.110								
1	49+00.00 TO 54+40.00	RT	450	30	47937	15	0.595	8.925								
1	49+00.00 TO 54+40.00	LT/RT	450	30	47961	15	1.163	17.445								
1	49+00.00 TO 54+40.00	LT	450	30	47969	15	0.342	5.130								
1	53+77.76 TO 61+32.50	RT	450	30	48077	15	5.821	87.315								
1	54+40.00 TO 55+27.19	LT	450	30	47976	15	0.051	0.765								
1	54+40.00 TO 59+80.00	LT/RT	450	30	47981	15	1.481	22.215								
1	57+16.64 TO 57+16.64	RT	450	30	47946	15	1.530	22.950								
1	59+80.00 TO 65+20.00	LT/RT	450	30	48085	15	1.485	22.275								
1	59+80.00 TO 65+20.00	RT	450	30	48096	15	0.296	4.440								
1	59+80.00 TO 61+97.03	RT	450	30	48109	15	0.425	6.375								
1	65+20.00 TO 70+60.00	LT/RT	450	30	48125	15	1.185	17.775								
1	65+20.00 TO 70+60.00	RT	450	30	48136	15	0.231	3.465								
1	70+60.00 TO 76+00.00	LT/RT	450	30	48142	15	1.212	18.180								
1	70+60.00 TO 76+00.00	RT	450	30	48153	15	0.169	2.535								
1	76+00.00 TO 81+40.00	LT/RT	450	30	48158	15	1.404	21.060								
1	76+00.00 TO 81+40.00	RT	450	30	48166	15	0.215	3.225								
1	81+40.00 TO 86+80.00	LT/RT	450	30	48173	15	1.612	24.180								
1	81+40.00 TO 86+80.00	RT	450	30	48180	15	0.246	3.690								
1	86+80.00 TO 92+20.00	LT/RT	450	30	48186	15	1.757	26.355								
							SUB-TOTAL:	607.545				SUB-TOTAL:				
							TOTAL:	2882.69				TOTAL:	950.33			

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-8

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL 0107 1					MOWING 0107 2					DESIGN NOTES	CONSTRUCTION REMARKS
					AREA ID	CYCLES	AREA AC/CYCLE	AREA TOTAL (AC) P	AREA TOTAL (AC) F	AREA ID	CYCLES	AREA AC/CYCLE	AREA TOTAL (AC) P	AREA TOTAL (AC) F		
	STA. TO STA.															
1	86+80.00 TO 92+20.00	RT	450	30	48205	15	0.288	4.320								
1	90+50.51 TO 92+20.00	LT	450	30	48248	15	0.271	4.065								
1	90+90.98 TO 94+73.16	LT	450	30	48255	15	1.348	20.220								
1	92+20.00 TO 92+60.63	RT	450	30	48216	15	0.042	0.630								
1	92+20.00 TO 97+60.00	LT/RT	450	30	48232	15	1.568	23.520								
1	92+20.00 TO 94+74.35	LT	450	30	48240	15	0.588	8.820								
1	92+80.46 TO 97+60.00	RT	450	30	48222	15	0.357	5.355								
1	403+80.00 TO 409+60.00	LT	450	30	48571	15	0.779	11.685								
1	403+80.00 TO 409+60.00	RT	450	30	48596	15	0.786	11.790								
1	404+02.75 TO 409+60.00	LT/RT	450	30	48580	15	0.289	4.335								
1	409+60.00 TO 415+00.00	RT	450	30	48536	15	0.876	13.140								
1	409+60.00 TO 410+14.48	LT	450	30	48554	15	0.063	0.945								
1	409+60.00 TO 410+15.50	LT/RT	450	30	48559	15	0.028	0.420								
1	410+14.75 TO 410+73.91	LT/RT	450	30	48545	15	0.025	0.375								
1	410+49.47 TO 415+00.00	LT	450	30	48443	15	0.569	8.535								
1	410+71.15 TO 415+00.00	LT/RT	450	30	48449	15	0.248	3.720								
1	415+00.00 TO 417+13.90	LT	450	30	48407	15	0.313	4.695								
1	415+00.00 TO 416+84.17	LT/RT	450	30	48422	15	0.100	1.500								
1	415+00.00 TO 417+03.02	RT	450	30	48429	15	0.377	5.655								
1	417+23.22 TO 420+40.00	RT	450	30	48388	15	0.694	10.410								
1	417+36.71 TO 420+40.00	LT	450	30	48375	15	0.419	6.285								
1	417+64.57 TO 420+40.00	LT/RT	450	30	48383	15	0.161	2.415								
1	420+40.00 TO 425+80.00	LT	450	30	48338	15	0.829	12.435								
1	420+40.00 TO 425+80.00	LT/RT	450	30	48348	15	0.474	7.110								
1	420+40.00 TO 425+80.00	RT	450	30	48358	15	1.165	17.475								
1	425+80.00 TO 431+20.00	LT	450	30	48313	15	0.933	13.995								
1	425+80.00 TO 431+20.00	LT/RT	450	30	48323	15	1.289	19.335								
1	425+80.00 TO 427+01.71	LT/RT	450	30	48330	15	0.081	1.215								
1	431+20.00 TO 436+60.00	LT	450	30	48294	15	0.708	10.620								
1	431+20.00 TO 436+60.00	LT/RT	450	30	48304	15	1.764	26.460								
1	436+60.00 TO 439+74.70	LT	450	30	48270	15	0.246	3.690								
1	436+60.00 TO 441+99.99	LT/RT	450	30	48276	15	3.462	51.930								
1	437+73.49 TO 441+95.95	RT	450	30	48285	15	0.493	7.395								
1	437+90.00 TO 442+10.91	LT	450	30	48262	15	0.364	5.460								
1	444+36.59 TO 448+99.79	RT	450	30	48634	15	1.474	22.110								
1	444+94.63 TO 448+59.13	LT	450	30	48620	15	0.365	5.475								
1	445+40.00 TO 447+74.22	LT	450	30	48606	15	0.200	3.000								
1	445+40.00 TO 450+80.00	LT/RT	450	30	48625	15	2.527	37.905								
1	446+52.27 TO 449+09.24	LT	450	30	48613	15	0.233	3.495								
1	448+99.79 TO 449+56.94	RT	450	30	48641	15	0.010	0.150								
1	449+01.99 TO 450+85.43	LT	450	30	48645	15	0.235	3.525								
1	449+06.29 TO 454+70.39	LT	450	30	48651	15	0.196	2.940								
1	450+78.76 TO 456+20.00	LT	450	30	48657	15	1.408	21.120								
1	450+80.00 TO 456+20.00	LT/RT	450	30	48666	15	1.882	28.230								
1	456+20.00 TO 461+60.00	LT	450	30	48675	15	1.068	16.020								
1	456+20.00 TO 461+60.00	LT/RT	450	30	48685	15	1.955	29.325								
1	459+44.17 TO 461+60.00	LT/RT	450	30	48694	15	0.094	1.410								
1	461+60.00 TO 467+00.00	LT	450	30	48699	15	1.236	18.540								
							SUB-TOTAL:	523.20					SUB-TOTAL:			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-9

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL 0107 1					MOWING 0107 2					DESIGN NOTES	CONSTRUCTION REMARKS
					AREA ID	CYCLES	AREA AC/CYCLE	AREA TOTAL (AC) P	AREA TOTAL (AC) F	AREA ID	CYCLES	AREA AC/CYCLE	AREA TOTAL (AC) P	AREA TOTAL (AC) F		
	STA. TO STA.															
1	461+60.00 TO 467+00.00	LT/RT	450	30	48707	15	0.483	7.245								
1	461+60.00 TO 467+00.00	RT	450	30	48715	15	1.413	21.195								
1	463+54.01 TO 465+02.21	RT	450	30	48833	15	0.746	11.190								
1	463+58.21 TO 467+00.00	RT	450	30	48818	15	0.140	2.100								
1	464+30.79 TO 468+39.18	RT	450	30	48826	15	3.232	48.480								
1	467+00.00 TO 472+40.00	LT	450	30	48723	15	0.697	10.455								
1	467+00.00 TO 471+11.18	LT/RT	450	30	48760	15	0.254	3.810								
1	467+00.00 TO 472+40.00	RT	450	30	48770	15	0.718	10.770								
1	467+00.00 TO 468+41.57	RT	450	30	48804	15	0.202	3.030								
1	471+93.05 TO 472+40.00	LT/RT	450	30	48798	15	0.021	0.315								
1	472+40.00 TO 477+80.00	LT	450	30	48778	15	0.690	10.350								
1	472+40.00 TO 477+80.00	LT/RT	450	30	48783	15	0.481	7.215								
1	472+40.00 TO 477+80.00	RT	450	30	48790	15	0.683	10.245								
2	24+69.81 TO 27+40.00	RT	210	30	96377	7	0.155	1.085								
2	24+69.81 TO 27+40.00	RT	210	30	97387	7	0.155	1.085								
2	24+70.21 TO 27+40.00	LT	210	30	96367	7	0.182	1.274								
2	24+70.21 TO 27+40.00	LT	210	30	97377	7	0.182	1.274								
2	27+40.00 TO 32+80.00	LT	210	30	96384	7	0.444	3.108								
2	27+40.00 TO 32+80.00	RT	210	30	96400	7	0.766	5.362								
2	27+40.00 TO 32+80.00	LT	210	30	97394	7	0.444	3.108								
2	27+40.00 TO 32+80.00	RT	210	30	97410	7	0.766	5.362								
2	29+22.17 TO 32+80.00	LT/RT	210	30	96411	7	0.099	0.693								
2	29+22.17 TO 32+80.00	LT/RT	210	30	97421	7	0.099	0.693								
2	31+09.67 TO 32+37.36	LT	210	30	96434	7	0.189	1.323								
2	31+09.67 TO 32+37.36	LT	210	30	97444	7	0.189	1.323								
2	31+09.98 TO 31+36.41	LT	210	30	96426	7	0.027	0.189								
2	31+09.98 TO 31+36.41	LT	210	30	97436	7	0.027	0.189								
2	31+56.33 TO 31+70.15	LT	210	30	96420	7	0.019	0.133								
2	31+56.33 TO 31+70.15	LT	210	30	97430	7	0.019	0.133								
2	32+80.00 TO 35+69.51	LT/RT	210	30	96446	7	1.175	8.225								
2	32+80.00 TO 33+70.44	LT	210	30	96454	7	0.018	0.126								
2	32+80.00 TO 35+62.90	LT	210	30	96461	7	0.735	5.145								
2	32+80.00 TO 35+69.51	LT/RT	210	30	97456	7	1.175	8.225								
2	32+80.00 TO 33+70.44	LT	210	30	97464	7	0.018	0.126								
2	32+80.00 TO 35+62.90	LT	210	30	97471	7	0.735	5.145								
2	36+08.70 TO 37+64.17	LT	210	30	97327	7	0.110	0.770								
2	36+08.70 TO 37+64.17	LT	210	30	98337	7	0.110	0.770								
2	36+12.75 TO 38+20.00	LT/RT	210	30	96474	7	0.828	5.796								
2	36+12.75 TO 38+20.00	LT/RT	210	30	97484	7	0.828	5.796								
2	36+28.20 TO 38+88.07	LT	210	30	97370	7	0.298	2.086								
2	36+28.20 TO 38+88.07	LT	210	30	98380	7	0.298	2.086								
2	37+00.50 TO 37+32.06	RT	210	30	97184	7	0.001	0.007								
2	37+00.50 TO 37+32.06	RT	210	30	98194	7	0.001	0.007								
2	37+80.16 TO 45+11.99	RT	210	30	96523	7	3.577	25.039								
2	37+80.16 TO 45+11.99	RT	210	30	97533	7	3.577	25.039								
2	38+13.15 TO 43+60.00	LT/RT	210	30	96494	7	2.157	15.099								
2	38+13.15 TO 43+60.00	LT/RT	210	30	97504	7	2.157	15.099								
2	38+32.22 TO 38+98.95	RT	210	30	96509	7	0.008	0.056								
							SUB-TOTAL:	297.38				SUB-TOTAL:				

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-10

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL 0107 1					MOWING 0107 2					DESIGN NOTES	CONSTRUCTION REMARKS
					AREA ID	CYCLES	AREA AC/CYCLE	AREA TOTAL (AC) P	AREA TOTAL (AC) F	AREA ID	CYCLES	AREA AC/CYCLE	AREA TOTAL (AC) P	AREA TOTAL (AC) F		
	STA. TO STA.															
2	38+32.22 TO 38+98.95	RT	210	30	97519	7	0.008	0.056								
2	38+72.15 TO 43+60.00	LT	210	30	96484	7	0.126	0.882								
2	38+72.15 TO 43+60.00	LT	210	30	97494	7	0.126	0.882								
2	38+87.95 TO 43+60.00	LT	210	30	97359	7	0.545	3.815								
2	38+87.95 TO 43+60.00	LT	210	30	98369	7	0.545	3.815								
2	38+98.95 TO 40+08.88	RT	210	30	96513	7	0.006	0.042								
2	38+98.95 TO 40+08.88	RT	210	30	97523	7	0.006	0.042								
2	40+08.94 TO 43+60.00	RT	210	30	96536	7	0.142	0.994								
2	40+08.94 TO 43+60.00	RT	210	30	97546	7	0.142	0.994								
2	43+60.00 TO 45+14.78	LT	210	30	96540	7	0.035	0.245								
2	43+60.00 TO 49+00.00	LT	210	30	96545	7	0.579	4.053								
2	43+60.00 TO 47+01.65	LT	210	30	96583	7	0.090	0.630								
2	43+60.00 TO 46+47.08	LT/RT	210	30	96590	7	0.880	6.160								
2	43+60.00 TO 46+03.45	RT	210	30	96596	7	0.201	1.407								
2	43+60.00 TO 45+14.78	LT	210	30	97550	7	0.035	0.245								
2	43+60.00 TO 49+00.00	LT	210	30	97555	7	0.579	4.053								
2	43+60.00 TO 47+01.65	LT	210	30	97593	7	0.090	0.630								
2	43+60.00 TO 46+47.08	LT/RT	210	30	97600	7	0.880	6.160								
2	43+60.00 TO 46+03.45	RT	210	30	97606	7	0.201	1.407								
2	44+62.76 TO 45+88.93	RT	210	30	96601	7	0.259	1.813								
2	44+62.76 TO 45+88.93	RT	210	30	97611	7	0.259	1.813								
2	45+32.43 TO 45+54.45	RT	210	30	96607	7	0.006	0.042								
2	45+32.43 TO 45+54.45	RT	210	30	97617	7	0.006	0.042								
2	45+54.30 TO 46+55.72	RT	210	30	96622	7	0.165	1.155								
2	45+54.30 TO 46+55.72	RT	210	30	97632	7	0.165	1.155								
2	45+85.28 TO 46+17.04	RT	210	30	96616	7	0.009	0.063								
2	45+85.28 TO 46+17.04	RT	210	30	97626	7	0.009	0.063								
2	46+04.75 TO 46+83.50	RT	210	30	96645	7	0.071	0.497								
2	46+04.75 TO 46+83.50	RT	210	30	97655	7	0.071	0.497								
2	46+08.83 TO 46+34.42	RT	210	30	96611	7	0.008	0.056								
2	46+08.83 TO 46+34.42	RT	210	30	97621	7	0.008	0.056								
2	46+17.04 TO 49+00.00	LT/RT	210	30	96629	7	0.807	5.649								
2	46+17.04 TO 49+00.00	LT/RT	210	30	97639	7	0.807	5.649								
2	46+55.98 TO 47+42.23	RT	210	30	96650	7	0.089	0.623								
2	46+55.98 TO 47+42.23	RT	210	30	97660	7	0.089	0.623								
2	46+83.50 TO 49+00.00	RT	210	30	96639	7	0.208	1.456								
2	46+83.50 TO 49+00.00	RT	210	30	97649	7	0.208	1.456								
2	46+91.91 TO 53+65.70	RT	210	30	96660	7	2.996	20.972								
2	46+91.91 TO 53+65.70	RT	210	30	97670	7	2.996	20.972								
2	47+30.34 TO 49+00.00	LT	210	30	96655	7	0.038	0.266								
2	47+30.34 TO 49+00.00	LT	210	30	97665	7	0.038	0.266								
2	49+00.00 TO 54+40.00	RT	210	30	96667	7	0.595	4.165								
2	49+00.00 TO 54+40.00	LT/RT	210	30	96676	7	1.709	11.963								
2	49+00.00 TO 54+40.00	LT	210	30	96689	7	0.225	1.575								
2	49+00.00 TO 54+40.00	LT	210	30	96698	7	0.342	2.394								
2	49+00.00 TO 54+40.00	RT	210	30	97677	7	0.595	4.165								
2	49+00.00 TO 54+40.00	LT/RT	210	30	97686	7	1.709	11.963								
2	49+00.00 TO 54+40.00	LT	210	30	97699	7	0.225	1.575								
							SUB-TOTAL:	139.50				SUB-TOTAL:				

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-11

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL 0107 1					MOWING 0107 2					DESIGN NOTES	CONSTRUCTION REMARKS
					AREA ID	CYCLES	AREA AC/CYCLE	AREA TOTAL (AC) P	AREA TOTAL (AC) F	AREA ID	CYCLES	AREA AC/CYCLE	AREA TOTAL (AC) P	AREA TOTAL (AC) F		
	STA. TO STA.															
2	49+00.00 TO 54+40.00	LT	210	30	97708	7	0.342	2.394								
2	49+61.69 TO 52+32.99	LT	210	30	96685	7	0.031	0.217								
2	49+61.69 TO 52+32.99	LT	210	30	97695	7	0.031	0.217								
2	53+77.76 TO 61+32.50	RT	210	30	96741	7	5.821	40.747								
2	53+77.76 TO 61+32.50	RT	210	30	97751	7	5.821	40.747								
2	54+40.00 TO 55+27.19	LT	210	30	96705	7	0.051	0.357								
2	54+40.00 TO 59+80.00	LT	210	30	96710	7	0.557	3.899								
2	54+40.00 TO 59+80.00	LT/RT	210	30	96717	7	1.458	10.206								
2	54+40.00 TO 59+80.00	RT	210	30	96730	7	0.942	6.594								
2	54+40.00 TO 55+27.19	LT	210	30	97715	7	0.051	0.357								
2	54+40.00 TO 59+80.00	LT	210	30	97720	7	0.557	3.899								
2	54+40.00 TO 59+80.00	LT/RT	210	30	97727	7	1.458	10.206								
2	54+40.00 TO 59+80.00	RT	210	30	97740	7	0.942	6.594								
2	59+80.00 TO 61+97.03	RT	210	30	96749	7	0.425	2.975								
2	59+80.00 TO 65+20.00	LT	210	30	96755	7	0.542	3.794								
2	59+80.00 TO 65+20.00	LT/RT	210	30	96764	7	1.178	8.246								
2	59+80.00 TO 61+97.03	RT	210	30	97759	7	0.425	2.975								
2	59+80.00 TO 65+20.00	LT	210	30	97765	7	0.542	3.794								
2	59+80.00 TO 65+20.00	LT/RT	210	30	97774	7	1.178	8.246								
2	65+20.00 TO 70+60.00	LT	210	30	96777	7	0.198	1.386								
2	65+20.00 TO 70+60.00	LT/RT	210	30	96787	7	1.150	8.050								
2	65+20.00 TO 70+60.00	LT	210	30	97787	7	0.198	1.386								
2	65+20.00 TO 70+60.00	LT/RT	210	30	97797	7	1.150	8.050								
2	67+78.86 TO 70+60.00	LT	210	30	96782	7	0.054	0.378								
2	67+78.86 TO 70+60.00	LT	210	30	97792	7	0.054	0.378								
2	70+60.00 TO 74+97.42	LT	210	30	96794	7	0.160	1.120								
2	70+60.00 TO 71+04.21	LT	210	30	96811	7	0.005	0.035								
2	70+60.00 TO 76+00.00	LT/RT	210	30	96815	7	1.107	7.749								
2	70+60.00 TO 74+97.42	LT	210	30	97804	7	0.160	1.120								
2	70+60.00 TO 71+04.21	LT	210	30	97821	7	0.005	0.035								
2	70+60.00 TO 76+00.00	LT/RT	210	30	97825	7	1.107	7.749								
2	74+36.28 TO 74+89.39	LT	210	30	96801	7	0.017	0.119								
2	74+36.28 TO 74+89.39	LT	210	30	97811	7	0.017	0.119								
2	74+88.81 TO 75+02.04	LT	210	30	96823	7	0.023	0.161								
2	74+88.81 TO 75+02.04	LT	210	30	97833	7	0.023	0.161								
2	75+23.73 TO 75+37.60	LT	210	30	96832	7	0.024	0.168								
2	75+23.73 TO 75+37.60	LT	210	30	97842	7	0.024	0.168								
2	75+29.20 TO 76+00.00	LT	210	30	96840	7	0.040	0.280								
2	75+29.20 TO 76+00.00	LT	210	30	97850	7	0.040	0.280								
2	75+73.18 TO 76+00.00	LT	210	30	96846	7	0.009	0.063								
2	75+73.18 TO 76+00.00	LT	210	30	97856	7	0.009	0.063								
2	76+00.00 TO 81+40.00	LT	210	30	96851	7	0.408	2.856								
2	76+00.00 TO 80+43.18	LT	210	30	96860	7	0.085	0.595								
2	76+00.00 TO 81+40.00	LT/RT	210	30	96867	7	1.211	8.477								
2	76+00.00 TO 81+40.00	LT	210	30	97861	7	0.408	2.856								
2	76+00.00 TO 80+43.18	LT	210	30	97870	7	0.085	0.595								
2	76+00.00 TO 81+40.00	LT/RT	210	30	97877	7	1.211	8.477								
2	78+67.64 TO 82+31.83	LT	210	30	96878	7	4.209	29.463								
							SUB-TOTAL:	248.80				SUB-TOTAL:				

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-12

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL 0107 1					MOWING 0107 2					DESIGN NOTES	CONSTRUCTION REMARKS
					AREA ID	CYCLES	AREA AC/CYCLE	AREA TOTAL (AC) P	AREA TOTAL (AC) F	AREA ID	CYCLES	AREA AC/CYCLE	AREA TOTAL (AC) P	AREA TOTAL (AC) F		
	STA. TO STA.															
2	78+67.64 TO 82+31.83	LT	210	30	97888	7	4.209	29.463								
2	78+76.92 TO 81+40.00	LT	210	30	96888	7	0.518	3.626								
2	78+76.92 TO 81+40.00	LT	210	30	97898	7	0.518	3.626								
2	80+79.44 TO 85+40.60	LT	210	30	96896	7	2.904	20.328								
2	80+79.44 TO 85+40.60	LT	210	30	97906	7	2.904	20.328								
2	81+40.00 TO 84+86.98	LT	210	30	96904	7	0.694	4.858								
2	81+40.00 TO 86+80.00	LT/RT	210	30	96909	7	1.319	9.233								
2	81+40.00 TO 86+80.00	LT	210	30	96915	7	0.482	3.374								
2	81+40.00 TO 84+86.98	LT	210	30	97914	7	0.694	4.858								
2	81+40.00 TO 86+80.00	LT/RT	210	30	97919	7	1.319	9.233								
2	81+40.00 TO 86+80.00	LT	210	30	97925	7	0.482	3.374								
2	86+80.00 TO 92+20.00	LT	210	30	96922	7	0.614	4.298								
2	86+80.00 TO 92+20.00	LT/RT	210	30	96951	7	1.391	9.737								
2	86+80.00 TO 92+20.00	LT	210	30	97932	7	0.614	4.298								
2	86+80.00 TO 92+20.00	LT/RT	210	30	97961	7	1.391	9.737								
2	90+50.51 TO 92+20.00	LT	210	30	96930	7	0.271	1.897								
2	90+50.51 TO 92+20.00	LT	210	30	97940	7	0.271	1.897								
2	90+90.98 TO 94+73.16	LT	210	30	96936	7	1.348	9.436								
2	90+90.98 TO 94+73.16	LT	210	30	97946	7	1.348	9.436								
2	92+20.00 TO 94+74.35	LT	210	30	96943	7	0.588	4.116								
2	92+20.00 TO 94+00.00	LT	210	30	96960	7	0.050	0.350								
2	92+20.00 TO 94+00.00	LT/RT	210	30	96965	7	0.583	4.081								
2	92+20.00 TO 94+74.35	LT	210	30	97953	7	0.588	4.116								
2	92+20.00 TO 94+00.00	LT	210	30	97970	7	0.050	0.350								
2	92+20.00 TO 94+00.00	LT/RT	210	30	97975	7	0.583	4.081								
2	403+80.58 TO 409+60.00	RT	210	30	96992	7	0.780	5.460								
2	403+80.58 TO 409+60.00	RT	210	30	98002	7	0.780	5.460								
2	403+87.37 TO 409+60.00	LT	210	30	96975	7	0.757	5.299								
2	403+87.37 TO 409+60.00	LT	210	30	97985	7	0.757	5.299								
2	404+02.75 TO 409+60.00	LT/RT	210	30	96983	7	0.289	2.023								
2	404+02.75 TO 409+60.00	LT/RT	210	30	97993	7	0.289	2.023								
2	409+60.00 TO 410+14.48	LT	210	30	97001	7	0.063	0.441								
2	409+60.00 TO 410+15.50	LT/RT	210	30	97006	7	0.028	0.196								
2	409+60.00 TO 415+00.00	RT	210	30	97019	7	0.876	6.132								
2	409+60.00 TO 410+14.48	LT	210	30	98011	7	0.063	0.441								
2	409+60.00 TO 410+15.50	LT/RT	210	30	98016	7	0.028	0.196								
2	409+60.00 TO 415+00.00	RT	210	30	98029	7	0.876	6.132								
2	410+14.75 TO 410+73.91	LT/RT	210	30	97010	7	0.025	0.175								
2	410+14.75 TO 410+73.91	LT/RT	210	30	98020	7	0.025	0.175								
2	410+49.47 TO 415+00.00	LT	210	30	97033	7	0.569	3.983								
2	410+49.47 TO 415+00.00	LT	210	30	98043	7	0.569	3.983								
2	410+71.15 TO 415+00.00	LT/RT	210	30	97028	7	0.248	1.736								
2	410+71.15 TO 415+00.00	LT/RT	210	30	98038	7	0.248	1.736								
2	415+00.00 TO 417+13.90	LT	210	30	97039	7	0.313	2.191								
2	415+00.00 TO 416+84.17	LT/RT	210	30	97048	7	0.100	0.700								
2	415+00.00 TO 417+01.00	RT	210	30	97055	7	0.372	2.604								
2	415+00.00 TO 417+13.90	LT	210	30	98049	7	0.313	2.191								
2	415+00.00 TO 416+84.17	LT/RT	210	30	98058	7	0.100	0.700								
							SUB-TOTAL:	239.41				SUB-TOTAL:				

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-13

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL 0107 1					MOWING 0107 2					DESIGN NOTES	CONSTRUCTION REMARKS
					AREA ID	CYCLES	AREA AC/CYCLE	AREA TOTAL (AC) P	AREA TOTAL (AC) F	AREA ID	CYCLES	AREA AC/CYCLE	AREA TOTAL (AC) P	AREA TOTAL (AC) F		
	STA. TO STA.															
2	415+00.00 TO 417+01.00	RT	210	30	98065	7	0.372	2.604								
2	417+23.22 TO 420+40.00	RT	210	30	97077	7	0.694	4.858								
2	417+23.22 TO 420+40.00	RT	210	30	98087	7	0.694	4.858								
2	417+36.71 TO 420+40.00	LT	210	30	97064	7	0.419	2.933								
2	417+36.71 TO 420+40.00	LT	210	30	98074	7	0.419	2.933								
2	417+64.57 TO 420+40.00	LT/RT	210	30	97072	7	0.161	1.127								
2	417+64.57 TO 420+40.00	LT/RT	210	30	98082	7	0.161	1.127								
2	420+40.00 TO 425+80.00	RT	210	30	97086	7	1.161	8.127								
2	420+40.00 TO 425+80.00	LT/RT	210	30	97101	7	0.472	3.304								
2	420+40.00 TO 425+80.00	LT	210	30	97112	7	0.834	5.838								
2	420+40.00 TO 425+80.00	RT	210	30	98096	7	1.161	8.127								
2	420+40.00 TO 425+80.00	LT/RT	210	30	98111	7	0.472	3.304								
2	420+40.00 TO 425+80.00	LT	210	30	98122	7	0.834	5.838								
2	425+80.00 TO 431+20.00	RT	210	30	97123	7	0.785	5.495								
2	425+80.00 TO 429+95.35	LT/RT	210	30	97131	7	0.182	1.274								
2	425+80.00 TO 431+20.00	LT/RT	210	30	97139	7	1.483	10.381								
2	425+80.00 TO 431+20.00	RT	210	30	98133	7	0.785	5.495								
2	425+80.00 TO 429+95.35	LT/RT	210	30	98141	7	0.182	1.274								
2	425+80.00 TO 431+20.00	LT/RT	210	30	98149	7	1.483	10.381								
2	431+20.00 TO 436+60.00	LT/RT	210	30	97148	7	1.677	11.739								
2	431+20.00 TO 436+60.00	RT	210	30	97155	7	0.798	5.586								
2	431+20.00 TO 436+60.00	LT/RT	210	30	98158	7	1.677	11.739								
2	431+20.00 TO 436+60.00	RT	210	30	98165	7	0.798	5.586								
2	436+60.00 TO 441+99.99	LT/RT	210	30	97162	7	2.198	15.386								
2	436+60.00 TO 441+99.96	RT	210	30	97168	7	1.381	9.667								
2	436+60.00 TO 441+99.99	LT/RT	210	30	98172	7	2.198	15.386								
2	436+60.00 TO 441+99.96	RT	210	30	98178	7	1.381	9.667								
2	437+73.49 TO 441+95.95	RT	210	30	97174	7	0.493	3.451								
2	437+73.49 TO 441+95.95	RT	210	30	98184	7	0.493	3.451								
2	437+90.00 TO 442+10.91	LT	210	30	97179	7	0.514	3.598								
2	437+90.00 TO 442+10.91	LT	210	30	98189	7	0.514	3.598								
2	444+36.31 TO 448+99.79	RT	210	30	97346	7	1.646	11.522								
2	444+36.31 TO 448+99.79	RT	210	30	98356	7	1.646	11.522								
2	444+94.63 TO 449+09.24	LT	210	30	97194	7	0.915	6.405								
2	444+94.63 TO 449+09.24	LT	210	30	98204	7	0.915	6.405								
2	445+40.00 TO 447+74.22	LT	210	30	97189	7	0.262	1.834								
2	445+40.00 TO 450+85.43	LT/RT	210	30	97202	7	1.660	11.620								
2	445+40.00 TO 447+74.22	LT	210	30	98199	7	0.262	1.834								
2	445+40.00 TO 450+85.43	LT/RT	210	30	98212	7	1.660	11.620								
2	447+97.48 TO 450+80.00	RT	210	30	97339	7	0.429	3.003								
2	447+97.48 TO 450+80.00	RT	210	30	98349	7	0.429	3.003								
2	448+99.79 TO 449+56.94	RT	210	30	97221	7	0.010	0.070								
2	448+99.79 TO 449+56.94	RT	210	30	98231	7	0.010	0.070								
2	449+06.29 TO 454+70.39	LT	210	30	97211	7	0.196	1.372								
2	449+06.29 TO 454+70.39	LT	210	30	98221	7	0.196	1.372								
2	450+78.08 TO 456+20.00	LT/RT	210	30	97234	7	2.209	15.463								
2	450+78.08 TO 456+20.00	LT/RT	210	30	98244	7	2.209	15.463								
2	450+80.00 TO 456+20.00	RT	210	30	97225	7	0.900	6.300								
							SUB-TOTAL:	297.01				SUB-TOTAL:				

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-14

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL 0107 1					MOWING 0107 2					DESIGN NOTES	CONSTRUCTION REMARKS
					AREA ID	CYCLES	AREA AC/CYCLE	AREA TOTAL (AC) P	AREA TOTAL (AC) F	AREA ID	CYCLES	AREA AC/CYCLE	AREA TOTAL (AC) P	AREA TOTAL (AC) F		
	STA. TO STA.															
2	450+80.00 TO 456+20.00	RT	210	30	98235	7	0.900	6.300								
2	456+20.00 TO 461+60.00	LT/RT	210	30	97242	7	1.730	12.110								
2	456+20.00 TO 461+60.00	RT	210	30	97252	7	1.264	8.848								
2	456+20.00 TO 461+60.00	LT/RT	210	30	98252	7	1.730	12.110								
2	456+20.00 TO 461+60.00	RT	210	30	98262	7	1.264	8.848								
2	461+60.00 TO 467+00.00	LT/RT	210	30	97260	7	1.904	13.328								
2	461+60.00 TO 467+00.00	RT	210	30	97267	7	1.246	8.722								
2	461+60.00 TO 467+00.00	LT/RT	210	30	98270	7	1.904	13.328								
2	461+60.00 TO 467+00.00	RT	210	30	98277	7	1.246	8.722								
2	463+54.01 TO 465+02.21	RT	210	30	97280	7	0.746	5.222								
2	463+54.01 TO 465+02.21	RT	210	30	98290	7	0.746	5.222								
2	463+58.21 TO 467+00.00	RT	210	30	97274	7	0.140	0.980								
2	463+58.21 TO 467+00.00	RT	210	30	98284	7	0.140	0.980								
2	464+30.79 TO 468+39.18	RT	210	30	97286	7	3.232	22.624								
2	464+30.79 TO 468+39.18	RT	210	30	98296	7	3.232	22.624								
2	467+00.00 TO 472+40.00	LT/RT	210	30	97293	7	1.360	9.520								
2	467+00.00 TO 472+40.00	RT	210	30	97299	7	0.555	3.885								
2	467+00.00 TO 468+41.57	RT	210	30	97307	7	0.202	1.414								
2	467+00.00 TO 472+40.00	LT/RT	210	30	98303	7	1.360	9.520								
2	467+00.00 TO 472+40.00	RT	210	30	98309	7	0.555	3.885								
2	467+00.00 TO 468+41.57	RT	210	30	98317	7	0.202	1.414								
2	472+40.00 TO 477+50.00	LT/RT	210	30	97313	7	1.277	8.939								
2	472+40.00 TO 477+50.00	RT	210	30	97319	7	0.496	3.472								
2	472+40.00 TO 477+50.00	LT/RT	210	30	98323	7	1.277	8.939								
2	472+40.00 TO 477+50.00	RT	210	30	98329	7	0.496	3.472								
3	24+70.00 TO 24+96.91	LT	120	30	98474	4	0.026	0.104								
3	24+70.00 TO 27+40.00	RT	120	30	98483	4	0.143	0.572								
3	25+15.33 TO 27+40.00	LT	120	30	98492	4	0.111	0.444								
3	26+67.17 TO 27+40.00	LT/RT	120	30	98502	4	0.005	0.020								
3	27+40.00 TO 27+48.01	RT	120	30	98506	4	0.003	0.012								
3	27+40.00 TO 28+14.48	LT	120	30	98511	4	0.057	0.228								
3	27+40.00 TO 32+80.00	LT/RT	120	30	98529	4	0.348	1.392								
3	27+73.59 TO 32+80.00	RT	120	30	98519	4	0.458	1.832								
3	28+33.98 TO 32+80.00	LT	120	30	98536	4	0.323	1.292								
3	31+09.67 TO 32+37.36	LT	120	30	98549	4	0.189	0.756								
3	31+09.98 TO 31+36.41	LT	120	30	98561	4	0.027	0.108								
3	31+56.33 TO 31+70.15	LT	120	30	98569	4	0.019	0.076								
3	32+80.00 TO 35+02.53	RT	120	30	98575	4	0.609	2.436								
3	32+80.00 TO 34+56.82	LT/RT	120	30	98582	4	0.138	0.552								
3	32+80.00 TO 34+96.08	LT	120	30	99676	4	0.550	2.200								
3	35+40.41 TO 35+75.00	RT	120	30	98601	4	0.054	0.216								
3	35+41.35 TO 35+74.09	LT	120	30	98597	4	0.047	0.188								
3	35+95.92 TO 37+64.17	LT	120	30	99721	4	0.163	0.652								
3	36+15.42 TO 38+20.00	RT	120	30	99689	4	0.568	2.272								
3	36+24.03 TO 38+20.00	LT	120	30	99652	4	0.333	1.332								
3	36+50.90 TO 38+19.99	LT/RT	120	30	98607	4	0.161	0.644								
3	37+80.16 TO 45+11.99	RT	120	30	98674	4	3.577	14.308								
3	38+13.15 TO 43+60.00	RT	120	30	98644	4	0.293	1.172								
							SUB-TOTAL:	237.24				SUB-TOTAL:				

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-15

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL 0107 1					MOWING 0107 2					DESIGN NOTES	CONSTRUCTION REMARKS
					AREA ID	CYCLES	AREA AC/CYCLE	AREA TOTAL (AC) P	AREA TOTAL (AC) F	AREA ID	CYCLES	AREA AC/CYCLE	AREA TOTAL (AC) P	AREA TOTAL (AC) F		
	STA. TO STA.															
3	38+18.03 TO 43+60.00	RT	120	30	98635	4	0.949	3.796								
3	38+20.00 TO 43+60.00	LT/RT	120	30	98620	4	0.584	2.336								
3	38+20.00 TO 39+27.20	LT	120	30	99605	4	0.041	0.164								
3	38+32.22 TO 38+98.95	RT	120	30	98656	4	0.008	0.032								
3	38+91.47 TO 43+60.00	LT	120	30	99611	4	0.575	2.300								
3	38+98.95 TO 40+08.88	RT	120	30	98660	4	0.006	0.024								
3	40+08.94 TO 43+60.00	RT	120	30	98670	4	0.142	0.568								
3	43+60.00 TO 49+00.00	LT	120	30	98687	4	0.579	2.316								
3	43+60.00 TO 47+01.65	LT	120	30	98722	4	0.090	0.360								
3	43+60.00 TO 49+00.00	LT/RT	120	30	98729	4	0.496	1.984								
3	43+60.00 TO 46+34.42	RT	120	30	98746	4	0.227	0.908								
3	43+60.00 TO 46+74.02	RT	120	30	98759	4	0.510	2.040								
3	44+62.76 TO 46+17.04	RT	120	30	98751	4	0.305	1.220								
3	45+32.43 TO 46+20.97	RT	120	30	98776	4	0.085	0.340								
3	45+64.98 TO 46+55.72	RT	120	30	98784	4	0.045	0.180								
3	46+04.75 TO 46+36.67	RT	120	30	98771	4	0.016	0.064								
3	46+39.61 TO 46+83.50	RT	120	30	98792	4	0.029	0.116								
3	46+55.98 TO 47+42.23	RT	120	30	98851	4	0.089	0.356								
3	46+60.52 TO 49+00.00	RT	120	30	98798	4	0.325	1.300								
3	46+83.50 TO 49+00.00	RT	120	30	98855	4	0.208	0.832								
3	46+91.91 TO 53+65.70	RT	120	30	98870	4	2.996	11.984								
3	47+30.34 TO 49+00.00	LT	120	30	98741	4	0.038	0.152								
3	49+00.00 TO 54+40.00	LT	120	30	98810	4	0.342	1.368								
3	49+00.00 TO 54+40.00	LT	120	30	98817	4	0.225	0.900								
3	49+00.00 TO 54+40.00	LT/RT	120	30	98826	4	0.570	2.280								
3	49+00.00 TO 54+40.00	RT	120	30	98831	4	0.349	1.396								
3	49+00.00 TO 54+40.00	RT	120	30	98839	4	0.336	1.344								
3	49+00.00 TO 54+40.00	RT	120	30	98861	4	0.595	2.380								
3	53+77.76 TO 61+32.50	RT	120	30	98877	4	5.821	23.284								
3	54+40.00 TO 55+27.19	LT	120	30	98885	4	0.051	0.204								
3	54+40.00 TO 59+80.00	LT	120	30	98890	4	0.557	2.228								
3	54+40.00 TO 59+80.00	LT/RT	120	30	98897	4	0.570	2.280								
3	54+40.00 TO 55+82.85	RT	120	30	98904	4	0.037	0.148								
3	54+40.00 TO 59+80.00	RT	120	30	98909	4	0.942	3.768								
3	54+40.00 TO 59+80.00	RT	120	30	98919	4	0.293	1.172								
3	59+80.00 TO 61+97.03	RT	120	30	98935	4	0.425	1.700								
3	59+80.00 TO 65+20.00	LT	120	30	98942	4	0.542	2.168								
3	59+80.00 TO 65+20.00	LT/RT	120	30	98951	4	0.570	2.280								
3	59+80.00 TO 65+20.00	RT	120	30	98958	4	0.260	1.040								
3	65+20.00 TO 70+60.00	LT	120	30	98971	4	0.198	0.792								
3	65+20.00 TO 70+60.00	LT/RT	120	30	98976	4	0.570	2.280								
3	65+20.00 TO 70+60.00	RT	120	30	98981	4	0.292	1.168								
3	70+60.00 TO 74+97.42	LT	120	30	98986	4	0.160	0.640								
3	70+60.00 TO 76+00.00	LT/RT	120	30	99027	4	0.570	2.280								
3	70+60.00 TO 76+00.00	RT	120	30	99032	4	0.344	1.376								
3	74+36.28 TO 74+89.39	LT	120	30	98993	4	0.017	0.068								
3	74+88.81 TO 75+02.04	LT	120	30	99003	4	0.023	0.092								
3	75+23.73 TO 75+37.60	LT	120	30	99013	4	0.024	0.096								
							SUB-TOTAL:	92.10				SUB-TOTAL:				

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-16

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL 0107 1					MOWING 0107 2					DESIGN NOTES	CONSTRUCTION REMARKS
					AREA ID	CYCLES	AREA AC/CYCLE	AREA TOTAL (AC) P	AREA TOTAL (AC) F	AREA ID	CYCLES	AREA AC/CYCLE	AREA TOTAL (AC) P	AREA TOTAL (AC) F		
	STA. TO STA.															
3	75+29.20 TO 76+00.00	LT	120	30	99022	4	0.040	0.160								
3	76+00.00 TO 81+40.00	LT	120	30	99037	4	0.408	1.632								
3	76+00.00 TO 81+40.00	LT/RT	120	30	99046	4	0.570	2.280								
3	76+00.00 TO 81+40.00	RT	120	30	99055	4	0.380	1.520								
3	78+67.64 TO 82+31.83	LT	120	30	99062	4	4.209	16.836								
3	78+76.92 TO 81+40.00	LT	120	30	99072	4	0.518	2.072								
3	80+79.44 TO 85+40.60	LT	120	30	99080	4	2.904	11.616								
3	81+40.00 TO 84+86.98	LT	120	30	99088	4	0.694	2.776								
3	81+40.00 TO 86+80.00	LT	120	30	99093	4	0.482	1.928								
3	81+40.00 TO 86+80.00	LT/RT	120	30	99100	4	0.570	2.280								
3	81+40.00 TO 82+50.63	RT	120	30	99105	4	0.074	0.296								
3	83+00.63 TO 86+80.00	RT	120	30	99112	4	0.275	1.100								
3	86+80.00 TO 92+20.00	LT	120	30	99140	4	0.614	2.456								
3	86+80.00 TO 92+20.00	LT/RT	120	30	99149	4	0.570	2.280								
3	86+80.00 TO 92+20.00	RT	120	30	99177	4	0.473	1.892								
3	90+50.51 TO 92+20.00	LT	120	30	99125	4	0.271	1.084								
3	90+90.98 TO 94+73.16	LT	120	30	99118	4	1.348	5.392								
3	92+20.00 TO 94+74.35	LT	120	30	99132	4	0.588	2.352								
3	92+20.00 TO 94+00.00	LT	120	30	99156	4	0.050	0.200								
3	92+20.00 TO 92+60.63	RT	120	30	99161	4	0.063	0.252								
3	92+20.00 TO 94+00.00	LT/RT	120	30	99186	4	0.190	0.760								
3	92+80.85 TO 94+00.00	RT	120	30	99168	4	0.133	0.532								
3	403+80.58 TO 409+60.00	RT	120	30	99567	4	0.617	2.468								
3	403+87.37 TO 409+60.00	LT	120	30	99593	4	0.757	3.028								
3	404+02.75 TO 409+60.00	LT/RT	120	30	99584	4	0.289	1.156								
3	409+60.00 TO 415+00.00	RT	120	30	99546	4	0.860	3.440								
3	409+60.00 TO 410+15.50	LT/RT	120	30	99557	4	0.028	0.112								
3	409+60.00 TO 410+14.48	LT	120	30	99562	4	0.063	0.252								
3	410+14.75 TO 410+73.91	LT/RT	120	30	99537	4	0.025	0.100								
3	410+49.47 TO 415+00.00	LT	120	30	99530	4	0.569	2.276								
3	410+71.15 TO 415+00.00	LT/RT	120	30	99525	4	0.248	0.992								
3	415+00.00 TO 417+02.37	LT	120	30	99481	4	0.287	1.148								
3	415+00.00 TO 416+84.17	LT/RT	120	30	99489	4	0.100	0.400								
3	415+00.00 TO 417+01.00	RT	120	30	99496	4	0.372	1.488								
3	416+71.50 TO 416+98.34	RT	120	30	99505	4	0.016	0.064								
3	416+81.21 TO 417+03.95	LT	120	30	99476	4	0.026	0.104								
3	417+22.40 TO 417+52.23	RT	120	30	99510	4	0.019	0.076								
3	417+23.22 TO 420+40.00	RT	120	30	99516	4	0.694	2.776								
3	417+36.71 TO 420+40.00	LT	120	30	99461	4	0.388	1.552								
3	417+38.34 TO 417+62.60	LT	120	30	99471	4	0.027	0.108								
3	417+64.57 TO 420+40.00	LT/RT	120	30	99456	4	0.161	0.644								
3	420+40.00 TO 425+80.00	LT/RT	120	30	99417	4	0.470	1.880								
3	420+40.00 TO 425+80.00	RT	120	30	99429	4	1.165	4.660								
3	420+40.00 TO 425+80.00	LT	120	30	99444	4	0.818	3.272								
3	425+80.00 TO 431+20.00	LT/RT	120	30	99394	4	0.405	1.620								
3	425+80.00 TO 431+20.00	LT	120	30	99399	4	0.878	3.512								
3	425+80.00 TO 431+20.00	RT	120	30	99407	4	0.809	3.236								
3	431+20.00 TO 436+60.00	LT/RT	120	30	99375	4	0.405	1.620								
							SUB-TOTAL:	103.68					SUB-TOTAL:			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-17

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL 0107 1					MOWING 0107 2					DESIGN NOTES	CONSTRUCTION REMARKS
					AREA ID	CYCLES	AREA AC/CYCLE	AREA TOTAL (AC) P	AREA TOTAL (AC) F	AREA ID	CYCLES	AREA AC/CYCLE	AREA TOTAL (AC) P	AREA TOTAL (AC) F		
	STA. TO STA.															
3	431+20.00 TO 436+60.00	LT	120	30	99380	4	0.846	3.384								
3	431+20.00 TO 436+60.00	RT	120	30	99387	4	0.798	3.192								
3	436+60.00 TO 441+99.99	LT	120	30	99360	4	1.368	5.472								
3	436+60.00 TO 442+00.00	LT/RT	120	30	99716	4	0.408	1.632								
3	436+60.00 TO 442+00.00	RT	120	30	99709	4	1.381	5.524								
3	437+73.49 TO 441+95.95	RT	120	30	99370	4	0.493	1.972								
3	437+90.00 TO 442+10.91	LT	120	30	99354	4	0.514	2.056								
3	441+95.95 TO 442+00.00	RT	120	30	99703	4	0.001	0.004								
3	444+36.59 TO 448+99.79	RT	120	30	99625	4	1.493	5.972								
3	444+94.63 TO 449+09.24	LT	120	30	99332	4	0.715	2.860								
3	445+40.00 TO 450+80.00	LT/RT	120	30	99320	4	0.379	1.516								
3	445+40.00 TO 447+74.22	LT	120	30	99348	4	0.262	1.048								
3	445+40.00 TO 447+04.69	RT	120	30	99639	4	0.151	0.604								
3	445+40.00 TO 455+63.02	LT	120	30	99660	4	1.007	4.028								
3	448+99.36 TO 450+80.00	RT	120	30	99760	4	0.426	1.704								
3	448+99.79 TO 449+56.94	RT	120	30	99325	4	0.010	0.040								
3	449+04.87 TO 450+85.43	LT	120	30	99314	4	0.089	0.356								
3	449+06.29 TO 454+70.39	LT	120	30	99306	4	0.196	0.784								
3	450+80.00 TO 456+20.00	RT	120	30	99282	4	0.902	3.608								
3	450+80.00 TO 456+20.00	LT/RT	120	30	99291	4	0.372	1.488								
3	450+80.00 TO 456+20.00	LT	120	30	99296	4	0.632	2.528								
3	456+20.00 TO 461+60.00	LT	120	30	99266	4	0.655	2.620								
3	456+20.00 TO 461+60.00	LT/RT	120	30	99277	4	0.373	1.492								
3	456+20.00 TO 461+60.00	RT	120	30	99752	4	1.236	4.944								
3	461+60.00 TO 467+00.00	LT/RT	120	30	99255	4	0.368	1.472								
3	461+60.00 TO 463+78.08	RT	120	30	99260	4	0.464	1.856								
3	461+60.00 TO 467+00.00	LT	120	30	99729	4	1.073	4.292								
3	463+54.01 TO 465+02.21	RT	120	30	99244	4	0.655	2.620								
3	464+08.74 TO 467+00.00	RT	120	30	99236	4	0.132	0.528								
3	464+08.99 TO 467+00.42	RT	120	30	99744	4	0.617	2.468								
3	464+30.79 TO 468+39.18	RT	120	30	99229	4	3.232	12.928								
3	467+00.00 TO 472+40.00	LT/RT	120	30	99207	4	0.357	1.428								
3	467+00.00 TO 472+40.00	LT	120	30	99215	4	0.529	2.116								
3	467+00.00 TO 468+41.57	RT	120	30	99223	4	0.202	0.808								
3	467+00.00 TO 472+40.00	RT	120	30	99736	4	0.555	2.220								
3	472+40.00 TO 477+50.00	LT/RT	120	30	99191	4	0.325	1.300								
3	472+40.00 TO 477+50.00	LT	120	30	99195	4	0.500	2.000								
3	472+40.00 TO 477+50.00	RT	120	30	99200	4	0.493	1.972								
							SUB-TOTAL:	96.84				SUB-TOTAL:				

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-18

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL 0107 1					MOWING 0107 2					DESIGN NOTES	CONSTRUCTION REMARKS
					AREA ID	CYCLES	AREA AC/CYCLE	AREA TOTAL (AC) P	AREA TOTAL (AC) F	AREA ID	CYCLES	AREA AC/CYCLE	AREA TOTAL (AC) P	AREA TOTAL (AC) F		
	STA. TO STA.															
1	24+69.85 TO 27+40.00	RT	450	30						68377	15	0.157	2.355			
1	27+40.00 TO 27+48.10	RT	450	30						68384	15	0.003	0.045			
1	27+73.55 TO 32+80.00	RT	450	30						95932	15	0.612	9.180			
1	31+07.86 TO 32+80.00	LT	450	30						95935	15	0.101	1.515			
1	32+80.00 TO 33+34.29	RT	450	30						95924	15	0.095	1.425			
1	32+80.00 TO 33+23.58	LT	450	30						95938	15	0.059	0.885			
1	38+20.00 TO 43+60.00	LT/RT	450	30						69702	15	0.047	0.705			
1	39+18.30 TO 43+60.00	LT	450	30						69692	15	0.070	1.050			
1	42+58.04 TO 43+60.00	RT	450	30						69429	15	0.066	0.990			
1	42+66.88 TO 45+11.99	RT	450	30						69434	15	0.387	5.805			
1	43+60.00 TO 46+34.42	RT	450	30						69440	15	0.211	3.165			
1	43+60.00 TO 44+07.78	LT	450	30						95964	15	0.015	0.225			
1	44+01.36 TO 49+00.00	RT	450	30						69671	15	0.055	0.825			
1	44+62.76 TO 46+17.04	RT	450	30						68538	15	0.305	4.575			
1	45+32.43 TO 46+22.80	RT	450	30						68551	15	0.089	1.335			
1	45+64.98 TO 46+55.72	RT	450	30						68558	15	0.054	0.810			
1	46+04.75 TO 46+40.87	RT	450	30						68546	15	0.019	0.285			
1	46+17.04 TO 46+70.98	RT	450	30						69449	15	0.044	0.660			
1	46+38.25 TO 46+83.50	RT	450	30						68565	15	0.030	0.450			
1	46+60.95 TO 49+00.00	RT	450	30						69462	15	0.093	1.395			
1	47+45.87 TO 49+00.00	LT	450	30						69661	15	0.033	0.495			
1	49+00.00 TO 53+09.77	RT	450	30						69633	15	0.095	1.425			
1	49+00.00 TO 54+40.00	LT	450	30						69656	15	0.081	1.215			
1	53+09.77 TO 53+34.44	RT	450	30						69650	15	0.004	0.060			
1	53+34.44 TO 54+40.00	RT	450	30						69642	15	0.022	0.330			
1	53+77.76 TO 59+76.02	RT	450	30						69484	15	3.841	57.615			
1	54+40.00 TO 56+14.97	RT	450	30						69496	15	0.159	2.385			
1	54+40.00 TO 59+80.00	RT	450	30						69502	15	0.129	1.935			
1	54+40.00 TO 56+97.06	RT	450	30						69610	15	0.061	0.915			
1	54+40.00 TO 55+27.19	LT	450	30						69628	15	0.015	0.225			
1	54+91.86 TO 57+01.51	RT	450	30						69480	15	0.175	2.625			
1	55+21.93 TO 56+50.00	LT	450	30						69623	15	0.029	0.435			
1	56+50.00 TO 59+80.00	LT	450	30						69617	15	0.065	0.975			
1	57+07.05 TO 59+80.00	RT	450	30						69604	15	0.066	0.990			
1	59+76.02 TO 61+32.50	RT	450	30						69491	15	0.117	1.755			
1	59+80.00 TO 64+20.97	LT	450	30						69579	15	0.106	1.590			
1	59+80.00 TO 61+93.00	RT	450	30						69598	15	0.054	0.810			
1	61+00.28 TO 61+97.03	RT	450	30						69513	15	0.082	1.230			
1	61+54.53 TO 65+20.00	RT	450	30						69519	15	0.163	2.445			
1	62+07.98 TO 65+20.00	RT	450	30						69590	15	0.075	1.125			
1	65+20.00 TO 70+60.00	RT	450	30						68711	15	0.231	3.465			
1	65+20.00 TO 70+60.00	RT	450	30						69558	15	0.132	1.980			
1	70+60.00 TO 76+00.00	RT	450	30						68728	15	0.169	2.535			
1	70+60.00 TO 76+00.00	LT/RT	450	30						69543	15	0.132	1.980			
1	76+00.00 TO 81+40.00	RT	450	30						68741	15	0.215	3.225			
1	81+40.00 TO 86+80.00	RT	450	30						68755	15	0.246	3.690			
1	86+80.00 TO 92+20.00	RT	450	30						68770	15	0.288	4.320			
1	92+20.00 TO 92+60.63	RT	450	30						68780	15	0.042	0.630			
							SUB-TOTAL:					SUB-TOTAL:	140.09			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-19

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL 0107 1					MOWING 0107 2					DESIGN NOTES	CONSTRUCTION REMARKS
					AREA ID	CYCLES	AREA AC/CYCLE	AREA TOTAL (AC) P	AREA TOTAL (AC) F	AREA ID	CYCLES	AREA AC/CYCLE	AREA TOTAL (AC) P	AREA TOTAL (AC) F		
	STA. TO STA.															
1	92+20.00 TO 97+60.00	LT/RT	450	30						69533	15	1.166	17.490			
1	92+80.46 TO 97+60.00	RT	450	30						68786	15	0.357	5.355			
1	403+80.00 TO 409+60.00	LT	450	30						69044	15	0.779	11.685			
1	403+80.00 TO 405+91.01	RT	450	30						69062	15	0.267	4.005			
1	404+02.75 TO 409+60.00	LT/RT	450	30						69053	15	0.289	4.335			
1	409+60.00 TO 410+14.48	LT	450	30						69034	15	0.063	0.945			
1	409+60.00 TO 410+15.50	LT/RT	450	30						69039	15	0.028	0.420			
1	410+14.75 TO 410+73.91	LT/RT	450	30						69025	15	0.025	0.375			
1	410+46.63 TO 410+97.85	RT	450	30						100825	15	0.046	0.690			
1	410+49.47 TO 415+00.00	LT	450	30						69005	15	0.569	8.535			
1	410+71.15 TO 415+00.00	LT/RT	450	30						69011	15	0.248	3.720			
1	411+19.22 TO 413+03.98	RT	450	30						100809	15	0.270	4.050			
1	413+17.41 TO 415+00.00	RT	450	30						100785	15	0.290	4.350			
1	415+00.00 TO 417+13.90	LT	450	30						68969	15	0.313	4.695			
1	415+00.00 TO 416+84.17	LT/RT	450	30						68984	15	0.100	1.500			
1	415+00.00 TO 417+03.02	RT	450	30						68991	15	0.377	5.655			
1	416+71.50 TO 417+03.39	RT	450	30						69000	15	0.019	0.285			
1	416+81.21 TO 417+15.46	LT	450	30						68964	15	0.040	0.600			
1	417+22.40 TO 417+52.23	RT	450	30						68978	15	0.019	0.285			
1	417+23.22 TO 420+40.00	RT	450	30						68950	15	0.684	10.260			
1	417+36.71 TO 420+40.00	LT	450	30						68937	15	0.419	6.285			
1	417+38.34 TO 417+62.60	LT	450	30						68959	15	0.027	0.405			
1	417+64.57 TO 420+40.00	LT/RT	450	30						68945	15	0.161	2.415			
1	420+32.86 TO 425+80.00	RT	450	30						68920	15	1.176	17.640			
1	420+40.00 TO 425+80.00	LT	450	30						68900	15	0.829	12.435			
1	420+40.00 TO 425+80.00	LT/RT	450	30						68910	15	0.474	7.110			
1	425+80.00 TO 431+20.00	LT	450	30						68877	15	0.933	13.995			
1	425+80.00 TO 427+01.71	LT/RT	450	30						68894	15	0.081	1.215			
1	425+80.00 TO 427+00.00	RT	450	30						69399	15	0.214	3.210			
1	431+20.00 TO 436+60.00	LT	450	30						68858	15	0.708	10.620			
1	436+60.00 TO 439+74.70	LT	450	30						68834	15	0.246	3.690			
1	437+90.00 TO 442+10.91	LT	450	30						95943	15	0.365	5.475			
1	445+40.00 TO 447+74.22	LT	450	30						95946	15	0.195	2.925			
1	446+60.49 TO 449+09.24	LT	450	30						95947	15	0.213	3.195			
1	449+02.40 TO 450+85.43	LT	450	30						95950	15	0.222	3.330			
1	449+06.29 TO 454+70.39	LT	450	30						95951	15	0.196	2.940			
1	450+79.10 TO 456+20.00	LT	450	30						95954	15	1.224	18.360			
1	456+20.00 TO 461+60.00	LT	450	30						95958	15	0.922	13.830			
1	458+62.93 TO 461+60.00	LT/RT	450	30						95971	15	0.113	1.695			
1	461+60.00 TO 467+00.00	LT	450	30						69165	15	1.236	18.540			
1	461+60.00 TO 467+00.00	LT/RT	450	30						95975	15	0.501	7.515			
1	467+00.00 TO 472+40.00	LT	450	30						69189	15	0.697	10.455			
1	467+00.00 TO 472+40.00	LT/RT	450	30						95976	15	0.500	7.500			
1	472+40.00 TO 477+80.00	LT	450	30						69214	15	0.690	10.350			
1	472+40.00 TO 477+80.00	LT/RT	450	30						95979	15	0.498	7.470			
2	24+70.21 TO 27+40.00	LT	210	30						69906	7	0.182	1.274			
2	27+40.00 TO 32+29.25	LT	210	30						72817	7	0.329	2.303			
2	29+22.17 TO 32+80.00	LT/RT	210	30						69950	7	0.099	0.693			
				SUB-TOTAL:							SUB-TOTAL:		286.11			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-20

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL 0107 1					MOWING 0107 2					DESIGN NOTES	CONSTRUCTION REMARKS
					AREA ID	CYCLES	AREA AC/CYCLE	AREA TOTAL (AC) P	AREA TOTAL (AC) F	AREA ID	CYCLES	AREA AC/CYCLE	AREA TOTAL (AC) P	AREA TOTAL (AC) F		
	STA. TO STA.															
2	31+09.67 TO 32+37.36	LT	210	30						72829	7	0.180	1.260			
2	31+09.98 TO 31+36.41	LT	210	30						69965	7	0.027	0.189			
2	31+56.33 TO 31+70.15	LT	210	30						69959	7	0.019	0.133			
2	32+80.00 TO 33+70.44	LT	210	30						69993	7	0.018	0.126			
2	33+95.00 TO 35+63.11	LT	210	30						100104	7	0.227	1.589			
2	36+08.50 TO 37+64.17	LT	210	30						99785	7	0.128	0.896			
2	36+28.20 TO 38+20.00	LT	210	30						99788	7	0.269	1.883			
2	38+20.00 TO 43+60.00	LT	210	30						99808	7	0.537	3.759			
2	38+32.22 TO 38+98.95	RT	210	30						70068	7	0.008	0.056			
2	38+72.15 TO 43+60.00	LT	210	30						70043	7	0.126	0.882			
2	38+98.95 TO 40+08.88	RT	210	30						70072	7	0.006	0.042			
2	42+57.89 TO 43+60.00	RT	210	30						72491	7	0.074	0.518			
2	42+66.77 TO 45+11.99	RT	210	30						72508	7	0.388	2.716			
2	43+06.61 TO 43+60.00	LT	210	30						70139	7	0.039	0.273			
2	43+60.00 TO 45+14.78	LT	210	30						70099	7	0.035	0.245			
2	43+60.00 TO 49+00.00	LT	210	30						70104	7	0.579	4.053			
2	43+60.00 TO 47+01.65	LT	210	30						70146	7	0.090	0.630			
2	43+60.00 TO 46+03.45	RT	210	30						72497	7	0.187	1.309			
2	44+62.76 TO 45+88.93	RT	210	30						72514	7	0.259	1.813			
2	45+32.43 TO 45+54.45	RT	210	30						72520	7	0.006	0.042			
2	45+54.30 TO 46+55.72	RT	210	30						70185	7	0.165	1.155			
2	45+85.28 TO 46+17.04	RT	210	30						70179	7	0.009	0.063			
2	46+01.72 TO 46+07.94	RT	210	30						72486	7	0.001	0.007			
2	46+04.06 TO 46+28.09	RT	210	30						72479	7	0.009	0.063			
2	46+08.83 TO 46+34.42	RT	210	30						70174	7	0.008	0.056			
2	46+13.66 TO 46+47.08	LT/RT	210	30						72473	7	0.039	0.273			
2	46+24.46 TO 47+00.96	LT/RT	210	30						72524	7	0.034	0.238			
2	46+29.12 TO 46+37.29	RT	210	30						72534	7	0.002	0.014			
2	46+89.68 TO 49+00.00	LT	210	30						72564	7	0.019	0.133			
2	47+30.34 TO 49+00.00	LT	210	30						70218	7	0.038	0.266			
2	49+00.00 TO 54+40.00	LT	210	30						70252	7	0.225	1.575			
2	49+00.00 TO 54+40.00	LT	210	30						70261	7	0.342	2.394			
2	49+00.00 TO 54+40.00	LT	210	30						72570	7	0.050	0.350			
2	49+61.69 TO 52+32.99	LT	210	30						70248	7	0.031	0.217			
2	54+40.00 TO 59+80.00	LT	210	30						70273	7	0.559	3.913			
2	54+40.00 TO 56+14.97	RT	210	30						72538	7	0.159	1.113			
2	54+40.00 TO 59+80.00	LT	210	30						72576	7	0.050	0.350			
2	54+91.86 TO 57+01.51	RT	210	30						72544	7	0.175	1.225			
2	57+63.49 TO 61+32.50	RT	210	30						72548	7	0.222	1.554			
2	59+80.00 TO 65+20.00	LT	210	30						70318	7	0.542	3.794			
2	59+80.00 TO 65+20.00	LT	210	30						72600	7	0.050	0.350			
2	61+00.28 TO 61+97.03	RT	210	30						72583	7	0.082	0.574			
2	61+70.77 TO 65+20.00	RT	210	30						72589	7	0.018	0.126			
2	65+20.00 TO 70+60.00	LT	210	30						70340	7	0.198	1.386			
2	65+20.00 TO 70+60.00	LT	210	30						72607	7	0.145	1.015			
2	65+20.00 TO 68+00.00	RT	210	30						72628	7	0.027	0.189			
2	67+78.86 TO 70+60.00	LT	210	30						70345	7	0.054	0.378			
2	68+00.00 TO 68+63.57	RT	210	30						72622	7	0.007	0.049			
							SUB-TOTAL:					SUB-TOTAL:	45.23			

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-21

jcapra 3/28/2016 10:25:32 AM P:\7844-Wekiva3B\23827525201\roadway\sumqrd01.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL 0107 1					MOWING 0107 2					DESIGN NOTES	CONSTRUCTION REMARKS
					AREA ID	CYCLES	AREA AC/CYCLE	AREA TOTAL (AC) P	AREA TOTAL (AC) F	AREA ID	CYCLES	AREA AC/CYCLE	AREA TOTAL (AC) P	AREA TOTAL (AC) F		
	STA. TO STA.															
2	68+96.43 TO 70+35.26	RT	210	30						72616	7	0.017	0.119			
2	70+60.00 TO 74+97.42	LT	210	30						70357	7	0.160	1.120			
2	70+60.00 TO 71+04.21	LT	210	30						70374	7	0.005	0.035			
2	70+60.00 TO 76+00.00	LT	210	30						72633	7	0.049	0.343			
2	70+60.00 TO 71+36.03	RT	210	30						72649	7	0.010	0.070			
2	71+61.41 TO 73+65.99	RT	210	30						72641	7	0.044	0.308			
2	73+94.69 TO 76+00.00	RT	210	30						72656	7	0.043	0.301			
2	74+36.28 TO 74+89.39	LT	210	30						70364	7	0.017	0.119			
2	74+88.81 TO 75+02.04	LT	210	30						70386	7	0.023	0.161			
2	75+23.73 TO 75+37.60	LT	210	30						70395	7	0.024	0.168			
2	75+29.20 TO 76+00.00	LT	210	30						70403	7	0.040	0.280			
2	75+73.18 TO 76+00.00	LT	210	30						70409	7	0.009	0.063			
2	76+00.00 TO 80+43.18	LT	210	30						70423	7	0.085	0.595			
2	76+00.00 TO 76+48.60	RT	210	30						72691	7	0.011	0.077			
2	76+00.00 TO 81+40.00	LT	210	30						72793	7	0.366	2.562			
2	76+77.30 TO 77+93.22	RT	210	30						72696	7	0.029	0.203			
2	78+23.22 TO 79+20.47	RT	210	30						72703	7	0.020	0.140			
2	78+67.64 TO 82+31.83	LT	210	30						72775	7	0.663	4.641			
2	78+68.38 TO 79+84.48	LT	210	30						72782	7	0.913	6.391			
2	78+69.81 TO 78+69.81	LT	210	30						72666	7	0.113	0.791			
2	78+76.92 TO 79+38.34	LT	210	30						72787	7	0.086	0.602			
2	79+50.00 TO 81+40.00	RT	210	30						72710	7	0.058	0.406			
2	81+40.00 TO 86+80.00	LT	210	30						72718	7	0.149	1.043			
2	81+40.00 TO 82+63.63	RT	210	30						72726	7	0.026	0.182			
2	81+40.00 TO 86+80.00	LT	210	30						72810	7	0.431	3.017			
2	83+24.60 TO 86+80.00	RT	210	30						72734	7	0.125	0.875			
2	83+65.91 TO 85+40.60	LT	210	30						72804	7	0.288	2.016			
2	86+80.00 TO 92+20.00	LT	210	30						70485	7	0.614	4.298			
2	86+80.00 TO 92+20.00	LT	210	30						72739	7	0.149	1.043			
2	86+80.00 TO 91+00.00	RT	210	30						72752	7	0.164	1.148			
2	90+50.51 TO 92+20.00	LT	210	30						70493	7	0.271	1.897			
2	90+90.98 TO 94+73.16	LT	210	30						70499	7	1.348	9.436			
2	91+00.00 TO 92+12.84	RT	210	30						72759	7	0.053	0.371			
2	92+20.00 TO 94+74.35	LT	210	30						70506	7	0.588	4.116			
2	92+20.00 TO 94+00.00	LT	210	30						70523	7	0.050	0.350			
2	92+20.00 TO 94+00.00	LT	210	30						72746	7	0.050	0.350			
2	92+20.00 TO 92+50.15	RT	210	30						72762	7	0.022	0.154			
2	92+91.16 TO 93+26.15	RT	210	30						72769	7	0.023	0.161			
2	403+80.58 TO 409+60.00	RT	210	30						70555	7	0.780	5.460			
2	403+87.37 TO 409+60.00	LT	210	30						70538	7	0.757	5.299			
2	404+02.75 TO 409+60.00	LT/RT	210	30						70546	7	0.289	2.023			
2	409+60.00 TO 410+14.48	LT	210	30						70564	7	0.063	0.441			
2	409+60.00 TO 410+15.50	LT/RT	210	30						70569	7	0.028	0.196			
2	409+60.00 TO 415+00.00	RT	210	30						70582	7	0.876	6.132			
2	410+14.75 TO 410+73.91	LT/RT	210	30						70573	7	0.025	0.175			
2	410+49.47 TO 415+00.00	LT	210	30						70596	7	0.569	3.983			
2	410+71.15 TO 415+00.00	LT/RT	210	30						70591	7	0.248	1.736			
2	415+00.00 TO 417+13.90	LT	210	30						70602	7	0.313	2.191			
							SUB-TOTAL:					SUB-TOTAL:	77.59			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-22

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL 0107 1					MOWING 0107 2					DESIGN NOTES	CONSTRUCTION REMARKS
					AREA ID	CYCLES	AREA AC/CYCLE	AREA TOTAL (AC) P	AREA TOTAL (AC) F	AREA ID	CYCLES	AREA AC/CYCLE	AREA TOTAL (AC) P	AREA TOTAL (AC) F		
	STA. TO STA.															
2	415+00.00 TO 416+84.17	LT/RT	210	30						70611	7	0.100	0.700			
2	415+00.00 TO 417+01.00	RT	210	30						70618	7	0.372	2.604			
2	417+23.22 TO 420+40.00	RT	210	30						70640	7	0.694	4.858			
2	417+36.71 TO 417+61.24	LT	210	30						100827	7	0.030	0.210			
2	417+64.57 TO 420+40.00	LT/RT	210	30						70635	7	0.161	1.127			
2	420+40.00 TO 425+80.00	RT	210	30						70649	7	1.161	8.127			
2	420+40.00 TO 425+80.00	LT/RT	210	30						70664	7	0.472	3.304			
2	421+45.55 TO 425+80.00	LT	210	30						70675	7	0.692	4.844			
2	425+80.00 TO 429+95.35	LT/RT	210	30						70694	7	0.182	1.274			
2	425+80.00 TO 431+20.00	LT	210	30						72454	7	0.762	5.334			
2	427+00.00 TO 431+20.00	LT/RT	210	30						72463	7	0.119	0.833			
2	431+20.00 TO 436+60.00	LT	210	30						72433	7	0.625	4.375			
2	431+20.00 TO 436+60.00	LT/RT	210	30						72442	7	0.222	1.554			
2	436+60.00 TO 439+68.54	LT	210	30						72428	7	0.211	1.477			
2	436+60.00 TO 441+99.96	LT/RT	210	30						72449	7	0.212	1.484			
2	437+90.00 TO 442+10.91	LT	210	30						72422	7	0.366	2.562			
2	444+36.59 TO 448+99.79	RT	210	30						99796	7	1.467	10.269			
2	445+40.00 TO 450+80.00	LT/RT	210	30						72864	7	0.223	1.561			
2	445+40.00 TO 446+98.06	RT	210	30						99791	7	0.179	1.253			
2	445+72.08 TO 447+74.22	LT	210	30						72859	7	0.125	0.875			
2	446+74.23 TO 449+09.24	LT	210	30						72852	7	0.111	0.777			
2	448+99.77 TO 450+80.00	RT	210	30						70804	7	0.378	2.646			
2	448+99.79 TO 449+56.94	RT	210	30						70811	7	0.010	0.070			
2	449+06.29 TO 454+70.39	LT	210	30						70774	7	0.196	1.372			
2	450+80.00 TO 456+20.00	RT	210	30						70815	7	0.777	5.439			
2	450+80.00 TO 456+20.00	LT	210	30						72877	7	0.408	2.856			
2	450+80.00 TO 456+20.00	LT/RT	210	30						72885	7	0.223	1.561			
2	456+20.00 TO 461+60.00	RT	210	30						70842	7	1.261	8.827			
2	456+20.00 TO 461+60.00	LT	210	30						72891	7	0.431	3.017			
2	456+20.00 TO 461+60.00	LT/RT	210	30						72903	7	0.223	1.561			
2	461+60.00 TO 467+00.00	LT	210	30						72911	7	0.719	5.033			
2	461+60.00 TO 467+00.00	LT/RT	210	30						72918	7	0.229	1.603			
2	461+60.00 TO 467+00.00	RT	210	30						72974	7	0.863	6.041			
2	462+74.04 TO 464+39.89	RT	210	30						72963	7	1.078	7.546			
2	463+54.01 TO 464+43.66	RT	210	30						72968	7	0.252	1.764			
2	463+58.21 TO 464+43.87	RT	210	30						72981	7	0.014	0.098			
2	467+00.00 TO 472+40.00	LT	210	30						72923	7	0.250	1.750			
2	467+00.00 TO 472+40.00	LT/RT	210	30						72931	7	0.206	1.442			
2	467+00.00 TO 472+40.00	RT	210	30						72954	7	0.476	3.332			
2	472+40.00 TO 477+50.00	RT	210	30						70909	7	0.496	3.472			
2	472+40.00 TO 477+50.00	LT	210	30						72938	7	0.294	2.058			
2	472+40.00 TO 477+50.00	LT/RT	210	30						72944	7	0.177	1.239			
				SUB-TOTAL:							SUB-TOTAL:		122.13			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-23

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL 0107 1					MOWING 0107 2					DESIGN NOTES	CONSTRUCTION REMARKS
					AREA ID	CYCLES	AREA AC/CYCLE	AREA TOTAL (AC) P	AREA TOTAL (AC) F	AREA ID	CYCLES	AREA AC/CYCLE	AREA TOTAL (AC) P	AREA TOTAL (AC) F		
	STA. TO STA.															
3	24+70.00 TO 24+96.91	LT	120	30						100426	4	0.026	0.104			
3	24+70.00 TO 27+40.00	RT	120	30						100420	4	0.142	0.568			
3	25+15.33 TO 27+40.00	LT	120	30						100432	4	0.099	0.396			
3	27+40.00 TO 28+14.48	LT	120	30						73252	4	0.049	0.196			
3	27+40.00 TO 27+48.01	RT	120	30						100416	4	0.002	0.008			
3	27+75.59 TO 32+80.00	RT	120	30						100648	4	0.434	1.736			
3	28+33.98 TO 32+80.00	LT	120	30						100661	4	0.299	1.196			
3	31+09.67 TO 32+37.36	LT	120	30						73290	4	0.189	0.756			
3	31+09.98 TO 31+36.41	LT	120	30						73302	4	0.027	0.108			
3	31+56.33 TO 31+70.15	LT	120	30						73310	4	0.019	0.076			
3	32+80.00 TO 35+00.28	RT	120	30						100636	4	0.595	2.380			
3	32+80.00 TO 34+93.83	LT	120	30						100666	4	0.533	2.132			
3	35+98.57 TO 37+64.17	LT	120	30						100410	4	0.135	0.540			
3	36+17.80 TO 38+20.00	RT	120	30						100402	4	0.489	1.956			
3	36+30.96 TO 38+20.00	LT	120	30						100599	4	0.300	1.200			
3	37+80.16 TO 45+11.99	RT	120	30						73459	4	3.577	14.308			
3	38+13.15 TO 43+60.00	RT	120	30						100391	4	0.136	0.544			
3	38+19.45 TO 43+60.00	RT	120	30						100370	4	0.797	3.188			
3	38+20.00 TO 38+88.07	LT	120	30						99923	4	0.026	0.104			
3	38+32.22 TO 38+98.95	RT	120	30						73441	4	0.008	0.032			
3	38+41.50 TO 43+60.00	LT/RT	120	30						100376	4	0.206	0.824			
3	38+88.07 TO 43+60.00	LT	120	30						100381	4	0.486	1.944			
3	38+98.95 TO 40+08.88	RT	120	30						73445	4	0.006	0.024			
3	40+08.94 TO 43+60.00	RT	120	30						73455	4	0.142	0.568			
3	43+60.00 TO 46+34.42	RT	120	30						73531	4	0.227	0.908			
3	43+60.00 TO 46+99.66	LT	120	30						100340	4	0.075	0.300			
3	43+60.00 TO 44+70.57	LT/RT	120	30						100345	4	0.039	0.156			
3	43+60.00 TO 46+72.34	RT	120	30						100362	4	0.331	1.324			
3	44+62.76 TO 46+17.04	RT	120	30						73536	4	0.305	1.220			
3	45+32.43 TO 46+20.97	RT	120	30						73561	4	0.085	0.340			
3	45+64.98 TO 46+55.72	RT	120	30						73569	4	0.045	0.180			
3	46+04.75 TO 46+34.68	RT	120	30						100350	4	0.015	0.060			
3	46+39.61 TO 46+83.50	RT	120	30						73577	4	0.027	0.108			
3	46+55.98 TO 47+42.23	RT	120	30						73636	4	0.089	0.356			
3	46+62.50 TO 49+00.00	RT	120	30						100326	4	0.215	0.860			
3	46+83.50 TO 49+00.00	RT	120	30						73640	4	0.208	0.832			
3	46+91.91 TO 53+65.70	RT	120	30						73655	4	2.996	11.984			
3	47+32.91 TO 49+00.00	LT	120	30						100334	4	0.030	0.120			
3	49+00.00 TO 54+40.00	LT	120	30						73595	4	0.342	1.368			
3	49+00.00 TO 54+40.00	LT	120	30						73602	4	0.200	0.800			
3	49+00.00 TO 54+40.00	RT	120	30						73646	4	0.595	2.380			
3	49+00.00 TO 54+40.00	RT	120	30						100311	4	0.243	0.972			
3	49+00.00 TO 54+40.00	RT	120	30						100318	4	0.193	0.772			
3	49+48.52 TO 52+68.57	LT/RT	120	30						100152	4	0.118	0.472			
3	53+77.76 TO 61+32.50	RT	120	30						73662	4	5.821	23.284			
3	54+40.00 TO 55+27.19	LT	120	30						73670	4	0.051	0.204			
3	54+40.00 TO 59+80.00	LT	120	30						73675	4	0.532	2.128			
3	54+40.00 TO 59+80.00	RT	120	30						73694	4	0.942	3.768			
							SUB-TOTAL:					SUB-TOTAL:	89.78			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-24

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL 0107 1					MOWING 0107 2					DESIGN NOTES	CONSTRUCTION REMARKS
					AREA ID	CYCLES	AREA AC/CYCLE	AREA TOTAL (AC) P	AREA TOTAL (AC) F	AREA ID	CYCLES	AREA AC/CYCLE	AREA TOTAL (AC) P	AREA TOTAL (AC) F		
	STA. TO STA.															
3	54+40.00 TO 55+82.73	RT	120	30						100293	4	0.024	0.096			
3	54+40.00 TO 59+80.00	RT	120	30						100302	4	0.257	1.028			
3	54+86.02 TO 59+80.00	LT/RT	120	30						100289	4	0.194	0.776			
3	59+80.00 TO 61+97.03	RT	120	30						73720	4	0.425	1.700			
3	59+80.00 TO 65+20.00	LT	120	30						100269	4	0.528	2.112			
3	59+80.00 TO 65+20.00	LT/RT	120	30						100274	4	0.217	0.868			
3	59+80.00 TO 65+20.00	RT	120	30						100284	4	0.236	0.944			
3	65+20.00 TO 70+60.00	LT	120	30						100260	4	0.173	0.692			
3	65+20.00 TO 70+60.00	LT/RT	120	30						100261	4	0.217	0.868			
3	65+20.00 TO 70+60.00	RT	120	30						100262	4	0.267	1.068			
3	70+60.00 TO 74+95.29	LT	120	30						100232	4	0.139	0.556			
3	70+60.00 TO 76+00.00	RT	120	30						100239	4	0.319	1.276			
3	70+60.00 TO 72+62.86	LT/RT	120	30						100244	4	0.076	0.304			
3	74+36.28 TO 74+89.39	LT	120	30						73778	4	0.017	0.068			
3	74+88.81 TO 75+00.13	LT	120	30						100225	4	0.019	0.076			
3	75+25.61 TO 75+37.60	LT	120	30						100218	4	0.020	0.080			
3	75+31.37 TO 76+00.00	LT	120	30						100211	4	0.037	0.148			
3	76+00.00 TO 81+40.00	LT	120	30						100202	4	0.384	1.536			
3	76+00.00 TO 81+40.00	RT	120	30						100207	4	0.355	1.420			
3	77+63.39 TO 81+40.00	LT/RT	120	30						100127	4	0.146	0.584			
3	78+67.64 TO 82+31.83	LT	120	30						73847	4	4.209	16.836			
3	78+76.92 TO 81+40.00	LT	120	30						73857	4	0.518	2.072			
3	80+79.44 TO 85+40.60	LT	120	30						73865	4	2.904	11.616			
3	81+40.00 TO 84+86.98	LT	120	30						73873	4	0.694	2.776			
3	81+40.00 TO 86+80.00	LT	120	30						73878	4	0.458	1.832			
3	81+40.00 TO 82+99.43	LT/RT	120	30						100158	4	0.060	0.240			
3	81+40.00 TO 82+47.77	RT	120	30						100195	4	0.068	0.272			
3	83+12.62 TO 86+80.00	RT	120	30						100166	4	0.255	1.020			
3	86+26.88 TO 86+80.00	LT/RT	120	30						100120	4	0.016	0.064			
3	86+80.00 TO 92+20.00	LT/RT	120	30						100119	4	0.217	0.868			
3	86+80.00 TO 92+20.00	LT	120	30						100170	4	0.588	2.352			
3	86+80.00 TO 92+20.00	RT	120	30						100190	4	0.449	1.796			
3	90+50.51 TO 92+20.00	LT	120	30						73910	4	0.271	1.084			
3	90+90.98 TO 94+73.16	LT	120	30						73903	4	1.348	5.392			
3	92+20.00 TO 94+74.35	LT	120	30						73917	4	0.588	2.352			
3	92+20.00 TO 94+00.00	LT/RT	120	30						100118	4	0.072	0.288			
3	92+20.00 TO 94+00.00	LT	120	30						100169	4	0.041	0.164			
3	92+20.00 TO 92+60.63	RT	120	30						100185	4	0.059	0.236			
3	92+80.85 TO 94+00.00	RT	120	30						100178	4	0.125	0.500			
3	403+80.58 TO 409+60.00	RT	120	30						74421	4	0.617	2.468			
3	403+87.37 TO 409+60.00	LT	120	30						74447	4	0.757	3.028			
3	404+02.75 TO 409+60.00	LT/RT	120	30						74438	4	0.289	1.156			
3	409+60.00 TO 415+00.00	RT	120	30						74400	4	0.860	3.440			
3	409+60.00 TO 410+15.50	LT/RT	120	30						74411	4	0.028	0.112			
3	409+60.00 TO 410+14.48	LT	120	30						74416	4	0.063	0.252			
3	410+14.75 TO 410+73.91	LT/RT	120	30						74391	4	0.025	0.100			
3	410+49.47 TO 415+00.00	LT	120	30						74384	4	0.569	2.276			
3	410+71.15 TO 415+00.00	LT/RT	120	30						74379	4	0.248	0.992			
							SUB-TOTAL:					SUB-TOTAL:	81.78			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-25

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL 0107 1					MOWING 0107 2					DESIGN NOTES	CONSTRUCTION REMARKS
					AREA ID	CYCLES	AREA AC/CYCLE	AREA TOTAL (AC) P	AREA TOTAL (AC) F	AREA ID	CYCLES	AREA AC/CYCLE	AREA TOTAL (AC) P	AREA TOTAL (AC) F		
	STA. TO STA.															
3	415+00.00 TO 417+02.37	LT	120	30						74335	4	0.287	1.148			
3	415+00.00 TO 416+84.17	LT/RT	120	30						74343	4	0.100	0.400			
3	415+00.00 TO 417+01.00	RT	120	30						74350	4	0.372	1.488			
3	416+71.50 TO 416+98.34	RT	120	30						74359	4	0.016	0.064			
3	416+81.21 TO 417+03.95	LT	120	30						74330	4	0.026	0.104			
3	417+22.40 TO 417+52.23	RT	120	30						74364	4	0.019	0.076			
3	417+23.22 TO 420+40.00	RT	120	30						74370	4	0.694	2.776			
3	417+36.71 TO 420+40.00	LT	120	30						74315	4	0.388	1.552			
3	417+38.34 TO 417+62.60	LT	120	30						74325	4	0.027	0.108			
3	417+64.57 TO 420+40.00	LT/RT	120	30						74310	4	0.161	0.644			
3	420+40.00 TO 425+80.00	RT	120	30						74283	4	1.165	4.660			
3	420+40.00 TO 425+80.00	LT	120	30						74298	4	0.818	3.272			
3	420+40.00 TO 424+57.68	LT/RT	120	30						75978	4	0.361	1.444			
3	425+80.00 TO 431+20.00	RT	120	30						74261	4	0.790	3.160			
3	425+80.00 TO 431+20.00	LT	120	30						74253	4	0.853	3.412			
3	431+20.00 TO 436+60.00	LT	120	30						74234	4	0.818	3.272			
3	431+20.00 TO 436+60.00	RT	120	30						74241	4	0.770	3.080			
3	436+60.00 TO 442+00.00	LT	120	30						74204	4	1.340	5.360			
3	436+60.00 TO 442+00.00	RT	120	30						100094	4	1.354	5.416			
3	437+73.49 TO 441+95.95	RT	120	30						74224	4	0.493	1.972			
3	437+90.00 TO 442+10.91	LT	120	30						74198	4	0.514	2.056			
3	444+36.59 TO 448+99.79	RT	120	30						100610	4	1.464	5.856			
3	444+94.63 TO 449+09.24	LT	120	30						100680	4	0.142	0.568			
3	445+23.80 TO 448+99.76	LT	120	30						100692	4	0.243	0.972			
3	445+37.97 TO 446+94.33	RT	120	30						100605	4	0.130	0.520			
3	445+40.00 TO 447+74.22	LT	120	30						74192	4	0.262	1.048			
3	445+40.00 TO 450+80.00	LT	120	30						74455	4	0.638	2.552			
3	445+40.00 TO 445+54.95	RT	120	30						100408	4	0.001	0.004			
3	448+99.52 TO 450+80.00	RT	120	30						74145	4	0.410	1.640			
3	448+99.79 TO 449+56.94	RT	120	30						74151	4	0.010	0.040			
3	449+05.82 TO 450+85.43	LT	120	30						100672	4	0.079	0.316			
3	449+06.29 TO 454+70.39	LT	120	30						74119	4	0.196	0.784			
3	450+78.08 TO 455+63.02	LT	120	30						74125	4	0.342	1.368			
3	450+80.00 TO 456+20.00	RT	120	30						74095	4	0.872	3.488			
3	450+80.00 TO 456+20.00	LT	120	30						74109	4	0.610	2.440			
3	456+20.00 TO 461+60.00	LT	120	30						74071	4	0.655	2.620			
3	456+20.00 TO 461+60.00	RT	120	30						74087	4	1.208	4.832			
3	461+60.00 TO 467+00.00	LT	120	30						74053	4	1.045	4.180			
3	461+60.00 TO 463+76.08	RT	120	30						100620	4	0.450	1.800			
3	463+54.01 TO 465+02.21	RT	120	30						74034	4	0.646	2.584			
3	464+10.74 TO 467+00.00	RT	120	30						74026	4	0.132	0.528			
3	464+10.99 TO 467+00.00	RT	120	30						100627	4	0.599	2.396			
3	464+30.79 TO 468+39.18	RT	120	30						74019	4	3.232	12.928			
3	467+00.00 TO 472+40.00	RT	120	30						73997	4	0.527	2.108			
3	467+00.00 TO 472+40.00	LT	120	30						74005	4	0.502	2.008			
3	467+00.00 TO 468+41.57	RT	120	30						74013	4	0.202	0.808			
3	472+40.00 TO 477+50.00	RT	120	30						73985	4	0.469	1.876			
3	472+40.00 TO 477+50.00	LT	120	30						73980	4	0.474	1.896			
							SUB-TOTAL:					SUB-TOTAL:	107.62			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-26

SUMMARY OF REMOVAL ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION	SIDE	AREA ID	UNITS	SECONDARY UNITS	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.				AREA	P	F	P	F		
0110 1 1	CLEARING & GRUBBING	24+70.00 TO 27+40.00	RT	83254	LS	AC	0.083		1.0			
		24+70.00 TO 27+40.00	LT	83230	LS	AC	0.165					
		27+40.00 TO 32+80.00	LT/RT	83270	LS	AC	1.341					
		31+14.89 TO 31+70.00	LT	83343	LS	AC	0.061					
		32+80.00 TO 38+50.00	LT/RT	100570	LS	AC	4.073					
		37+32.06 TO 42+30.32	RT	83400	LS	AC	2.863					
		38+13.15 TO 43+60.00	LT/RT	84086	LS	AC	3.314					
		38+49.99 TO 39+08.96	LT	100571	LS	AC	0.028					
		43+14.05 TO 45+11.99	RT	84112	LS	AC	0.314					
		43+60.00 TO 49+00.00	LT/RT	84138	LS	AC	3.436					
		44+62.90 TO 47+42.23	RT	84120	LS	AC	0.632					
		46+92.32 TO 53+35.44	RT	84158	LS	AC	2.821					
		49+00.00 TO 54+40.00	LT/RT	84168	LS	AC	3.185					
		54+30.45 TO 61+01.18	RT	84238	LS	AC	4.470					
		54+40.00 TO 59+80.00	LT/RT	84188	LS	AC	2.397					
		56+18.13 TO 59+80.00	RT	84214	LS	AC	0.669					
		59+80.00 TO 61+74.98	RT	84230	LS	AC	0.303					
		59+80.00 TO 65+20.00	LT/RT	84267	LS	AC	2.006					
		65+20.00 TO 70+60.00	LT/RT	84296	LS	AC	1.637					
		70+60.00 TO 76+00.00	LT/RT	84324	LS	AC	1.778					
		76+00.00 TO 81+40.00	LT/RT	84365	LS	AC	2.230					
		78+85.18 TO 82+13.44	LT	84405	LS	AC	2.946					
		80+79.54 TO 85+39.10	LT	84440	LS	AC	2.810					
		81+40.00 TO 86+80.00	LT/RT	84461	LS	AC	2.634					
		86+80.00 TO 92+20.00	LT/RT	84484	LS	AC	2.122					
		91+42.00 TO 92+20.00	LT	84521	LS	AC	0.150					
		91+42.00 TO 94+53.57	LT	84529	LS	AC	1.035					
		92+20.00 TO 94+47.37	LT	84512	LS	AC	0.455					
		92+20.00 TO 94+00.00	LT/RT	84546	LS	AC	0.688					
		405+50.00 TO 409+60.00	RT	83682	LS	AC	0.172					
		409+60.00 TO 410+14.18	RT	83674	LS	AC	0.016					
		417+36.71 TO 420+40.00	LT	83612	LS	AC	0.177					
		420+40.00 TO 421+48.22	LT	83601	LS	AC	0.039					
		425+80.00 TO 431+20.00	LT/RT	83447	LS	AC	1.805					
		431+20.00 TO 436+60.00	LT/RT	83419	LS	AC	2.662					
		436+60.00 TO 442+00.00	LT/RT	83389	LS	AC	3.936					
		439+08.02 TO 442+00.00	LT	83384	LS	AC	0.273					
		444+94.63 TO 449+08.51	LT	83716	LS	AC	0.878					
		445+30.74 TO 449+00.00	RT	100566	LS	AC	0.476					
		445+40.00 TO 447+02.25	LT	83374	LS	AC	0.117					
		445+40.00 TO 450+85.43	LT/RT	83742	LS	AC	2.821					
		449+06.29 TO 454+32.10	LT	83756	LS	AC	0.104					
		450+78.08 TO 456+20.00	LT/RT	83771	LS	AC	3.398					
		456+20.00 TO 461+60.00	LT/RT	83794	LS	AC	2.865					
		461+60.00 TO 467+00.00	RT	83832	LS	AC	1.446					
		461+60.00 TO 467+00.00	LT	83851	LS	AC	1.064					
		461+60.00 TO 467+00.00	LT/RT	83873	LS	AC	0.470					
		463+55.68 TO 464+28.90	RT	83886	LS	AC	0.176					
		464+38.04 TO 465+02.21	RT	83905	LS	AC	0.404					
		464+58.12 TO 468+26.70	RT	83914	LS	AC	2.850					
		467+00.00 TO 472+40.00	RT	83943	LS	AC	0.853					

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-27

SUMMARY OF REMOVAL ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION	SIDE	AREA ID	UNITS	SECONDARY UNITS	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.				AREA	P	F	P	F		
0110 1 1	CLEARING & GRUBBING (CONT'D)	467+00.00 TO 472+40.00	LT/RT	83974	LS	AC	0.362					
		467+00.00 TO 472+40.00	LT	83991	LS	AC	0.630					
		472+40.00 TO 477+50.00	LT	84015	LS	AC	0.611					
		472+40.00 TO 477+50.00	LT/RT	84040	LS	AC	0.471					
		472+40.00 TO 477+50.00	RT	84065	LS	AC	0.595					
0110 4	REMOVAL OF EXISTING CONCRETE PAVEMENT	42+59.49 TO 43+60.00	RT	87935	SY	N/A	206.6		10262			
		43+60.00 TO 49+00.00	RT	87941	SY	N/A	1105.8					
		49+00.00 TO 54+40.00	RT	87951	SY	N/A	1080.0					
		54+40.00 TO 59+80.00	RT	87961	SY	N/A	1080.0					
		59+80.00 TO 65+20.00	RT	87967	SY	N/A	1070.5					
		65+20.00 TO 70+60.00	RT	88002	SY	N/A	1063.5					
		70+60.00 TO 76+00.00	RT	88025	SY	N/A	1059.8					
		76+00.00 TO 81+40.00	RT	88041	SY	N/A	1075.6					
		81+40.00 TO 86+80.00	RT	88051	SY	N/A	1080.0					
		86+80.00 TO 92+20.00	RT	88064	SY	N/A	1080.0					
		92+20.00 TO 94+00.00	RT	88057	SY	N/A	360.0					

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-28

SUMMARY OF EARTHWORK

PAY ITEM NO.	PAY ITEM DESCRIPTION	CY		DESIGN NOTES	CONSTRUCTION REMARKS
		P	F		
	REGULAR EXCAVATION, SR 46	28550			
	REGULAR EXCAVATION, SR 500	162768			
	REGULAR EXCAVATION, RAMP XX	60965			
	REGULAR EXCAVATION, GROVELAND ROAD	39			
	REGULAR EXCAVATION, PINECREST ROAD	89			
	REGULAR EXCAVATION, STANLEY BELL DRIVE	251			
	REGULAR EXCAVATION, POND ROAD	15			
	REGULAR EXCAVATION, VERANDA WAY	343			
	REGULAR EXCAVATION, SABASTIAN STREET	151			
	REGULAR EXCAVATION, VISTA VIEW	57			
	REGULAR EXCAVATION, NATOMA BOULEVARD	26			
	REGULAR EXCAVATION, WB441-1-1	7054			
	REGULAR EXCAVATION, WB441-1-2	34473			
	REGULAR EXCAVATION, WB441-1-3	41585			
	REGULAR EXCAVATION, WB441-1-4	62405			
	REGULAR EXCAVATION, WB1-1	5657			
	REGULAR EXCAVATION, WB1-2	57472			
	REGULAR EXCAVATION, WB2A	49015			
	REGULAR EXCAVATION, WB2B	196			
	REGULAR EXCAVATION, WB441-2	14355			
	REGULAR EXCAVATION, WB-A	2787			
0120 1	REGULAR EXCAVATION, TOTAL	528253			
	SUBSOIL EXCAVATION, SR 46	37468			
	SUBSOIL EXCAVATION, SR 500	0			
	SUBSOIL EXCAVATION, RAMP XX	6361			
	SUBSOIL EXCAVATION, GROVELAND ROAD	0			
	SUBSOIL EXCAVATION, PINECREST ROAD	0			
	SUBSOIL EXCAVATION, STANLEY BELL DRIVE	0			
	SUBSOIL EXCAVATION, POND ROAD	0			
	SUBSOIL EXCAVATION, VERANDA WAY	0			
	SUBSOIL EXCAVATION, SABASTIAN STREET	0			
	SUBSOIL EXCAVATION, VISTA VIEW	0			
	SUBSOIL EXCAVATION, NATOMA BOULEVARD	0			
	SUBSOIL EXCAVATION, WB441-1-1	0			
	SUBSOIL EXCAVATION, WB441-1-2	0			
	SUBSOIL EXCAVATION, WB441-1-3	0			
	SUBSOIL EXCAVATION, WB441-1-4	0			
	SUBSOIL EXCAVATION, WB1-1	15281			
	SUBSOIL EXCAVATION, WB1-2	0			
	SUBSOIL EXCAVATION, WB2A	0			
	SUBSOIL EXCAVATION, WB2B	0			
	SUBSOIL EXCAVATION, WB441-2	0			
	SUBSOIL EXCAVATION, WB-A	0			
0120 4	SUBSOIL EXCAVATION, TOTAL	59110			
	EMBANKMENT, SR 46	133112			
	EMBANKMENT, SR 500	23213			
	EMBANKMENT, RAMP XX	84024			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-29

SUMMARY OF EARTHWORK

PAY ITEM NO.	PAY ITEM DESCRIPTION	CY		DESIGN NOTES	CONSTRUCTION REMARKS
		P	F		
	EMBANKMENT, GROVELAND ROAD	4			
	EMBANKMENT, PINECREST ROAD	9			
	EMBANKMENT, STANLEY BELL DRIVE	574			
	EMBANKMENT, POND ROAD	2207			
	EMBANKMENT, VERANDA WAY	21			
	EMBANKMENT, SABASTIAN STREET	0			
	EMBANKMENT, VISTA VIEW	23			
	EMBANKMENT, NATOMA BOULEVARD	512			
	EMBANKMENT, WB441-1-1	179			
	EMBANKMENT, WB441-1-2	12			
	EMBANKMENT, WB441-1-3	156			
	EMBANKMENT, WB441-1-4	2101			
	EMBANKMENT, WB1-1	25492			
	EMBANKMENT, WB1-2	183			
	EMBANKMENT, WB2A	1616			
	EMBANKMENT, WB2B	24805			
	EMBANKMENT, WB441-2	8249			
	EMBANKMENT, WB-A	1310			
0120 6	EMBANKMENT, TOTAL	307802			

SUMMARY OF TURNOUT CONSTRUCTION

LOCATION	SIDE	AREA ID	0286 1		DESIGN NOTES	CONSTRUCTION REMARKS
STA. TO STA.			SY			
			P	F		
24+76.32 to 25+18.32	RT	16076	39.5			
26+01.45 to 26+43.45	RT	16053	34.8			
46+24.06 to 46+50.49	RT	16054	35.5		POND RD.	
67+63.24 to 68+72.68	RT	133902	140.8			
82+20.25 to 83+40.27	RT	102964	269.1			
406+77.27 to 407+20.78	RT	102950	79.0			
		SUB-TOTAL:	598.7			
		TOTAL:	599			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-30

SUMMARY OF PAVEMENT

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	DESCRIPTION				P	F	P	F		
0160 4	TYPE B STABILIZATION	6+45.00 to 8+31.28		LT/RT	107464	SY	505.1		104600			
		24+70.00 to 25+44.21		LT	107330		239.8					
		25+44.21 to 27+40.00		LT	107395		50.8					
		25+47.28 to 27+40.00		RT	107522		84.2					
		27+23.96 to 27+40.00		RT	107536		7.2					
		27+40.00 to 27+87.48		LT	107390		12.3					
		27+40.00 to 27+99.61		RT	107511		118.9					
		27+40.00 to 32+80.00		LT/RT	107082		1865.0					
		27+87.40 to 28+62.96		LT	107317		374.7					
		28+66.88 to 31+87.72		LT/RT	107378		172.7					
		31+28.17 to 31+79.02		LT	107497		757.3					
		31+28.41 to 31+61.71		LT	107506		59.3					
		31+71.53 to 32+95.00		LT/RT	107558		504.8					
		32+80.00 to 38+20.00		LT/RT	107724		9652.5					
		37+73.30 to 38+19.26		RT	107492		197.9					
		38+14.22 to 43+60.00		RT	107482		2671.0					
		38+20.00 to 43+60.08		LT/RT	107756		5404.4					
		43+60.00 to 46+09.33		RT	107477		1177.5					
		43+60.00 to 49+00.00		LT/RT	107773		5745.4					
		46+34.35 to 47+28.81		RT	107800		444.8					
		46+66.14 to 47+55.63		LT	107342		405.9					
		47+13.31 to 49+00.00		RT	107652		252.5					
		47+60.64 to 49+00.00		RT	107459		619.4					
		49+00.00 to 54+40.00		LT/RT	107205		2285.2					
		49+00.00 to 54+40.00		RT	107403		640.2					
		49+00.00 to 54+40.00		RT	107450		2425.1					
		49+00.01 to 54+40.00		LT/RT	107194		3046.7					
		54+40.00 to 58+03.86		RT	132512		432.3					
		54+40.00 to 59+80.00		LT/RT	107216		6637.9					
		58+15.20 to 59+80.00		RT	132532		195.4					
		59+80.00 to 60+78.58		RT	132576		105.9					
		59+80.00 to 65+20.00		RT	107243		2692.5					
		59+80.00 to 65+20.00		LT	107236		2714.7					
		65+20.00 to 70+60.00		RT	107255		2666.0					
		65+20.00 to 70+60.00		LT	107250		2724.0					
		70+60.00 to 76+00.00		LT/RT	107261		6045.9					
		74+53.39 to 75+73.18		LT	107412		444.3					
		76+00.00 to 81+40.00		LT/RT	107272		5721.3					
		81+40.00 to 86+80.00		LT/RT	107284		6049.2					
		82+20.25 to 83+40.27		RT	107910		262.0					
		86+80.00 to 92+20.00		LT	107439		2695.0					
		86+80.00 to 92+20.00		RT	107444		2695.0					
		92+09.67 to 93+62.32		RT	107365		427.0					
		92+20.00 to 94+00.00		RT	107431		898.3					
		92+20.00 to 94+00.00		LT	107425		898.3					
		212+72.03 to 213+32.03		LT/RT	107542		282.5					
		213+32.03 to 216+15.64		LT/RT	107113		1337.6					
		405+90.98 to 409+60.00		RT	107614		553.4					
		409+60.00 to 410+07.47		RT	107606		51.0					
		417+63.20 to 420+40.00		LT	107571		327.3					

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-31

SUMMARY OF PAVEMENT

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	DESCRIPTION				P	F	P	F		
0160 4	TYPE B STABILIZATION (CONT'D)	420+40.00 to 421+45.55		LT	107563	SY	123.2					
		427+00.00 to 431+20.00		LT/RT	107178		4366.6					
		431+20.00 to 436+60.00		LT/RT	107714		6651.0					
		436+60.00 to 442+00.00		LT/RT	107704		6881.8					
285701	OPTIONAL BASE, BASE GROUP 01	206+64.93 to 210+92.03		LT/RT	115055	SY	446.3		5278			
		207+24.44 to 210+92.03		LT	115048		245.5					
		210+92.03 to 212+32.06		LT	115064		93.7					
		210+92.03 to 212+72.03		LT/RT	115069		199.9					
		212+32.06 to 212+72.03		LT	115074		4.5					
		212+72.03 to 213+32.03		LT/RT	115089		66.6					
		212+72.03 to 216+15.64		LT	115081		133.1					
		213+11.99 to 216+72.03		RT	115165		417.8					
		213+32.03 to 216+15.64		LT/RT	115094		158.1					
		216+72.03 to 217+60.93		LT/RT	115162		101.2					
		221+51.42 to 221+92.02		LT/RT	115038		22.7					
		221+51.42 to 221+92.03		LT	115043		25.6					
		221+92.02 to 227+79.71		LT/RT	115029		327.0					
		221+92.03 to 227+81.30		LT	115019		142.1					
		227+79.40 to 230+47.08		LT/RT	115014		149.0					
		227+81.24 to 230+46.75		LT	115009		29.2					
		231+58.03 to 233+44.39		LT/RT	115142		236.7					
		232+05.03 to 233+44.39		LT	115119		15.5					
		232+05.03 to 239+32.03		LT/RT	114953		404.0					
		233+44.39 to 237+92.03		LT	115112		49.6					
		233+44.39 to 238+83.75		RT	114989		600.2					
		237+92.03 to 238+86.25		LT	115107		62.4					
		238+83.19 to 242+47.95		RT	132759		405.3					
		238+85.91 to 240+30.21		LT	115102		95.6					
		239+32.03 to 240+85.30		LT/RT	132749		129.6					
		242+59.99 to 244+25.35		RT	132774		183.2					
		244+25.04 to 244+66.26		RT	132782		56.3					
		245+44.24 to 246+00.34		RT	115149		38.6					
		405+90.98 to 409+60.00		RT	115150		205.7					
		409+60.00 to 410+08.28		RT	115137		24.7					
		417+63.65 to 420+40.00		LT	115124		149.6					
		420+40.00 to 421+45.55		LT	115129		59.0					
285703	OPTIONAL BASE, BASE GROUP 03	24+70.21 to 25+44.21		LT	29314	SY	217.0		3056			
		28+13.13 to 28+37.15		LT	20589		209.7					
		31+30.50 to 31+78.50		LT	20656		684.2					
		31+30.75 to 31+59.38		LT	20662		51.0					
		45+53.19 to 46+60.52		RT	20672		466.8					
		46+36.67 to 46+93.99		RT	20667		220.0					
		46+66.80 to 47+55.02		LT	20604		273.5					
		75+01.13 to 75+24.97		LT	20639		157.9					
		92+59.67 to 92+83.67		RT	20624		153.3					
		463+72.19 to 464+08.74		RT	20646		441.1					
		463+76.35 to 464+10.48		RT	20651		181.4					
285709	OPTIONAL BASE, BASE GROUP 09	25+47.29 to 27+40.00		RT	22078	SY	81.1		123479			
		27+26.68 to 27+40.00		RT	22086		2.6					
		27+40.00 to 27+99.61		RT	22090		103.3					

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-32

SUMMARY OF PAVEMENT

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	DESCRIPTION				P	F	P	F		
285709	OPTIONAL BASE, BASE GROUP 09 (CONT'D)	27+40.00 to 32+80.00		LT/RT	22097	SY	1618.0					
		27+87.48 to 28+62.96		LT	21825		105.1					
		32+80.00 to 38+60.00		LT/RT	91007		8567.5					
		36+06.42 to 38+20.00		LT	91052		630.8					
		37+75.22 to 38+18.03		RT	22064		105.7					
		38+15.35 to 43+60.00		RT	22053		1554.0					
		38+20.00 to 43+60.00		LT/RT	91070		4826.8					
		43+60.00 to 46+08.74		RT	22048		705.2					
		46+37.07 to 46+37.07		LT	21859		5363.5					
		46+52.38 to 47+35.00		RT	91550		178.8					
		46+75.45 to 47+50.34		LT	21800		109.3					
		47+60.64 to 49+00.00		RT	21946		371.6					
		49+00.00 to 52+68.57		LT/RT	21664		1600.4					
		49+00.00 to 54+40.00		LT/RT	21673		3267.4					
		49+00.00 to 54+40.00		RT	21951		1440.5					
		54+40.00 to 59+80.00		LT/RT	132907		5855.6					
		59+80.00 to 65+20.00		RT	21689		2399.6					
		59+80.00 to 65+20.00		LT	21682		2417.6					
		65+20.00 to 70+60.00		LT	21696		2426.0					
		65+20.00 to 70+60.00		RT	21701		2374.0					
		70+60.00 to 76+00.00		LT/RT	21706		5643.5					
		74+53.39 to 75+73.18		LT	21780		253.6					
		76+00.00 to 81+40.00		LT/RT	21721		5224.7					
		81+40.00 to 86+80.00		LT/RT	21733		5643.9					
		86+80.00 to 92+20.00		RT	21756		2400.0					
		86+80.00 to 92+20.00		LT	21751		2400.0					
		92+09.67 to 93+33.67		RT	21773		252.6					
		92+20.00 to 94+00.00		RT	21767		800.0					
		92+20.00 to 94+00.00		LT	21762		800.0					
		212+72.03 to 216+15.64		LT/RT	22161		903.5					
		405+90.98 to 409+99.50		RT	102953		294.9					
		417+63.20 to 420+40.00		LT	22005		177.8					
		420+40.00 to 421+45.55		LT	22042		64.2					
		427+00.00 to 431+20.00		LT/RT	21582		4328.4					
		431+20.00 to 436+60.00		LT/RT	21604		6091.5					
		436+60.00 to 442+00.00		LT/RT	91017		6423.2					
		445+40.00 to 450+80.00		LT/RT	91046		6434.0					
		449+00.69 to 450+82.52		LT	22168		480.8					
		450+80.00 to 456+20.00		LT	22174		4137.2					
		450+80.00 to 456+20.04		RT	21452		2940.1					
		456+20.00 to 461+60.00		LT	108458		4122.5					
		456+20.04 to 461+60.00		RT	21472		2662.0					
		461+60.00 to 467+00.00		LT/RT	108465		4221.5					
		461+60.00 to 467+00.00		RT	21482		1121.1					
		463+28.11 to 464+61.02		RT	91024		331.3					
		467+00.00 to 472+40.00		RT	21510		819.9					
		469+70.00 to 469+70.00		LT	108488		4107.0					
		472+40.00 to 477+50.00		LT/RT	108516		3677.9					
		472+40.00 to 477+50.00		RT	21930		617.7					
0327 70 4	MILLING EXIST ASPH PAVT, 3" AVG DEPTH	24+70.00 to 27+40.00		LT/RT	22892	SY	745.7		2329			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-33

SUMMARY OF PAVEMENT

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	DESCRIPTION				P	F	P	F		
0327 70 4	MILLING EXIST ASPH PAVT, 3" AVG DEPTH	27+40.00 to 32+60.00		LT/RT	22901	SY	1583.6					
	(CONT'D)											
0327 70 6	MILLING EXIST ASPH PAVT, 1 1/2" AVG DEPTH	31+30.81 to 31+59.19		LT	25946	SY	138.9		139			
0327 70 13	MILLING EXIST ASPH PAVT, 1 3/4" AVG DEPTH	403+84.17 to 409+60.00		RT	25440	SY	531.8		6914			
		403+85.13 to 408+08.61		LT/RT	25314		635.1					
		403+87.37 to 409+60.00		LT	25301		282.8					
		405+85.28 to 409+60.00		RT	25417		596.0					
		409+60.00 to 415+00.00		LT	25059		292.3					
		409+60.00 to 415+00.00		RT	25254		436.2					
		412+29.84 to 412+29.84		RT	25075		768.3					
		412+55.44 to 415+00.00		RT	25244		216.8					
		415+00.00 to 416+68.38		RT	25049		93.6					
		415+00.00 to 417+12.34		LT	24987		119.3					
		415+00.00 to 420+40.00		LT/RT	24818		1210.9					
		417+58.99 to 420+40.00		RT	25040		158.1					
		418+02.63 to 420+40.00		LT	24807		296.3					
		420+40.00 to 422+49.80		LT	24774		120.8					
		420+40.00 to 425+80.00		LT	24744		556.7					
		420+40.00 to 425+80.00		RT	24788		301.7					
		425+48.49 to 425+80.00		RT	24781		2.4					
		425+71.83 to 425+80.00		LT	24764		2.2					
		425+80.00 to 426+99.99		LT	24662		58.5					
		425+80.00 to 427+00.00		RT	24736		60.6					
		425+80.00 to 427+01.71		RT	24669		80.4					
		425+80.00 to 427+01.71		LT	24595		92.9					
0327 70 17	MILLING EXIST ASPH PAVT, 3 1/4" AVG DEPTH	403+84.33 to 409+60.00		RT	109036	SY	1497.9		18618			
		403+86.56 to 409+60.00		LT	109018		1532.6					
		409+60.00 to 415+00.00		LT	108979		1402.7					
		409+60.00 to 415+00.00		RT	108997		1446.8					
		415+00.00 to 420+40.00		LT	108848		1909.8					
		415+00.00 to 420+40.00		RT	108942		1648.0					
		420+40.00 to 425+80.00		RT	108827		1414.2					
		420+40.00 to 425+80.00		LT	108811		1425.3					
		425+80.00 to 429+00.00		LT	108784		820.9					
		425+80.00 to 429+00.00		RT	108797		824.0					
		460+00.00 to 461+60.00		RT	108777		411.8					
		461+60.00 to 467+00.00		RT	108754		1386.4					
		467+00.00 to 472+40.00		RT	108719		1384.0					
		472+40.00 to 477+50.00		RT	109054		1513.4					
0327 70 19	MILLING EXIST ASPH PAVT, 3/4" AVG DEPTH	426+79.44 to 428+15.40		RT	136894	SY	319.3		319			
0327 70 20	MILLING EXIST ASPH PAVT, 3 3/4" AVG DEPTH	403+84.17 to 409+60.00		RT	112517	SY	531.8		6906			
		403+85.13 to 408+08.61		LT/RT	112558		635.1					
		403+87.37 to 409+60.00		LT	112481		282.8					
		405+85.28 to 409+60.00		RT	112494		596.0					
		409+60.00 to 415+00.00		RT	112434		436.2					
		409+60.00 to 415+00.00		LT	112239		292.3					

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-34

SUMMARY OF PAVEMENT

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	DESCRIPTION				P	F	P	F		
0327 70 20	MILLING EXIST ASPH PAVT, 3 3/4"	412+29.84 to 412+29.84		RT	112255	SY	768.3					
	AVG DEPTH (CONT'D)	412+55.44 to 415+00.00		RT	112424		216.8					
		415+00.00 to 415+28.13		LT	111775		2.4					
		415+00.00 to 416+68.38		RT	112229		93.6					
		415+00.00 to 417+12.34		LT	112176		119.3					
		415+00.00 to 420+40.00		LT/RT	112002		1210.9					
		417+58.99 to 420+40.00		RT	112167		158.1					
		418+02.63 to 420+40.00		LT	111991		296.3					
		420+40.00 to 422+49.80		LT	111984		120.8					
		420+40.00 to 425+80.00		LT	111928		556.7					
		420+40.00 to 425+80.00		RT	111965		301.7					
		425+48.49 to 425+80.00		RT	111958		2.4					
		425+71.83 to 425+80.00		LT	111948		2.2					
		425+80.00 to 426+99.99		LT	111779		58.5					
		425+80.00 to 427+00.00		RT	111920		50.4					
		425+80.00 to 427+01.71		LT	111786		92.9					
		425+80.00 to 427+01.71		RT	111853		80.4					
0327 70 22	MILLING EXISTING ASPHALT PAVEMENT,	426+79.44 to 428+15.40		RT	136629	SY	200.7		201.0			
	4 1/4" AVG DEPTH											
0334 1 23	SUPERPAVE ASPHALTIC CONCRETE	25+50.00 to 33+00.00		LT/RT	N/A	TN	307.56		19287.0		SR 46 OVERBUILD	
	(TRAFFIC C, PG 76-22, PMA)	459+50.00 to 469+50.00		RT	N/A		486.42				SR 500 OVERBUILD	
		7+43.16 to 7+81.68		RT	114488		1.95					
		24+70.00 to 27+40.00		LT/RT	112743		61.52					
		24+76.32 to 25+18.32		RT	114474		3.26					
		25+47.29 to 27+40.00		RT	112772		6.69					
		26+01.45 to 26+43.45		RT	114481		2.87					
		27+26.68 to 27+40.00		RT	113123		0.21					
		27+40.00 to 27+99.61		RT	113116		8.52					
		27+40.00 to 32+60.00		LT/RT	112752		130.64					
		27+40.00 to 32+80.00		LT/RT	112779		133.49					
		27+87.48 to 28+62.96		LT	113110		8.67					
		32+80.00 to 34+26.23		LT/RT	114568		121.94					
		34+26.23 to 36+65.40		LT/RT	114548		927.35					
		36+06.42 to 38+20.00		LT	114586		52.04					
		36+65.40 to 38+20.00		LT/RT	114563		121.17					
		37+75.22 to 38+18.03		RT	113025		8.72					
		38+15.35 to 43+60.00		RT	113032		128.20					

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-35

SUMMARY OF PAVEMENT

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	DESCRIPTION				P	F	P	F		
0334 1 23	SUPERPAVE ASPHALTIC CONCRETE	38+20.00 to 43+60.00		LT/RT	114597	TN	398.34					
	(TRAFFIC C, PG 76-22, PMA)	43+60.00 to 46+08.74		RT	113043		58.18					
	(CONT'D)	46+37.07 to 46+37.07		LT	114614		442.49					
		46+52.40 to 47+35.00		RT	114643		14.71					
		46+75.45 to 47+50.34		LT	113127		9.02					
		47+13.64 to 49+00.00		RT	114429		19.53					
		47+60.64 to 49+00.00		RT	113048		30.66					
		49+00.00 to 52+68.57		LT/RT	112819		132.03					
		49+00.00 to 54+40.00		RT	114436		49.52					
		49+00.00 to 54+40.00		LT/RT	112810		269.56					
		49+00.00 to 54+40.00		RT	113053		118.84					
		54+40.00 to 58+03.84		RT	133049		33.44					
		54+40.00 to 59+80.00		LT/RT	133092		483.09					
		58+15.22 to 59+80.00		RT	133042		15.11					
		59+80.00 to 60+78.58		RT	133030		8.55					
		59+80.00 to 65+20.00		LT	112851		199.45					
		59+80.00 to 65+20.00		RT	133113		197.73					
		65+20.00 to 70+60.00		RT	112870		195.86					
		65+20.00 to 70+60.00		LT	112865		200.14					
		67+63.24 to 68+72.68		RT	133916		11.62					
		70+60.00 to 76+00.00		LT/RT	112875		465.59					
		74+53.39 to 75+73.18		LT	113132		20.92					
		76+00.00 to 81+40.00		LT/RT	112890		431.04					
		81+40.00 to 86+80.00		LT/RT	112902		465.62					
		82+20.25 to 83+40.27		RT	113137		22.31					
		86+80.00 to 92+20.00		RT	112925		198.00					
		86+80.00 to 92+20.00		LT	112920		198.00					
		92+09.67 to 93+33.67		RT	113144		20.84					
		92+20.00 to 94+00.00		RT	112936		66.00					
		92+20.00 to 94+00.00		LT	112931		66.00					
		212+72.03 to 216+15.64		LT/RT	113018		74.54					
		403+84.17 to 409+60.00		RT	113686		29.25					
		403+84.33 to 409+60.00		RT	113529		247.15					
		403+85.13 to 408+08.61		LT/RT	113560		34.93					
		403+86.56 to 409+60.00		LT	113511		252.88					
		403+87.37 to 409+60.00		LT	113547		15.56					
		405+85.28 to 409+60.00		RT	113663		32.78					
		405+90.98 to 409+60.00		RT	114716		44.10					
		406+62.29 to 407+35.79		RT	114732		8.95					
		409+60.00 to 409+99.50		RT	113104		4.35					
		409+60.00 to 415+00.00		RT	113490		238.71					
		409+60.00 to 415+00.00		LT	113472		231.45					
		409+60.00 to 415+00.00		RT	113896		23.99					
		409+60.00 to 415+00.00		LT	113943		16.08					
		412+29.84 to 412+29.84		RT	113727		42.26					
		412+55.44 to 415+00.00		RT	113959		11.92					
		415+00.00 to 416+68.38		RT	114187		5.15					
		415+00.00 to 417+12.34		LT	113969		6.56					
		415+00.00 to 420+40.00		LT/RT	114022		66.60					
		415+00.00 to 420+40.00		LT	113341		314.94					
		415+00.00 to 420+40.00		RT	113435		271.66					

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-36

SUMMARY OF PAVEMENT

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	DESCRIPTION				P	F	P	F		
0334 1 23	SUPERPAVE ASPHALTIC CONCRETE	417+58.99 to 420+40.00		RT	114208	TN	8.69					
	(TRAFFIC C, PG 76-22, PMA)	417+63.20 to 420+40.00		LT	113067		29.33					
	(CONT'D)	418+02.63 to 420+40.00		LT	114197		16.30					
		420+40.00 to 421+45.55		LT	113061		10.60					
		420+40.00 to 422+49.80		LT	114237		6.64					
		420+40.00 to 425+80.00		LT	113325		235.17					
		420+40.00 to 425+80.00		RT	114244		16.59					
		420+40.00 to 425+80.00		LT	114217		30.62					
		420+40.00 to 425+80.00		RT	113304		233.34					
		425+48.49 to 425+80.00		RT	114263		0.13					
		425+71.83 to 425+80.00		LT	114270		0.12					
		425+80.00 to 426+99.99		LT	114280		3.22					
		425+80.00 to 427+00.00		RT	114421		2.77					
		425+80.00 to 427+01.71		RT	114354		4.42					
		425+80.00 to 427+01.71		LT	114287		5.11					
		425+80.00 to 429+00.00		LT	113277		135.44					
		425+80.00 to 429+00.00		RT	113290		135.97					
		427+00.00 to 431+20.00		LT/RT	112942		719.22					
		431+20.00 to 436+60.00		LT/RT	114537		1005.10					
		436+60.00 to 442+00.00		LT/RT	114527		1059.83					
		445+40.00 to 446+67.83		RT	114591		24.30					
		445+40.00 to 450+80.00		LT/RT	114698		1013.00					
		449+00.69 to 450+82.52		LT	113012		39.66					
		450+80.00 to 456+20.04		RT	114520		485.12					
		450+80.00 to 461+60.00		LT	114739		767.01					
		450+80.12 to 461+60.00		LT	114750		262.37					
		456+20.04 to 461+60.00		RT	114510		439.24					
		460+00.00 to 461+60.00		LT	113264		69.94					
		460+00.00 to 461+60.00		RT	113270		67.95					
		461+60.00 to 467+00.00		RT	113236		256.91					
		461+60.00 to 467+00.00		RT	114579		184.99					
		461+60.00 to 467+00.00		LT/RT	114683		295.09					
		461+60.00 to 467+00.00		LT	114677		137.71					
		461+60.00 to 467+00.00		LT	113253		240.07					
		463+28.11 to 464+61.02		RT	114573		27.34					
		467+00.00 to 472+40.00		RT	114496		135.28					
		467+00.00 to 472+40.00		LT	114502		133.53					
		467+00.00 to 472+40.00		RT	113195		339.71					
		467+00.00 to 472+40.00		LT	113219		239.70					
		467+00.00 to 472+40.00		LT/RT	112964		183.52					
		472+40.00 to 477+50.00		LT/RT	112984		258.78					
		472+40.00 to 477+50.00		LT	113149		225.66					
		472+40.00 to 477+50.00		LT	114651		121.60					
		472+40.00 to 477+50.00		RT	114661		101.92					
		472+40.00 to 477+50.00		RT	113174		250.80					
0337 7 22	ASPHALTIC CONCRETE FRICTION COURSE	403+84.17 to 409+60.00		RT	33555	TN	21.34		3317.8			
	(FC-5, PG 76-22, PMA)	403+84.33 to 409+60.00		RT	33255		60.10					
		403+85.13 to 405+85.28		LT/RT	115998		7.20					
		403+86.56 to 409+60.00		LT	33237		61.50					
		403+87.37 to 409+60.00		LT	33439		11.35					

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-37

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF PAVEMENT

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	DESCRIPTION				P	F	P	F		
0337 7 22	ASPHALTIC CONCRETE FRICTION COURSE	404+07.93 to 408+08.61		LT	34326	TN	18.28					
	(FC-5, PG 76-22, PMA)	405+85.28 to 409+56.14		RT	34344		23.70					
	(CONT'D)	405+90.98 to 409+60.00		RT	32881		15.13					
		409+60.00 to 409+99.50		RT	32875		1.06					
		409+60.00 to 415+00.00		LT	33619		11.73					
		409+60.00 to 415+00.00		RT	33804		17.50					
		409+60.00 to 415+00.00		LT	33198		56.28					
		409+60.00 to 415+00.00		RT	33216		58.05					
		410+35.75 to 410+35.75		LT	115841		13.99					
		411+11.50 to 415+00.00		LT	34366		16.84					
		412+55.44 to 415+00.00		RT	34402		8.70					
		415+00.00 to 416+68.38		RT	34083		3.76					
		415+00.00 to 416+79.80		RT	34387		10.72					
		415+00.00 to 417+12.34		LT	33861		4.79					
		415+00.00 to 420+40.00		RT	33161		66.06					
		415+00.00 to 420+40.00		LT	33067		76.59					
		415+28.13 to 418+93.38		LT/RT	115498		22.42					
		417+58.99 to 420+40.00		RT	34104		6.34					
		417+63.20 to 420+40.00		LT	32923		7.13					
		417+69.50 to 420+40.00		LT	34413		15.45					
		418+02.63 to 420+40.00		LT	34093		11.89					
		420+40.00 to 421+45.55		LT	32958		2.58					
		420+40.00 to 422+49.80		LT	34449		4.85					
		420+40.00 to 425+80.00		RT	33046		56.74					
		420+40.00 to 425+80.00		LT	34113		22.34					
		420+40.00 to 425+80.00		RT	34140		12.10					
		420+40.00 to 425+80.00		LT	33030		57.19					
		425+80.00 to 427+00.00		RT	34176		2.08					
		425+80.00 to 429+00.00		RT	116089		36.29					
		425+80.00 to 429+00.00		LT	116166		38.99					
		426+79.44 to 428+15.40		RT	136901		13.17					
		427+00.00 to 431+20.00		LT/RT	34532		179.81					
		431+20.00 to 436+60.00		LT/RT	34554		244.42					
		436+60.00 to 442+00.00		LT/RT	93675		257.73					
		442+00.00 to 445+40.00		LT/RT	93674		225.51					
		445+40.00 to 450+80.00		LT/RT	93784		247.38					
		450+80.00 to 456+20.00		LT	93805		112.25					
		450+80.00 to 456+20.04		RT	93789		117.97					
		456+20.00 to 461+60.00		LT	116325		165.41					
		456+20.00 to 461+60.00		RT	116331		123.36					
		461+60.00 to 467+00.00		LT/RT	116300		283.32					
		469+70.00 to 469+70.00		LT	116274		253.36					
		472+40.00 to 477+50.00		LT/RT	116259		233.03					
0337 7 42	ASPHALTIC CONCRETE FRICTION COURSE	405+90.98 to 409+60.00		RT	103354	TN	11.31		24.1			
	(TRAFFIC C, FC-9.5, PG 76-22, PMA)	409+60.00 to 410+08.28		RT	32853		1.36					
		417+63.65 to 420+40.00		LT	32848		8.23					
		420+40.00 to 421+45.55		LT	32841		3.24					
0337 7 43	ASPHALTIC CONCRETE FRICTION COURSE	6+45.00 to 8+30.20		LT/RT	121883	TN	38.51		6395.7			
	(TRAFFIC C, FC-12.5, PG 76-22, PMA)	24+70.00 to 27+40.00		LT/RT	122188		68.42					
		24+70.21 to 25+44.21		LT	121828		17.91					
		27+40.00 to 27+99.61		RT	121487		8.52					

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-38

SUMMARY OF PAVEMENT

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	DESCRIPTION				P	F	P	F		
0337 7 43	ASPHALTIC CONCRETE FRICTION COURSE	27+87.48 to 28+62.96		LT	121529	TN	8.67					
	(TRAFFIC C, FC-12.5, PG 76-22, PMA)	28+13.13 to 28+37.15		LT	121838		17.30					
	(CONT'D)	30+10.03 to 30+10.03		RT	122165		264.19					
		31+30.50 to 31+78.50		LT	121847		56.45					
		31+30.75 to 31+59.38		LT	121853		4.20					
		31+30.81 to 31+59.19		LT	121858		11.46					
		31+71.61 to 32+95.00		LT/RT	121923		36.39					
		32+80.00 to 34+26.23		LT/RT	121928		121.98					
		36+06.42 to 38+20.00		LT	121930		52.04					
		36+65.40 to 38+20.00		LT/RT	121929		121.17					
		37+73.30 to 38+19.26		RT	122134		16.33					
		38+14.22 to 43+60.00		RT	122111		220.36					
		38+19.99 to 43+60.00		LT/RT	121939		398.21					
		43+60.00 to 46+09.33		RT	122125		97.14					
		46+36.67 to 46+93.99		RT	121878		18.15					
		46+37.07 to 46+37.07		LT	121955		442.49					
		46+52.89 to 47+35.00		RT	121540		14.71					
		46+66.80 to 47+55.02		LT	121863		22.56					
		46+75.45 to 47+50.34		LT	121535		9.02					
		47+60.64 to 49+00.00		RT	122229		51.10					
		49+00.00 to 54+40.00		RT	122217		198.06					
		51+67.21 to 51+67.21		LT	122202		401.50					
		54+40.00 to 59+80.00		LT/RT	133312		495.36					
		59+80.00 to 65+20.00		RT	133332		197.73					
		59+80.00 to 65+20.00		LT	121587		199.45					
		65+20.00 to 70+60.00		LT	121601		200.14					
		65+20.00 to 70+60.00		RT	121606		195.86					
		70+60.00 to 76+00.00		LT/RT	121611		465.59					
		74+53.39 to 75+73.18		LT	121626		20.92					
		75+01.15 to 75+24.99		LT	121898		13.12					
		76+00.00 to 81+40.00		LT/RT	121631		431.04					
		81+40.00 to 86+80.00		LT/RT	121643		465.62					
		82+20.25 to 83+40.27		RT	121661		21.32					
		86+80.00 to 92+20.00		RT	121673		198.00					
		86+80.00 to 92+20.00		LT	121668		198.00					
		92+09.67 to 93+33.67		RT	121690		20.84					
		92+20.00 to 94+00.00		LT	121679		66.00					
		92+20.00 to 94+00.00		RT	121684		66.00					
		92+59.67 to 92+83.67		RT	121905		12.65					
		212+72.03 to 216+15.64		LT/RT	122098		132.38					
		445+40.00 to 446+67.86		RT	121984		24.35					
		448+99.95 to 450+83.51		LT	122087		66.09					
		450+79.52 to 455+65.59		LT	122076		173.47					
		463+76.35 to 464+10.48		RT	121912		14.96					

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-39

SUMMARY OF MISCELLANEOUS ASPHALT PAVEMENT

LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	THICK (IN)	UNDER GUARDRAIL (TN) 0339 1 P	UNDER GUARDRAIL (TN) 0339 1 F	DESIGN NOTES	CONSTRUCTION REMARKS
423+36.60 to 425+37.95	RT	88456			2	6.71			
423+90.68 to 425+80.00	LT	88692			2	6.31			
424+04.06 to 425+80.00	RT	88442			2	7.07			
424+57.04 to 425+80.00	LT	88465			2	4.10			
425+80.00 to 426+05.14	RT	88451			2	0.84			
425+80.00 to 426+17.04	LT	88685			2	1.24			
425+80.00 to 426+58.40	LT	88470			2	2.61			
					SUB-TOTAL:	28.88			
					TOTAL:	28.9			

SUMMARY OF WALLS

WALL NO.	PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STA. TO STA.	SIDE	UNIT	QUANTITY P	QUANTITY F	TOTAL P	TOTAL F	DESIGN NOTES	CONSTRUCTION REMARKS
1	0400 0 11	CONCRETE CLASS NS, GRAVITY WALL	64+50.00 TO 74+53.39	LT	CY	338.0		401			
2	0400 0 11	CONCRETE CLASS NS, GRAVITY WALL	427+00.00 TO 429+90.00	LT	CY	40.0					
2	0400 0 11	CONCRETE CLASS NS, GRAVITY WALL	428+60.00 TO 430+50.00	RT	CY	23.0					

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-40

SUMMARY OF SIDE DRAIN & MITERED END SECTIONS

LOCATION	SIDE	MES- EA	DESIGN NOTES	CONSTRUCTION REMARKS
		30" ROUND		
STA. TO STA.		0430-984-133		
412+56.80	RT	1		
413+85.70	RT	1		
SUB-TOTAL:		2		
TOTAL:		2		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-41

SUMMARY OF RAILING

LOCATION	SIDE	PED/BICYCLE RAILING 0515 2111		CONC TRAFFIC RAILING 32" F SHAPE 0521 8 1		CONC TRAFFIC RAILING 42" F SHAPE 0521 8 2		DESIGN NOTES	CONSTRUCTION REMARKS
STA. TO STA.		LF		LF		LF			
		P	F	P	F	P	F		
64+50.00 TO 74+53.39	LT	1003.4							
210+60.03 TO 212+29.59	LT			170.3					
221+99.75 TO 228+75.00	LT			666.1					
221+99.75 TO 228+75.00	RT			678.6					
230+33.00 TO 236+20.00	LT			585.7					
230+33.00 TO 237+60.00	RT			727.7					
211+60.00 TO 214+43.61	RT					288.5			
212+29.59 TO 214+43.61	LT					199.4			
219+79.39 TO 221+99.75	LT					205.2			
219+79.39 TO 221+99.75	RT					225.5			
SUB-TOTAL:		1003		2828		919			
TOTAL:		1003		2828		919			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-42

SUMMARY OF CURB & GUTTER AND/OR TRAFFIC SEPARATORS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STA. TO STA.	SIDE	AREA ID	UNIT	QUANTITY GROSS LENGTH	QUANTITY NET LENGTH P	QUANTITY NET LENGTH F	TOTAL P	TOTAL F	DESIGN NOTES	CONSTRUCTION REMARKS
0520 1 7	CONCRETE CURB & GUTTER, TYPE E	28+66.93 to 28+66.99	LT/RT		LF	17.0	17.0		25714			
		28+66.93 to 29+22.19	LT			55.3	55.3					
		28+66.99 to 31+44.00	RT			277.1	277.1					
		29+22.19 to 31+87.72	LT			265.5	265.5					
		31+44.00 to 31+87.72	RT			45.0	45.0					
		34+59.55 to 34+67.78	RT			9.6	9.6					
		34+67.78 to 34+79.11	RT			14.9	14.9					
		34+71.09 to 34+94.58	LT			37.5	37.5					
		34+85.84 to 34+99.70	RT			43.9	43.9					
		36+00.56 to 36+24.05	LT			36.3	36.3					
		36+16.91 to 36+18.34	RT			13.2	13.2					
		36+18.34 to 36+20.92	RT			8.0	8.0					
		36+21.29 to 36+39.17	RT			27.7	27.7					
		36+24.05 to 37+64.17	LT			140.1	140.1					
		36+36.06 to 36+53.00	LT			16.9	16.9					
		36+36.06 to 36+53.00	LT			16.9	16.9					
		38+41.50 to 38+60.00	RT			18.5	18.5					
		38+41.50 to 39+26.92	LT/RT			87.8	87.8					
		38+60.00 to 41+54.09	RT			295.9	295.9					
		39+26.92 to 39+30.25	LT			3.3	3.3					
		39+30.25 to 44+70.53	LT			536.7	536.7					
		41+54.09 to 44+27.56	RT			275.3	275.3					
		44+27.56 to 44+70.57	LT/RT			44.4	44.4					
		46+81.31 to 46+82.21	RT			5.3	5.3					
		46+81.31 to 46+97.73	LT/RT			19.7	19.7					
		46+82.21 to 46+99.78	RT			17.7	17.7					
		46+97.73 to 46+99.01	LT			1.4	1.4					
		46+99.78 to 47+12.37	RT			12.6	12.6					
		46+99.78 to 47+28.49	LT			28.7	28.7					
		47+12.37 to 47+13.67	RT			1.4	1.4					
		47+13.67 to 47+29.43	LT/RT			19.1	19.1					
		47+28.49 to 47+29.43	LT			5.3	5.3					
		49+48.52 to 49+92.27	LT/RT			45.0	45.0					
		49+48.52 to 52+24.82	RT			276.3	276.3					
		49+92.27 to 52+68.57	LT			276.3	276.3					
		52+24.82 to 52+68.57	LT/RT			45.0	45.0					
		54+85.67 to 54+86.37	RT			4.0	4.0					
		54+85.67 to 55+06.13	LT/RT			25.9	25.9					
		54+86.37 to 61+54.53	RT			668.2	668.2					
		55+06.13 to 55+07.23	LT			1.2	1.2					
		55+07.23 to 61+54.53	LT			647.3	647.3					
		61+54.53 to 72+18.90	RT			1060.8	1060.8					
		61+54.53 to 72+62.86	LT			1112.0	1112.0					
		72+18.90 to 72+62.84	LT/RT			45.1	45.1					
		77+63.39 to 78+07.14	LT/RT			45.0	45.0					
		77+63.39 to 82+78.23	RT			514.8	514.8					
		78+06.97 to 82+99.08	LT			492.1	492.1					
		82+78.23 to 82+79.33	RT			1.2	1.2					
		82+79.33 to 82+99.78	LT/RT			25.9	25.9					
		82+99.08 to 82+99.78	LT			4.0	4.0					

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-43

SUMMARY OF CURB & GUTTER AND/OR TRAFFIC SEPARATORS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STA. TO STA.	SIDE	AREA ID	UNIT	QUANTITY GROSS LENGTH	QUANTITY NET LENGTH P	QUANTITY NET LENGTH F	TOTAL P	TOTAL F	DESIGN NOTES	CONSTRUCTION REMARKS
0520 1 7	CONCRETE CURB & GUTTER, TYPE E (CONT'D)	86+26.88 to 86+70.63	LT/RT		LF	45.0	45.0					
		86+26.88 to 94+00.00	RT			773.1	773.1					
		86+70.63 to 94+00.00	LT			729.4	729.4					
		427+00.00 to 427+06.00	LT			6.1	6.1					
		427+06.00 to 442+49.34	LT			1543.3	1543.3					
		428+15.40 to 442+76.88	RT			1461.5	1461.5					
		432+25.66 to 432+64.95	LT			39.7	39.7					
		432+25.66 to 438+79.32	RT			653.7	653.7					
		432+64.95 to 439+18.60	LT			653.7	653.7					
		438+79.32 to 439+18.60	RT			39.7	39.7					
		444+38.43 to 444+44.25	RT			5.8	5.8					
		444+39.06 to 444+44.25	LT			5.2	5.2					
		444+44.25 to 444+52.25	RT			8.0	8.0					
		444+44.25 to 447+49.43	LT			305.2	305.2					
		444+52.25 to 445+54.95	RT			102.7	102.7					
		446+70.19 to 450+43.52	RT			373.6	373.6					
		447+49.43 to 447+99.43	LT			51.4	51.4					
		447+78.84 to 448+20.50	LT/RT			42.8	42.8					
		447+78.84 to 464+05.14	RT			1626.3	1626.3					
		447+99.43 to 451+95.71	LT			396.3	396.3					
		448+20.50 to 464+19.56	LT			1599.1	1599.1					
		449+39.60 to 453+09.41	LT			371.5	371.5					
		450+43.52 to 460+33.93	RT			990.4	990.4					
		451+95.71 to 455+57.73	LT			362.2	362.2					
		453+09.41 to 454+41.74	LT			132.7	132.7					
		453+09.41 to 455+57.96	LT			249.2	249.2					
		454+02.34 to 454+71.89	LT			70.0	70.0					
		454+71.89 to 461+71.89	LT			701.7	701.7					
		460+33.93 to 460+83.93	RT			51.4	51.4					
		460+83.93 to 463+27.94	RT			244.0	244.0					
		461+71.89 to 477+44.00	LT			1572.1	1572.1					
		464+05.14 to 464+07.57	RT			2.7	2.7					
		464+07.57 to 464+20.39	LT/RT			16.5	16.5					
		464+19.56 to 464+20.39	LT			3.8	3.8					
		464+61.00 to 477+44.00	RT			1283.0	1283.0					
		467+17.63 to 470+29.16	RT			311.5	311.5					
		467+61.82 to 470+73.37	LT			311.5	311.5					
		467+87.76 to 468+50.05	RT			62.3	62.3					
		473+70.58 to 473+71.41	RT			3.8	3.8					
		473+70.58 to 473+83.40	LT/RT			16.5	16.5					
		473+71.41 to 477+50.00	RT			378.6	378.6					
		473+83.40 to 473+85.82	LT			2.7	2.7					
		473+85.82 to 477+50.00	LT			364.2	364.2					
		476+99.98 to 477+44.00	RT			44.0	44.0					
		477+44.00 to 477+50.00	RT			6.1	6.1					
		477+44.00 to 477+50.00	LT			6.1	6.1					
		477+44.00 to 477+50.00	RT			6.1	6.1					
0520 1 10	CONCRETE CURB & GUTTER, TYPE F	25+20.71 to 25+20.71	LT		LF	24.0	24.0		15591			
		25+20.71 to 25+20.72	LT			0.6	0.6					
		25+20.72 to 25+33.97	LT			25.7	25.7					

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-44

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF CURB & GUTTER AND/OR TRAFFIC SEPARATORS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STA. TO STA.	SIDE	AREA ID	UNIT	QUANTITY GROSS LENGTH	QUANTITY NET LENGTH P	QUANTITY NET LENGTH F	TOTAL P	TOTAL F	DESIGN NOTES	CONSTRUCTION REMARKS
0520 1 10	CONCRETE CURB & GUTTER, TYPE F (CONT'D)	25+33.97 to 25+44.21	LT		LF	10.6	10.6					
		25+44.21 to 26+40.11	LT			95.9	95.9					
		26+40.11 to 26+66.94	LT			26.8	26.8					
		26+66.94 to 26+72.11	LT			5.2	5.2					
		26+72.11 to 26+83.78	LT			11.7	11.7					
		26+83.78 to 27+15.78	LT			32.0	32.0					
		27+15.78 to 27+88.91	LT			73.2	73.2					
		27+23.99 to 27+38.40	RT			15.8	15.8					
		27+38.40 to 27+43.37	RT			7.9	7.9					
		27+43.37 to 27+46.51	RT			12.3	12.3					
		27+46.51 to 27+46.51	RT			5.2	5.2					
		27+75.15 to 27+83.00	RT			17.9	17.9					
		27+83.00 to 27+93.39	RT			11.8	11.8					
		27+88.91 to 27+95.32	LT			6.5	6.5					
		27+93.39 to 27+99.55	RT			6.2	6.2					
		27+95.32 to 28+11.28	LT			25.6	25.6					
		27+99.55 to 31+43.91	RT			344.7	344.7					
		28+11.28 to 28+11.63	LT			4.0	4.0					
		28+11.63 to 28+11.63	LT			73.2	73.2					
		28+38.65 to 28+38.65	LT			65.7	65.7					
		28+38.65 to 28+41.06	LT			11.8	11.8					
		28+41.06 to 28+58.86	LT			22.8	22.8					
		28+58.86 to 28+62.91	LT			4.1	4.1					
		28+62.91 to 29+62.88	LT			100.0	100.0					
		29+62.88 to 30+04.49	LT			41.6	41.6					
		30+04.49 to 32+81.88	LT			277.5	277.5					
		31+29.00 to 31+29.31	LT			80.2	80.2					
		31+29.00 to 31+78.83	LT			187.2	187.2					
		31+43.73 to 31+93.77	RT			51.7	51.7					
		31+60.69 to 31+60.88	LT			16.4	16.4					
		31+60.88 to 31+78.83	LT			31.6	31.6					
		31+93.77 to 34+26.23	RT			232.5	232.5					
		32+81.88 to 33+46.21	LT			64.3	64.3					
		32+81.90 to 34+56.14	LT			174.2	174.2					
		34+26.23 to 34+59.55	RT			34.6	34.6					
		34+56.14 to 34+71.09	LT			14.9	14.9					
		36+22.72 to 37+13.01	LT			166.1	166.1					
		36+38.91 to 36+65.40	RT			28.0	28.0					
		36+65.40 to 38+60.00	RT			194.6	194.6					
		37+13.01 to 37+64.17	LT			52.3	52.3					
		37+64.17 to 40+48.32	LT			278.7	278.7					
		38+60.00 to 41+54.09	RT			300.9	300.9					
		40+48.32 to 43+59.53	LT			299.2	299.2					
		41+54.09 to 46+52.40	RT			512.7	512.7					
		43+59.53 to 46+75.45	LT			304.3	304.3					
		46+22.91 to 46+28.01	RT			9.2	9.2					
		46+28.01 to 46+38.92	RT			27.2	27.2					
		46+38.92 to 46+52.17	RT			32.0	32.0					
		46+47.50 to 46+49.51	RT			9.2	9.2					
		46+49.51 to 46+60.66	RT			27.2	27.2					

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-45

SUMMARY OF CURB & GUTTER AND/OR TRAFFIC SEPARATORS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STA. TO STA.	SIDE	AREA ID	UNIT	QUANTITY GROSS LENGTH	QUANTITY NET LENGTH P	QUANTITY NET LENGTH F	TOTAL P	TOTAL F	DESIGN NOTES	CONSTRUCTION REMARKS
0520 1 10	CONCRETE CURB & GUTTER, TYPE F (CONT'D)	46+52.17 to 46+72.26	RT		LF	46.4	46.4					
		46+52.40 to 46+72.26	RT			48.0	48.0					
		46+60.66 to 46+74.20	RT			32.0	32.0					
		46+74.20 to 47+10.29	RT			79.1	79.1					
		46+75.45 to 46+94.43	LT			20.8	20.8					
		46+94.43 to 47+00.06	LT			13.6	13.6					
		46+98.63 to 46+99.34	LT			6.1	6.1					
		46+99.34 to 47+00.06	LT			9.4	9.4					
		47+10.29 to 47+14.46	RT			8.6	8.6					
		47+14.46 to 47+28.58	RT			18.5	18.5					
		47+25.52 to 47+28.74	LT			6.0	6.0					
		47+28.58 to 47+35.00	RT			6.5	6.5					
		47+28.74 to 47+34.06	LT			9.4	9.4					
		47+34.06 to 47+41.99	LT			9.5	9.5					
		47+35.00 to 55+82.73	RT			847.7	847.7					
		47+41.99 to 47+50.34	LT			8.5	8.5					
		47+50.34 to 50+13.11	LT			262.8	262.8					
		50+13.11 to 50+63.30	LT			51.8	51.8					
		50+63.30 to 61+54.53	LT			1091.2	1091.2					
		53+46.32 to 55+82.73	RT			236.9	236.9					
		54+88.20 to 55+49.43	RT			61.7	61.7					
		55+82.61 to 55+82.73	RT			4.6	4.6					
		55+49.43 to 56+81.85	RT			132.9	132.9					
		56+81.85 to 57+92.80	RT			111.4	111.4					
		57+92.80 to 58+24.72	RT			32.0	32.0					
		58+24.72 to 60+98.50	RT			274.0	274.0					
		60+78.58 to 61+04.58	RT			26.0	26.0					
		61+04.58 to 61+54.55	RT			50.7	50.7					
		61+54.53 to 74+53.39	LT			1322.7	1322.7					
		61+54.55 to 67+73.69	RT			607.8	607.8					
		67+73.69 to 68+18.51	RT			44.0	44.0					
		68+18.51 to 68+57.48	RT			38.3	38.3					
		68+57.48 to 69+02.52	RT			44.2	44.2					
		69+02.52 to 70+29.25	RT			124.4	124.4					
		70+29.25 to 70+65.93	RT			36.0	36.0					
		70+65.93 to 71+30.04	RT			62.9	62.9					
		71+30.04 to 71+70.78	RT			40.0	40.0					
		71+70.78 to 73+59.97	RT			185.7	185.7					
		73+59.97 to 74+00.71	RT			40.0	40.0					
		74+00.71 to 76+42.58	RT			237.4	237.4					
		74+53.39 to 74+74.82	LT			22.7	22.7					
		74+74.82 to 74+88.27	LT			17.5	17.5					
		74+88.27 to 75+00.24	LT			34.7	34.7					
		75+00.03 to 75+00.92	LT			25.6	25.6					
		75+00.24 to 75+00.63	LT			6.0	6.0					
		75+00.63 to 75+00.92	LT			26.7	26.7					
		75+24.83 to 75+26.08	LT			29.2	29.2					
		75+26.02 to 75+26.09	LT			25.8	25.8					
		75+26.02 to 75+26.33	LT			6.0	6.0					
		75+26.33 to 75+38.81	LT			36.2	36.2					

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-46

SUMMARY OF CURB & GUTTER AND/OR TRAFFIC SEPARATORS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STA. TO STA.	SIDE	AREA ID	UNIT	QUANTITY GROSS LENGTH	QUANTITY NET LENGTH P	QUANTITY NET LENGTH F	TOTAL P	TOTAL F	DESIGN NOTES	CONSTRUCTION REMARKS
0520 1 10	CONCRETE CURB & GUTTER, TYPE F (CONT'D)	75+38.81 to 75+52.43	LT		LF	17.5	17.5					
		75+52.43 to 75+73.18	LT			21.9	21.9					
		75+73.18 to 77+14.17	LT			143.6	143.6					
		76+42.58 to 76+83.33	RT			40.0	40.0					
		76+83.33 to 77+14.17	RT			30.3	30.3					
		77+14.17 to 77+87.22	RT			73.0	73.0					
		77+14.17 to 79+99.31	LT			285.1	285.1					
		77+87.22 to 78+29.22	RT			42.0	42.0					
		78+29.22 to 79+14.47	RT			85.2	85.2					
		79+14.47 to 79+48.51	RT			34.0	34.0					
		79+48.51 to 82+20.25	RT			271.7	271.7					
		79+99.31 to 80+43.31	LT			44.0	44.0					
		80+43.31 to 92+17.00	LT			1173.7	1173.7					
		82+20.25 to 82+31.86	RT			12.1	12.1					
		83+28.66 to 83+40.27	RT			12.1	12.1					
		83+40.27 to 92+09.67	RT			869.4	869.4					
		92+09.67 to 92+26.54	RT			17.2	17.2					
		92+17.00 to 92+49.00	LT			32.0	32.0					
		92+26.54 to 92+36.86	RT			11.6	11.6					
		92+36.84 to 92+58.17	RT			47.3	47.3					
		92+49.00 to 94+00.00	LT			151.0	151.0					
		92+85.17 to 93+06.47	RT			47.3	47.3					
		93+06.47 to 93+16.79	RT			11.6	11.6					
		93+16.79 to 93+33.67	RT			17.2	17.2					
		93+33.67 to 94+00.00	RT			66.3	66.3					
		448+45.64 to 448+85.31	LT			40.0	40.0					
		449+34.93 to 453+12.41	LT			379.2	379.2					
		453+12.41 to 454+02.30	LT			90.1	90.1					
		463+28.11 to 463+76.58	RT			77.8	77.8					
		463+70.69 to 463+76.58	RT			173.1	173.1					
		464+05.93 to 464+10.62	RT			134.4	134.4					
		464+10.62 to 464+11.67	RT			30.0	30.0					
		464+11.67 to 464+12.55	RT			25.3	25.3					
		464+12.55 to 464+17.38	RT			20.2	20.2					
		464+17.38 to 464+61.02	RT			54.3	54.3					
0520 2 4	CONCRETE CURB, TYPE D	46+66.80 to 46+73.66	LT		LF	9.0	9.0		192			
		46+73.66 to 46+98.63	LT			40.8	40.8					
		46+82.66 to 46+86.58	LT			4.5	4.5					
		46+86.58 to 46+95.36	LT			9.4	9.4					
		46+95.36 to 46+96.41	LT			2.4	2.4					
		47+08.52 to 47+13.41	LT			12.4	12.4					
		47+08.52 to 47+17.51	LT			15.6	15.6					
		47+17.51 to 47+47.00	LT			36.2	36.2					
		47+24.59 to 47+25.52	LT			3.1	3.1					
		47+24.59 to 47+32.97	LT			30.6	30.6					
		47+32.97 to 47+55.02	LT			28.0	28.0					
0520 5 11	TRAFFIC SEPARATOR CONCRETE - TYPE I, 4' WIDE	35+55.49 to 35+59.49	LT		LF	3.1	3.1		801			
		36+56.58 to 36+56.58	RT			3.1	3.1					
		36+56.58 to 38+41.50	RT			92.5	92.5					
		36+56.58 to 38+41.50	RT			92.5	92.5					

REVISIONS DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-47

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF CURB & GUTTER AND/OR TRAFFIC SEPARATORS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STA. TO STA.	SIDE	AREA ID	UNIT	QUANTITY GROSS LENGTH	QUANTITY NET LENGTH P	QUANTITY NET LENGTH F	TOTAL P	TOTAL F	DESIGN NOTES	CONSTRUCTION REMARKS
0520 5 11	TRAFFIC SEPARATOR CONCRETE - TYPE I, 4' WIDE (CONT'D)	37+64.17 to 37+64.17	LT		LF	2.0	2.0					
		37+64.17 to 39+30.25	LT			83.0	83.0					
		37+64.17 to 39+30.25	LT			83.0	83.0					
		39+30.25 to 39+51.64	LT			10.4	10.4					
		39+30.25 to 39+51.64	LT			10.4	10.4					
		39+51.64 to 39+51.64	LT			3.1	3.1					
		444+78.82 to 447+78.84	RT			150.0	150.0					
		444+78.82 to 447+78.84	RT			150.0	150.0					
		445+54.95 to 445+54.95	RT			2.0	2.0					
		445+54.95 to 446+67.86	RT			56.5	56.5					
		445+54.95 to 446+67.86	RT			56.5	56.5					
		446+67.86 to 446+67.86	RT			3.1	3.1					
0520 5 16	TRAFFIC SEPARATOR CONCRETE - TYPE I, 8.5' WIDE	31+87.72 to 34+52.14	RT		LF	132.2	132.2		2829			
		31+87.72 to 34+52.14	LT			132.2	132.2					
		34+52.14 to 34+52.14	LT/RT			6.7	6.7					
		35+51.37 to 35+59.86	RT			6.7	6.7					
		44+70.53 to 46+39.02	LT			83.7	83.7					
		44+70.57 to 46+39.02	LT			84.2	84.2					
		46+39.02 to 46+59.73	LT			20.7	20.7					
		47+68.86 to 47+68.86	RT			6.6	6.6					
		47+68.86 to 49+48.52	RT			89.8	89.8					
		47+68.86 to 49+48.52	RT			89.8	89.8					
		52+68.57 to 54+50.00	LT			90.7	90.7					
		52+68.57 to 54+50.00	LT			90.7	90.7					
		54+50.00 to 54+50.00	LT			6.7	6.7					
		72+62.84 to 74+54.25	LT			95.7	95.7					
		72+62.86 to 74+54.25	LT			96.0	96.0					
		74+54.25 to 74+54.25	LT			6.7	6.7					
		75+71.92 to 75+71.92	RT			6.7	6.7					
		75+71.92 to 77+14.17	RT			71.1	71.1					
		75+71.92 to 77+14.17	RT			70.9	70.9					
		77+14.17 to 77+63.39	RT			24.6	24.6					
		77+14.17 to 77+63.39	RT			24.6	24.6					
		83+24.90 to 83+25.75	RT			2.7	2.7					
		83+24.90 to 83+46.04	RT			10.9	10.9					
		83+25.75 to 86+26.88	RT			150.6	150.6					
		83+46.04 to 86+26.88	RT			140.4	140.4					
		428+24.11 to 428+24.11	LT/RT			6.7	6.7					
		428+24.11 to 432+25.66	LT			200.8	200.8					
		428+24.11 to 432+25.66	RT			200.8	200.8					
		439+18.60 to 442+60.98	LT			171.2	171.2					
		439+18.60 to 442+60.98	RT			171.2	171.2					
		464+45.50 to 464+46.35	RT			2.7	2.7					
		464+45.50 to 464+66.64	LT/RT			10.9	10.9					
		464+46.35 to 467+17.63	RT			135.6	135.6					
		464+66.64 to 467+17.63	LT			125.5	125.5					
		467+17.63 to 467+17.63	LT/RT			4.3	4.3					
		470+73.37 to 470+73.37	LT/RT			4.3	4.3					
		470+73.37 to 473+20.00	LT			123.3	123.3					
		470+73.37 to 473+20.00	RT			123.3	123.3					

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-48

SUMMARY OF CURB & GUTTER AND/OR TRAFFIC SEPARATORS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STA. TO STA.	SIDE	AREA ID	UNIT	QUANTITY GROSS LENGTH	QUANTITY NET LENGTH P	QUANTITY NET LENGTH F	TOTAL P	TOTAL F	DESIGN NOTES	CONSTRUCTION REMARKS
0520 5 16	TRAFFIC SEPARATOR CONCRETE - TYPE I, 8.5' WIDE	473+20.00 to 473+20.00	LT/RT		LF	6.7	6.7					
	(CONT'D)											

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-49

SUMMARY OF SIDEWALK & DETECTABLE WARNINGS

LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	CONC SIDEWALK 4" 0522 1 SY P	CONC SIDEWALK 4" 0522 1 SY F	DETECTABLE WARNINGS 0527 2 SF P	DETECTABLE WARNINGS 0527 2 SF F	DESIGN NOTES	CONSTRUCTION REMARKS
24+70.00 to 24+94.33	LT	16771			14.4					
25+21.22 to 25+34.19	LT	16796			10.6					
25+34.19 to 26+50.11	LT	16784			64.6					
26+62.11 to 26+93.78	LT	16799			17.6					
27+05.78 to 27+40.00	LT	16808			19.0					
27+31.86 to 27+42.94	RT	16830			4.8					
27+40.00 to 27+95.17	LT	16819			30.6					
27+83.33 to 27+99.52	RT	16879			7.1					
27+95.17 to 28+10.79	LT	16834			13.0					
27+99.27 to 32+80.00	RT	16855			321.7					
28+41.62 to 28+58.86	LT	16837			10.3					
28+58.86 to 29+72.88	LT	16842			76.0					
29+94.49 to 32+80.00	LT	16932			192.3					
31+21.50 to 32+19.34	LT	16883			165.8					
31+21.75 to 31+26.77	LT	16931			8.2					
31+63.72 to 31+68.79	LT	16928			8.4					
32+80.00 to 34+57.64	LT	89865			114.5					
32+80.00 to 34+92.03	RT	17075			181.7					
34+54.14 to 34+94.44	LT	104141			40.4					
34+59.32 to 34+67.49	RT	17116			4.9					
34+74.11 to 34+85.43	RT	17121			5.2					
36+00.19 to 37+12.00	LT	90117			84.0					
36+18.89 to 38+20.00	RT	90059			173.4					
36+96.40 to 38+19.99	LT	90025			114.9					
38+19.99 to 43+60.00	LT	90035			289.3					
38+20.00 to 43+60.00	RT	90084			308.1					
43+60.00 to 46+57.54	RT	90088			170.8					
43+60.00 to 46+94.03	LT	17335			178.6					
46+57.52 to 46+69.61	RT	17356			5.2					
46+89.22 to 46+99.55	LT	17360			6.6					
47+10.73 to 47+23.65	RT	20931			36.3					
47+34.40 to 47+48.17	LT	17372			5.1					
47+48.17 to 49+00.00	LT	17366			75.9					
49+00.00 to 54+40.00	LT	17376			292.7					
54+40.00 to 59+80.00	LT	17385			300.0					
59+80.00 to 65+20.00	LT	17393			304.1					
60+19.41 to 60+98.58	RT	133549			65.1					
60+20.91 to 65+20.00	RT	133558			308.7					
65+20.00 to 68+67.67	RT	17416			192.9					
65+20.00 to 70+60.00	LT	17432			306.1					
68+92.33 to 70+39.43	RT	17437			79.7					
70+55.75 to 70+60.00	RT	17487			2.1					
70+60.00 to 71+40.21	RT	17479			43.5					
70+60.00 to 74+94.81	LT	17446			264.0					
71+60.61 to 73+70.14	RT	17493			113.6					
73+90.54 to 76+00.00	RT	17529			113.8					
74+74.59 to 74+87.90	LT	17500			8.4					
				SUB-TOTAL:	5154.0					
				TOTAL:	12302		366			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-50

SUMMARY OF SIDEWALK & DETECTABLE WARNINGS

LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	CONC SIDEWALK 4" 0522 1 SY P	CONC SIDEWALK 4" 0522 1 SY F	DETECTABLE WARNINGS 0527 2 SF P	DETECTABLE WARNINGS 0527 2 SF F	DESIGN NOTES	CONSTRUCTION REMARKS
75+36.16 to 76+00.00	LT	17503			37.1					
75+39.17 to 75+52.65	LT	17526			8.4					
76+00.00 to 76+52.75	RT	17536			28.5					
76+00.00 to 80+09.31	LT	17542			228.5					
76+73.16 to 77+97.22	RT	17555			68.1					
78+19.22 to 79+24.47	RT	17564			58.1					
79+38.51 to 81+40.00	RT	17571			111.8					
80+33.31 to 81+40.00	LT	17584			59.1					
81+40.00 to 82+25.61	RT	17585			47.6					
81+40.00 to 86+80.00	LT	17595			300.0					
82+25.61 to 82+38.27	RT	17591			5.2					
83+22.26 to 83+34.91	RT	17606			5.2					
83+34.91 to 86+80.00	RT	17610			191.7					
86+80.00 to 92+20.00	LT	17621			300.0					
86+80.00 to 92+20.00	RT	17616			300.0					
92+20.00 to 94+00.00	LT	17630			100.0					
92+20.37 to 92+36.56	RT	17637			6.3					
93+06.75 to 93+22.96	RT	17642			6.3					
93+22.96 to 94+00.00	RT	17647			42.8					
427+00.00 to 431+20.00	LT	17653			232.6					
427+98.61 to 431+20.00	RT	90071			178.5					
431+20.00 to 436+60.00	RT	17674			300.0					
431+20.00 to 436+60.00	LT	17691			300.0					
436+60.00 to 442+00.00	LT	17715			300.0					
436+60.00 to 442+00.00	RT	90064			300.0					
445+40.00 to 450+80.00	RT	90024			303.3					
448+65.47 to 449+06.51	LT	104142			46.7					
449+05.76 to 450+84.51	LT	89918			103.0					
450+80.00 to 456+20.00	RT	90004			300.0					
450+84.01 to 456+20.00	LT	17823			299.0					
456+20.00 to 461+60.00	RT	89999			300.8					
456+20.00 to 461+60.00	LT	89922			300.7					
461+60.00 to 463+76.08	RT	89990			180.6					
461+60.00 to 467+00.00	LT	89930			300.0					
463+63.17 to 463+74.35	RT	17901			94.6					
464+08.26 to 464+17.74	RT	17928			68.6					
464+12.74 to 464+18.46	RT	17940			11.3					
464+12.89 to 464+25.44	RT	89975			36.4					
464+21.17 to 467+00.00	RT	89965			157.5					
467+00.00 to 468+09.84	RT	89958			59.4					
467+00.00 to 472+40.00	LT	89936			300.0					
468+47.10 to 469+60.49	RT	89951			61.4					
469+84.49 to 472+40.00	RT	89946			141.9					
472+40.00 to 477+50.00	RT	89941			283.3					
472+40.00 to 477+50.00	LT	18041			283.3					
467+87.76 to 468+83.44	RT	90139								
24+90.08 to 24+94.33	LT	15011					10.8			
25+21.57 to 25+27.70	LT	15016					11.8			
SUB-TOTAL:					7147.6		22.6			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-51

SUMMARY OF SIDEWALK & DETECTABLE WARNINGS

LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	CONC SIDEWALK 4" 0522 1 SY P	CONC SIDEWALK 4" 0522 1 SY F	DETECTABLE WARNINGS 0527 2 SF P	DETECTABLE WARNINGS 0527 2 SF F	DESIGN NOTES	CONSTRUCTION REMARKS
25+28.69 to 25+30.69	LT	15029					8.0			
27+37.96 to 27+42.22	RT	15036					8.9			
27+84.38 to 27+93.50	RT	15042					16.5			
27+99.17 to 28+01.17	LT	15063					8.0			
28+01.67 to 28+09.71	LT	15048					15.3			
28+44.21 to 28+51.69	LT	15068					10.8			
28+52.86 to 28+54.86	LT	15073					9.1			
34+57.47 to 34+67.82	LT	90268					18.6			
34+60.51 to 34+66.38	RT	15138					11.1			
34+78.63 to 34+84.64	RT	15144					12.7			
34+91.59 to 34+93.86	LT	90275					8.5			
36+00.98 to 36+03.10	LT	90267					8.3			
36+19.24 to 36+22.90	RT	90299					9.9			
36+40.33 to 36+46.20	RT	90306					10.7			
36+42.00 to 36+46.00	LT	90280					8.0			
37+06.21 to 37+10.56	LT	90287					7.4			
37+15.08 to 37+19.54	LT	90292					8.0			
46+63.34 to 46+68.76	RT	90325					10.8			
46+91.14 to 46+97.35	LT	15193					11.0			
47+10.73 to 47+23.64	RT	15214					39.0			
47+35.42 to 47+42.17	LT	15198					11.9			
74+78.95 to 74+83.25	LT	15223					8.0			
75+43.90 to 75+48.21	LT	15233					8.0			
82+31.61 to 82+37.26	RT	15244					10.8			
83+23.26 to 83+28.91	RT	15250					10.8			
92+26.37 to 92+35.43	RT	15256					15.8			
93+07.90 to 93+16.96	RT	15261					15.8			
463+64.09 to 463+69.00	RT	90319					11.4			
464+14.75 to 464+18.25	RT	90318					10.2			
SUB-TOTAL:							343.3			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-52

SUMMARY OF PERMANENT DRIVEWAYS

LOCATION STA. @ ℄ OF DRIVEWAY	SIDE	AREA ID	MATERIAL CONCRETE (SY) 0522 2 P	 F	DESIGN NOTES	CONSTRUCTION REMARKS
11+81.97	RT	130591	24.3		STANLEY BELL	
26+56.12	LT	14603	36.1			
26+99.75	LT	14612	35.1			
29+83.69	LT	14619	31.6			
46+35.43	RT	14627	25.4		POND RD	
46+77.20	RT	14628	25.4		POND RD	
58+09.84	RT	14629	26.6			
70+47.59	RT	14631	48.9			
71+50.41	RT	14634	61.6			
73+80.34	RT	14637	65.1			
76+62.95	RT	14640	68.8			
78+08.22	RT	14644	75.7			
79+31.49	RT	14645	50.6			
80+21.31	LT	14646	88.2			
456+68.01	RT	133661	29.1			
464+18.64	RT	14602	12.2		NATOMA	
468+18.90	RT	90139	191.2			
469+72.49	RT	14592	146.6			
3+14.82	RT	133845	9.6		SABASTIAN	
3+43.02	RT	133838	8.4		SABASTIAN	
		SUB-TOTAL:	1060.5			
		TOTAL:	1061			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-53

SUMMARY OF DITCH PAVEMENT

LOCATION STA. TO STA.	SIDE	DITCH PAVEMENT 0524 1 1 SY P	 F	DESIGN NOTES	CONSTRUCTION REMARKS
470+05.00 to 473+50.00	LT	306.7		SR 500	
92+25.00 to 92+49.00	RT	9.2		SR 46	
93+50.00 to 94+00.00	RT	59.2		SR 46	
SUB-TOTAL:		375.1			
TOTAL:		375			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-54

SUMMARY OF GUARDRAIL

LOCATION	SIDE	GUARDRAIL ROADWAY		GUARDRAIL SHOP-BENT PANELS		SPECIAL GUARDRAIL POST		GUARDRAIL REMOVAL		END ANCHORAGE ASSEMBLY FLARED		END ANCHORAGE ASSEMBLY TYPE II		END ANCHORAGE ASSEMBLY TYPE CRT		DESIGN NOTES	CONSTRUCTION REMARKS
		0536 1 1		0536 2		0536 7		0536 73		0536 85 22		0536 85 25		0536 85 26			
STA. TO STA.		LF		LF		EA		LF		EA		EA		EA			
		P	F	P	F	P	F	P	F	P	F	P	F	P	F		
423+46.70	RT									1							
423+46.70 TO 425+27.95	RT	181.3															
424+82.98 TO 425+12.95	RT					5.0											
425+27.95	RT											1					
424+00.68	LT											1					
424+00.68 TO 424+28.81	LT	28.1															
424+28.81 TO 425+41.31	LT	112.5															
424+69.98 TO 425+00.25	LT					5.0											
425+41.31 TO 426+06.93	LT	65.6															
426+06.93	LT									1							
424+67.04	LT											1					
424+67.04 TO 426+48.29	LT	181.3															
424+82.92 TO 425+12.99	LT					5.0											
426+48.29	LT									1							
424+04.82	RT													1			
424+04.82 TO 424+05.24	RT	15.9															
424+05.24 TO 424+29.51	RT			37.5													
424+29.51 TO 424+54.52	RT	25.0															
424+54.52 TO 425+67.02	RT	112.5															
424+95.71 TO 425+25.79	RT					5.0											
425+67.02 TO 425+95.14	RT	28.1															
425+95.14	RT											1					
423+46.79 TO 425+52.89	RT							206.1									
424+03.49 TO 425+42.90	RT							157.7									
424+42.55 TO 426+58.17	LT							215.6									
424+53.10 TO 426+56.03	LT							202.9									
SUB-TOTAL:		750		38		20		782		3		4		1			
TOTAL:		750		38		20		782		3		4		1			

SUMMARY OF FENCING

PAY ITEM NO.	DESCRIPTION	LOCATION STA. TO STA.	SIDE	UNIT	QUANTITY P	QUANTITY F	TOTAL P	TOTAL F	DESIGN NOTES	CONSTRUCTION REMARKS
0550 10220	FENCING, TYPE B, 5.1-6.0', STANDARD	220+43.55 TO 225+10.71	RT	LF	1117.5		1118		POND WB441-1-4	
0550 60235	FENCE GATE, TYPE B, SLIDING/CANTILEVER,	225+10.71	RT	EA	1.0		1		POND WB441-1-4	
	20.1-24' OPENING									

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-55

jcapra 3/28/2016 10:26:02 AM P:\7844-Wekiva3B\23827525201\roadway\sumqrd01.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF PERFORMANCE TURF

LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	PERFORMANCE TURF 0570 1 1 SY P	PERFORMANCE TURF 0570 1 1 SY F	PERFORMANCE TURF (SOD) 0570 1 2 SY P	PERFORMANCE TURF (SOD) 0570 1 2 SY F	PREPARED SOIL LAYER 0162 1 11 SY P	PREPARED SOIL LAYER 0162 1 11 SY F	DESIGN NOTES	CONSTRUCTION REMARKS
405+90.98 to 406+80.60	RT	116646							29.8			
407+17.44 to 409+60.00	RT	116635							80.3			
407+17.44 to 409+60.00	RT	86163							80.3			
409+60.00 to 410+11.89	RT	116629							16.7			
409+60.00 to 410+11.89	RT	86157							16.7			
417+59.73 to 420+40.00	LT	116653							89.9			
420+40.00 to 421+45.55	LT	86150							35.4			
420+40.00 to 421+45.55	LT	116622							35.4			
24+71.98 to 24+89.32	RT	119225			12.9							
24+73.27 to 24+81.94	LT	119037			1.9							
24+85.46 to 24+92.90	LT	119043			34.4							
25+05.32 to 26+13.82	RT	119230			77.8							
25+19.39 to 25+24.49	LT	119052			8.3							
25+28.20 to 25+44.66	LT	119057			4.7							
26+29.83 to 27+40.00	RT	119240			75.7							
27+40.00 to 27+42.01	RT	119253			1.8							
27+79.63 to 32+64.53	RT	119258			381.9							
27+96.96 to 27+99.17	LT	119063			0.3							
28+51.70 to 29+67.49	LT	119067			50.1							
31+09.65 to 32+80.00	LT	120573			581.8							
31+14.89 to 31+17.80	LT	119077			3.1							
31+19.24 to 31+21.89	LT	119096			0.7							
31+25.42 to 31+36.38	LT	119086			34.7							
31+57.52 to 31+64.78	LT	119101			22.2							
31+72.74 to 31+76.62	LT	119082			1.0							
31+74.57 to 31+92.59	LT	120560			2.9							
32+80.00 to 34+49.36	LT	120564			595.5							
33+01.55 to 33+49.58	LT	119013			155.6							
33+23.41 to 34+39.03	RT	118878			689.8							
33+64.74 to 33+74.52	LT	119482			7.1							
34+48.75 to 34+93.48	LT	120860			265.4							
36+34.21 to 38+14.02	RT	120865			417.9							
36+45.36 to 38+20.00	RT	120877			899.4							
37+04.16 to 38+20.00	LT	120410			605.0							
37+20.39 to 37+32.05	RT	120873			2.3							
37+32.72 to 37+87.97	RT	118907			727.2							
37+34.30 to 38+16.76	RT	130897			60.2							
37+38.98 to 42+29.23	RT	130795			3929.6							
38+13.15 to 41+97.01	RT	130846			566.1							
38+17.81 to 38+60.78	RT	130893			16.8							
38+19.45 to 43+60.00	RT	120593			3201.9							
38+19.99 to 38+66.49	LT	120417			57.8							
38+60.78 to 40+96.62	RT	130838			329.9							
38+92.62 to 43+60.00	LT	120604			1687.8							
39+26.62 to 41+65.61	RT	118938			3661.6							
41+88.46 to 42+10.24	RT	130878			39.1							
41+89.24 to 42+05.68	RT	130889			20.1							
41+97.80 to 42+30.32	RT	130862			101.5							
				SUB-TOTAL:	19333.8				384.5			
				TOTAL:	117217		128478		384			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-56

SUMMARY OF PERFORMANCE TURF

LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	PERFORMANCE TURF 0570 1 1 SY P	PERFORMANCE TURF 0570 1 1 SY F	PERFORMANCE TURF (SOD) 0570 1 2 SY P	PERFORMANCE TURF (SOD) 0570 1 2 SY F	PREPARED SOIL LAYER 0162 1 11 SY P	PREPARED SOIL LAYER 0162 1 11 SY F	DESIGN NOTES	CONSTRUCTION REMARKS
42+08.41 to 42+31.44	RT	130872			67.8							
42+30.54 to 43+60.00	RT	119276			207.3							
43+14.05 to 43+35.00	RT	119284			46.3							
43+14.05 to 44+67.08	RT	119289			149.6							
43+60.00 to 46+52.52	RT	119343			375.8							
43+83.94 to 45+08.65	RT	119024			424.7							
44+62.90 to 46+30.71	RT	119374			891.9							
44+84.69 to 45+38.26	RT	119029			116.8							
45+28.44 to 45+28.44	LT	120618			1847.1							
45+67.38 to 46+40.97	RT	119331			40.8							
46+43.98 to 46+83.50	RT	119401			110.6							
46+67.32 to 49+00.00	RT	119361			136.2							
47+25.64 to 49+00.00	RT	119298			385.6							
47+29.02 to 49+00.00	LT	120641			339.7							
47+78.78 to 52+69.64	RT	120821			6322.2							
49+00.00 to 54+40.00	RT	119416			136.5							
49+00.00 to 54+40.00	RT	119307			1082.6							
49+00.00 to 54+40.00	LT	119111			1570.3							
54+40.00 to 55+82.65	RT	119323			84.8							
54+40.00 to 59+80.00	RT	136028			627.8							
54+40.00 to 59+80.00	LT	119128			1590.0							
57+38.72 to 59+54.71	RT	120835			930.9							
57+52.45 to 59+44.20	RT	120828			1534.9							
59+80.00 to 64+43.28	LT	120651			1292.1							
59+80.00 to 65+20.00	RT	120779			630.9							
65+20.00 to 68+03.23	RT	136051			185.2							
68+40.16 to 70+39.41	RT	136063			169.0							
70+55.76 to 70+60.00	RT	120756			6.1							
70+60.00 to 71+40.18	RT	120753			80.1							
71+60.64 to 73+70.12	RT	120745			132.5							
73+90.57 to 76+00.00	RT	120736			171.3							
74+53.78 to 74+84.63	LT	120663			8.1							
74+84.69 to 74+86.34	LT	120671			0.5							
75+29.38 to 75+38.89	LT	136080			66.8							
75+43.14 to 76+00.00	LT	120675			28.8							
76+00.00 to 76+52.74	RT	120731			39.4							
76+00.00 to 80+09.31	LT	120684			769.4							
76+73.18 to 77+97.22	RT	119428			110.0							
78+19.22 to 79+24.47	RT	119436			62.6							
79+38.51 to 81+40.00	RT	119443			112.3							
79+86.51 to 80+14.81	LT	119468			30.8							
80+33.31 to 81+40.00	LT	119157			241.0							
81+28.58 to 81+40.00	LT	120840			30.1							
81+37.22 to 84+50.12	LT	120848			7630.2							
81+40.00 to 82+43.37	RT	120724			92.5							
81+40.00 to 84+17.34	LT	120843			1067.4							
81+40.00 to 86+80.00	LT	119162			1376.7							
83+17.29 to 86+80.00	RT	120710			203.8							
86+80.00 to 92+20.00	RT	119452			511.4							
				SUB-TOTAL:	34069.2							

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-57

SUMMARY OF PERFORMANCE TURF

LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	PERFORMANCE TURF 0570 1 1 SY P	PERFORMANCE TURF 0570 1 1 SY F	PERFORMANCE TURF (SOD) 0570 1 2 SY P	PERFORMANCE TURF (SOD) 0570 1 2 SY F	PREPARED SOIL LAYER 0162 1 11 SY P	PREPARED SOIL LAYER 0162 1 11 SY F	DESIGN NOTES	CONSTRUCTION REMARKS
86+80.00 to 92+20.00	LT	119173			2116.6							
91+42.00 to 91+84.61	LT	119197			182.3							
91+42.00 to 94+53.57	LT	119204			1313.6							
92+03.78 to 92+20.00	LT	118972			32.0							
92+20.00 to 92+48.30	RT	120706			29.9							
92+20.00 to 94+00.00	LT	119190			282.1							
92+20.00 to 94+03.74	LT	118960			991.5							
92+34.89 to 94+10.68	LT	118951			1694.8							
92+48.56 to 92+53.65	RT	120702			2.3							
92+95.08 to 94+00.00	RT	120698			58.8							
212+72.03 to 213+52.25	RT	120547			41.0							
212+72.03 to 216+72.03	LT	120540			1178.3							
214+86.91 to 216+72.03	RT	120554			92.1							
403+84.15 to 405+61.59	RT	119707			52.6							
403+87.53 to 409+60.00	LT	120137			169.6							
405+30.53 to 409+54.81	LT	119674			125.6							
405+30.77 to 409+56.05	RT	119687			130.1							
405+61.56 to 406+80.28	RT	119662			41.7							
405+61.56 to 406+87.23	RT	119592			73.7							
407+10.73 to 409+60.00	RT	119601			93.4							
407+19.55 to 409+60.00	RT	120148			71.0							
409+60.00 to 410+11.56	RT	120131			14.8							
409+60.00 to 410+14.18	RT	119615			12.9							
409+60.00 to 415+00.00	LT	120047			160.0							
409+99.50 to 415+00.00	RT	120091			149.1							
411+18.36 to 415+00.00	RT	120077			113.2							
411+20.38 to 415+00.00	LT	120064			112.6							
411+85.00 to 413+85.00	LT/RT	120159			254.4							
415+00.00 to 415+55.28	RT	120031			16.4							
415+00.00 to 415+56.50	LT	120037			17.4							
415+00.00 to 417+01.27	RT	119990			66.5							
415+00.00 to 417+12.34	LT	119947			83.1							
417+25.64 to 420+40.00	RT	119820			100.6							
417+36.71 to 420+40.00	LT	119890			102.7							
417+39.38 to 420+40.00	LT	119486			425.4							
418+92.91 to 420+40.00	LT	119863			43.6							
418+93.38 to 420+40.00	RT	119854			43.4							
420+40.00 to 421+45.76	LT	119499			34.9							
420+40.00 to 421+45.76	LT	119813			31.5							
420+40.00 to 425+73.21	LT	119752			158.4							
420+40.00 to 425+73.34	RT	119775			158.7							
420+40.00 to 425+80.00	RT	119801			160.0							
421+45.55 to 425+80.00	LT	119733			128.8							
425+80.00 to 426+54.44	LT	119726			21.4							
425+80.00 to 427+00.00	RT	119720			35.6							
426+50.00 to 428+50.00	LT	119508			91.4							
426+54.70 to 427+31.73	RT	119622			67.9							
427+98.61 to 431+20.00	RT	120812			914.8							
428+50.00 to 431+20.00	LT	119526			1214.6							
				SUB-TOTAL:	13507.1							

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-58

SUMMARY OF PERFORMANCE TURF

LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	PERFORMANCE TURF 0570 1 1 SY P	PERFORMANCE TURF 0570 1 1 SY F	PERFORMANCE TURF (SOD) 0570 1 2 SY P	PERFORMANCE TURF (SOD) 0570 1 2 SY F	PREPARED SOIL LAYER 0162 1 11 SY P	PREPARED SOIL LAYER 0162 1 11 SY F	DESIGN NOTES	CONSTRUCTION REMARKS
431+20.00 to 436+55.40	RT	119633			1876.6							
431+20.00 to 436+60.00	LT	119537			1909.9							
436+60.00 to 437+52.96	LT	119553			412.6							
436+60.05 to 438+80.04	RT	130917			337.4							
436+60.05 to 439+39.43	RT	130925			520.1							
437+89.37 to 441+77.73	RT	118914			1644.4							
437+98.87 to 441+99.99	LT	118890			1675.3							
438+80.04 to 442+00.00	RT	130904			825.8							
440+39.37 to 441+99.99	LT	118903			429.3							
444+46.85 to 449+00.00	RT	120397			4585.8							
445+40.00 to 445+77.83	RT	120420			38.7							
445+40.00 to 450+80.00	LT	120519			2993.4							
448+99.78 to 450+80.00	RT	120421			1017.7							
449+21.67 to 450+85.43	LT	120515			179.4							
450+78.08 to 455+57.92	LT	120506			1405.5							
450+80.00 to 456+20.00	RT	120429			2868.4							
450+80.00 to 456+20.00	LT	120497			2084.1							
456+20.00 to 461+60.00	LT	120220			1718.4							
456+20.00 to 461+60.00	RT	120170			3470.9							
461+60.00 to 463+66.67	RT	120444			1111.6							
461+60.00 to 467+00.00	LT	120204			3251.7							
463+55.68 to 463+64.92	RT	120187			73.5							
464+18.18 to 464+28.90	RT	120198			24.9							
464+20.41 to 464+70.23	RT	119649			62.8							
464+21.48 to 467+00.00	RT	120449			1313.1							
464+64.24 to 464+70.23	RT	119657			2.7							
464+93.58 to 467+54.24	RT	118977			8679.1							
465+22.50 to 467+00.00	RT	119005			205.1							
467+00.00 to 467+64.39	RT	118995			83.7							
467+00.00 to 468+38.05	RT	120458			495.6							
467+00.00 to 472+40.00	LT	119560			1147.9							
468+55.76 to 469+60.49	RT	120465			162.4							
469+83.89 to 472+40.00	RT	120473			596.1							
472+40.00 to 477+50.00	LT	119577			1227.8							
474+95.00 to 474+95.00	RT	120480			1261.4							
24+70.00 to 24+81.94	LT	37112					2.8					
24+70.00 to 24+91.32	RT	94225					10.2					
24+81.17 to 24+81.17	LT	36939					21.9					
24+85.63 to 24+96.91	LT	37119					26.4					
25+03.32 to 26+15.82	RT	94228					40.3					
25+15.33 to 25+24.41	LT	37132					13.6					
25+21.21 to 25+24.34	LT	37142					3.1					
25+24.33 to 26+50.11	LT	35712					139.1					
25+28.19 to 25+50.00	LT	37149					5.8					
26+27.83 to 27+40.00	RT	94251					41.6					
26+62.11 to 26+93.78	LT	35456					26.6					
27+05.78 to 27+40.00	LT	35451					26.1					
27+40.00 to 27+46.01	RT	94245					7.6					
SUB-TOTAL:					51890.4		365.1					

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-59

SUMMARY OF PERFORMANCE TURF

LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	PERFORMANCE TURF 0570 1 1 SY P	PERFORMANCE TURF 0570 1 1 SY F	PERFORMANCE TURF (SOD) 0570 1 2 SY P	PERFORMANCE TURF (SOD) 0570 1 2 SY F	PREPARED SOIL LAYER 0162 1 11 SY P	PREPARED SOIL LAYER 0162 1 11 SY F	DESIGN NOTES	CONSTRUCTION REMARKS
27+40.00 to 28+05.01	LT	35721					49.8					
27+75.65 to 32+80.00	RT	92730					154.7					
27+95.17 to 28+01.17	LT	37157					2.0					
28+04.92 to 28+14.48	LT	37164					58.8					
28+33.98 to 28+45.29	LT	37181					56.3					
28+49.70 to 29+72.88	LT	35728					28.0					
29+94.49 to 32+80.00	LT	37197					84.8					
29+97.20 to 30+17.54	LT	35459					5.3					
30+22.26 to 30+86.55	LT	35457					14.7					
30+25.04 to 30+25.04	RT	35694					501.2					
31+17.50 to 31+82.16	LT	36442					138.9					
31+17.75 to 31+21.81	LT	37529					7.2					
31+25.42 to 31+28.81	LT	36452					4.4					
31+26.50 to 31+80.18	LT	36431					64.8					
31+61.19 to 31+64.61	LT	36453					4.9					
31+68.60 to 31+72.79	LT	37536					7.2					
32+38.72 to 32+80.00	LT	39561					144.0					
32+53.01 to 32+80.00	LT	35223					98.9					
32+79.84 to 34+84.37	RT	39123					933.6					
32+80.00 to 33+07.10	LT	39580					38.5					
32+80.00 to 34+54.14	LT	92548					78.0					
32+80.00 to 34+87.04	RT	92748					85.4					
33+33.79 to 33+33.79	LT	36730					709.3					
33+78.98 to 33+78.98	RT	36774					761.7					
34+27.47 to 34+60.14	RT	36011					24.2					
34+27.50 to 34+57.64	LT	88999					14.4					
34+65.02 to 34+94.08	LT	89005					65.5					
34+65.14 to 34+78.75	RT	36015					12.1					
34+74.25 to 35+00.28	RT	36029					87.7					
36+01.15 to 36+38.05	LT	89638					29.0					
36+17.80 to 36+28.17	RT	89260					80.5					
36+21.86 to 36+41.50	RT	88921					23.0					
36+28.47 to 36+31.47	LT	89681					0.8					
36+30.28 to 37+11.03	LT	92532					445.4					
36+30.91 to 38+20.00	RT	92684					84.9					
36+46.50 to 36+94.55	RT	89341					23.4					
36+50.00 to 36+64.28	LT	37057					3.6					
36+52.23 to 36+52.23	LT	89770					482.2					
36+69.50 to 37+64.17	LT	89657					46.9					
36+91.23 to 37+20.39	RT	94520					6.3					
36+95.51 to 36+99.51	RT	89310					1.4					
37+00.01 to 38+17.06	RT	89338					38.3					
37+01.46 to 38+19.99	LT	92564					54.9					
37+25.54 to 38+20.00	LT	89637					31.5					
38+19.99 to 38+72.04	LT	89500					14.6					
38+20.00 to 38+60.00	RT	92702					11.9					
38+20.00 to 39+44.59	LT	89621					40.5					
38+22.50 to 43+60.00	RT	89474					183.6					
SUB-TOTAL:							5839.0					

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-60

SUMMARY OF PERFORMANCE TURF

LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	PERFORMANCE TURF 0570 1 1 SY P	PERFORMANCE TURF 0570 1 1 SY F	PERFORMANCE TURF (SOD) 0570 1 2 SY P	PERFORMANCE TURF (SOD) 0570 1 2 SY F	PREPARED SOIL LAYER 0162 1 11 SY P	PREPARED SOIL LAYER 0162 1 11 SY F	DESIGN NOTES	CONSTRUCTION REMARKS
38+41.50 to 43+60.00	LT/RT	89465					986.2					
38+60.00 to 43+60.00	RT	92703					153.0					
38+91.45 to 43+60.00	LT	92765					132.8					
39+50.29 to 40+39.29	LT	89626					27.3					
40+40.89 to 40+40.89	RT	36672					4284.8					
40+45.35 to 41+94.03	LT	89629					46.8					
40+96.62 to 41+89.23	RT	35420					73.9					
41+95.96 to 41+98.04	LT	89579					0.3					
41+99.60 to 43+60.00	LT	89630					51.4					
43+25.08 to 43+60.00	RT	35248					154.9					
43+60.00 to 44+70.56	LT/RT	36838					189.1					
43+60.00 to 45+36.93	LT	36270					56.0					
43+60.00 to 45+86.50	RT	35252					1117.7					
43+60.00 to 46+63.34	RT	89480					103.0					
43+60.00 to 46+74.31	RT	92756					98.5					
43+60.00 to 46+99.55	LT	92790					125.2					
44+13.24 to 44+13.24	RT	36572					941.9					
45+27.74 to 45+27.74	RT	36556					781.5					
45+42.60 to 46+71.93	LT	35704					40.7					
45+50.76 to 46+25.70	RT	37413					62.9					
45+64.98 to 46+44.65	RT	37399					55.4					
46+20.43 to 46+30.41	RT	36397					6.7					
46+29.15 to 46+34.49	RT	36392					1.2					
46+30.71 to 46+38.51	RT	36387					5.3					
46+40.85 to 46+50.49	RT	37384					14.8					
46+46.60 to 46+56.78	RT	37434					5.5					
46+47.94 to 46+55.95	RT	37374					6.7					
46+55.98 to 47+42.23	RT	39292					430.3					
46+57.58 to 46+66.11	RT	36373					6.6					
46+74.61 to 46+90.86	RT	37323					13.4					
46+77.60 to 46+85.28	LT	35709					1.8					
46+79.78 to 47+29.07	LT/RT	35210					51.9					
46+83.12 to 46+95.72	LT	37206					3.7					
46+83.50 to 49+00.00	RT	39265					785.2					
46+91.91 to 53+65.70	RT	39282					2709.2					
47+09.13 to 47+46.62	LT	37211					43.0					
47+10.97 to 49+00.00	RT	37311					59.5					
47+23.64 to 49+00.00	RT	92805					57.3					
47+23.64 to 49+00.00	RT	36317					39.2					
47+25.22 to 47+55.43	LT	36454					27.8					
47+32.91 to 49+00.00	LT	35939					36.9					
47+42.17 to 48+65.17	LT	35944					19.8					
47+55.22 to 49+00.00	RT	36795					223.9					
48+72.50 to 49+00.00	LT	35693					4.6					
49+00.00 to 50+08.52	LT	35690					17.8					
49+00.00 to 50+11.64	RT	37356					32.3					
49+00.00 to 53+17.94	RT	36799					1494.5					
49+00.00 to 53+97.07	RT	39272					1295.3					
SUB-TOTAL:							16877.5					

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-61

SUMMARY OF PERFORMANCE TURF

LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	PERFORMANCE TURF 0570 1 1 SY P	PERFORMANCE TURF 0570 1 1 SY F	PERFORMANCE TURF (SOD) 0570 1 2 SY P	PERFORMANCE TURF (SOD) 0570 1 2 SY F	PREPARED SOIL LAYER 0162 1 11 SY P	PREPARED SOIL LAYER 0162 1 11 SY F	DESIGN NOTES	CONSTRUCTION REMARKS
49+00.00 to 54+40.00	RT	36300					160.2					
49+00.00 to 54+40.00	RT	36310					120.5					
49+00.00 to 54+40.00	LT	35932					160.5					
49+48.52 to 52+68.57	LT/RT	36866					571.1					
50+15.35 to 53+12.04	LT	35686					94.5					
50+16.32 to 50+16.32	RT	36810					5193.9					
50+17.50 to 53+11.70	RT	37351					86.4					
53+17.50 to 54+40.00	LT	35685					40.8					
53+17.50 to 54+40.00	RT	37345					36.3					
54+25.76 to 61+19.05	RT	39348					3710.1					
54+40.00 to 55+28.96	RT	37340					25.7					
54+40.00 to 56+97.04	LT	35657					84.9					
54+40.00 to 55+30.77	RT	135664					45.4					
54+40.00 to 58+04.01	RT	135707					108.4					
54+40.00 to 59+80.00	LT	35911					160.2					
54+45.64 to 60+86.89	RT	35379					13538.1					
54+86.02 to 59+80.00	LT/RT	36873					939.7					
55+34.10 to 57+01.56	RT	135674					92.0					
55+34.25 to 55+82.69	RT	37333					14.2					
56+18.13 to 57+01.05	RT	39296					340.8					
56+28.44 to 56+75.68	RT	35373					190.4					
56+78.58 to 60+22.56	RT	39328					1295.1					
57+01.05 to 59+97.97	RT	35402					1981.1					
57+02.96 to 59+80.00	LT	35653					91.6					
57+05.54 to 58+03.01	RT	135691					49.9					
58+15.22 to 59+80.00	RT	135719					88.5					
58+15.83 to 59+80.00	RT	135729					48.8					
58+43.03 to 58+43.03	RT	36590					1698.9					
59+80.00 to 59+97.97	RT	35398					162.7					
59+80.00 to 59+93.23	RT	135735					6.2					
59+80.00 to 61+97.10	LT	35637					71.9					
59+80.00 to 64+70.00	LT	35904					147.3					
59+80.00 to 65+20.00	RT	135771					158.1					
59+80.00 to 65+20.00	LT/RT	36880					1050.0					
59+96.85 to 60+26.27	RT	135742					13.4					
59+97.97 to 61+74.98	RT	39314					762.1					
60+20.86 to 61+66.40	RT	135753					32.7					
60+22.56 to 61+20.78	RT	35366					684.0					
62+02.88 to 65+20.00	LT	35632					107.0					
65+20.00 to 67+97.49	RT	135792					80.1					
65+20.00 to 70+60.00	LT	35623					180.0					
65+20.00 to 70+60.00	LT/RT	36887					1050.0					
65+55.00 to 67+46.98	RT	35613					61.0					
67+53.01 to 67+85.65	RT	135802					8.7					
68+45.01 to 70+39.41	RT	135819					56.1					
68+54.20 to 69+07.45	RT	135809					16.4					
69+13.02 to 70+36.02	RT	35602					38.0					
70+55.76 to 70+60.00	RT	35868					0.9					
SUB-TOTAL:							35654.6					

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-62

SUMMARY OF PERFORMANCE TURF

LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	PERFORMANCE TURF 0570 1 1 SY P	PERFORMANCE TURF 0570 1 1 SY F	PERFORMANCE TURF (SOD) 0570 1 2 SY P	PERFORMANCE TURF (SOD) 0570 1 2 SY F	PREPARED SOIL LAYER 0162 1 11 SY P	PREPARED SOIL LAYER 0162 1 11 SY F	DESIGN NOTES	CONSTRUCTION REMARKS
70+60.00 to 71+36.80	RT	35586					22.4					
70+60.00 to 71+40.19	RT	35858					17.4					
70+60.00 to 72+62.86	LT/RT	36892					369.0					
70+60.00 to 74+74.99	LT	35591					137.7					
71+60.63 to 73+70.12	RT	94157					60.8					
71+64.02 to 72+46.98	RT	35581					24.9					
72+53.02 to 72+97.45	RT	35576					13.8					
73+03.02 to 73+66.73	RT	35571					18.6					
73+90.56 to 76+00.00	RT	94153					60.8					
73+93.95 to 74+17.45	RT	35558					6.2					
74+23.01 to 76+00.00	RT	35565					57.1					
74+53.39 to 74+89.85	LT	37216					15.7					
74+73.13 to 74+75.17	LT	36414					0.1					
74+85.47 to 74+90.39	LT	36409					1.0					
74+88.77 to 75+00.13	LT	41045					47.3					
75+25.61 to 75+28.92	LT	135834					2.4					
75+26.82 to 75+37.31	LT	135871					7.8					
75+26.88 to 75+29.42	LT	135840					2.3					
75+36.41 to 76+00.00	LT	94059					21.0					
75+36.94 to 75+41.60	LT	35831					0.9					
75+52.01 to 76+00.00	LT	41075					16.5					
76+00.00 to 76+49.34	RT	35553					14.7					
76+00.00 to 76+52.74	RT	94150					15.3					
76+00.00 to 77+82.04	LT	35537					60.7					
76+00.00 to 80+09.31	LT	94066					122.2					
76+73.17 to 77+97.22	RT	94142					36.5					
76+76.57 to 77+77.05	RT	35520					31.0					
77+63.39 to 81+40.00	LT/RT	40021					706.7					
77+82.50 to 77+93.89	RT	35519					2.3					
77+87.49 to 78+97.04	LT	35532					35.7					
78+19.22 to 79+24.47	RT	35837					31.2					
78+22.55 to 78+97.04	RT	35515					22.6					
78+85.18 to 82+13.44	LT	39444					2521.5					
78+94.78 to 82+03.58	LT	35431					11736.8					
79+02.96 to 79+21.14	RT	35512					3.8					
79+02.96 to 80+05.97	LT	35529					32.1					
79+37.55 to 79+78.07	LT	39429					69.9					
79+38.51 to 81+40.00	RT	35800					59.8					
79+40.00 to 79+97.16	LT	35424					316.2					
79+41.84 to 81+40.00	RT	35511					64.6					
79+86.51 to 80+00.75	LT	39439					12.9					
80+33.31 to 81+40.00	LT	39588					31.7					
80+33.31 to 81+40.00	LT	39421					117.9					
80+34.81 to 80+82.58	LT	39505					78.7					
80+36.64 to 81+40.00	LT	35528					33.0					
80+67.93 to 81+40.00	LT	36536					599.6					
80+79.44 to 85+40.60	LT	39400					1344.0					
81+40.00 to 82+31.61	RT	35508					29.3					
81+40.00 to 82+47.77	RT	94131					38.5					
SUB-TOTAL:							19072.9					

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-63

SUMMARY OF PERFORMANCE TURF

LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	PERFORMANCE TURF 0570 1 1 SY P	PERFORMANCE TURF 0570 1 1 SY F	PERFORMANCE TURF (SOD) 0570 1 2 SY P	PERFORMANCE TURF (SOD) 0570 1 2 SY F	PREPARED SOIL LAYER 0162 1 11 SY P	PREPARED SOIL LAYER 0162 1 11 SY F	DESIGN NOTES	CONSTRUCTION REMARKS
81+40.00 to 82+99.43	LT/RT	36916					289.2					
81+40.00 to 83+97.04	LT	35503					84.7					
81+40.00 to 84+69.65	LT	36495					1968.6					
81+40.00 to 84+86.98	LT	39391					239.6					
81+40.00 to 86+80.00	LT	39593					160.2					
82+93.92 to 82+93.92	LT	36509					4898.6					
83+12.62 to 86+80.00	RT	94116					115.7					
83+28.91 to 83+97.04	RT	35484					20.7					
84+02.96 to 86+80.00	LT	35499					91.6					
84+02.96 to 86+80.00	RT	35481					91.6					
86+26.88 to 86+80.00	LT/RT	36923					77.7					
86+80.00 to 86+97.50	LT	35498					5.8					
86+80.00 to 86+97.51	RT	35480					5.8					
86+80.00 to 92+20.00	LT/RT	36929					1050.0					
86+80.00 to 92+20.00	LT	39598					160.2					
86+80.00 to 92+20.00	RT	35782					160.2					
87+02.96 to 92+20.00	RT	35475					171.2					
87+02.96 to 92+20.00	LT	35494					171.2					
91+67.00 to 92+20.00	LT	35329					512.8					
91+84.61 to 94+53.48	LT	35348					2003.4					
92+20.00 to 92+26.37	RT	35471					0.7					
92+20.00 to 92+34.89	LT	35324					20.3					
92+20.00 to 92+39.84	RT	35776					5.4					
92+20.00 to 93+27.50	LT	35493					35.9					
92+20.00 to 94+00.00	LT	39604					53.4					
92+20.00 to 94+00.00	LT/RT	36934					350.0					
92+20.00 to 94+47.37	LT	36542					1183.8					
92+32.96 to 92+60.63	RT	94106					45.6					
92+80.85 to 93+10.38	RT	94087					46.6					
93+06.75 to 94+00.00	RT	35770					27.2					
93+16.96 to 93+27.51	RT	35463					1.8					
93+32.96 to 94+00.00	LT	35489					21.6					
93+32.96 to 94+00.00	RT	35467					21.6					
403+87.53 to 409+60.00	LT	38405					169.6					
403+99.00 to 406+80.28	RT	38432					89.0					
405+30.39 to 409+55.09	LT	38962					125.9					
405+30.83 to 409+56.00	RT	38948					130.1					
407+19.55 to 409+60.00	RT	38450					71.0					
409+60.00 to 410+09.86	LT	38368					24.9					
409+60.00 to 410+11.56	RT	38456					14.8					
410+54.65 to 413+83.72	LT	38226					104.3					
411+18.13 to 415+00.00	RT	38924					113.3					
411+20.06 to 415+00.00	LT	38906					112.6					
411+47.95 to 412+77.02	RT	38463					38.4					
413+36.55 to 415+00.00	RT	38486					48.2					
415+00.00 to 415+56.17	RT	38891					16.9					
415+00.00 to 415+56.50	LT	38882					17.4					
415+00.00 to 417+01.26	RT	38495					66.5					
415+81.34 to 417+12.34	LT	38240					58.2					
SUB-TOTAL:							15293.8					

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-64

SUMMARY OF PERFORMANCE TURF

LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	PERFORMANCE TURF 0570 1 1 SY P	PERFORMANCE TURF 0570 1 1 SY F	PERFORMANCE TURF (SOD) 0570 1 2 SY P	PERFORMANCE TURF (SOD) 0570 1 2 SY F	PREPARED SOIL LAYER 0162 1 11 SY P	PREPARED SOIL LAYER 0162 1 11 SY F	DESIGN NOTES	CONSTRUCTION REMARKS
417+25.64 to 420+18.31	RT	38545					93.8					
417+36.71 to 420+40.00	LT	38304					105.8					
417+64.57 to 420+40.00	LT/RT	38684					164.5					
420+40.00 to 424+53.11	LT	38341					123.6					
420+40.00 to 425+73.99	RT	38620					158.4					
420+40.00 to 425+74.43	LT	38651					158.6					
420+48.86 to 423+70.78	RT	38594					94.8					
425+51.56 to 425+80.00	RT	38606					8.4					
425+80.00 to 427+00.00	RT	38613					35.6					
426+65.11 to 426+99.99	LT	38362					10.3					
427+00.00 to 431+20.00	LT	92707					120.9					
427+00.00 to 431+20.00	LT	92720					378.3					
427+98.61 to 431+20.00	RT	92663					95.3					
427+98.61 to 431+20.00	RT	92677					272.4					
431+19.99 to 436+60.00	RT	35965					160.2					
431+20.00 to 436+60.00	LT	36037					495.0					
431+20.00 to 436+60.00	RT	35985					495.0					
431+20.00 to 436+60.00	LT	36003					160.2					
432+25.66 to 436+60.00	LT/RT	92459					591.2					
436+60.00 to 439+18.60	LT/RT	92460					347.1					
436+60.00 to 442+00.00	LT	36024					491.4					
436+60.00 to 442+00.00	RT	89800					160.2					
436+60.00 to 442+00.00	RT	88997					495.0					
436+60.00 to 442+00.00	LT	36007					140.1					
436+84.33 to 442+00.00	RT	35259					1878.3					
437+52.96 to 439+65.50	LT	39153					413.8					
438+01.15 to 442+00.00	LT	39145					734.9					
439+08.02 to 442+00.00	LT	39139					406.5					
439+39.38 to 441+95.95	RT	35309					716.0					
439+65.50 to 442+00.02	LT	36709					485.8					
439+88.15 to 439+88.15	LT	36756					1530.0					
441+95.95 to 442+00.00	RT	94515					4.8					
444+44.22 to 444+47.56	RT	89492					6.8					
445+01.01 to 449+06.84	LT	92643					122.6					
445+40.00 to 445+54.95	RT	89799					6.5					
445+40.00 to 445+83.38	RT	92451					12.2					
445+40.00 to 446+06.68	LT	35234					289.1					
445+40.00 to 446+22.80	LT	39570					77.8					
445+40.00 to 446+94.33	RT	92529					747.3					
445+77.83 to 448+99.78	RT	92446					95.8					
445+93.76 to 448+99.77	RT	92524					1098.3					
447+78.84 to 450+80.00	LT/RT	89824					395.0					
448+31.18 to 450+80.00	RT	92520					314.2					
448+99.77 to 450+80.00	RT	92440					54.0					
449+12.38 to 450+84.76	LT	92430					50.1					
449+29.25 to 450+84.01	LT	92419					51.5					
450+80.00 to 456+20.00	LT/RT	38994					750.0					
450+80.00 to 456+20.00	RT	92157					495.0					
SUB-TOTAL:							16092.4					

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-65

SUMMARY OF PERFORMANCE TURF

LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	PERFORMANCE TURF 0570 1 1 SY P	PERFORMANCE TURF 0570 1 1 SY F	PERFORMANCE TURF (SOD) 0570 1 2 SY P	PERFORMANCE TURF (SOD) 0570 1 2 SY F	PREPARED SOIL LAYER 0162 1 11 SY P	PREPARED SOIL LAYER 0162 1 11 SY F	DESIGN NOTES	CONSTRUCTION REMARKS
450+80.00 to 456+20.00	RT	92162					160.2					
450+83.71 to 456+20.00	LT	92414					304.0					
450+84.51 to 456+20.00	LT	36177					159.6					
456+20.00 to 461+60.00	RT	92281					486.2					
456+20.00 to 461+60.00	LT	92396					160.6					
456+20.00 to 461+60.00	LT/RT	38999					750.0					
456+20.00 to 461+60.00	RT	92166					160.6					
456+20.00 to 461+60.00	LT	92403					489.7					
461+60.00 to 463+55.38	RT	92307					164.7					
461+60.00 to 463+69.33	RT	92612					82.4					
461+60.00 to 464+19.97	LT/RT	39004					352.1					
461+60.00 to 467+00.00	LT	92393					495.0					
461+60.00 to 467+00.00	LT	92392					160.2					
463+60.50 to 463+67.60	RT	92615					37.7					
464+06.43 to 464+12.74	RT	36138					27.4					
464+10.74 to 464+13.29	RT	36139					2.7					
464+12.17 to 464+15.37	RT	92294					6.8					
464+13.07 to 464+20.41	RT	37544					36.7					
464+17.74 to 464+21.13	RT	37555					6.1					
464+18.81 to 467+00.00	RT	92596					98.5					
464+19.46 to 467+00.00	RT	92287					241.6					
464+30.79 to 468+39.18	RT	39523					2703.7					
464+31.95 to 464+81.18	RT	39533					1093.1					
464+59.16 to 465+02.21	RT	36630					1294.0					
464+93.37 to 465+22.50	RT	36639					548.1					
465+85.83 to 465+85.83	RT	36648					1264.4					
466+33.65 to 467+00.00	RT	39554					8.6					
466+43.35 to 466+43.35	RT	36612					3697.7					
467+00.00 to 468+04.14	RT	92351					86.8					
467+00.00 to 468+05.66	RT	36662					555.0					
467+00.00 to 468+12.88	RT	92573					32.4					
467+00.00 to 468+41.57	RT	39513					328.5					
467+00.00 to 472+40.00	LT	92365					160.2					
467+00.00 to 472+40.00	LT	92380					480.5					
468+40.05 to 469+60.49	RT	92356					100.3					
468+52.74 to 469+60.49	RT	92345					31.5					
468+95.50 to 468+95.50	LT	92471					462.5					
469+84.49 to 472+40.00	RT	92346					75.8					
469+84.49 to 472+40.00	RT	92360					229.3					
472+40.00 to 477+50.00	LT	36071					151.3					
472+40.00 to 477+50.00	RT	92388					464.0					
472+40.00 to 477+50.00	RT	92382					151.3					
472+40.00 to 477+50.00	LT	36097					463.9					
473+70.99 to 477+50.00	LT/RT	39022					517.4					
SUB-TOTAL:							19283.1					

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-66

QUANTITY	STR. NO.	STATION	BASELINE	SIDE	DESCRIPTION	BARRELS	STORM DRAIN						CURB INLETS										MANHOLES				DITCH BOTTOM INLETS				CLOSED FLUME INLETS	BARRIER WALL INLETS		MITERED END SECTIONS (CD)					CLASS I CONC	TRENCH DRAIN TYPE II	RIP RAP DITCH LINING	REMARKS
													P-1	P-1	1	J-1	J-1	P-2	J-2	P-5	P-6	7	P-7	P-8	P-8	J-8	C	D	D MOD	F												
							18"	24"	30"	36"	42"	48"	<10	>10	PART.	<10	>10	<10	>10	<10	<10	<10	<10	<10	>10	>10	<10	<10	<10	<10	<10	<10	>10	18"	24"	30"	36"	42"	CY	LF	TN	
P																																									
F																																									
P	S-100	412+45.50	SR 500	LT	INLET																						1														TRAVERS. W/SLOTS
F																																									
P																																									
F																																									
P	S-101	427+85.00	SR 500	LT	INLET, PIPE, MES	1	86						1																					1							
F																																									
P	S-101A	428+43.50	SR 500	RT	INLET, PIPE	1	55						1																												
F																																									
P	S-102	428+43.50	SR 500	RT	INLET	-									1																										
F																																									
P	S-102A	428+85.00	SR 500	RT	INLET, PIPE	1	38						1																												
F																																									
P	S-102B	49+29.00	SR 500	RT	INLET, PIPE	1	40						1																												
F																																									
P	S-102C	429+73.00	SR 500	RT	INLET, PIPE	1	40						1																												
F																																									
P	S-103	436+30.00	SR 500	RT	INLET	2																											1							APRON & BRICKS
F																																									
P	S-104	437+00.00	SR 500	LT	INLET	2																											1							APRON & BRICKS
F																																									
P	S-105	438+80.00	SR 500	LT	INLET, PIPE, MES	1	36						1																												
F																																									
P																																									
F																																									
P	S-106	438+80.00	SR 500	RT	INLET, PIPE, MES	1	38						1																												
F																																									
P	S-107	440+44.00	SR 500	RT	INLET, PIPE	1	161						1																												
F																																									
P	S-107A	441+10.00	SR 500	RT	INLET, PIPE	1	63						1																												
F																																									
P	S-108	441+10.00	SR 500	LT	INLET, PIPE, MES, DRAIN	1	100																1											1					30		
F																																									
P	S-109	441+30.00	SR 500	LT	INLET, PIPE	1	16																1																	
F																																									
P	S-110	441+60.00	SR 500	LT	INLET, PIPE	1	26																1																	
F																																									
P																																									
F																																									
P	S-111	442+25.00	SR 500	LT	DBI, PIPE	1	180																								1									
F																																									
P	S-112	442+25.00	SR 500	RT	INLET, PIPE	1	44						1																												
F																																									
P	S-113	442+21.40	SR 500	LT	MANHOLE, PIPE, MES	1	45																	1										1							
F																																									
P	S-114	444+60.00	SR 500	RT	MANHOLE, PIPE	1		53																	1															
F																																									
P	S-115	444+65.30	SR 500	RT	INLET, PIPE	1	23						1																												
F																																									
P																																									
F																																									
P	S-116A	445+20.00	SR 500	LT	MANHOLE, PIPE	1	59																	1																
F																																									
P	S-116	445+20.00	SR 500	RT	INLET, PIPE	1	36																1																	
F																																									
P	S-117	445+60.00	SR 500	RT	INLET, PIPE	1	16																1																	
F																																									
P	S-118	445+80.00	SR 500	LT	INLET, PIPE	1	82																									1									
F																																									
P	S-119	445+80.00	SR 500	RT	INLET, PIPE, DRAIN	1	55																1																30		
F																																									
P	S-120	445+80.00	SR 500	RT	INLET, PIPE	1	25																1																	
F																																									
P																																									
F																																									
SHEET TOTALS -	PLAN QUANTITY						1264	53	0	0	0	0	11	0	1	0	0	0	0	0	0	7	2	1	0	0	1	0	1	1	2	0	0	5	0	0	0	0	0	60	0	
	FINAL QUANTITY																																								

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 32

QUANTITY	STR. NO.	STATION	BASELINE	SIDE	DESCRIPTION	BARRELS	STORM DRAIN						CURB INLETS										MANHOLES				DITCH BOTTOM INLETS				CLOSED FLUME INLETS	BARRIER WALL INLETS		MITERED END SECTIONS (CD)					CLASS I CONC	TRENCH DRAIN TYPE II	RIP RAP DITCH LINING	REMARKS
													P-1	P-1	1	J-1	J-1	P-2	J-2	P-5	P-6	7	P-7	P-8	P-8	J-8	C	D	D MOD	F												
							18"	24"	30"	36"	42"	48"	<10	>10	PART.	<10	>10	<10	>10	<10	<10	<10	<10	<10	>10	>10	<10	<10	<10	<10	<10	<10	>10	18"	24"	30"	36"	42"	CY	LF	TN	
P	S-120A	445+80.00	SR 500	RT	INLET, PIPE	1		117					1																												
F																																									
P	S-120B	446+40.00	SR 500	LT	INLET, PIPE	1	59						1																													
F																																									
P	S-120C	446+64.00	SR 500	LT	INLET, PIPE	1	21						1																													
F																																									
P	S-120D	446+64.00	SR 500	RT	INLET, PIPE	1	81															1																			
F																																									
P	S-120E	446+88.00	SR 500	LT	INLET, PIPE	1	21						1																													
F																																									
P	S-120F	447+12.00	SR 500	LT	INLET, PIPE	1	21						1																													
F																																									
P																																									
F																																									
P	S-121	447+46.20	SR 500	LT	INLET, PIPE	1	32						1																													
F																																									
P	S-122	447+60.00	SR 500	RT	INLET, PIPE	1	177						1																													
F																																									
P	S-123	NOT USED																																							
F																																									
P	S-124	450+40.00	SR 500	LT	INLET, PIPE	1	147						1																													
F																																									
P	S-125	450+40.00	SR 500	RT	INLET, PIPE	1	278						1																													
F																																									
P																																									
F																																									
P	S-201	454+04.60	SR 500	LT	INLET, PIPE	1	12						1																													
F																																									
P	S-201A	206+03.30	RAMP XX	LT	INLET, PIPE	1	48						1																													
F																																									
P	S-202	206+03.30	RAMP XX	RT	INLET, PIPE	1	167						1																													
F																																									
P	S-203	455+65.00	SR 500	LT	DBI, PIPE	1	41																								1										
F																																									
P	S-203A	204+34.00	RAMP XX	RT	INLET, PIPE	1	130						1																													
F																																									
P	S-204	203+00.00	RAMP XX	RT	INLET, PIPE	1		156					1																													
F																																									
P	S-205	457+00.00	SR 500	RT	INLET, PIPE	1		297					1																													
F																																									
P																																									
F																																									
P																																									
F																																									
P	S-206	200+00.00	RAMP XX	RT	INLET, PIPE	1	135						1																													
F																																									
P	S-207	460+00.00	SR 500	RT	INLET, PIPE	1		150					1																													
F																																									
P	S-207A	461+52.00	SR 500	RT	INLET, PIPE	1		41					1																													
F																																									
P	S-207B	461+96.00	SR 500	RT	INLET, PIPE	1		41					1																													
F																																									
P	S-208	462+40.00	SR 500	RT	INLET, PIPE	1		41					1																													
F																																									
P	S-208A	462+84.00	SR 500	RT	INLET, PIPE	1		38					1																													
F																																									
P																																									
F																																									
P	S-209	463+25.00	SR 500	RT	INLET, PIPE	1		231					1																													
F																																									
P	S-210	465+60.00	SR 500	RT	INLET, PIPE, MES	1		48																1												1					24.0	
F																																									
P																																									
F																																									
P																																									
F																																									
SHEET TOTALS -	PLAN QUANTITY						1370	1160	0	0	0	0	22	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	24.0	
	FINAL QUANTITY																																								

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 33

QUANTITY	STR. NO.	STATION	BASELINE	SIDE	DESCRIPTION	BARRELS	STORM DRAIN						CURB INLETS										MANHOLES				DITCH BOTTOM INLETS				CLOSED FLUME INLETS	BARRIER WALL INLETS		MITERED END SECTIONS (CD)					CLASS I CONC	TRENCH DRAIN TYPE II	RIP RAP DITCH LINING	REMARKS
													P-1	P-1	1	J-1	J-1	P-2	J-2	P-5	P-6	7	P-7	P-8	P-8	J-8	C	D	D MOD	F												
							18"	24"	30"	36"	42"	48"	<10	>10	PART.	<10	>10	<10	>10	<10	<10	<10	<10	<10	>10	>10	<10	<10	<10	<10	<10	<10	>10	18"	24"	30"	36"	42"	CY	LF	TN	
P	S-211	467+40.00	SR 500	LT	INLET, PIPE	1	54						1																												
F																																									
P	S-211A	467+40.00	SR 500	RT	INLET, PIPE	1	56						1																												
F																																									
P	S-212	467+97.00	SR 500	LT	INLET, PIPE	1	135						1																												
F																																									
P	S-213	467+97.00	SR 500	RT	MANHOLE, PIPE, MES	1				79																1										1				57.6	
F																																									
P	S-214	469+35.00	SR 500	RT	INLET, PIPE	1				134									1																					
F																																									
P	S-215	469+75.00	SR 500	LT	INLET, PIPE	1		129										1																						
F																																									
P																																									
F																																									
P	S-216	470+12.30	SR 500	LT/RT	EW, PIPE, EW	1						40																											16.30			CAP, 2-COLLARS
F																																									
P	S-217	470+30.00	SR 500	LT	INLET, PIPE	1	123						1																												
F																																									
P	S-218	470+30.00	SR 500	RT	INLET, PIPE	1				91							1																							
F																																									
P	S-219	473+90.00	SR 500	LT	INLET, PIPE	1	135						1																												
F																																									
P	S-220	473+90.00	SR 500	RT	INLET, PIPE	1				356						1																								
F																																									
P																																									
F																																									
P	S-221	473+90.00	SR 500	RT	EW, MANHOLE, PIPE, MES	1		704																1												1				2.24			336/368
F																																									
P	S-222	477+60.00	SR 500	RT	MANHOLE, PIPE	1			366														1																		
F																																									
P																																									
F																																									
P																																									
F																																									
P	S-231	31+63.40	NATOMA	RT	INLET										1																										
F																																									
P	S-232	33+57.50	NATOMA	LT	PIPE, MES	1	54																												1					13.1	COLLAR
F																																									
P	S-233	34+39.00	NATOMA	LT	PIPE, MES	1				56																											1				17.4	COLLAR
F																																									
P	S-234A	467+17.50	SR 500	RT	MH, PIPE, MES	1	157																		1										1						
F																																									
P	S-234	467+60.00	SR 500	RT	DBI, PIPE	1	78																								1									
F																																									
P	S-235	465+16.00	SR 500	RT	DBI, PIPE, MES	1	294																								1				1						
F																																									
P																																									
F																																									
P																																									
F																																									
P																																									
F																																									
P																																									
F																																									
P																																									
F																																									
P																																									
F																																									
P																																									
F																																									
P																																									
F																																									
SHEET TOTALS -	PLAN QUANTITY						1086	833	366	716	0	40	5	0	1	1	1	1	1	0	0	0	2	1	0	1	0	0	2	0	0	0	0	3	1	0	2	0	18.54	0	88.1	
	FINAL QUANTITY																																								

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 34

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

QUANTITY	STR. NO.	STATION	BASELINE	SIDE	DESCRIPTION	BARRELS	STORM DRAIN						CURB INLETS										MANHOLES				DITCH BOTTOM INLETS				CLOSED FLUME INLETS	BARRIER WALL INLETS		MITERED END SECTIONS (CD)					CLASS I CONC	TRENCH DRAIN TYPE II	RIP RAP DITCH LINING	REMARKS
													P-1	P-1	1	J-1	J-1	P-2	J-2	P-5	P-6	7	P-7	P-8	P-8	J-8	C	D	D MOD	F												
							18"	24"	30"	36"	42"	48"	<10	>10	PART.	<10	>10	<10	>10	<10	<10	<10	<10	<10	>10	>10	<10	<10	<10	<10	<10	<10	>10	18"	24"	30"	36"	42"	CY	LF	TN	
P	S-301	24+73.00	SR 46	LT	DBI, PIPE	1	48																					1													
F																																									
P	S-302	25+24.00	SR 46	LT	MANHOLE, PIPE	1	53																1																		
F																																									
P	S-303	10+48.00	GROVELAND	RT	INLET, PIPE	1	26						1																												
F																																									
P	S-304	25+80.00	SR 46	LT	INLET, PIPE	1	47						1																												
F																																									
P	S-305	26+30.00	SR 46	LT	INLET, PIPE	1	102						1																												
F																																									
P																																									
F																																									
P	S-306	27+20.00	SR 46	RT	DBI, PIPE	1	297																					1													
F																																									
P	S-307	27+35.00	SR 46	LT	INLET, PIPE	1	49						1																												
F																																									
P	S-308	27+87.30	SR 46	RT	INLET, PIPE	1	18						1																												
F																																									
P	S-309	28+08.00	SR 46	LT	MANHOLE, PIPE	1	209																1																		
F																																									
P	S-310	10+56.00	PINECREST	LT	INLET, PIPE	1	30						1																												
F																																									
P																																									
F																																									
P	S-311	10+56.00	PINECREST	RT	INLET, PIPE	1	32						1																												
F																																									
P	S-312	30+20.00	SR 46	RT	INLET, PIPE	1	283						1																												
F																																									
P	S-313	30+20.00	SR 46	LT	INLET, PIPE	1	147						1																												
F																																									
P	S-314	31+70.00	SR 46	LT	INLET, PIPE	1		132					1																												
F																																									
P	S-315	10+93.90	STANLEY BELL	RT	INLET	2																										1									
F																																									
P																																									
F																																									
P	S-316	33+05.00	SR 46	RT	INLET, PIPE, MES	1	57						1																							1					4.0	
F																																									
P	S-317	33+05.00	SR 46	LT	INLET, PIPE, MES	1		47					1																								1				2.0	
F																																									
P	S-318	33+67.60	SR 46	LT	DBI, PIPE	1	90																						1												
F																																									
P	S-319	33+90.00	SR 46	RT	INLET, PIPE	1	82						1																												
F																																									
P	S-320	34+20.00	SR 46	RT	INLET, PIPE	1	27						1																												
F																																									
P																																									
F																																									
P	S-321	NOT USED																																						
F																																									
P	S-322	34+50.00	SR 46	LT	INLET, PIPE	1	142						1																												
F																																									
P	S-323	NOT USED																																						
F																																									
P	S-324	36+67.00	SR 46	LT	INLET, PIPE	1		149					1																												
F																																									
P	S-325	37+03.00	SR 46	RT	INLET, PIPE	1	103						1																												
F																																									
P																																									
F																																									
P	S-326	NOT USED																																						
F																																									
P	S-327	NOT USED																																						
F																																									
P	S-328	38+20.00	SR 46	RT	INLET, PIPE	1	92						1																												
F																																									
SHEET TOTALS -					PLAN QUANTITY		1934	328	0	0	0	0	18	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	1	0	1	0	0	1	1	0	0	0	0	0	6.0	
					FINAL QUANTITY																																				

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 35

QUANTITY	STR. NO.	STATION	BASELINE	SIDE	DESCRIPTION	BARRELS	STORM DRAIN						CURB INLETS										MANHOLES				DITCH BOTTOM INLETS				CLOSED FLUME INLETS	BARRIER WALL INLETS		MITERED END SECTIONS (CD)					CLASS I CONC	TRENCH DRAIN TYPE II	RIP RAP DITCH LINING	REMARKS
													P-1	P-1	1	J-1	J-1	P-2	J-2	P-5	P-6	7	P-7	P-8	P-8	J-8	C	D	D MOD	F											
							18"	24"	30"	36"	42"	48"	<10	>10	PART.	<10	>10	<10	>10	<10	<10	<10	<10	<10	>10	>10	<10	<10	<10	<10	<10	<10	>10	18"	24"	30"	36"	42"	CY	LF	TN	
P	S-329	38+20.00	SR 46	LT	INLET, PIPE	1		124														1																			
F																																									
P	S-330	39+47.70	SR 46	LT	INLET, PIPE	1		88					1																												
F																																									
P	S-331	39+55.00	SR 46	RT	INLET, PIPE	1	50						1																												
F																																									
P	S-332	39+48.80	SR 46	LT	INLET, PIPE	1		19														1																			
F																																									
P	S-333	40+43.00	SR 46	LT	INLET, PIPE	1		143					1																												
F																																									
P																																									
F																																									
P	S-334	41+97.00	SR 46	LT	INLET, PIPE	1			62				1																												
F																																									
P	S-335	41+97.00	SR 46	LT	INLET, PIPE	1			87				1																												
F																																									
P	S-336	42+42.00	SR 46	RT	INLET, PIPE	1	42						1																												
F																																									
P	S-337	to S-340	NOT USED																																						
F																																									
P																																									
F																																									
P	S-341	220+00.00	RAMP XX	RT	DBI, PIPE	1	32																						1												
F																																									
P	S-342	220+25.00	RAMP XX	RT	MANHOLE, PIPE	1	97																1																		
F																																									
P	S-343	221+20.00	RAMP XX	RT	MANHOLE, PIPE, MES	1	57																1												1						
F																																									
P	S-344	223+73.00	RAMP XX	RT	DBI, PIPE	1		150																					1												
F																																									
P	S-345	224+29.00	RAMP XX	RT	DBI, PIPE, MES	1			43																				1								1				9.0	4' Diameter
F																																									
P																																									
F																																									
P	S-346	224+40.00	RAMP XX	RT	INLET, PIPE	1	33																										1								
F																																									
P	S-347	224+40.00	RAMP XX	RT	INLET, PIPE	1			50																								1								
F																																									
P	S-348	224+60.00	RAMP XX	RT	DBI, PIPE	1		148																						1											
F																																									
P	S-349	226+00.00	RAMP XX	RT	MANHOLE, PIPE	1		163															1																		
F																																									
P	S-350	226+08.00	POND RD	RT	DBI, PIPE	1		25																					1												
F																																									
P																																									
F																																									
P	S-351	44+01.00	SR 46	LT	MANHOLE, PIPE	1		263																			1														
F																																									
P	S-352	6+26.00	POND RD	LT	MANHOLE, PIPE	1		180																1																
F																																									
P	S-353	46+86.00	SR 46	RT	MANHOLE, PIPE	1				118																	1														
F																																									
P	S-354	46+81.00	SR 46	LT	MANHOLE, PIPE	1				93																	1														
F																																									
P	S-355	10+76.80	VERANDA	RT	DBI	-																							1												
F																																									
P	S-356	10+92.90	VERANDA	-	DBI	-																									1										
F																																									
P	S-357	11+08.20	VERANDA	LT	MANHOLE, PIPE	1			24																			1													4x4
F																																									
P	S-358	11+94.00	VERANDA	LT	MANHOLE, PIPE	1		92																			1													4x6
F																																									
P	S-359	8+10.00	POND RD	LT	INLET, PIPE	1		32					1																												
F																																									
P	S-360	8+10.00	POND RD	RT	INLET, PIPE, MES	1		110					1																							1						
F																																									
SHEET TOTALS -					PLAN QUANTITY		311	1537	266	211	0	0	8	0	0	0	0	0	0	0	0	2	1	3	0	5	0	1	4	2	0	1	1	1	1	1	0	0	0	0	9.0	
					FINAL QUANTITY																																				

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 36

jcapra 3/28/2016 10:14:57 AM P:\7844-Wekiva3B\23827525201\drainage\sumdrd01.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

QUANTITY	STR. NO.	STATION	BASELINE	SIDE	DESCRIPTION	BARRELS	STORM DRAIN						CURB INLETS										MANHOLES				DITCH BOTTOM INLETS				CLOSED FLUME INLETS	BARRIER WALL INLETS		MITERED END SECTIONS (CD)					CLASS I CONC	TRENCH DRAIN TYPE II	RIP RAP DITCH LINING	REMARKS
													P-1	P-1	1	J-1	J-1	P-2	J-2	P-5	P-6	7	P-7	P-8	P-8	J-8	C	D	D MOD	F												
							18"	24"	30"	36"	42"	48"	<10	>10	PART.	<10	>10	<10	>10	<10	<10	<10	<10	<10	>10	>10	<10	<10	<10	<10	<10	<10	>10	18"	24"	30"	36"	42"	CY	LF	TN	
P	S-361	8+55.00	POND RD	LT	MANHOLE, PIPE, MES	1				112																1										1					9.0	
F																																									
P																																									
F																																									
P	S-400	228+03.00	RAMP XX	RT	INLET, PIPE	1	33																									1									
F																																									
P	S-401	228+03.00	RAMP XX	LT	INLET, PIPE	1	40																									1									THRUST BLOCK
F																																									
P	S-402	45+40.00	SR 46	RT	MANHOLE, PIPE	1	56																	1																		
F																																									
P	S-403	45+40.00	SR 46	LT	INLET, PIPE	1	51																1																		
F																																									
P	S-404	45+40.00	SR 46	LT	INLET, PIPE	1	127						1																												
F																																									
P	S-405	46+50.00	SR 46	LT	INLET, PIPE	1	56																1																		
F																																									
P	S-406	46+75.00	SR 46	LT	INLET, PIPE	1	191						1																												
F																																									
P	S-407	48+70.00	SR 46	LT	INLET, PIPE	1		140					1																												
F																																									
P	S-408	50+13.10	SR 46	LT	INLET, PIPE	1		299					1																												CAST-IN-PLACE TOP
F																																									
P	S-409	50+15.00	SR 46	RT	INLET, PIPE	1	111						1																												
F																																									
P																																									
F																																									
P	S-410	51+09.20	SR 46	RT	DBI, PIPE, MES	1	41																								1					1						
F																																									
P	S-411	53+15.00	SR 46	RT	MANHOLE, PIPE, MES	1		57																1												1						
F																																									
P	S-412	53+15.00	SR 46	RT	INLET, PIPE	1		24																								1									
F																																									
P	S-413	53+15.00	SR 46	RT	INLET, PIPE	1		33																								1									
F																																									
P	S-414	53+15.00	SR 46	RT	INLET, PIPE	1		15					1																												
F																																									
P	S-415	53+15.00	SR 46	LT	INLET, PIPE	1		98					1																												
F																																									
P	S-416	53+39.30	SR 46	-	MES, PIPE, MES	2			412																												4					
F																																									
P																																									
F																																									
P	S-501	237+64.90	RAMP XX	LT	INLET, PIPE	1	39						1																												
F																																									
P	S-502	55+32.00	SR 46	RT	INLET, PIPE	1	45						1																												
F																																									
P	S-503	238+04.00	RAMP XX	RT	INLET, PIPE	1	169						1																												
F																																									
P	S-504	56+15.00	SR 46	RT	DBI, PIPE	1	80																								1									
F																																									
P	S-505	57+00.00	SR 46	LT	INLET, PIPE	1	128											1																								
F																																									
P	S-506	57+03.10	SR 46	RT	INLET, PIPE	1		289										1																								
F																																									
P																																									
F																																									
P	S-507	57+33.20	SR 46	RT	DBI, PIPE, MES	1	48																								1					1						
F																																									
P	S-508	59+95.00	SR 46	RT	INLET, PIPE, MES	1			72				1																												
F																																									
P	S-509	62+00.00	SR 46	RT	INLET, PIPE	1		201										1																								
F																																									
P	S-510	62+00.00	SR 46	LT	INLET, PIPE	1	110											1																								
F																																									
P	S-511	62+93.50	SR 46	LT	EW, PIPE	1		75																															2.24			COLLAR
F																																									
SHEET TOTALS -					PLAN QUANTITY		1325	1231	484	112	0	0	11	0	0	0	0	4	0	0	0	2	1	1	0	1	0	0	2	1	0	4	0	2	1	5	1	0	2.24	0	9.0	
					FINAL QUANTITY																																					

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 37

QUANTITY	STR. NO.	STATION	BASELINE	SIDE	DESCRIPTION	BARRELS	STORM DRAIN						CURB INLETS										MANHOLES				DITCH BOTTOM INLETS				CLOSED FLUME INLETS	BARRIER WALL INLETS		MITERED END SECTIONS (CD)					CLASS I CONC	TRENCH DRAIN TYPE II	RIP RAP DITCH LINING	REMARKS
													P-1	P-1	1	J-1	J-1	P-2	J-2	P-5	P-6	7	P-7	P-8	P-8	J-8	C	D	D MOD	F												
							18"	24"	30"	36"	42"	48"	<10	>10	PART.	<10	>10	<10	>10	<10	<10	<10	<10	<10	>10	>10	<10	<10	<10	<10	<10	<10	>10	18"	24"	30"	36"	42"	CY	LF	TN	
P	S-601	67+50.00	SR 46	RT	INLET, PIPE	1	155											1																							
F																																									
P	S-602	68+00.00	SR 46	LT	INLET, PIPE	1	109														1																				
F																																									
P	S-603	69+10.00	SR 46	RT	INLET, PIPE	1	110						1																												
F																																									
P	S-604	69+10.00	SR 46	LT	INLET, PIPE	1		282												1																				
F																																									
P	S-605	71+90.00	SR 46	RT	INLET, PIPE	1		109												1																				
F																																									
P																																									
F																																									
P	S-606	71+90.00	SR 46	LT	INLET, PIPE	1	46						1																												
F																																									
P	S-607	73+00.00	SR 46	RT	INLET, PIPE	1	110											1																						
F																																									
P	S-608	73+00.00	SR 46	LT	INLET, PIPE	1			282												1																				
F																																									
P	S-609	74+20.00	SR 46	RT	INLET, PIPE	1	115						1																												
F																																									
P	S-610	2+75.00	SUMMERBROOKE	RT	INLET, PIPE	1				47						1																								
F																																									
P																																									
F																																									
P	S-611	2+75.30	SUMMERBROOKE	LT	INLET, PIPE	1				43						1																								
F																																									
P	S-612	2+90.00	SUMMERBROOKE	RT	MANHOLE, PIPE	1		15															1																		
F																																									
P	S-613	53+15.00			NOT USED																																				
F																																									
P	S-614	75+80.00	SR 46	LT	INLET, PIPE	1			205				1																											
F																																									
P	S-615	77+60.00	SR 46	RT	INLET, PIPE	1	22															1																		
F																																									
P																																									
F																																									
P	S-616	77+80.00	SR 46	RT	INLET, PIPE	1	50						1																												
F																																									
P	S-617	78+85.00	SR 46	RT	MH, PIPE	1	56															1																		
F																																									
P	S-618	78+85.00	SR 46	LT	INLET, PIPE	1			112					1																										
F																																									
P	S-619	78+68.00	SR 46	LT	EW, PIPE, EW	4				588																												16.26			COLLAR
F																																									
P	S-620	78+90.00	SR 46	RT	INLET, PIPE	1	110											1																						
F																																									
P																																									
F																																									
P	S-621	79+00.00	SR 46	LT	INLET, PIPE	1				247									1																						
F																																									
P	S-622	84+65.00	SR 46	LT	DBI, PIPE, MES	2		114																					2						2						
F																																									
P	S-623	81+50.00	SR 46	RT	MANHOLE, PIPE, MES	1					91															1												1			
F																																									
P	S-624	84+00.00	SR 46	RT	INLET, PIPE	1	110											1																						
F																																									
P	S-625	84+00.00	SR 46	LT	INLET, PIPE	1			246									1																						
F																																									
P																																									
F																																									
P	S-626	87+00.00	SR 46	RT	INLET, PIPE	1	110						1																												
F																																									
P	S-627	87+00.00	SR 46	LT	INLET, PIPE	1		297					1																												
F																																									
P																																									
F																																									
SHEET TOTALS -	PLAN QUANTITY						1103	817	845	925	91	0	7	1	0	2	0	5	1	2	2	1	2	0	0	1	0	0	2	0	0	0	0	0	2	0	0	1	16.26	0	0	
	FINAL QUANTITY																																								

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 38

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

QUANTITY	STR. NO.	STATION	BASELINE	SIDE	DESCRIPTION	BARRELS	STORM DRAIN 18"	STORM DRAIN 24"	STORM DRAIN 30"	STORM DRAIN 36"	STORM DRAIN 42"	STORM DRAIN 48"	CURB INLETS P-1 <10	CURB INLETS P-1 >10	CURB INLETS 1 PART.	CURB INLETS J-1 <10	CURB INLETS J-1 >10	CURB INLETS P-2 <10	CURB INLETS J-2 >10	CURB INLETS P-5 <10	CURB INLETS P-6 <10	CURB INLETS 7 <10	MANHOLES P-7 <10	MANHOLES P-8 <10	MANHOLES P-8 >10	MANHOLES J-8 >10	DITCH BOTTOM INLETS C <10	DITCH BOTTOM INLETS D <10	DITCH BOTTOM INLETS D MOD <10	DITCH BOTTOM INLETS F <10	CLOSED FLUME INLETS <10	BARRIER WALL INLETS <10	BARRIER WALL INLETS >10	MITERED END SECTIONS (CD) 18"	MITERED END SECTIONS (CD) 24"	MITERED END SECTIONS (CD) 30"	MITERED END SECTIONS (CD) 36"	MITERED END SECTIONS (CD) 42"	CLASS I CONC CY	TRENCH DRAIN TYPE II LF	RIP RAP DITCH LINING TN	REMARKS
P	S-701	NOT USED																																								
F																																										
P	S-702	93+30.00	SR 46	RT	INLET, PIPE	1	110						1																													
F																																										
P	S-703	93+30.00	SR 46	LT	INLET, PIPE, MES	1			118				1																													
F																																										
P	S-704	92+71.00	SR 46	LT	DBI, PIPE, MES	1	94																						1													
F																																										
SHEET TOTALS-					PLAN QUANTITY		204	0	118	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
					FINAL QUANTITY																																					
GRAND TOTALS-					PLAN QUANTITY		8569	5959	2079	1964	91	40	84	1	2	3	2	10	2	2	2	11	10	6	1	8	1	3	13	5	3	5	1	12	7	6	3	1	37.04	60	136.1	
					FINAL QUANTITY																																					

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO.
39

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

jcapra 3/28/2016 10:15:00 AM P:\7844-Wekiva3B\23827525201\drainage\sumdrd01.dgn

OPTIONAL MATERIALS SYSTEMS

STRUCTURE	SIZE (Inches)	MATERIAL	PLOTTED	AS BUILT	REMARKS
S-101, 101A, 102, 102A, 102B,	18"	RCP, CLASS II	X		
S-102C, 105, 106, 108, 111, 113,		NRCP, CLASS II			
S-316,		16 GA. SRAP			
S-410		14 GA. SRASP			
S-107, 107A, 109, 110, 112, 116, 117,	18"	RCP, CLASS II	X		
S-119, 123, 124, 125,		NRCP, CLASS II			
S-336, 341, 342, 343, 347,		16 GA. SRAP			
S-400 - S-406, 409		14 GA. SRASP			
		HDPE, CLASE II			
		PP			
		PVC			
S-114, 116A, 118, 120, 120B, 120C,	18"	RCP, CLASS II	X		
S-120D, 120E, 120F, 121, 203A		NRCP, CLASS II			
S-201, 201A, 203, 212, 217, 219		16 GA. SRAP			
S-302, 304, 307, 308-314, 319		14 GA. SRASP			
S-320, 323, 326		HDPE, CLASE II			
S-501 - S-505, 510		PP			
S-603, 606, 615, 616, 617		PVC			

OPTIONAL MATERIALS SYSTEMS

STRUCTURE	SIZE (Inches)	MATERIAL	PLOTTED	AS BUILT	REMARKS
S-202,	18"	RCP, CLASS II	X		
S-620, 624, 626,		NRCP, CLASS II			
S-702		14 GA. SRAP			
		14 GA. SRASP			
		HDPE, CLASE II			
		PP			
		PVC			
S-232	18"	RCP, CLASS II	X		
S-301,	18"	RCP, CLASS II	X		
S-601,		NRCP, CLASS II			
S-704		16 GA. SRAP			
		16 GA. SRASP			
S-115, 120A,	24"	RCP, CLASS II	X		
S-324, 329, 330, 332, 333,		NRCP, CLASS II			
S-344, 348-351, 357-359		16 GA. SRAP			
S-407, 408, 412-415		14 GA. SRASP			
		HDPE, CLASS II			
		PP			
		PVC			
S-204, 205, 207, 207A, 207B,	24"	RCP, CLASS II	X		
S-208, 208A, 209, 211,		NRCP, CLASS II			
S-627		14 GA. SRAP			
		14 GA. SRASP			
		HDPE, CLASS II			
		PP			
		PVC			
S-210,	24"	RCP, CLASS II	X		
S-317,		NRCP, CLASS II			
S-506		16 GA. SRAP			
		16 GA. SRASP			
S-215,	24"	RCP, CLASS II	X		
S-314,		NRCP, CLASS II			
S-509,		16 GA. SRAP			
S-604, 605, 612		16 GA. SRASP			
		HDPE, CLASS II			
		PP			
		PVC			
S-360,	24"	RCP, CLASS II	X		
S-411,		NRCP, CLASS II			
S-622		16 GA. SRAP			
		14 GA. SRASP			
S-511	24"	RCP, CLASS II	X		

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

OPTIONAL MATERIALS TABULATION

SHEET NO. 40

OPTIONAL MATERIALS SYSTEMS

STRUCTURE	SIZE (Inches)	MATERIAL	PLOTTED	AS BUILT	REMARKS
S-222,	30"	RCP, CLASS II	X		
S-608, 614, 618		NRCP, CLASS II			
		16 GA. SRAP			
		16 GA. SRASP			
		HDPE, CLASE II			
		PP			
		PVC			
S-334, 335, 345	30"	RCP, CLASS II	X		
		NRCP, CLASS II			
		16 GA. SRAP			
		14 GA. SRASP			
		HDPE, CLASS II			
		PP			
		PVC			
S-416	30"	RCP, CLASS II	X		
		NRCP, CLASS II			
		16 GA. SRAP			
		16 GA. SRASP			
S-625	30"	RCP, CLASS II	X		
		NRCP, CLASS II			
		14 GA. SRAP			
		16 GA. SRASP			
		HDPE, CLASS II			
		PP			
		PVC			
S-703	30"	RCP, CLASS II	X		
		NRCP, CLASS II			
		16 GA. SRAP			
		16 GA. SRASP			
S-213	36"	RCP, CLASS II	X		
		NRCP, CLASS II			
		16 GA. SRAP			
		10 GA. SRSP			
S-214, 218	36"	RCP, CLASS II	X		
S-619, 621		NRCP, CLASS II			
		14 GA. SRAP			
		14 GA. SRASP			
		HDPE, CLASS II			
		PP			
		PVC			

OPTIONAL MATERIALS SYSTEMS

STRUCTURE	SIZE (Inches)	MATERIAL	PLOTTED	AS BUILT	REMARKS
S-220	36"	RCP, CLASS II	X		
		NRCP, CLASS II			
		16 GA. SRAP			
		16 GA. SRASP			
		10 GA. SRSP			
		HDPE, CLASE II			
		PP			
		PVC			
S-233	36"	RCP, CLASS II	X		
S-353, 354	36"	RCP, CLASS II	X		
		NRCP, CLASS II			
		16 GA. SRAP			
		14 GA. SRASP			
		HDPE, CLASS II			
		PP			
		PVC			
S-610, S-611	36"	RCP, CLASS II	X		
		NRCP, CLASS II			
		16 GA. SRASP			
S-623	42"	RCP, CLASS II	X		
		14 GA. SRASP			
S-216	48"	RCP, CLASS II	X		

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

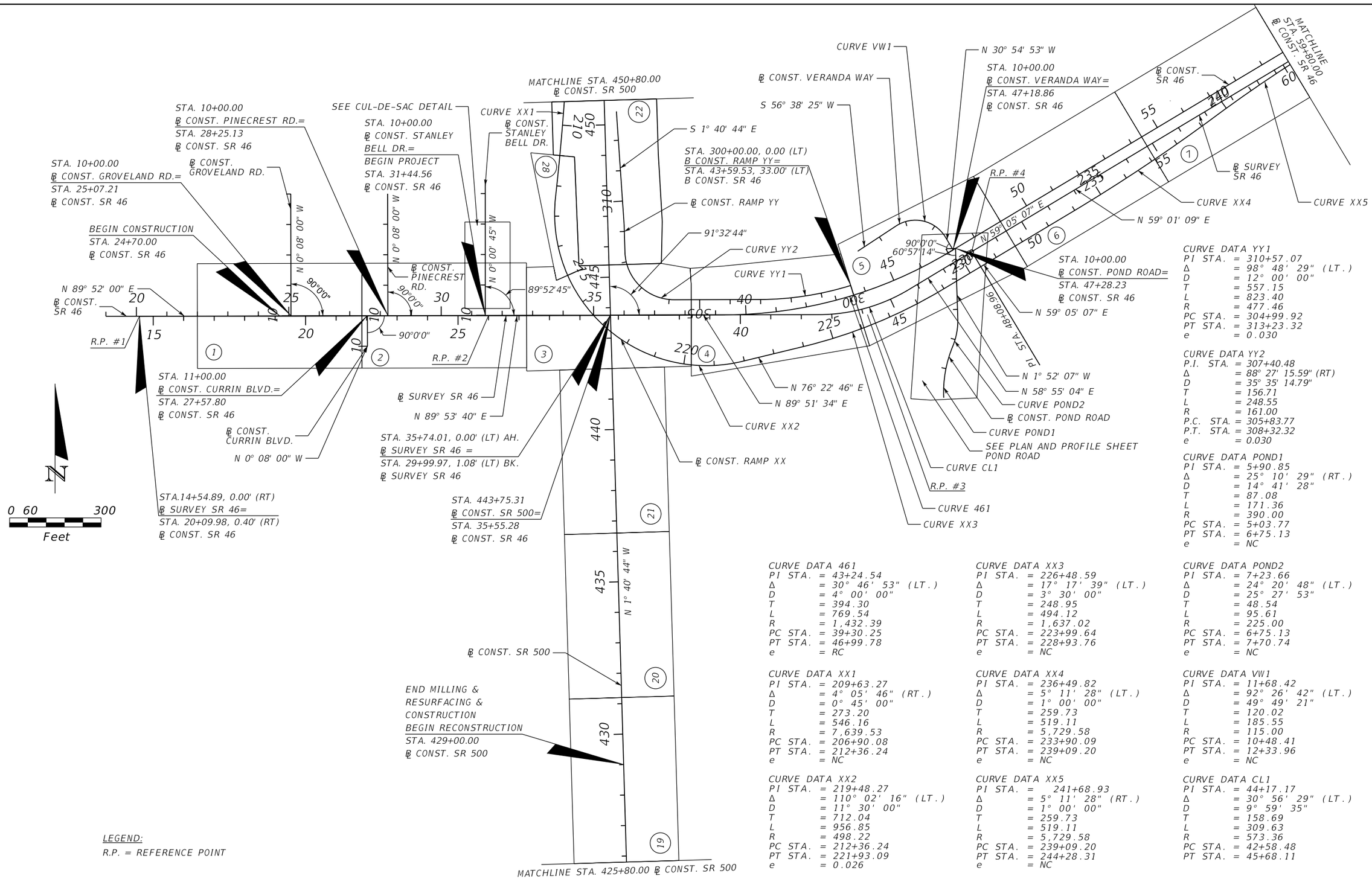
ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

OPTIONAL MATERIALS TABULATION

jcapra 3/28/2016 10:15:01 AM P:\7844-Wekiva3B\23827525201\drainage\dromrd01.dgn



CURVE DATA YY1
PI STA. = 310+57.07
Δ = 98° 48' 29" (LT.)
D = 12° 00' 00"
T = 557.15
L = 823.40
R = 477.46
PC STA. = 304+99.92
PT STA. = 313+23.32
e = 0.030

CURVE DATA YY2
P.I. STA. = 307+40.48
Δ = 88° 27' 15.59" (RT)
D = 35° 35' 14.79"
T = 156.71
L = 248.55
R = 161.00
P.C. STA. = 305+83.77
P.T. STA. = 308+32.32
e = 0.030

CURVE DATA POND1
PI STA. = 5+90.85
Δ = 25° 10' 29" (RT.)
D = 14° 41' 28"
T = 87.08
L = 171.36
R = 390.00
PC STA. = 5+03.77
PT STA. = 6+75.13
e = NC

CURVE DATA 461
PI STA. = 43+24.54
Δ = 30° 46' 53" (LT.)
D = 4° 00' 00"
T = 394.30
L = 769.54
R = 1,432.39
PC STA. = 39+30.25
PT STA. = 46+99.78
e = RC

CURVE DATA XX3
PI STA. = 226+48.59
Δ = 17° 17' 39" (LT.)
D = 3° 30' 00"
T = 248.95
L = 494.12
R = 1,637.02
PC STA. = 223+99.64
PT STA. = 228+93.76
e = NC

CURVE DATA POND2
PI STA. = 7+23.66
Δ = 24° 20' 48" (LT.)
D = 25° 27' 53"
T = 48.54
L = 95.61
R = 225.00
PC STA. = 6+75.13
PT STA. = 7+70.74
e = NC

CURVE DATA XX1
PI STA. = 209+63.27
Δ = 4° 05' 46" (RT.)
D = 0° 45' 00"
T = 273.20
L = 546.16
R = 7,639.53
PC STA. = 206+90.08
PT STA. = 212+36.24
e = NC

CURVE DATA XX4
PI STA. = 236+49.82
Δ = 5° 11' 28" (LT.)
D = 1° 00' 00"
T = 259.73
L = 519.11
R = 5,729.58
PC STA. = 233+90.09
PT STA. = 239+09.20
e = NC

CURVE DATA VW1
PI STA. = 11+68.42
Δ = 92° 26' 42" (LT.)
D = 49° 49' 21"
T = 120.02
L = 185.55
R = 115.00
PC STA. = 10+48.41
PT STA. = 12+33.96
e = NC

CURVE DATA XX2
PI STA. = 219+48.27
Δ = 110° 02' 16" (LT.)
D = 11° 30' 00"
T = 712.04
L = 956.85
R = 498.22
PC STA. = 212+36.24
PT STA. = 221+93.09
e = 0.026

CURVE DATA XX5
PI STA. = 241+68.93
Δ = 5° 11' 28" (RT.)
D = 1° 00' 00"
T = 259.73
L = 519.11
R = 5,729.58
PC STA. = 239+09.20
PT STA. = 244+28.31
e = NC

CURVE DATA CL1
PI STA. = 44+17.17
Δ = 30° 56' 29" (LT.)
D = 9° 59' 35"
T = 158.69
L = 309.63
R = 573.36
PC STA. = 42+58.48
PT STA. = 45+68.11

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

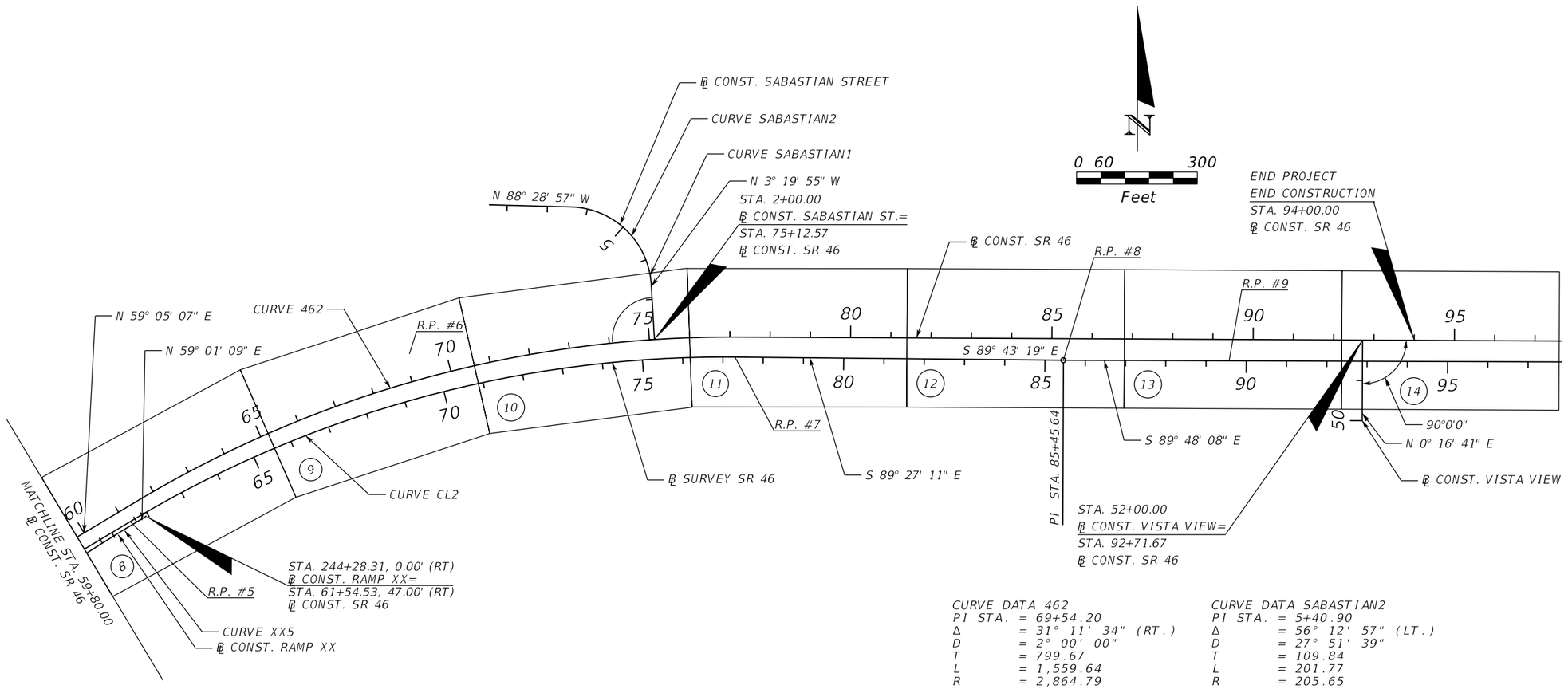
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

PROJECT LAYOUT

SHEET NO. 42

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



CURVE DATA 462
PI STA. = 69+54.20
Δ = 31° 11' 34" (RT.)
D = 2° 00' 00"
T = 799.67
L = 1,559.64
R = 2,864.79
PC STA. = 61+54.53
PT STA. = 77+14.17
e = NC

CURVE DATA SABASTIAN2
PI STA. = 5+40.90
Δ = 56° 12' 57" (LT.)
D = 27° 51' 39"
T = 109.84
L = 201.77
R = 205.65
PC STA. = 4+31.06
PT STA. = 6+32.84
e = NC

CURVE DATA XX5
PI STA. = 241+80.054
Δ = 5° 38' 10" (RT.)
D = 1° 14' 52"
T = 226.26
L = 452.15
R = 4,591.72
PC STA. = 239+54.28
PT STA. = 244+06.44
e = NC

CURVE DATA SABASTIAN1
PI STA. = 3+82.80
Δ = 27° 31' 17" (LT.)
D = 27° 56' 57"
T = 50.20
L = 98.47
R = 205.00
PC STA. = 3+32.59
PT STA. = 4+31.06
e = NC

CURVE DATA CL2
PI STA. = 69+62.18
Δ = 31° 31' 40" (RT.)
D = 1° 59' 59"
T = 808.78
L = 1,576.53
R = 2,865.06
PC STA. = 61+53.41
PT STA. = 77+29.94

LEGEND:
R.P. = REFERENCE POINT

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

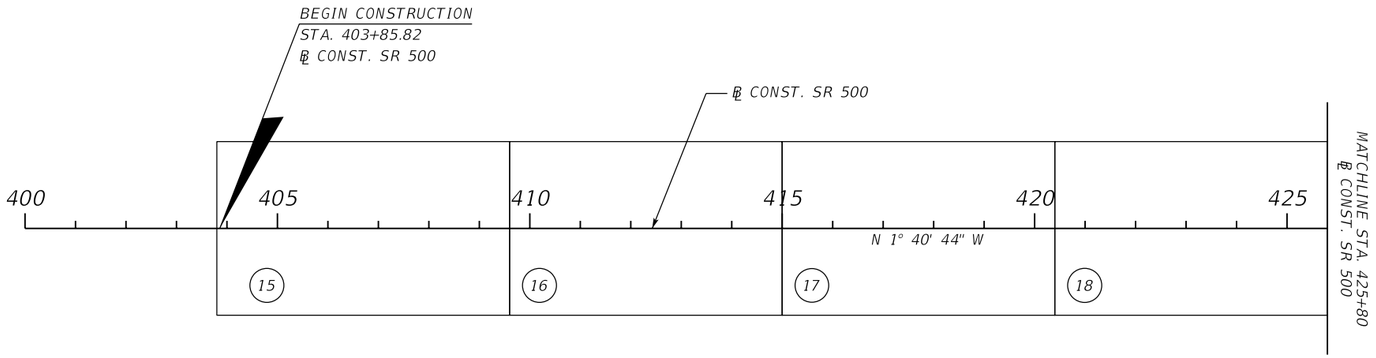
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

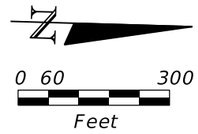
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

PROJECT LAYOUT

SHEET NO. 43





THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

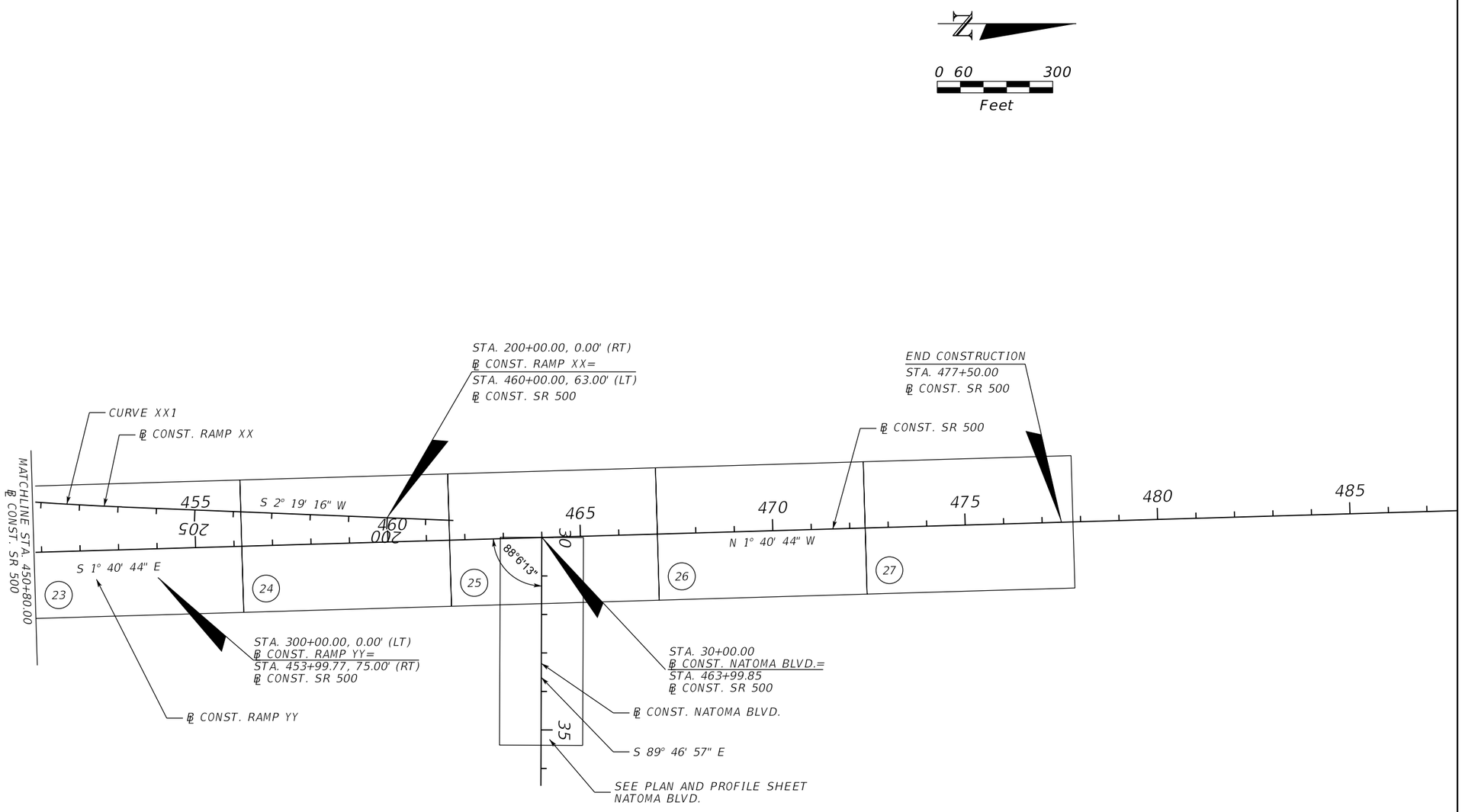
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

PROJECT LAYOUT

SHEET NO. 44



CURVE DATA XX1
PI STA. = 209+63.27
Δ = 4° 05' 46" (RT.)
D = 0° 45' 00"
T = 273.20
L = 546.16
R = 7,639.53
PC STA. = 206+90.08
PT STA. = 212+36.24
e = NC

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

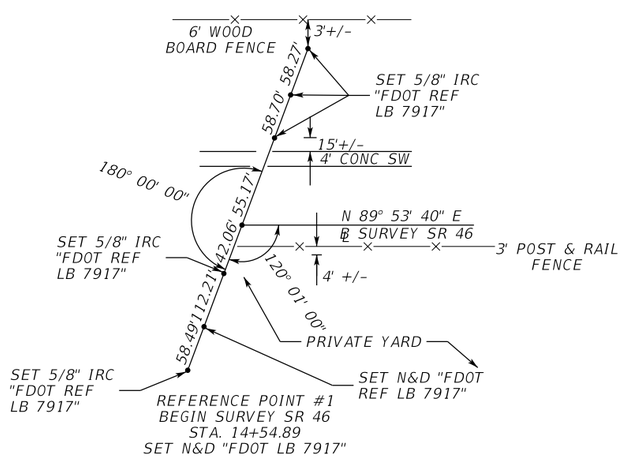
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

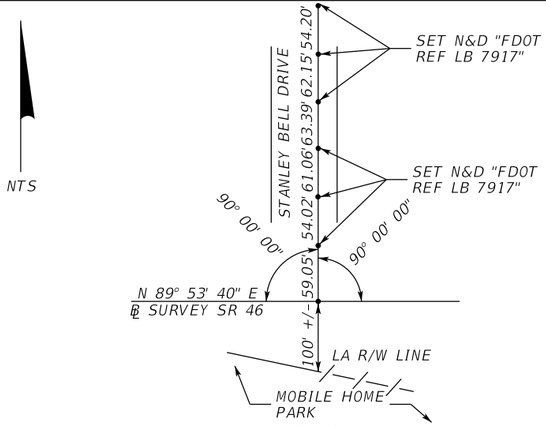
PROJECT LAYOUT

SHEET NO. 45

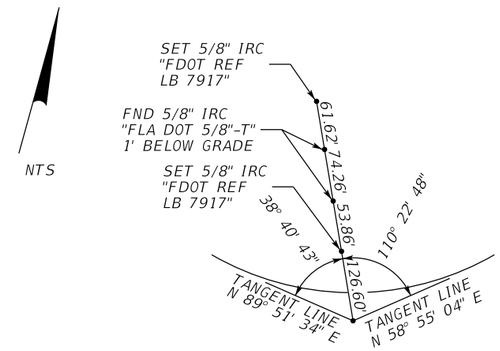
jcapra 3/28/2016 10:15:07 AM P:\7844-Wekiva3B\23827525201\roadway\playrd03.dgn



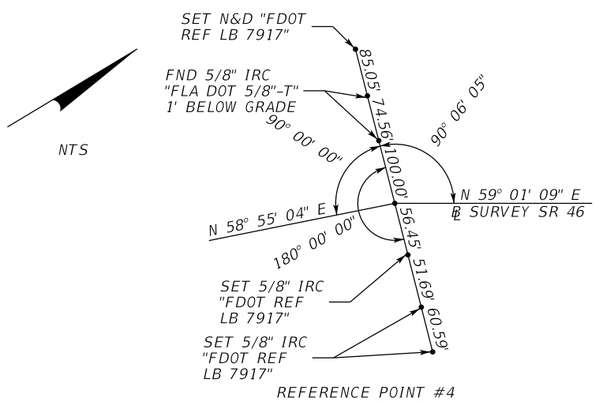
REFERENCE POINT #1
BEGIN SURVEY SR 46
STA. 14+54.89
SET N&D "FDOT LB 7917"



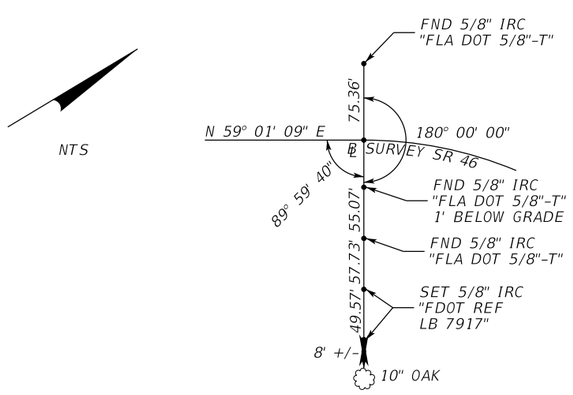
REFERENCE POINT #2
POT STA. 25+99.97
SET N&D "FDOT LB 7917"



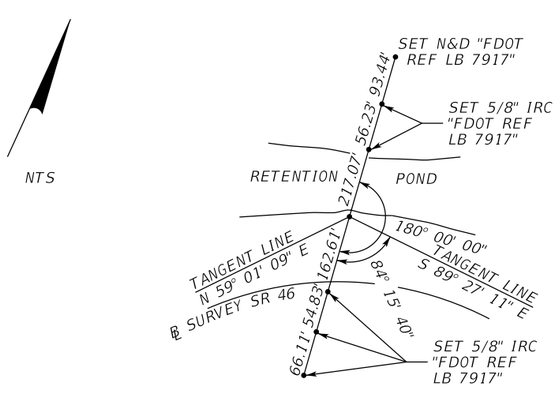
REFERENCE POINT #3
PI STA. 44+17.17
Δ = 30° 56' 29" LT.
FND 5/8" IRC "FLA DOT 5/8"-T"



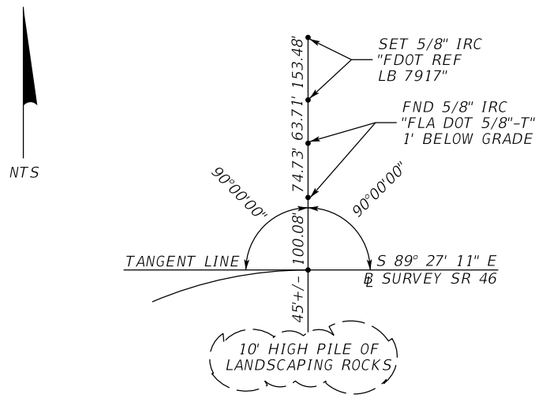
REFERENCE POINT #4
PI STA. 48+08.96
Δ = 00° 06' 05" RT.
(NO CURVE)
SET N&D "FDOT LB 7917"



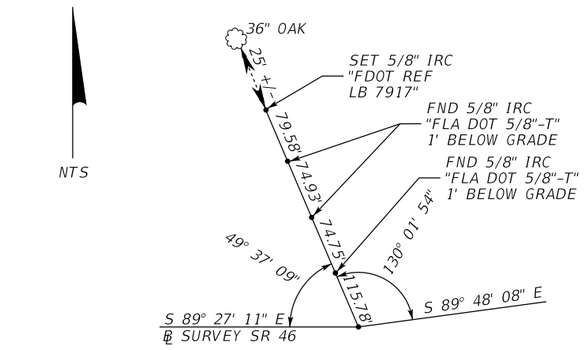
REFERENCE POINT #5
PC STA. 61+53.41
SET N&D "FDOT LB 7917"



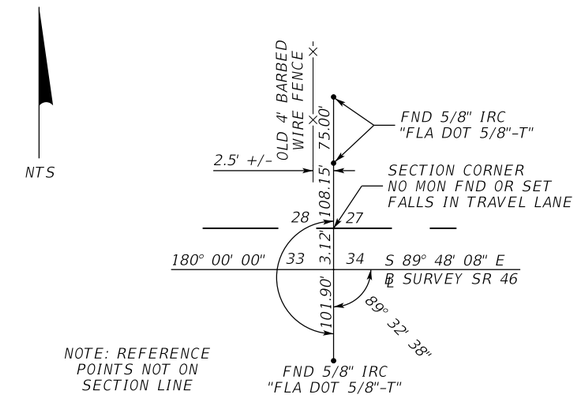
REFERENCE POINT #6
PI STA. 69+62.18
Δ = 31° 31' 40" RT.
SET 5/8" IRC "FDOT LB 7917"



REFERENCE POINT #7
PT STA. 77+29.94



REFERENCE POINT #8
PI STA. 85+45.64
Δ = 00° 20' 57" LT.
(NO CURVE)



NOTE: REFERENCE POINTS NOT ON SECTION LINE

REFERENCE POINT #9
STA. 89+57.36

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

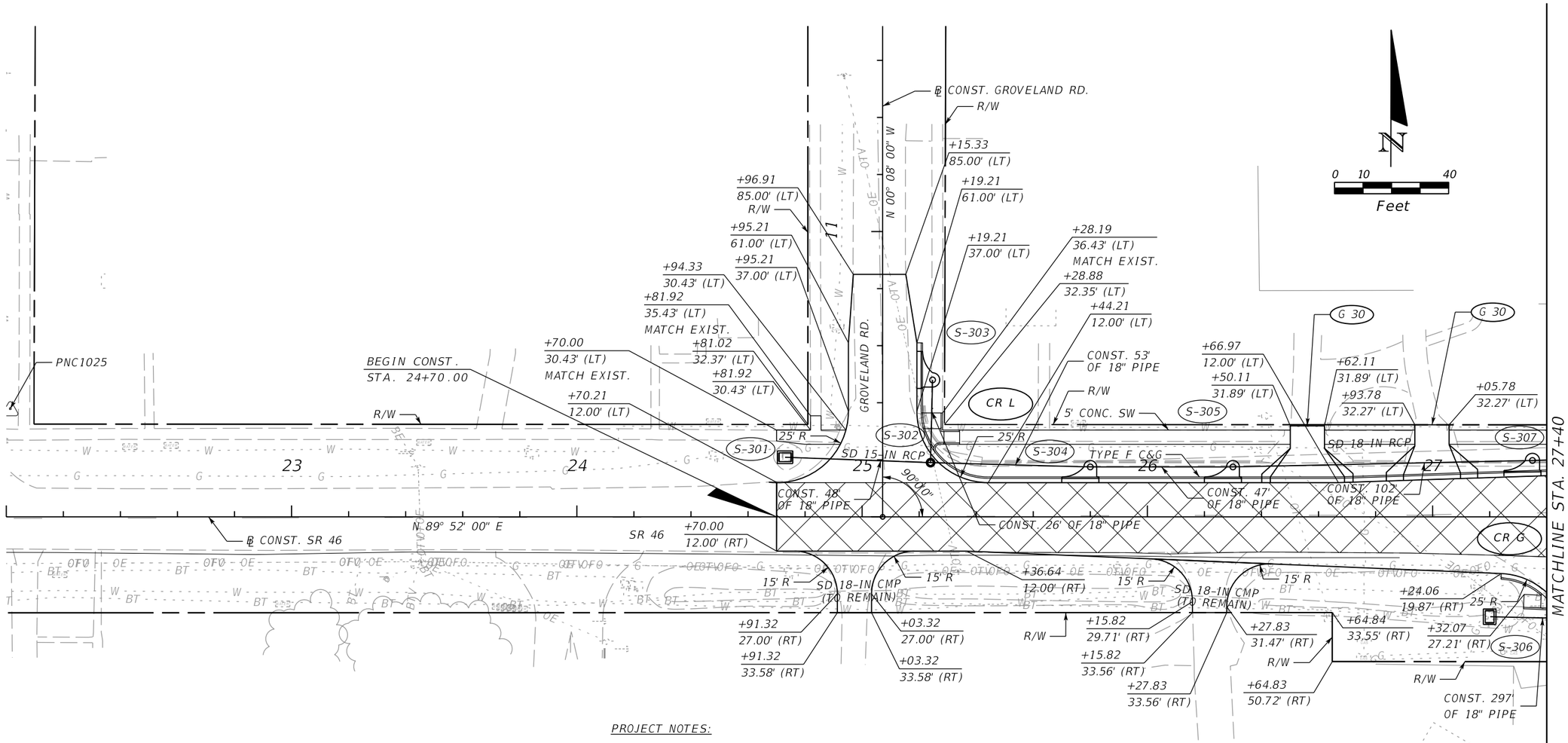
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

REFERENCE TIES

SHEET NO. 46

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

jcapra 3/28/2016 10:15:08 AM P:\7844-Wekiva3B\23827525201\roadway\playrd04.dgn



PROJECT NOTES:

1. BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)
2. BUILDINGS TO BE REMOVED BY OTHERS, UNLESS OTHERWISE NOTED.
3. EXISTING DRAINAGE STRUCTURES WITHIN CONSTRUCTION LIMITS SHALL BE REMOVED UNLESS OTHERWISE NOTED.
4. IF ANY PUBLIC LAND CORNER WITHIN THE LIMITS OF CONSTRUCTION IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, IMMEDIATELY NOTIFY THE ENGINEER IN CONJUNCTION WITH THE DISTRICT LOCATION SURVEYOR.
5. EXISTING DRIVEWAYS WITHIN THE LIMITS OF THIS PROJECT ARE TO BE REPLACED AT THE SAME LOCATION AND WIDTH, UNLESS OTHERWISE SHOWN IN THE PLANS.
6. PROJECTED PGL SR 500 RT AND PROJECTED PGL SR 500 LT ARE BASED ON EXISTING EDGE OF PAVEMENT GRADED UPWARD AT 2%.
7. THE CONTRACTOR SHOULD EXPECT PORTIONS OF THE BASE TO BE EXPOSED DURING 3.75" MILLING OF SR 500 (US 441) AND SOME SIDESTREETS.
8. PAVEMENT CORING DATA, INCLUDING BASE MATERIAL TYPE AND THICKNESS IS AVAILABLE ON THE DEPARTMENTS WEBSITE. THE URL FOR OBTAINING THIS INFORMATION IS LOCATED AT: FTP://FTP.DOT.STATE.FL.US/LTS/D5/CONSTRUCTION/PAVEMENTCORINGDATA/ THE DATA REPRESENTS MATERIALS ENCOUNTERED AT EACH CORING LOCATION. MATERIAL VARIATIONS BETWEEN CORES SHOULD BE ANTICIPATED AS INDICATED IN SECTION 2-4 OF THE STANDARD SPECIFICATIONS.

LEGEND:

MILLING & RESURFACING

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

PLAN SHEET 1
SR 46

SHEET NO. 47

jcapra 3/28/2016 10:15:11 AM P:\7844-Wekiva3B\23827525201\roadway\planrd01.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SEE CUL-DE-SAC DETAIL FOR ADDITIONAL INFORMATION

N

0 10 40
Feet

MATCHLINE STA. 27+40

MATCHLINE STA. 32+80

PINECREST RD. N 00° 08' 00" W

STANLEY BELL DR. N 00° 00' 45" W

CURRIN BLVD. N 00° 08' 00" W

+14.48
127.25' (LT)

+33.98
127.25' (LT)

℄ CONST. PINECREST RD.
+37.15
114.23' (LT)

+13.13
114.23' (LT)

R/W

CONST. 32' OF 18" PIPE

+94.49
38.92' (LT)
ELEV.=146.78
(MATCH EXIST.)

G 5

Exist. Steps
(TO REMAIN)

+72.88
38.95' (LT)
ELEV.=146.89
(MATCH EXIST.)

+12.53
38.94' (LT)
ELEV.=146.69
(MATCH EXIST.)

+09.67
49.07' (LT)

+86.55
38.99' (LT)
ELEV.=146.11
(MATCH EXIST.)

+16.39
39.04' (LT)
ELEV.=146.67
(MATCH EXIST.)

+13.13
41.05' (LT)

CONST. 30' OF 18" PIPE

S-310

Exist. Wall
(TO REMAIN)

S-311

+37.13
47.52' (LT)

+49.84
49.20' (LT)

+01.17
37.11' (LT)
MATCH EXIST.

6' CONC. SW
CONST. 209'
OF 18" PIPE

+62.96
22.54' (LT)

+22.17
8.50' (LT)

TYPE F C&G

S-313

Exist. Wall
(TO REMAIN)

5' CONC. SW
+98.84
32.22' (LT)

CR F

S-308

S-309

CONST. 147' OF 18" PIPE

5' CONC. SW

+86.55
31.99' (LT)

+86.55
32.99' (LT)

89°51'45"

6' CONC. SW

+87.72
8.50' (LT)

+60.00
25.19' (LT)

TRAFFIC SEPARATOR
(TYPE I, 8.5' WIDE)

25' R

90°00'

CONST. 49'
OF 18" PIPE

TYPE F C&G

CONST. 18' OF 18" PIPE

+88.96
16.07' (LT)

7' R

N 89° 52' 00" E

TYPE E C&G

40' 2" SLEEVE

+44.16
13.50' (RT)

+60.00
8.00' (LT)

+50.00
13.50' (RT)

CR G

+99.61
27.04' (RT)

+67.11
0.34' (RT)

SR 46

℄ CONST. SR 46

+43.96
41.50' (RT)

+87.72
3.04' (RT)

+50.00
25.50' (RT)

BEGIN PROJECT
STA. 31+44.56

+93.96
54.50' (RT)

TYPE F C&G

S-312

+73.64
50.00' (RT)

+99.27
35.03' (RT)

+48.01
50.01' (RT)

R/W

CONST. 18" PIPE

6' CONC. SW

+06.10
50.88' (RT)

CONST. 283'
OF 18" PIPE

+42.77
49.45' (RT)

6' CONC. SW

+92.94
62.50' (RT)

PROP. SOUND WALL

℄ CONST. CURRIN BLVD.

PROP. SOUND WALL

LA R/W

+72.94
143.13' (RT)

+68.54
146.95' (RT)

PROP. SOUND WALL

LA R/W

+69.96
167.22' (LT)

R/W

LA R/W

+37.36
138.17' (LT)

+69.96
152.22' (LT)

℄ CONST. STANLEY
BELL DR.

S-315

LA R/W

+37.36
49.07' (LT)

LA R/W

S-314

CONST. 132' OF 24" PIPE

LEGEND:

MILLING &
RESURFACING

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

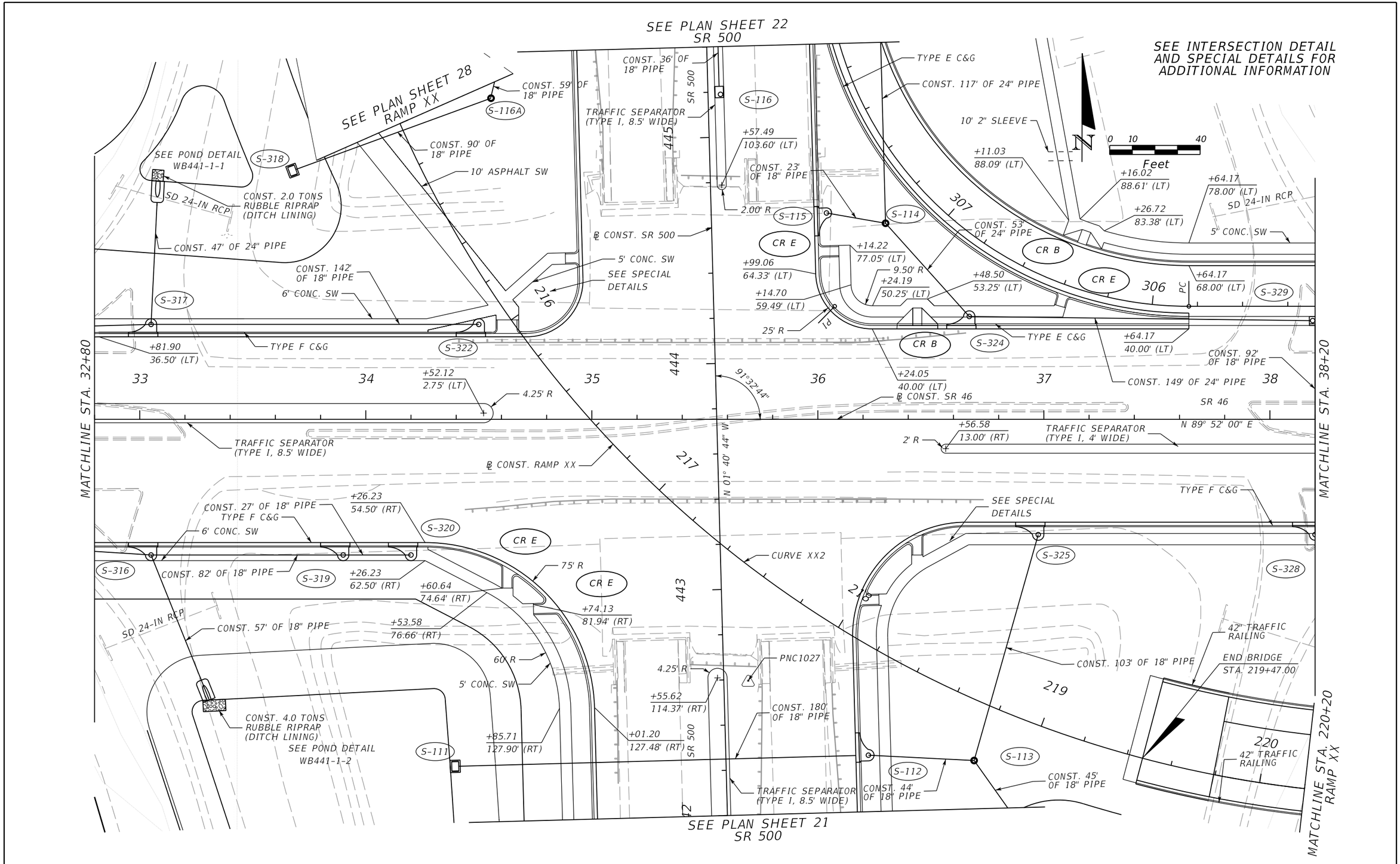
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

PLAN SHEET 2
SR 46

SHEET NO. 48

jcapra 3/28/2016 10:15:12 AM P:\7844-Wekiva3B\23827525201\roadway\planrd02.dgn



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

PLAN SHEET 3
SR 46

SHEET NO.
49

jcapra 3/28/2016 10:15:14 AM P:\7844-Wekiva3B\23827525201\roadway\planrd03.dgn

N

0 10 40
Feet

MATCHLINE STA. 38+20

MATCHLINE STA. 43+60

MATCHLINE STA. 220+20
RAMP XX

TRAFFIC SEPARATOR
(TYPE I, 4' WIDE)

TRAFFIC SEPARATOR
(TYPE I, 4' WIDE)

S-328

S-329

S-330

S-331

S-332

S-333

S-334

S-335

S-336

S-345

S-346

S-347

+20.99
116.66' (LT)

LA R/W

+43.97
100.00' (LT)

+59.06
115.52' (LT)

+54.31
59.00' (LT)

TCE

+52.22
61.01' (LT)

+17.56
101.01' (LT)

R/W

5' CONC. SW

CONST. 88' OF 24" PIPE

CONST. 19'
OF 24" PIPE

TYPE F C&G

CONST. 143' OF 24" PIPE

RAMP YY

CONST. 124' OF 24" PIPE
S 89° 52' 00" W

2' R

+48.19
63.36' (LT)

PT

1000' R

+48.58
56.02' (LT)

+51.72
53.01' (LT)

+59.53
33.00' (LT)

120' 6" SLEEVE

CONST. 62' OF 30" PIPE

℄ CONST. RAMP YY

CONST. 50' OF 18" PIPE

+41.50
10.46' (RT)

+26.76
11.00' (LT)

CURVE YY1

PC

CURVE 461

N 89° 52' 00" E

PC

1421' R

TYPE E C&G

SD 42-IN RCP

1443' R

+41.50
16.50' (RT)

+60.00
16.50' (RT)

+60.00
45.50' (RT)

1895' R

℄ CONST. SR 46

+54.09
11.00' (RT)

+54.09
40.00' (RT)

SD 24-IN RCP

SR 46
CONST. 42' OF 18" PIPE

1472' R

5' CONC. SW

PI

TYPE F C&G

1924' R

50' 2" SLEEVE

CONST. 87' OF 30" PIPE

+93.09
30.00' (LT)

42" TRAFFIC RAILING

+20.21
35.00' (LT)

+99.76
30.00' (LT)

32" TRAFFIC RAILING

℄ CONST. RAMP XX

CONST. 33' OF 18" PIPE

CONST. 50' OF 30" PIPE

RAMP XX

PC

CURVE XX3

LA R/W

CURVE XX2

+93.09
10.00' (RT)

PT

+99.76
10.00' (RT)

N 76° 22' 46" E

+99.64
21.75' (RT)

CONST. 43' OF 30" PIPE

42" TRAFFIC RAILING

32" TRAFFIC RAILING

+34.83
186.95' (RT)

LA R/W

SEE POND DETAILS FOR ADDITIONAL INFORMATON

39 40 41 42 43 301 302 303 304 305 221 222 223 224 225 226

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

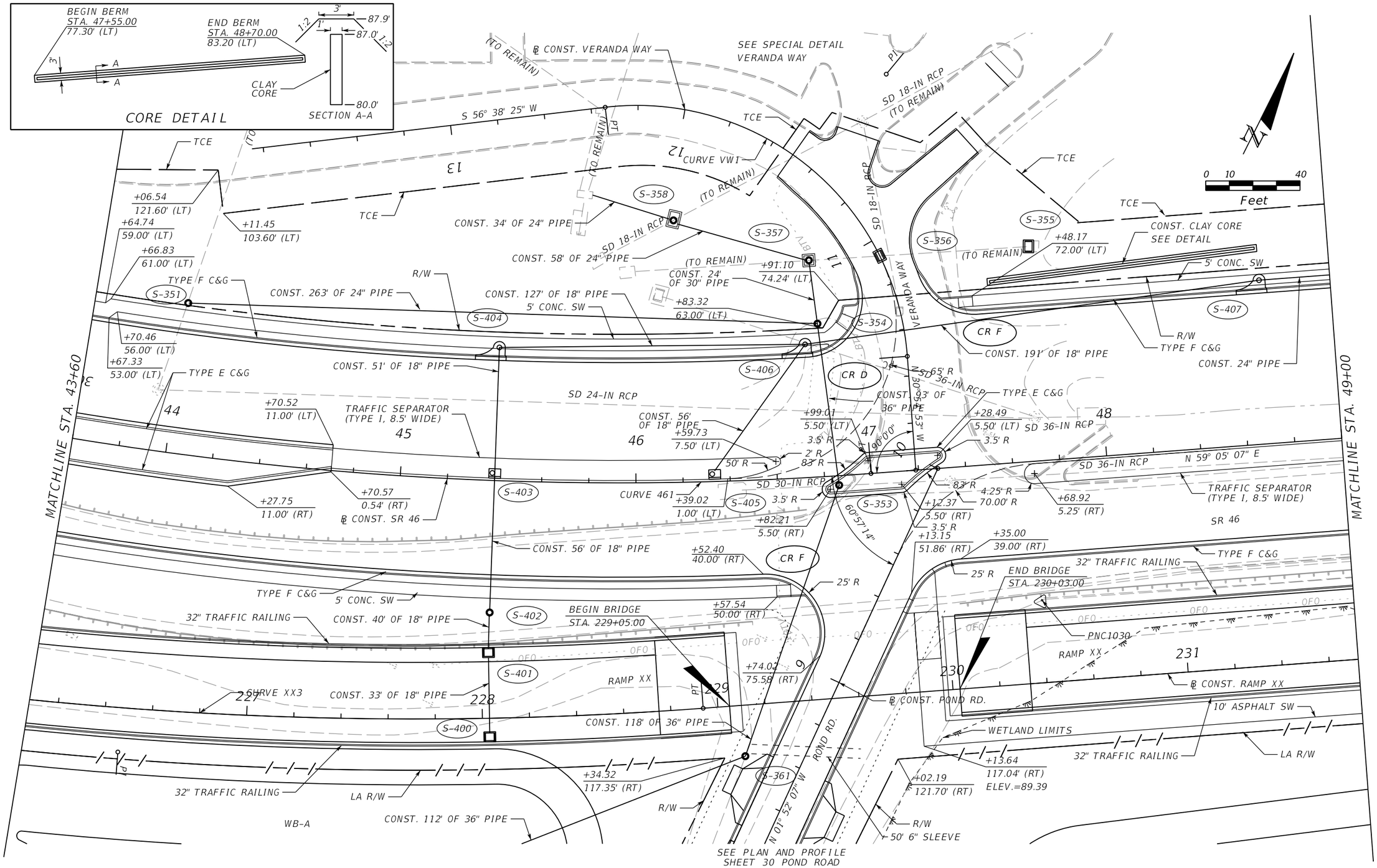
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

PLAN SHEET 4
SR 46

SHEET NO. 50

jcapra 3/28/2016 10:15:16 AM P:\7844-Wekiva3B\23827525201\roadway\planrd04.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

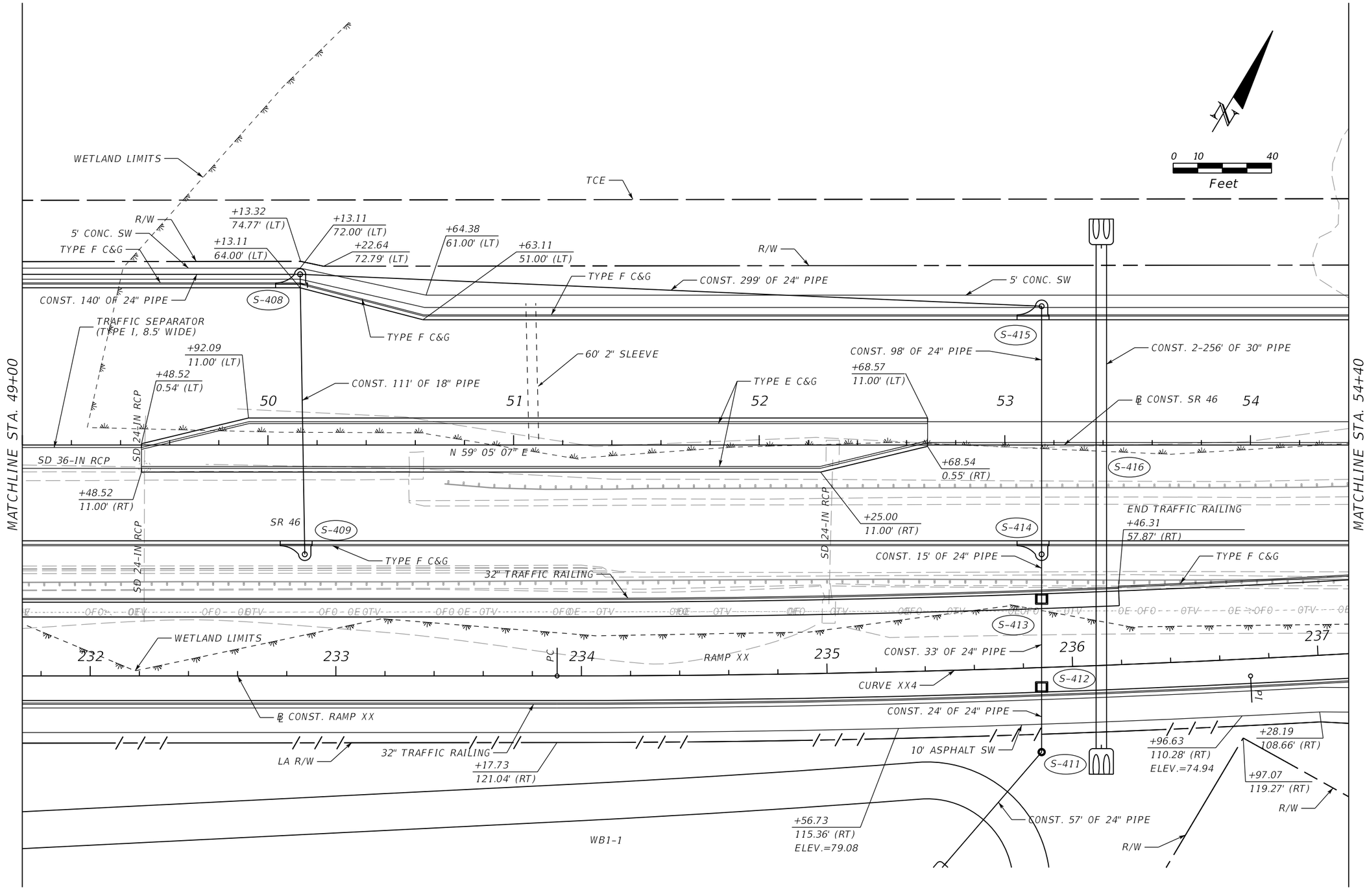
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

PLAN SHEET 5
SR 46

SHEET NO. 51

jcapra 3/28/2016 10:15:18 AM P:\7844-Wekiva3B\23827525201\roadway\planrd05.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

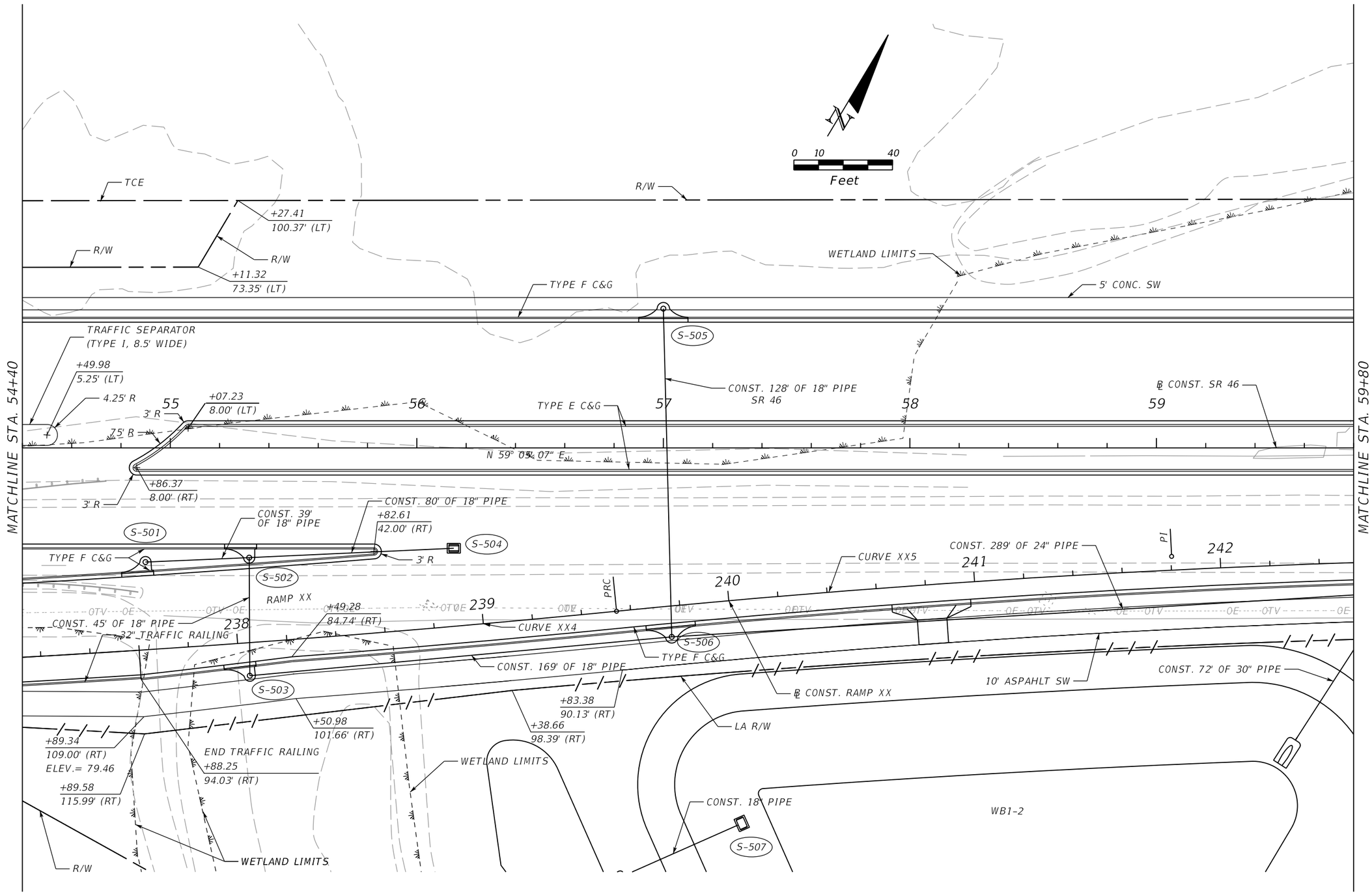
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

PLAN SHEET 6
SR 46

SHEET NO. 52

jcapra 3/28/2016 10:15:19 AM P:\7844-Wekiva3B\23827525201\roadway\planrd06.dgn



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

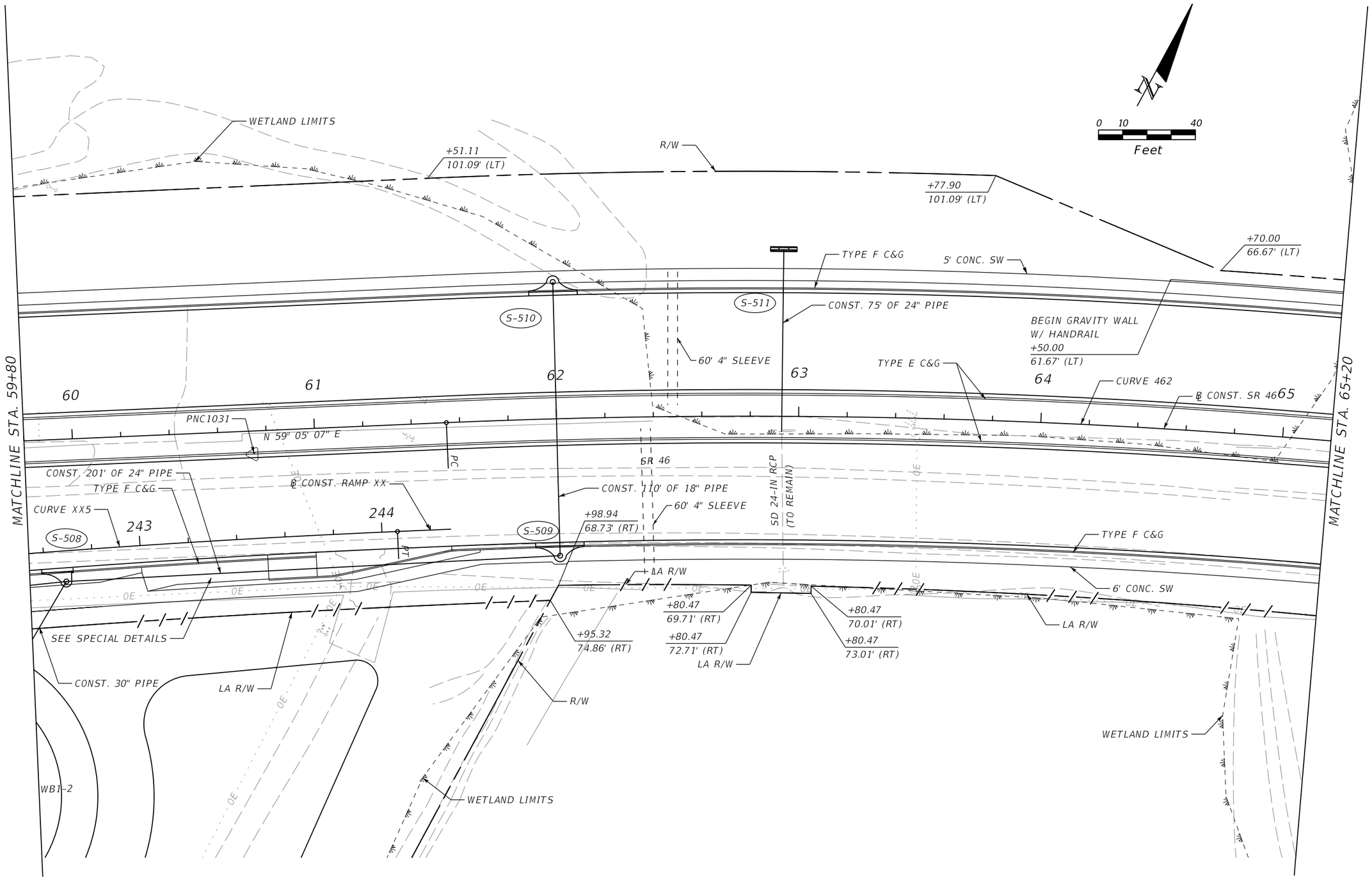
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

PLAN SHEET 7
SR 46

SHEET NO. 53

jcapra 3/28/2016 10:15:20 AM P:\7844-Wekiva3B\23827525201\roadway\planrd07.dgn



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

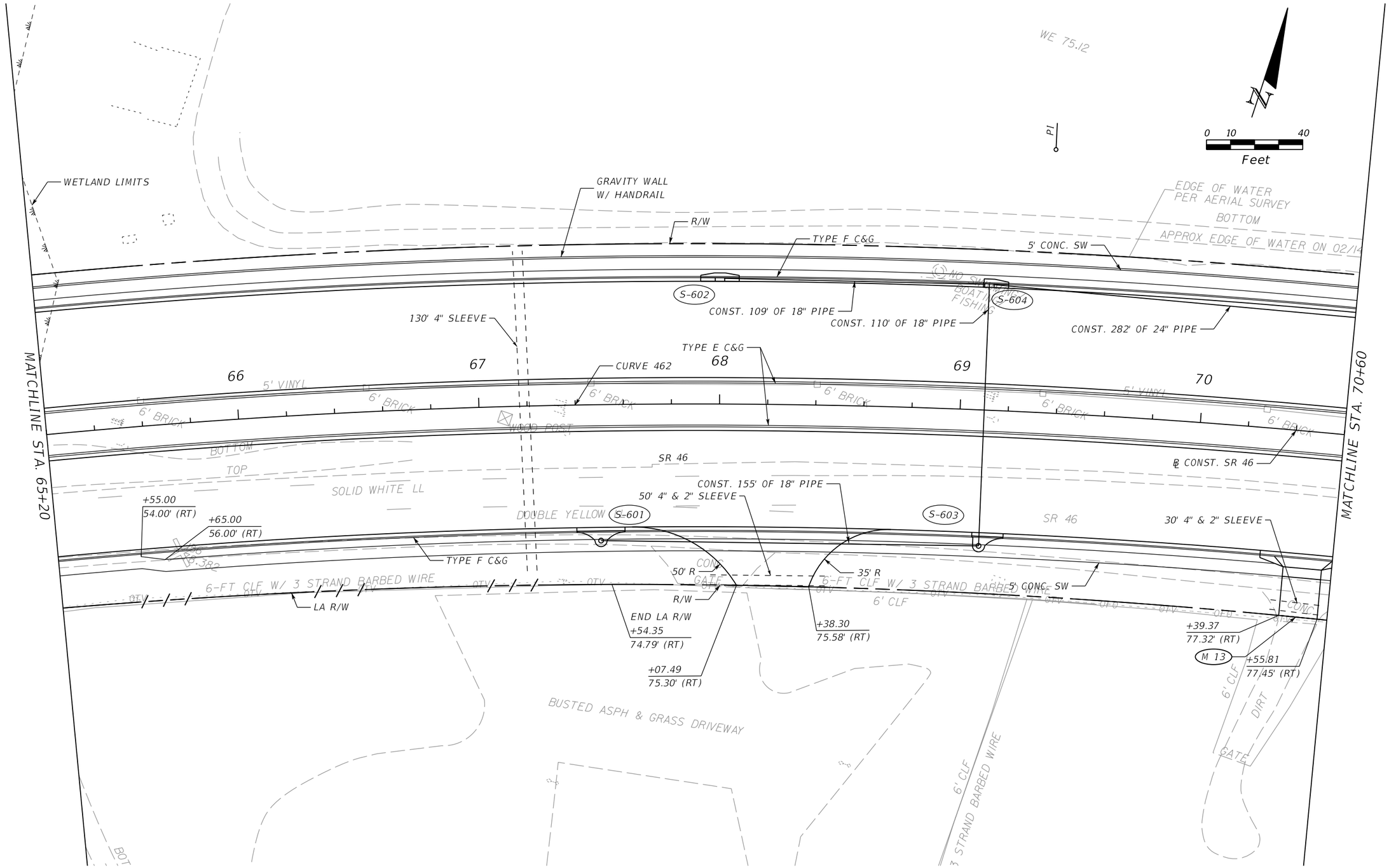
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

PLAN SHEET 8
SR 46

SHEET NO. 54

jcapra 3/28/2016 10:15:22 AM P:\7844-Wekiva3B\23827525201\roadway\planrd08.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

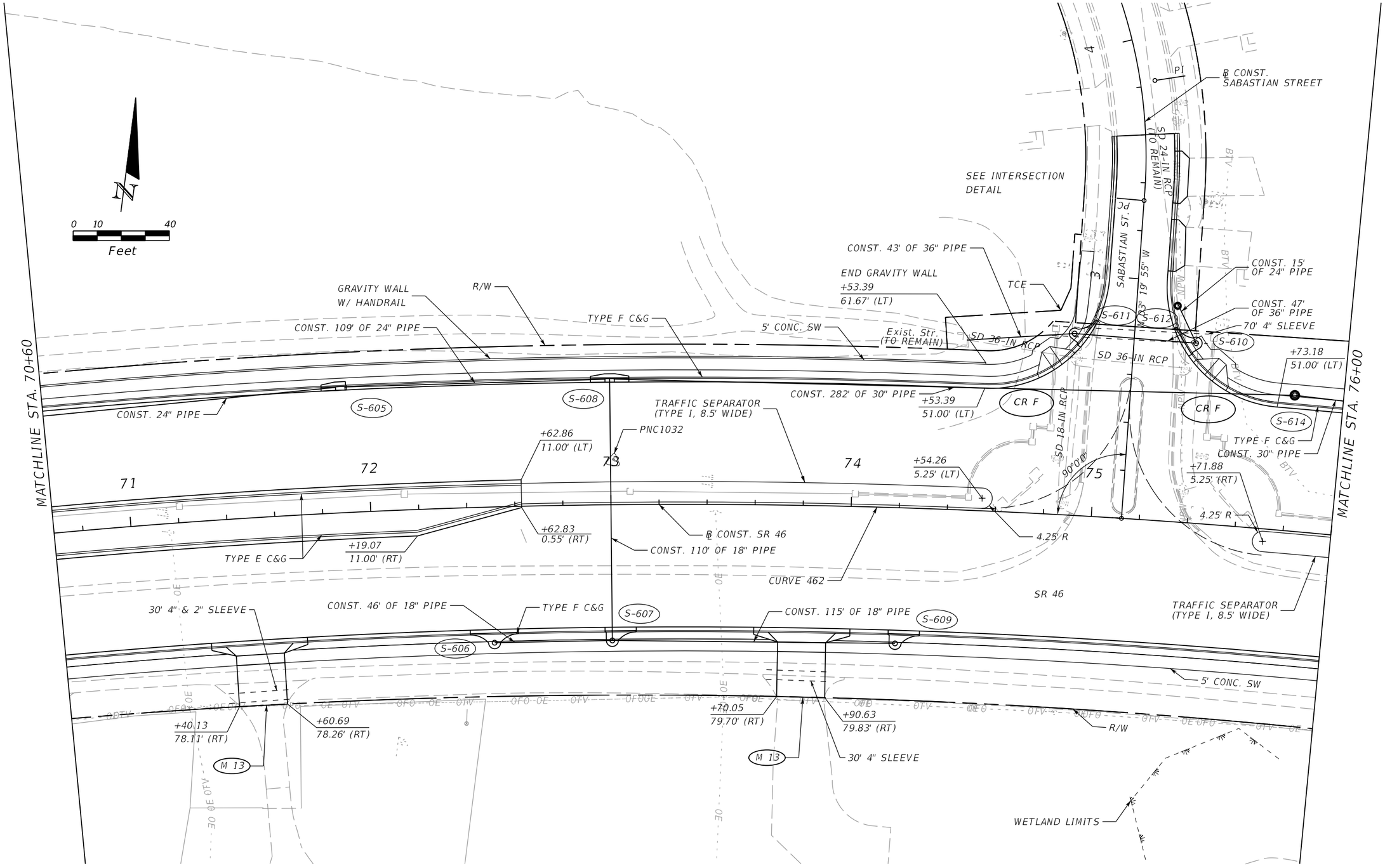
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

PLAN SHEET 9
SR 46

SHEET NO. 55

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

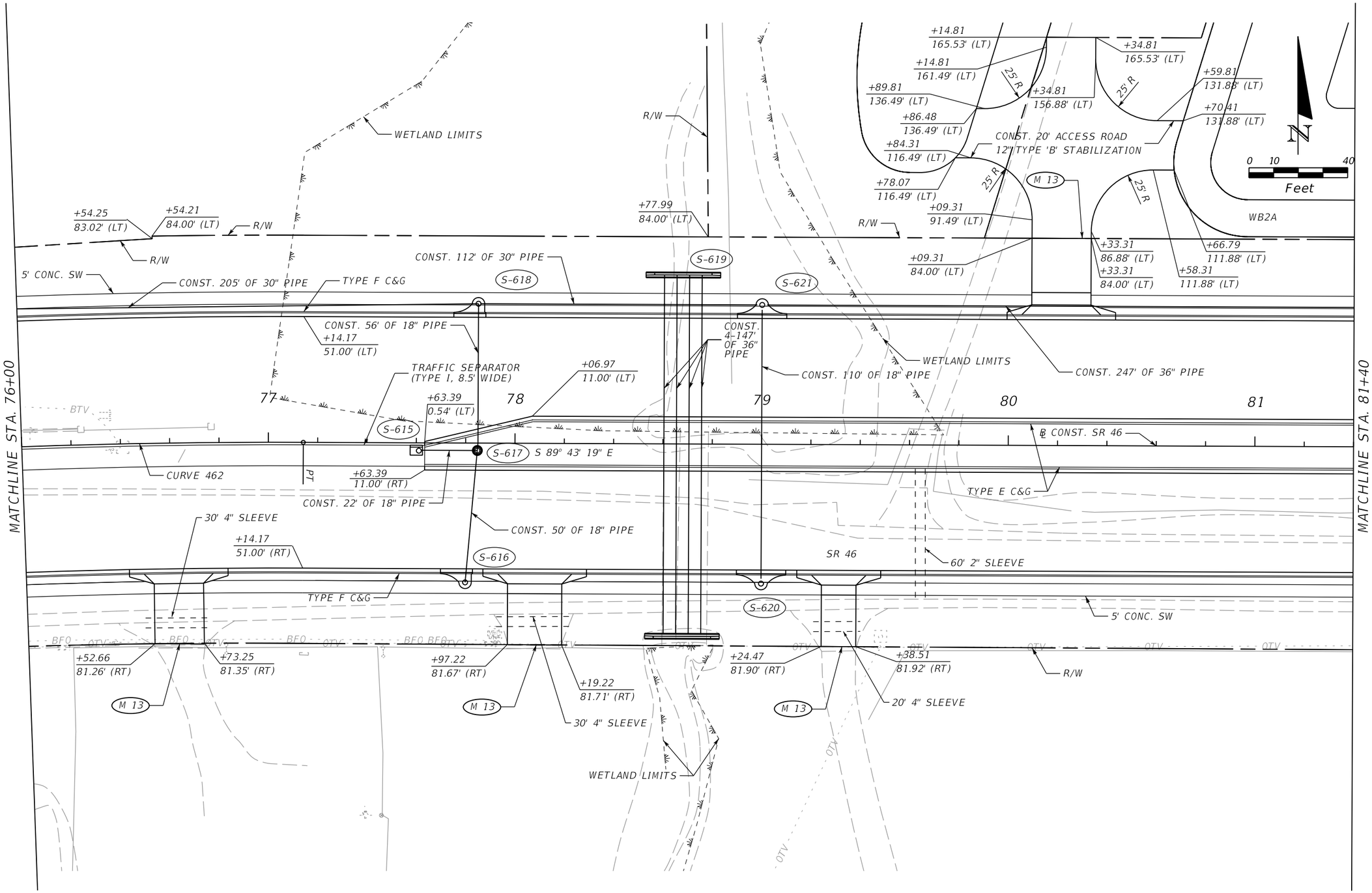
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

PLAN SHEET 10
SR 46

SHEET NO.
56

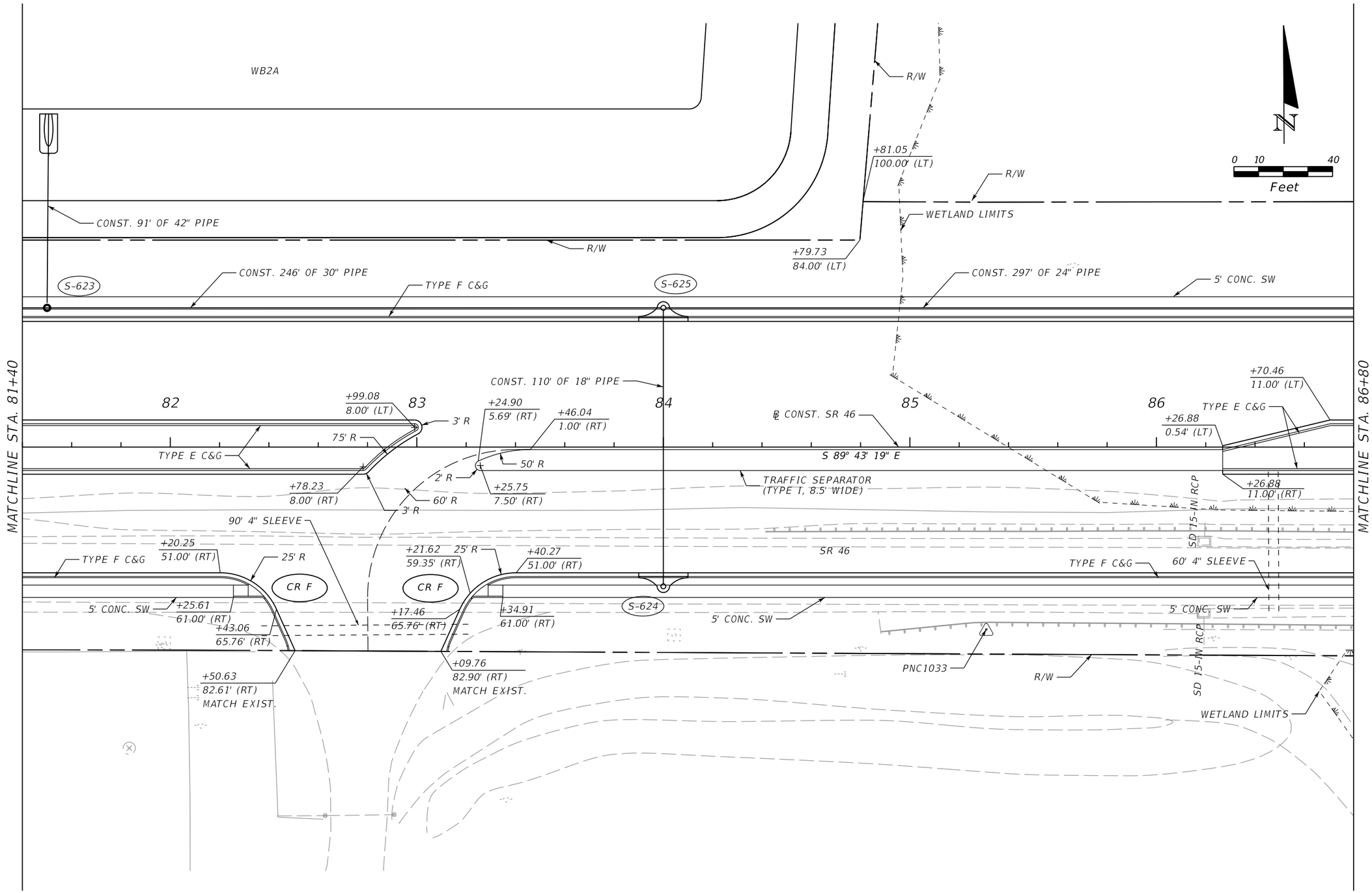
jcapra 3/28/2016 10:15:24 AM P:\7844-Wekiva3B\23827525201\roadway\planrd10.dgn



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET 11 SR 46	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: JEFFREY A. MESSENGER, P.E. FL REGISTRATION NO. 57539	SR 46	LAKE	238275-2-52-01		57

jcapra 3/28/2016 10:15:26 AM P:\7844-Wekiva3B\23827525201\roadway\planrd11.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

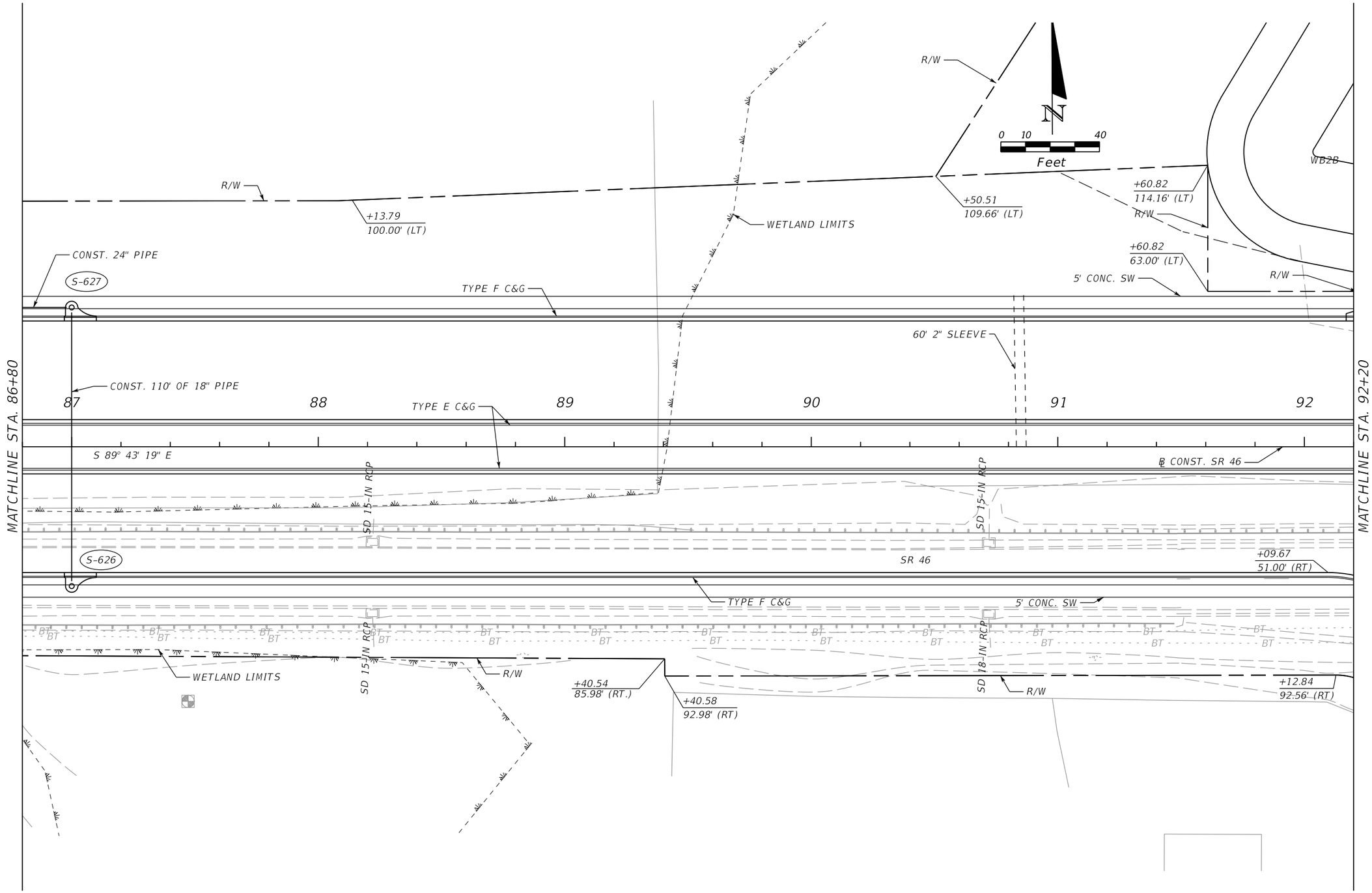
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

PLAN SHEET 12
SR 46

SHEET NO. 58

jcapra 3/28/2016 10:15:27 AM P:\7844-Wekiva3B\23827525201\roadway\planrd12.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

PLAN SHEET 13
SR 46

SHEET NO. 59

jcapra 3/28/2016 10:15:29 AM P:\7844-Wekiva3B\23827525201\roadway\planrd13.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

MATCHLINE STA. 92+20

WB2B

CONST. 9.0 TONS RUBBLE RIPRAP (DITCH LINING)

CONST. 50' OF 30" PIPE

TYPE F C&G

5' CONC. SW

S-703

CONST. 68' OF 30" PIPE

CONST. 110' OF 18" PIPE

TYPE E C&G

℄ CONST. SR 46

S 89° 43' 19" E

90°0'0"

+33.67
51.00' (RT)

SR 46

TYPE F C&G

CR F

50' R

+48.90
70.00' (RT)

+20.37
61.00' (RT)

CONST DITCH PAV'T

SD 19-IN X 30-IN RCP (TO REMAIN)

Exist. R/W

51

VISTA VIEW

N 00° 16' 41" E

+59.67
101.00' (RT)

+37.88
117.34' (RT)

+59.67
140.90' (RT)

+60.63
160.00' (RT)

℄ CONST. VISTA VIEW

+83.67
140.90' (RT)

+80.85
160.00' (RT)

CR F

50' R

+22.96
61.00' (RT)

+50.00
67.21' (RT)

GRADE TO DITCH

+28.91
91.41' (RT)

+83.67
101.00' (RT)

+03.87
116.64' (RT)

R/W

S-702 TYPE F C&G

5' CONC. SW

CONNECT TO PROJECT 238275-3-52-01

CONST. DITCH PAV'T

168.50' R

+50.00
80.45' (RT)

R/W

+22.69
89.63' (LT)

R/W

+66.31
89.69' (LT)

+22.69
63.00' (LT)

END CONST.
END PROJECT
238275-2-52-01
STA. 94+00.00
BEGIN PROJECT
238275-3-52-01

93 94 95 96 97

N

0 10 40
Feet

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

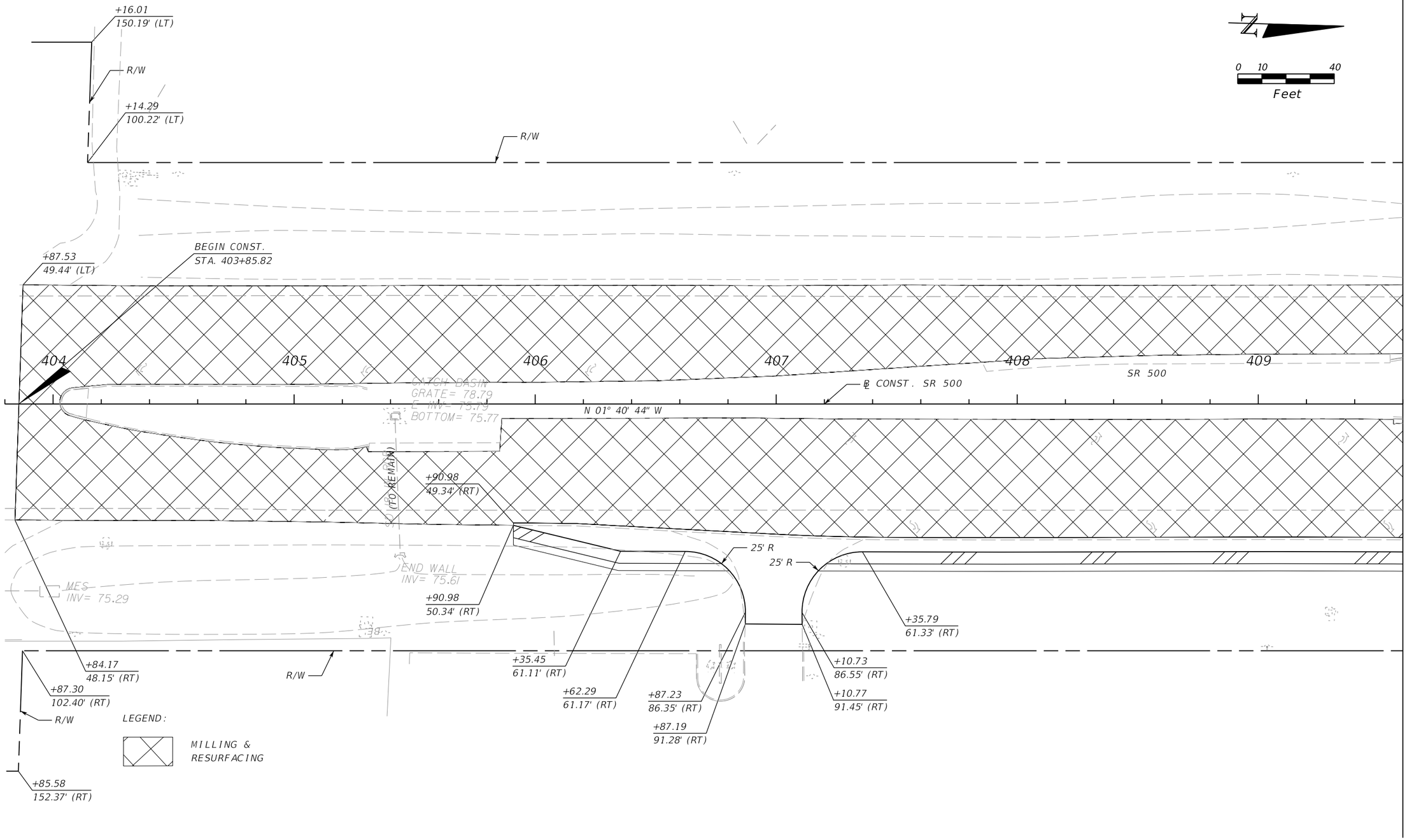
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

PLAN SHEET 14
SR 46

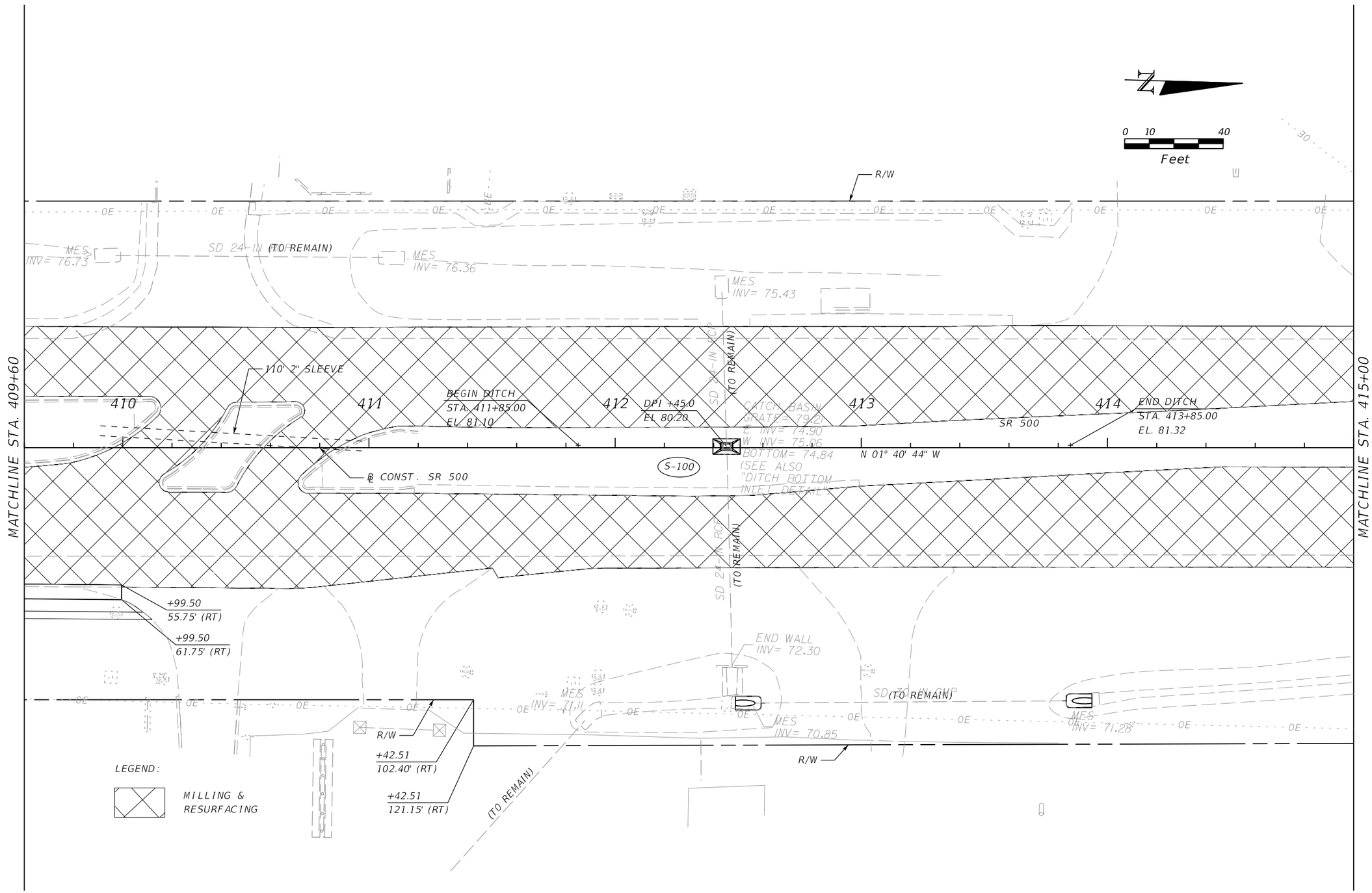
SHEET NO. 60



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET 15 SR 500	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: JEFFREY A. MESSENGER, P.E. FL REGISTRATION NO. 57539	SR 46	LAKE	238275-2-52-01		61

jcapra 3/28/2016 10:15:31 AM P:\7844-Wekiva3B\23827525201\roadway\planrd15.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

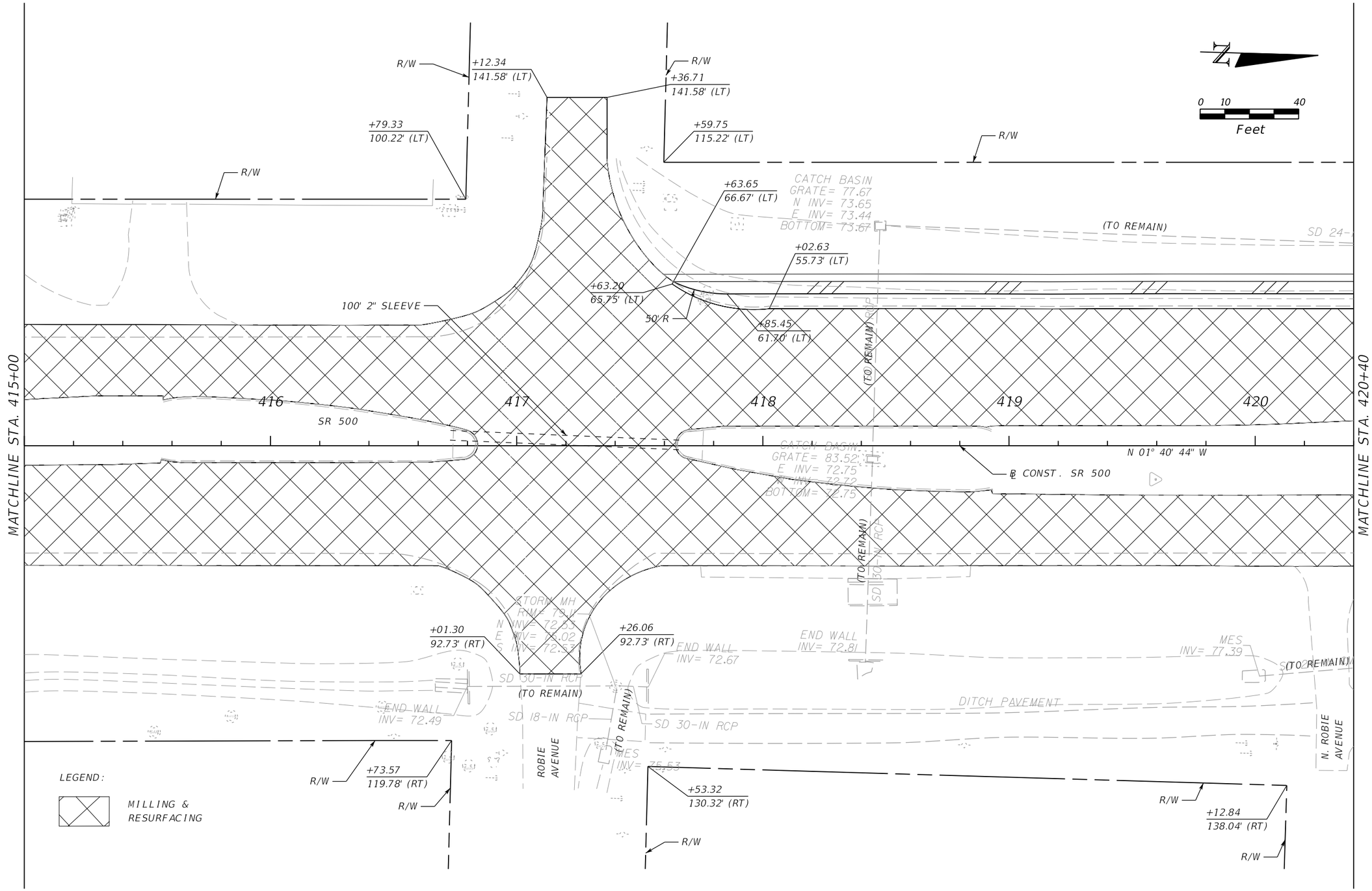
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

PLAN SHEET 16
SR 500

SHEET NO. 62

jcapra 3/28/2016 10:15:33 AM P:\7844-Wekiva3B\23827525201\roadway\planrd16.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

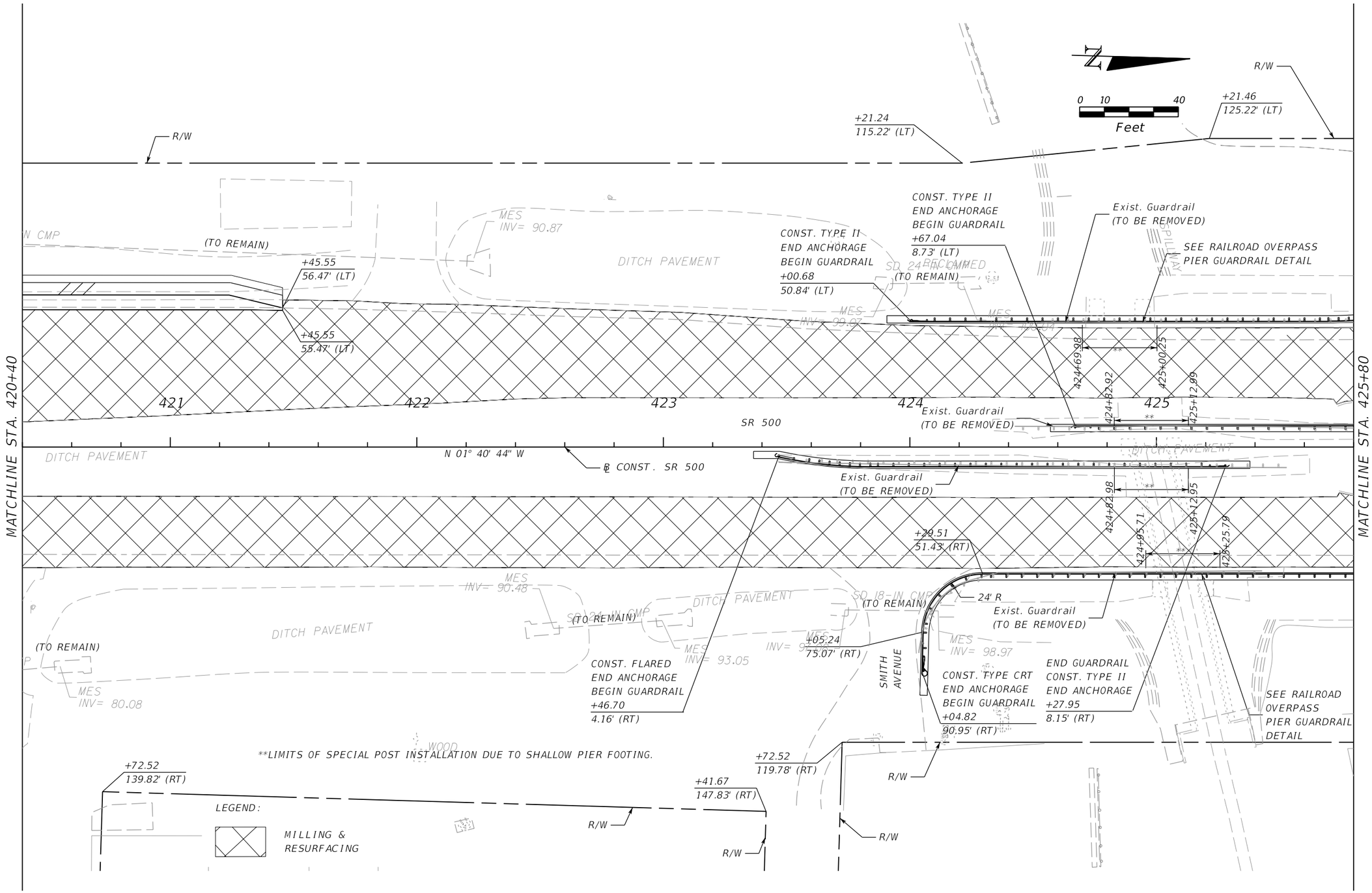
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

PLAN SHEET 17
SR 500

SHEET NO. 63



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

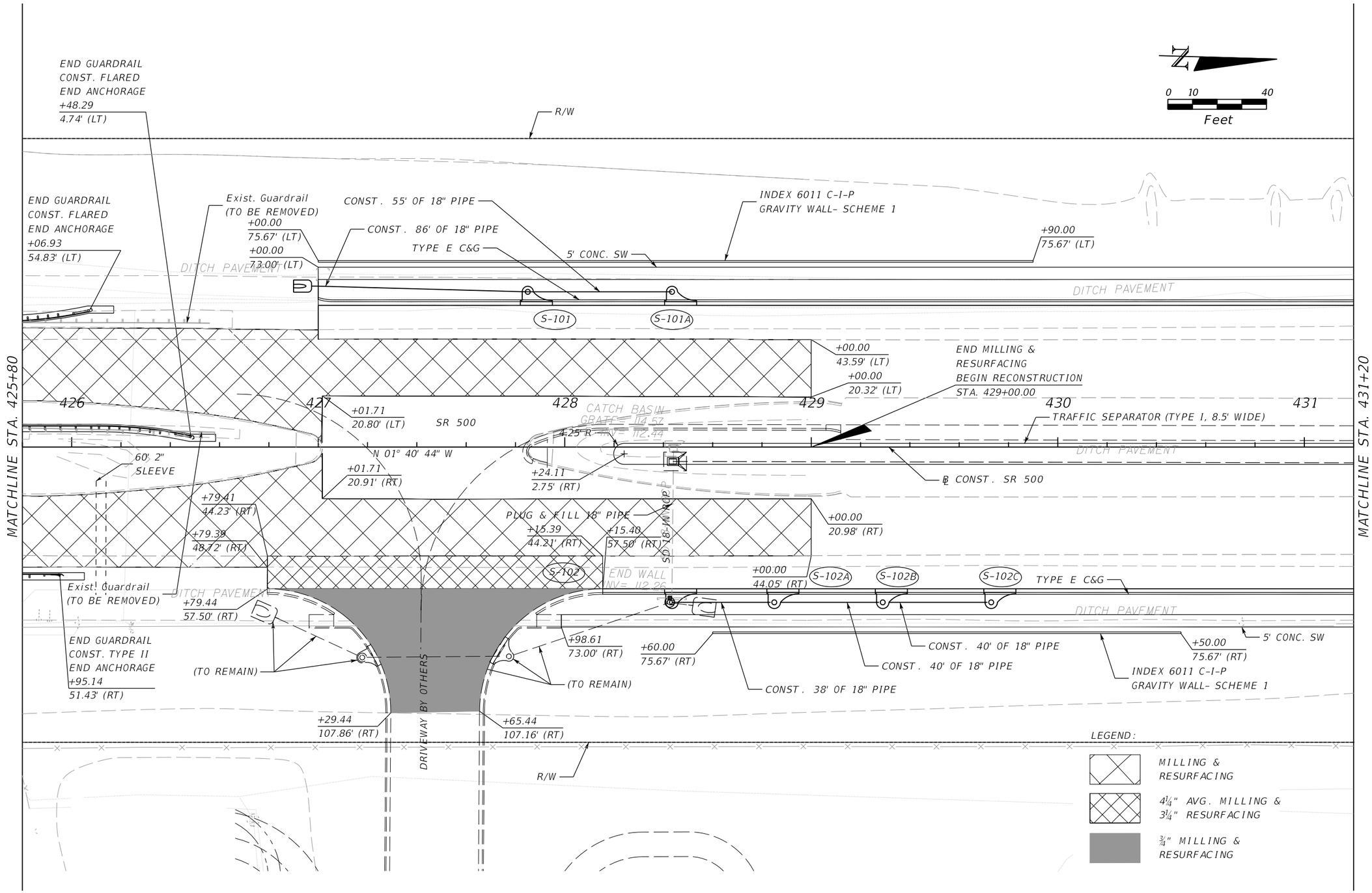
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

PLAN SHEET 18
SR 500

SHEET NO. 64

jcapra 3/28/2016 10:15:35 AM P:\7844-Wekiva3B\23827525201\roadway\planrd18.dgn



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

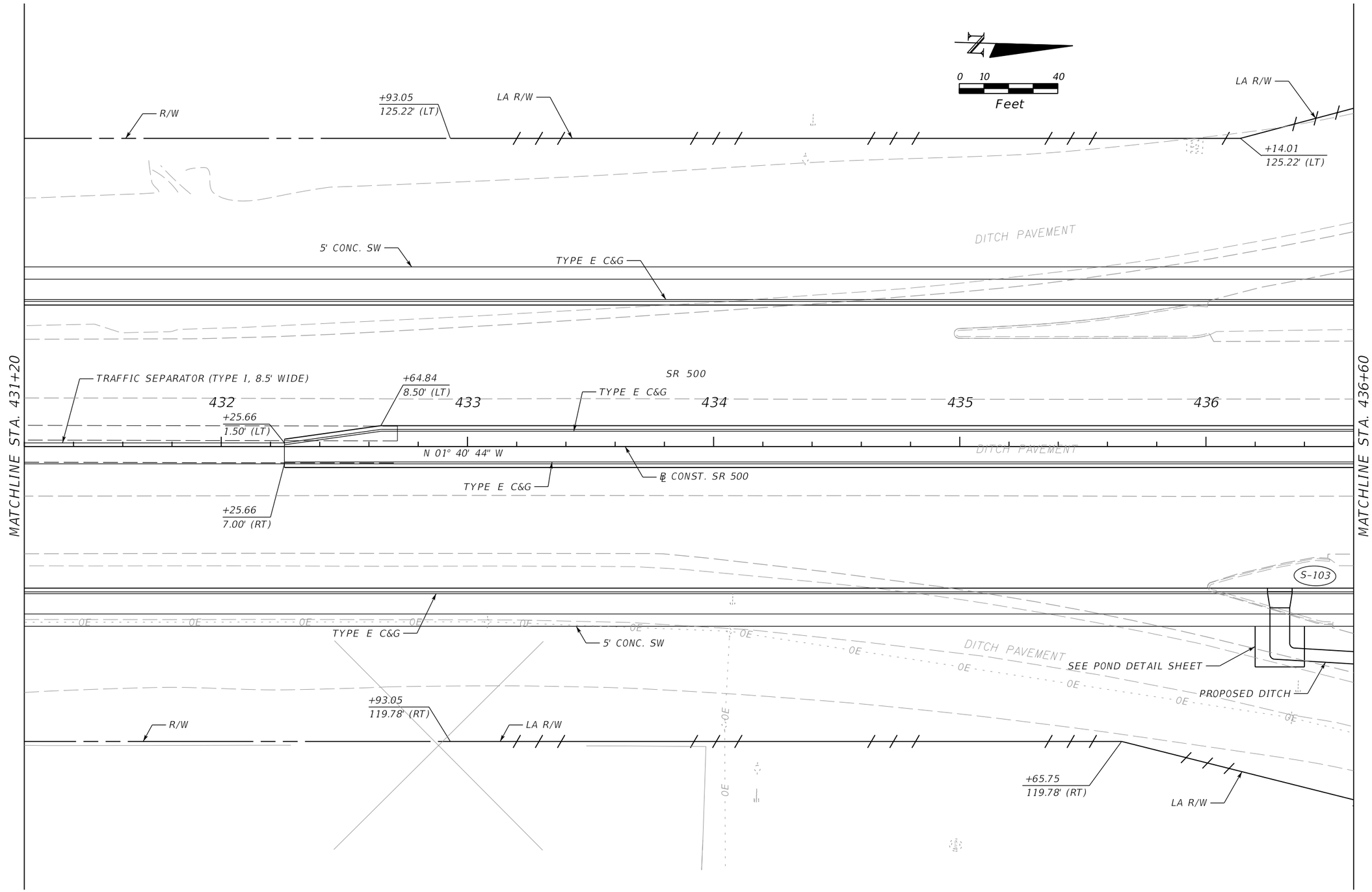
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

PLAN SHEET 19
SR 500

SHEET NO. 65

jcapra 3/28/2016 10:15:37 AM P:\7844-Wekiva3B\23827525201\roadway\planrd19.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

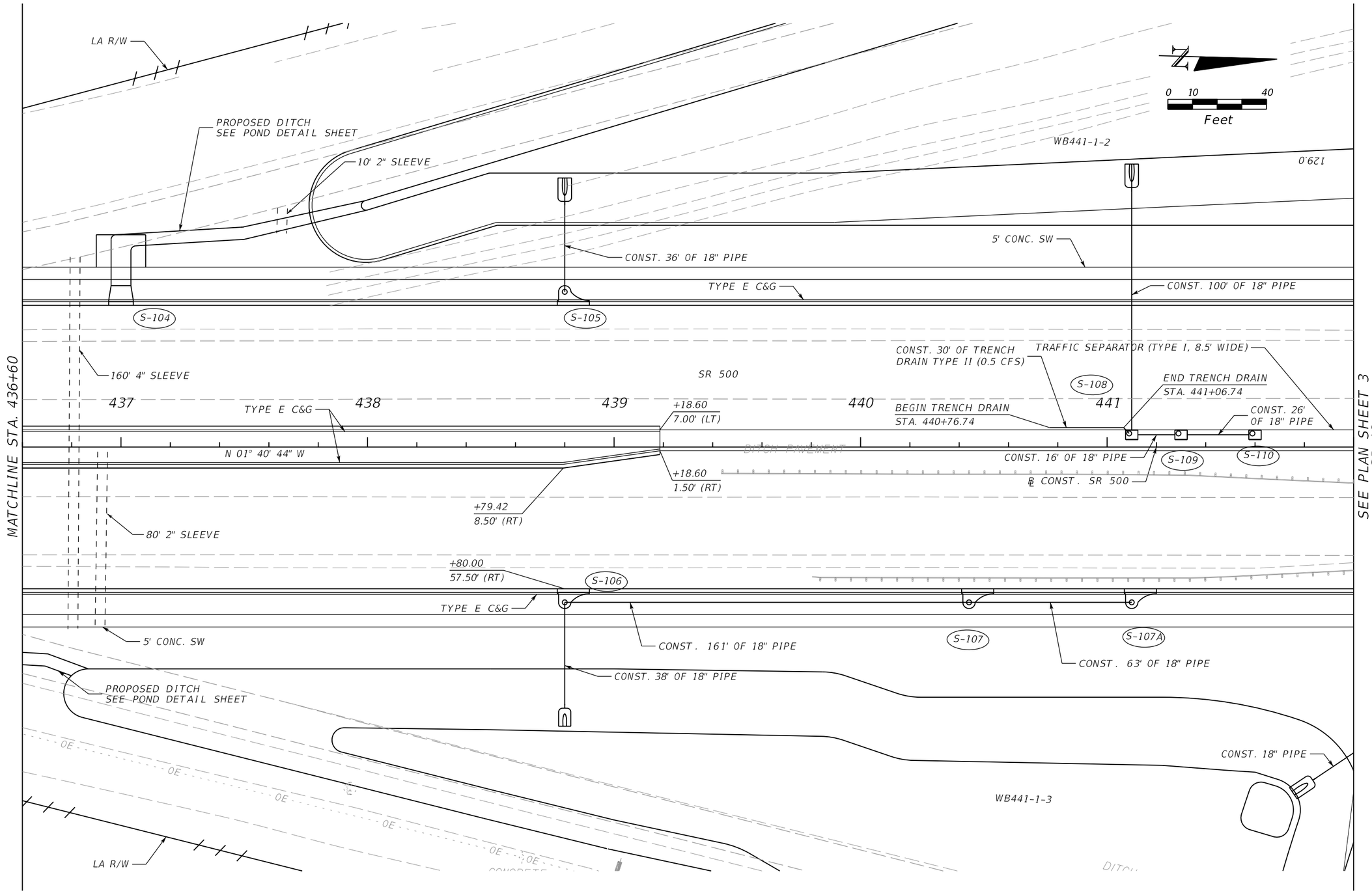
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

PLAN SHEET 20
SR 500

SHEET NO. 66

jcapra 3/28/2016 10:15:40 AM P:\7844-Wekiva3B\23827525201\roadway\planrd20.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

PLAN SHEET 21
SR 500

SHEET NO. 67

jcapra 3/28/2016 10:15:41 AM P:\7844-Wekiva3B\23827525201\roadway\planrd21.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

N

0 10 40
Feet

SEE PLAN SHEET 3
SR 46

MATCHLINE STA. 450+80

SEE PLAN SHEET 28
RAMP XX

MATCHLINE STA. 209+20
RAMP XX

TYPE F C&G
5' CONC. SW
210
RAMP XX
NPW
G
CURVE XX1
50' 4" SLEEVE
PI
NPW BT
℄ CONST. RAMP XX
TYPE E C&G

CONST. 18" PIPE
CONST. 59' OF 18" PIPE
TYPE E C&G
CONST. 21' OF 18" PIPE
CONST. 21' OF 18" PIPE
CONST. 21' OF 18" PIPE
CONST. 32' OF 18" PIPE
S-118
S-120B
S-120C
S-120E
S-120F
S-121
+49.25
57.50' (LT)
TYPE E C&G
+99.25
45.50' (LT)
TYPE E C&G
S-124
CONST. 82' OF 18" PIPE
CONST. 18" PIPE
BEGIN TRENCH DRAIN
STA. 445+84.20
CONST. 30' OF TRENCH
DRAIN TYPE II (0.5 CFS)
446
447
+78.84
1.46' (RT)
448
+20.33
8.50' (LT)
SR 500
℄ CONST. SR 500
449
60' 4" SLEEVE
450
TYPE E C&G
S-117
END TRENCH DRAIN
STA. 446+14.20
N 01° 40' 44" W
CONST. 16' OF 18" PIPE
S-119
TRAFFIC SEPARATOR (TYPE I, 8.5' WIDE)
+78.84
8.50' (RT)
CONST. 147' OF 18" PIPE
STA. 312+94.80
= STA. 450+42.80
℄ SR 500
CONST. 55' OF 18" PIPE
+54.95
45.50' (RT)
S-120
CONST. 81' OF 18" PIPE
308
309
PT
S-120D
310
311
312
N 3° 54' 13" W
90' 4" SLEEVE
90' 4" SLEEVE
℄ CONST. RAMP YY
S-125
+43.49
57.50' (RT)
N 1° 40' 44" W
+55.18
52.48' (RT)
S-120A
CONST. 25' OF 18" PIPE
S-122
+80.60
71.50' (RT)
TYPE E C&G
+70.16
71.50' (RT)
CONST. 177' OF 18" PIPE
CONST. 278' OF 18" PIPE
+44.20
73.00' (RT)
5' CONC. SW
TYPE E C&G
LA R/W

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

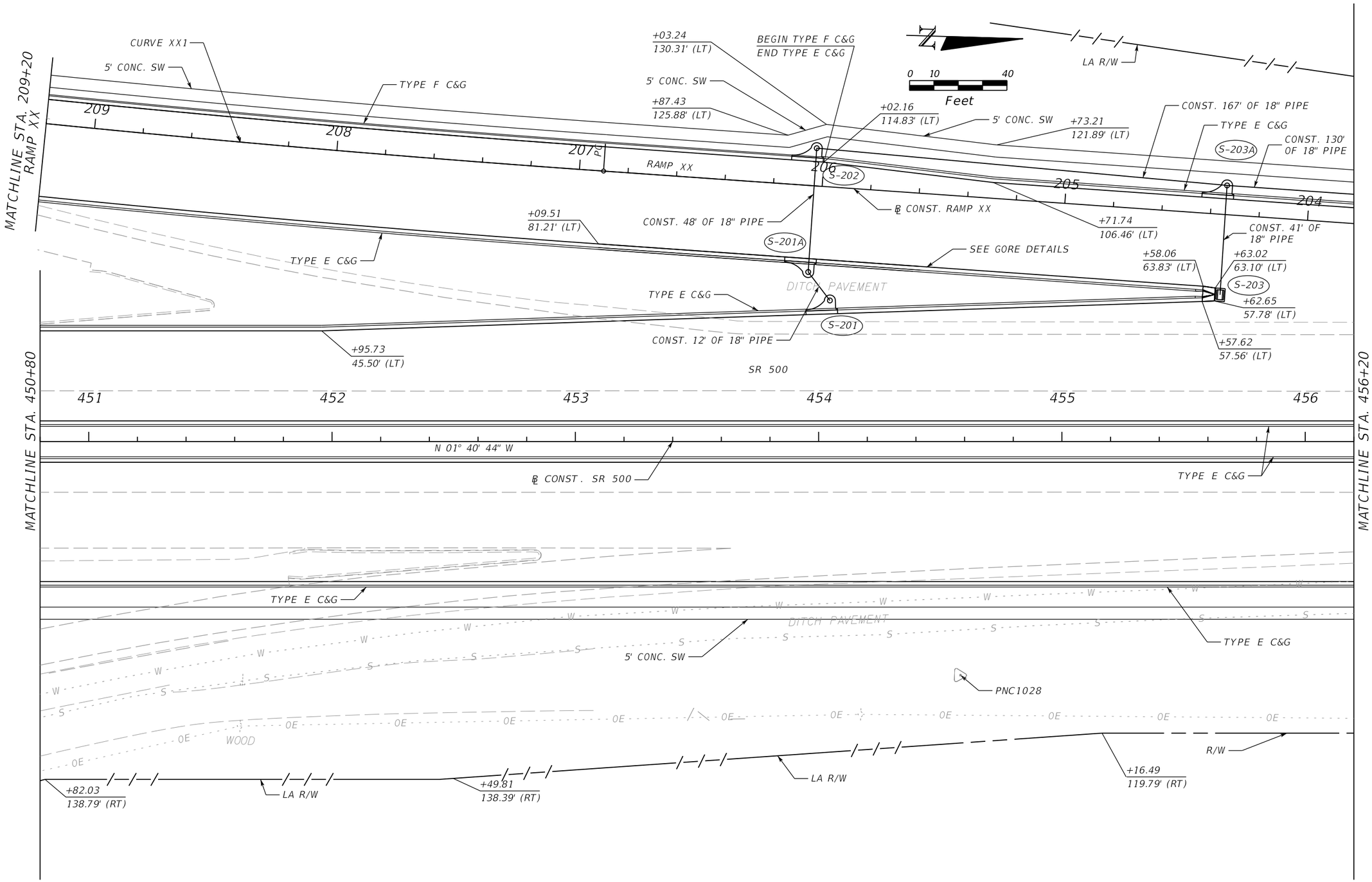
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

PLAN SHEET 22
SR 500

SHEET NO. 68

jcapra 3/28/2016 10:15:42 AM P:\7844-Wekiva3B\23827525201\roadway\planrd22.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

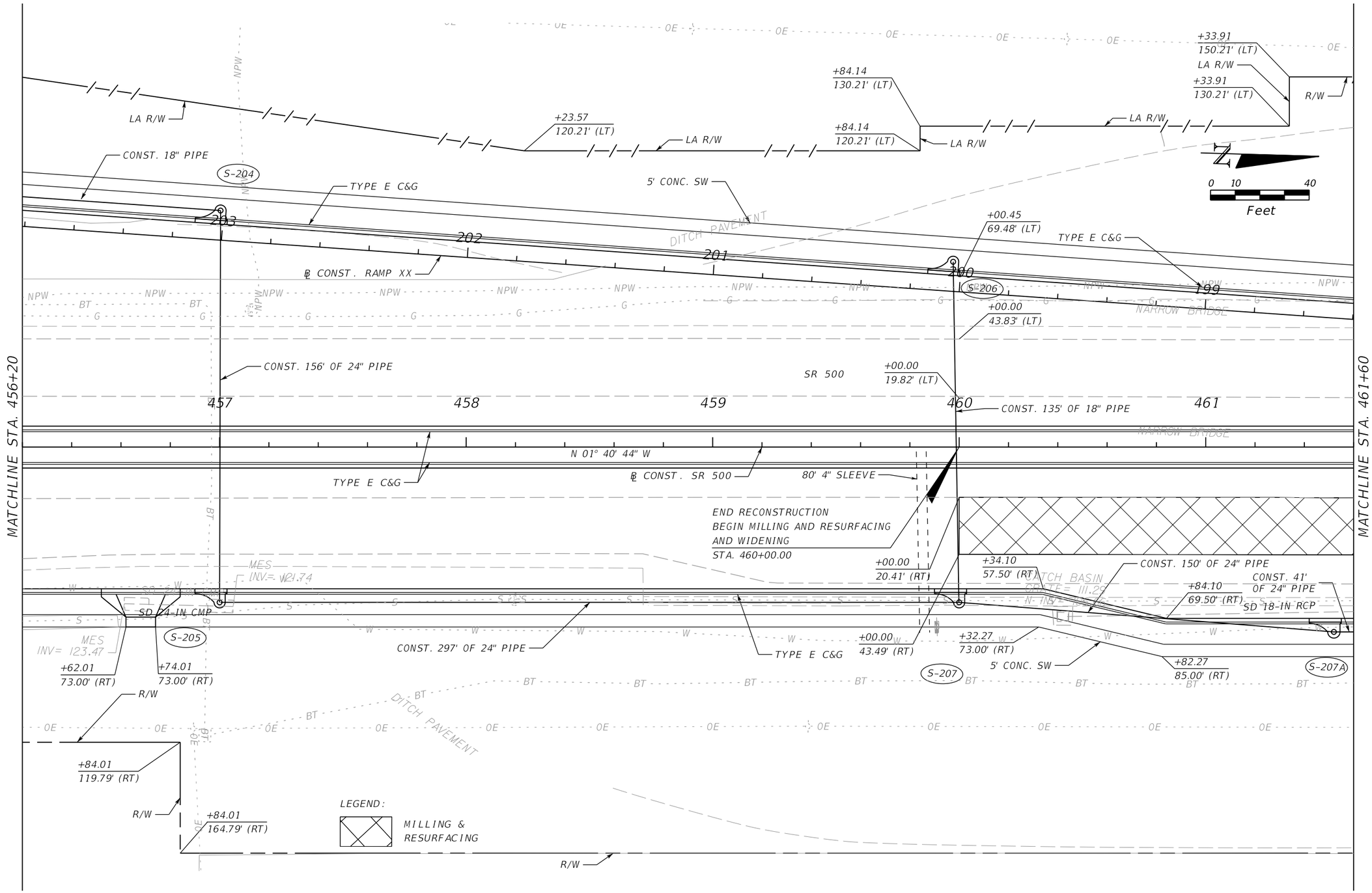
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

PLAN SHEET 23
SR 500

SHEET NO. 69

jcapra 3/28/2016 10:15:44 AM P:\7844-Wekiva3B\23827525201\roadway\planrd23.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

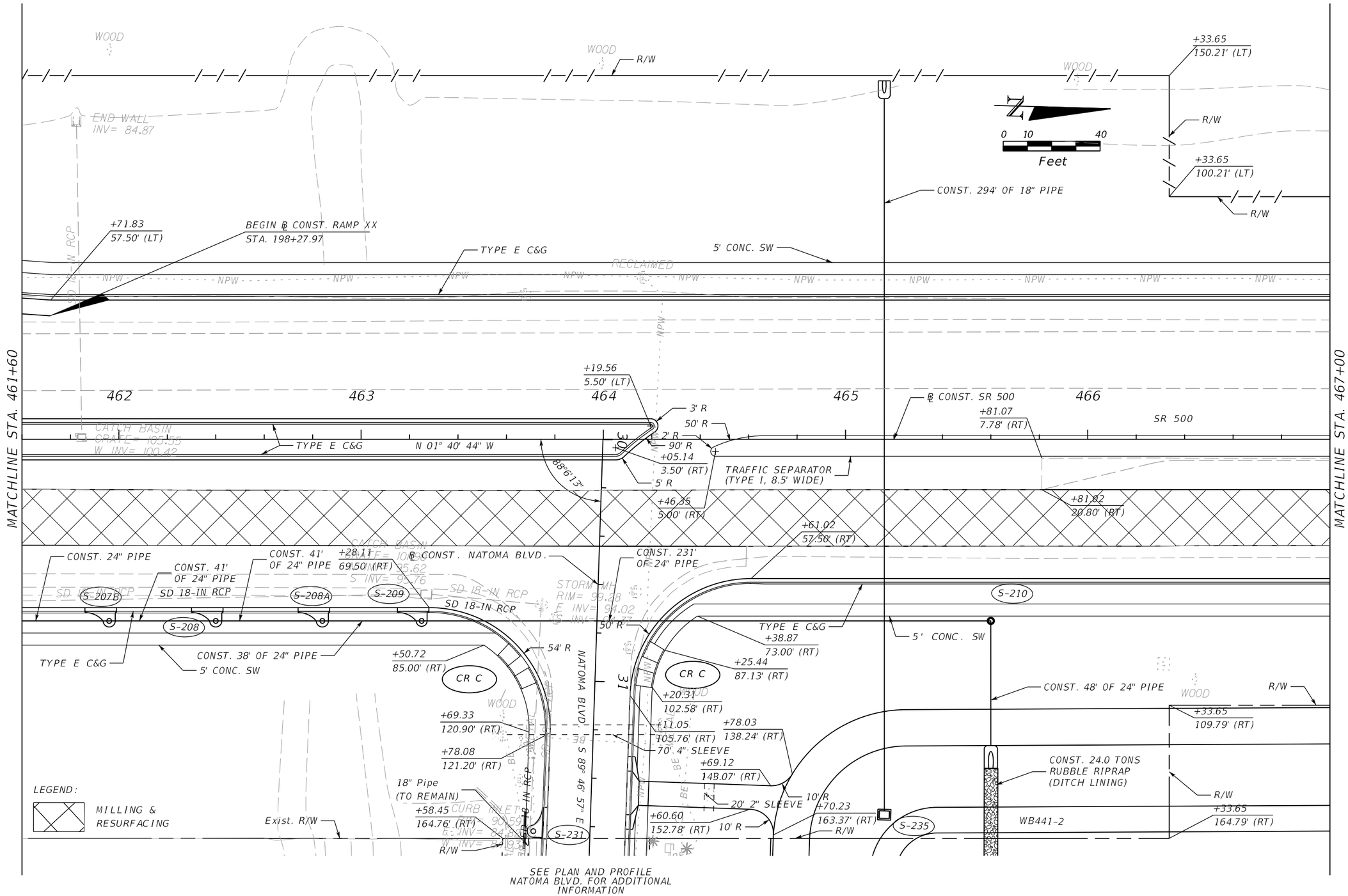
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

PLAN SHEET 24
SR 500

SHEET NO. 70

jcapra 3/28/2016 10:15:45 AM P:\7844-Wekiva3B\23827525201\roadway\planrd24.dgn



SEE PLAN AND PROFILE
NATOMA BLVD. FOR ADDITIONAL
INFORMATION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

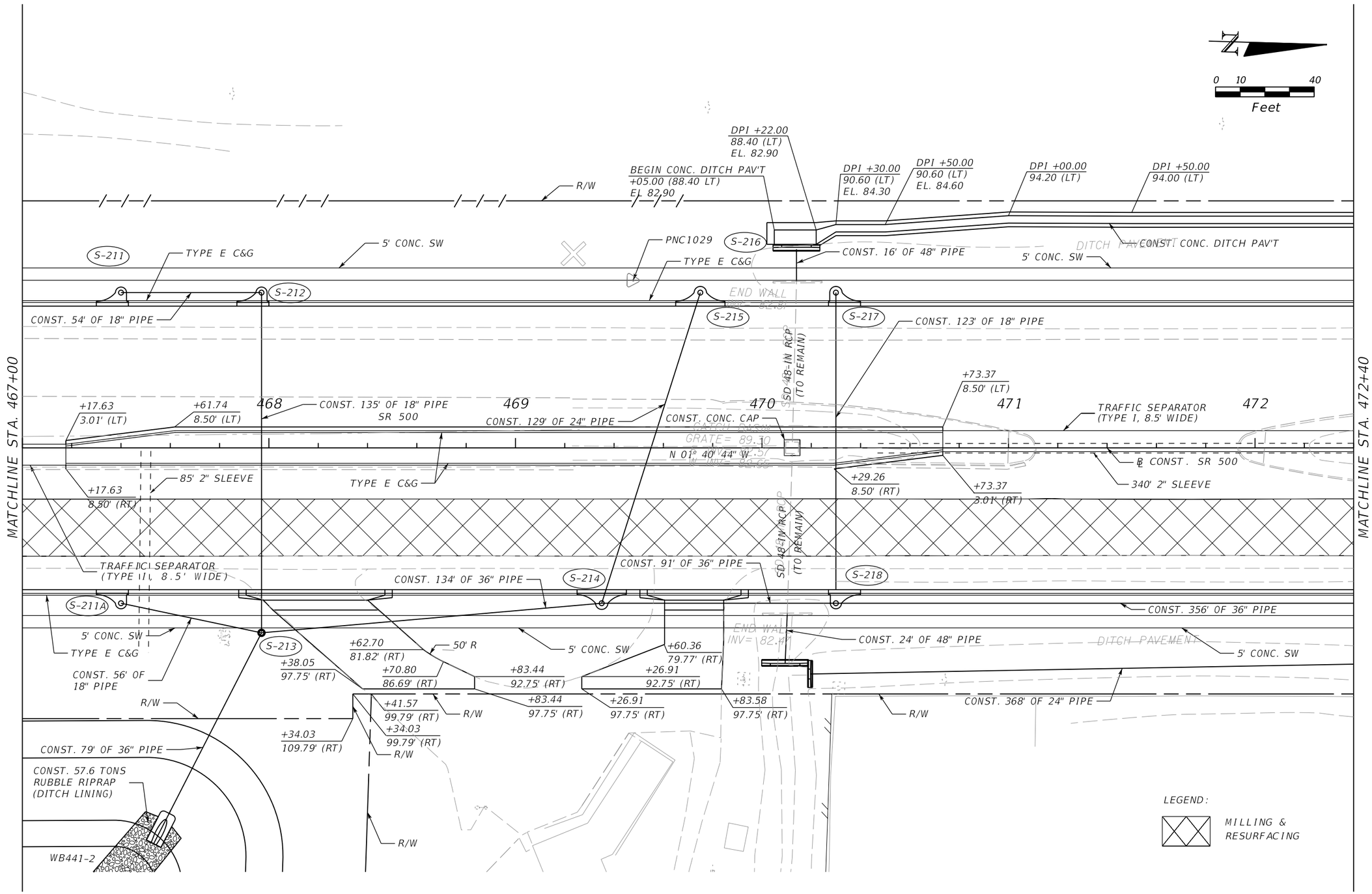
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

PLAN SHEET 25
SR 500

SHEET NO. 71

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

jcapra 3/28/2016 10:15:46 AM P:\7844-Wekiva3B\23827525201\roadway\planrd25.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

PLAN SHEET 26
SR 500

SHEET NO. 72

jcapra 3/28/2016 10:15:48 AM P:\7844-Wekiva3B\23827525201\roadway\planrd26.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

N

0 10 40
Feet

MATCHLINE STA. 472+40

R/W

DPI +00.00
94.00 (LT)
EL. 88.10

DPI +00.00
94.00 (LT)
EL. 90.50

END CONC. DITCH PAV'T
TIE TO EXIST. DITCH PAV'T
+50.00 (93.40 LT)

DITCH PAVEMENT

CONST. CONC. DITCH PAV'T

TRAFFIC SEPARATOR
(TYPE I, 8.5' WIDE)

5' CONC. SW

TYPE E C&G

END CONST.
STA. 477+50.00

+50.00
73.00' (LT)

+50.00
57.50' (LT)

+50.00
44.83' (LT)

+50.00
20.72' (LT)

S-219

473 474 475 SR 500 476 477

CATCH BASIN
GRATE= 91.33
E INV= 85.16

+85.82
3.50' (LT)

5' R

90° R

4.25' R

3' R

+20.00
2.75' (LT)

+71.41
5.50' (RT)

2" SLEEVE

N 01° 40' 44" W

TYPE E C&G

+50.00
19.70' (RT)

+50.00
54.73' (RT)

CONST. 135' OF 18" PIPE

℄ CONST. SR 500

SD 18 YW RCP

+05.30
43.38' (RT)

CONST. 366' OF 30" PIPE

+50.00
57.50' (RT)

S-220

TYPE E C&G

TYPE E C&G

S-222

END WALL
INV= 83.16

CONST. 36" PIPE

5' CONC. SW

DITCH PAVEMENT

5' CONC. SW

+50.00
73.00' (RT)

S-221

CONST. 24" PIPE

CONST. 336' OF 24" PIPE

R/W

LEGEND:

MILLING &
RESURFACING

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

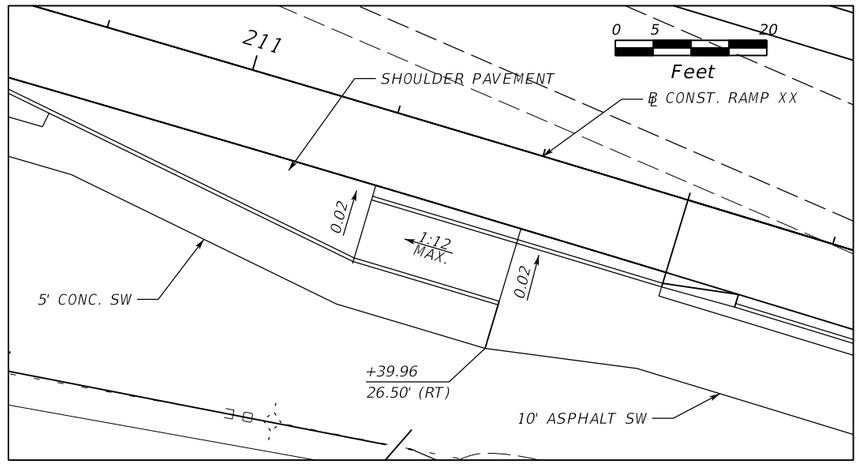
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

PLAN SHEET 27
SR 500

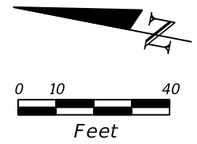
SHEET NO. 73

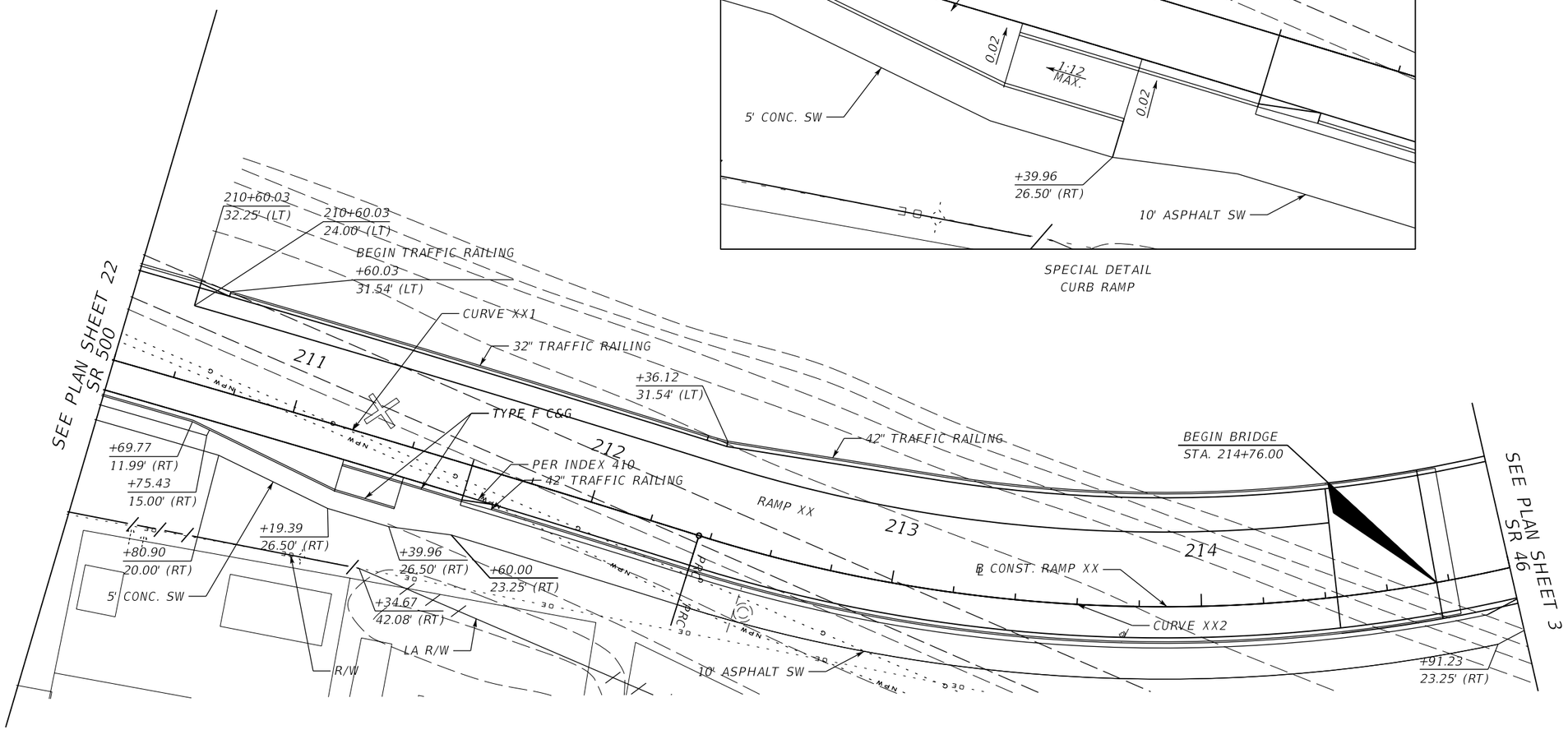
jcapra 3/28/2016 10:15:50 AM P:\7844-Wekiva3B\23827525201\roadway\planrd27.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SPECIAL DETAIL
CURB RAMP





REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

PLAN SHEET 28
RAMP XX

SHEET NO. 74

jcapra 3/28/2016 10:15:51 AM P:\7844-Wekiva3B\23827525201\roadway\planrd28.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

PNC1025
8" Poured Conc. Monument with 3.5" Brass
Disc Stamped 00CEA Wekiva Parkway 1025
38.39' Lt. Sta. 16+46.23
℄ Survey SR 46
Elev. 151.29

BEGIN CONSTRUCTION
BEGIN PROJECT
STA. 24+70.00

147.92

147.92

S-301

S-302

S-304

S-305

S-307

147.11

Existing Ground at ℄ CONST. SR 46

PGL SR 46

(-) 0.300%

18" PIPE

4" GAS

CONST. 18" PIPE

CONST. 18" PIPE

CONST. 18" PIPE

CONST. 18" PIPE

FL 143.50

FL 143.30

FL 143.10

FL 143.00

FL 142.50

146.85

SCALE:
1" = 40' HORIZONTAL
1" = 4' VERTICAL

164 162 160 158 156 154 152 150 148 146 144 142 140 138 136 134 132 130 128

23+00 24+00 25+00 26+00 27+00

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

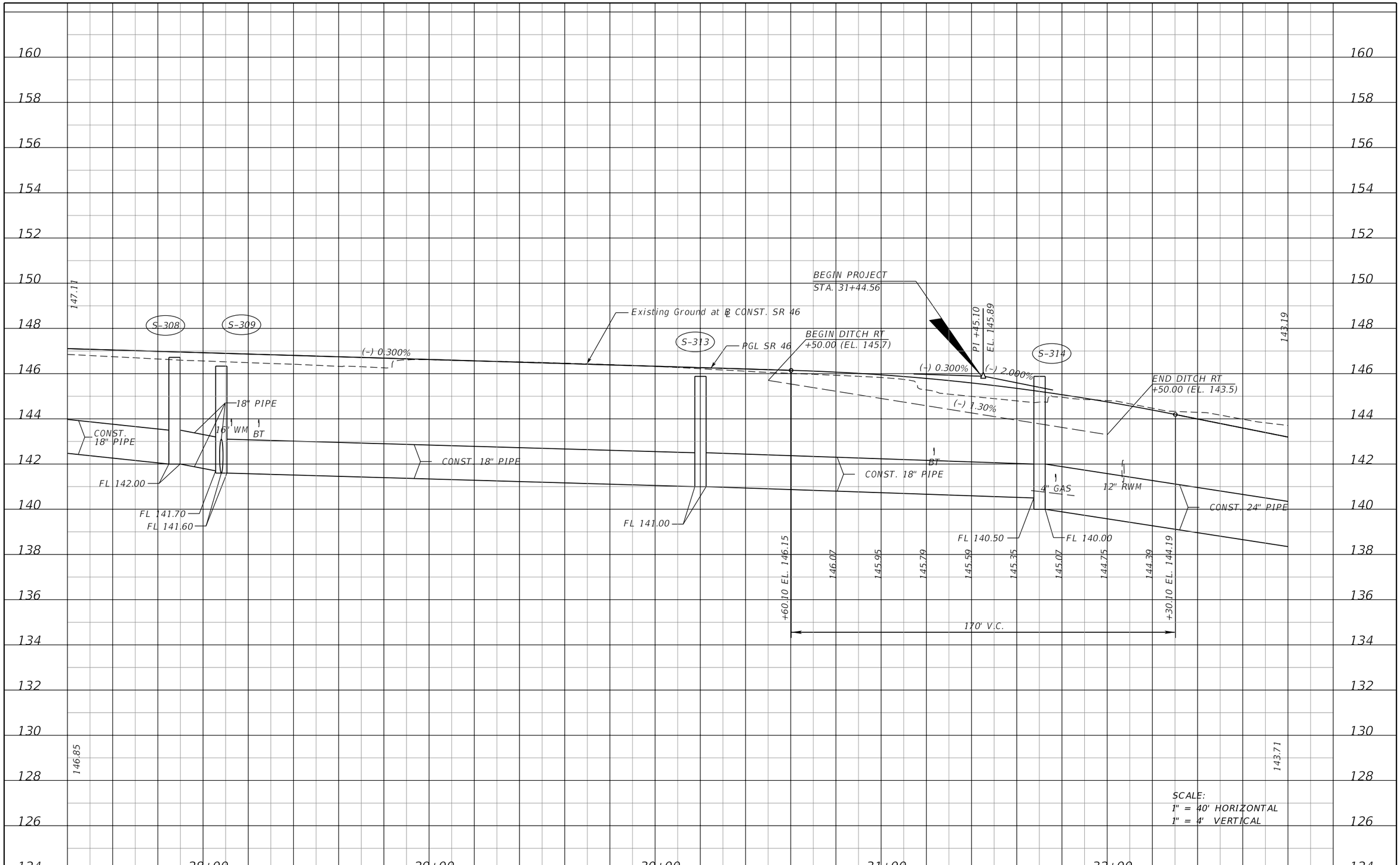
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

ROADWAY PROFILE SHEET
SR 46

SHEET NO. 75



SCALE:
1" = 40' HORIZONTAL
1" = 4' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

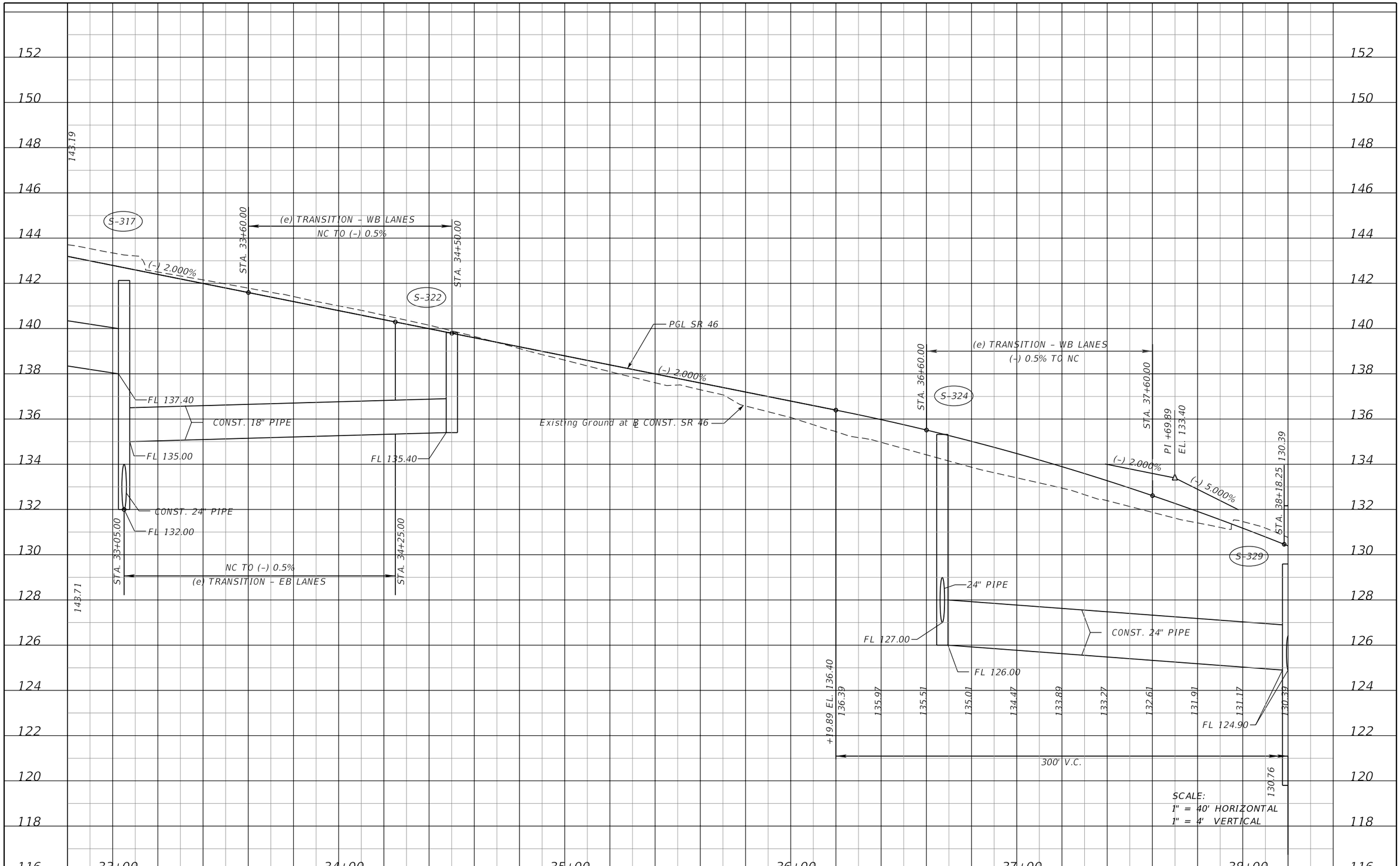
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

ROADWAY PROFILE SHEET
SR 46

SHEET NO. 76

jcapra 3/28/2016 10:15:53 AM P:\7844-Wekiva3B\23827525201\roadway\profrd02.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

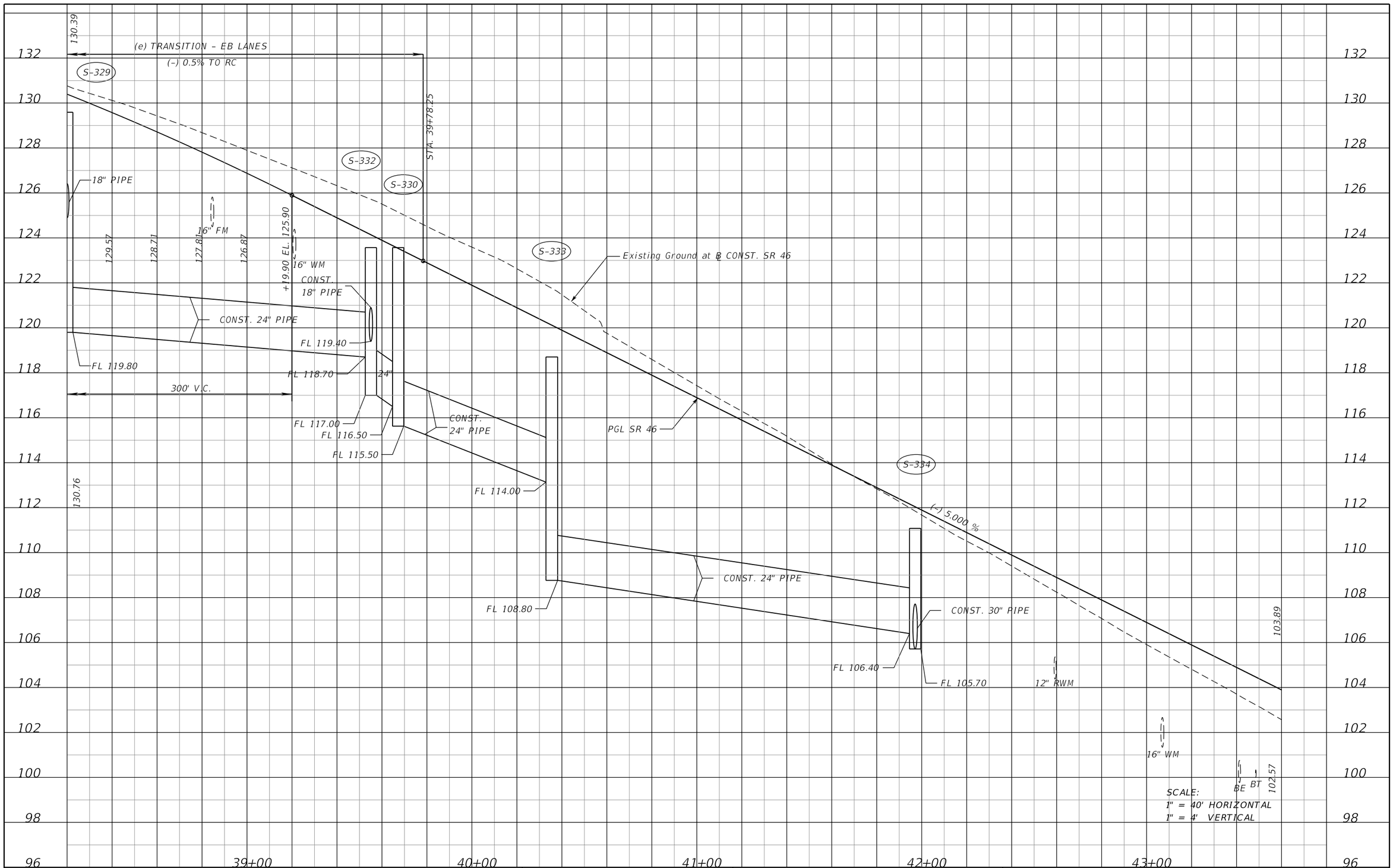
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

ROADWAY PROFILE SHEET
SR 46

SHEET NO. 77

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

jcapra 3/28/2016 10:15:55 AM P:\7844-Wekiva3B\23827525201\roadway\profrd03.dgn



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

ROADWAY PROFILE SHEET
SR 46

SHEET NO. 78

jcapra 3/28/2016 10:15:56 AM P:\7844-Wekiva3B\23827525201\roadway\profrd04.dgn

PNC1030
8" Poured Conc. Monument with 3.5" Brass
Disc Stamped 00CEA Wekiva Parkway 1030
22.51' Rt. Sta. 48+08.65
℄ Survey SR 46
Elev. 81.84

740' V.C.

103.89

+25.53 EL. 100.61

99.90 98.93 97.98 97.07 96.17 95.31 94.46 93.65 92.86 92.09 91.35 90.64 89.95 89.28 88.64 88.03 87.44 86.88 86.34 85.83 85.35 84.88 84.45 84.04

(-) 5.000%

S-404

PGL SR 46

(e) TRANSITION - EB LANES
RC TO NC

STA. 46+51.78

S-406

18" PIPE

FL 90.00

16" WM

CONST. 18" PIPE

FL 87.00

18" PIPE

Existing Ground at ℄ CONST. SR 46

FL 84.90

FL 85.00

BTV

(-) 5.000%

(-) 0.300%

FL 82.00

℄ BE

PI +95.53
EL 82.11

CONST. 18" PIPE

FL 78.70

FL 77.70

S-407

STA. 48+91.78
84.04

80.42

102.57

SCALE:
1" = 40' HORIZONTAL
1" = 4' VERTICAL

108 106 104 102 100 98 96 94 92 90 88 86 84 82 80 78 76 74 72

44+00 45+00 46+00 47+00 48+00 49+00

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

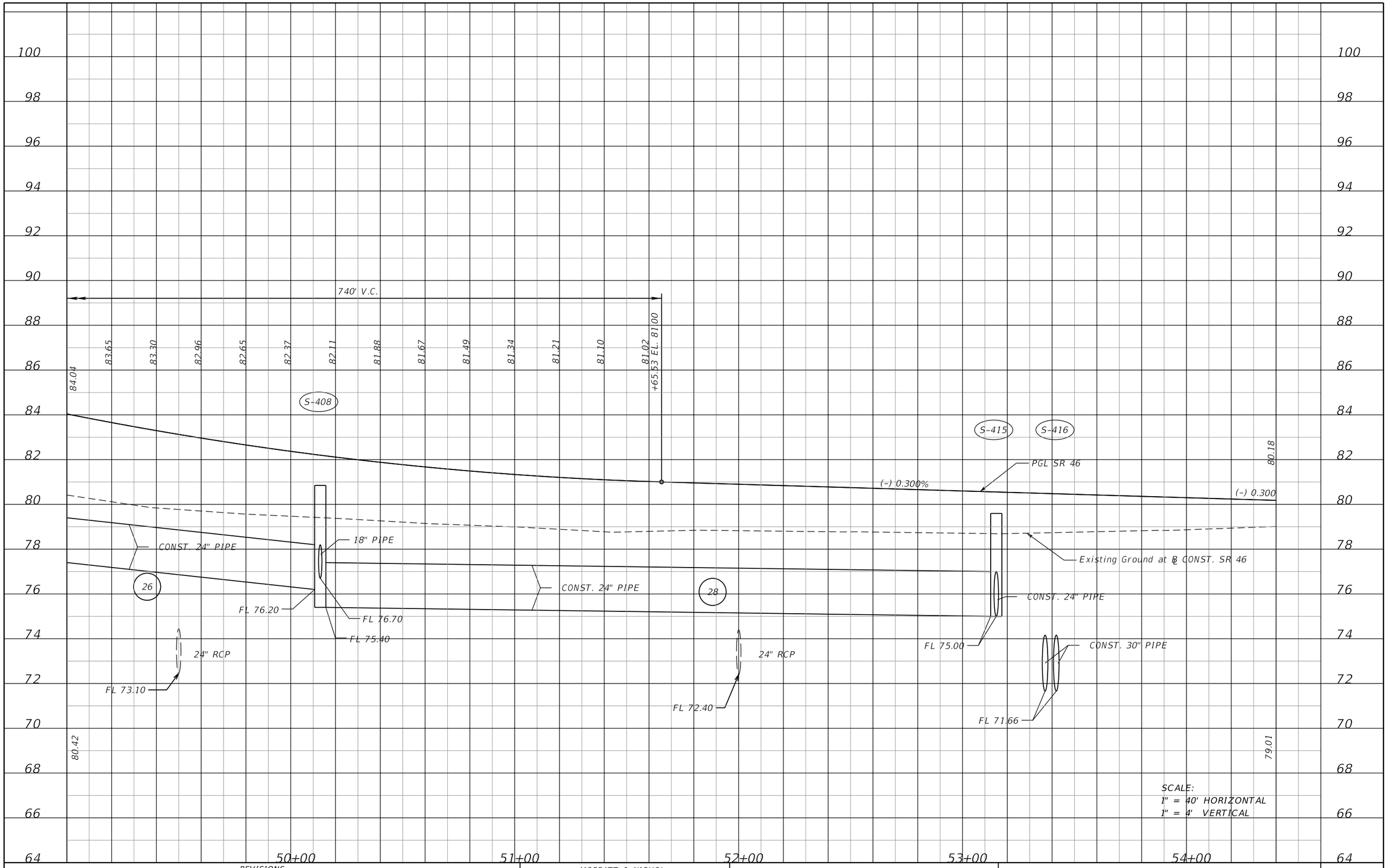
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

ROADWAY PROFILE SHEET
SR 46

SHEET NO. 79

jcapra 3/28/2016 10:15:57 AM P:\7844-Wekiva3B\23827525201\roadway\profrd05.dgn



SCALE:
1" = 40' HORIZONTAL
1" = 4' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

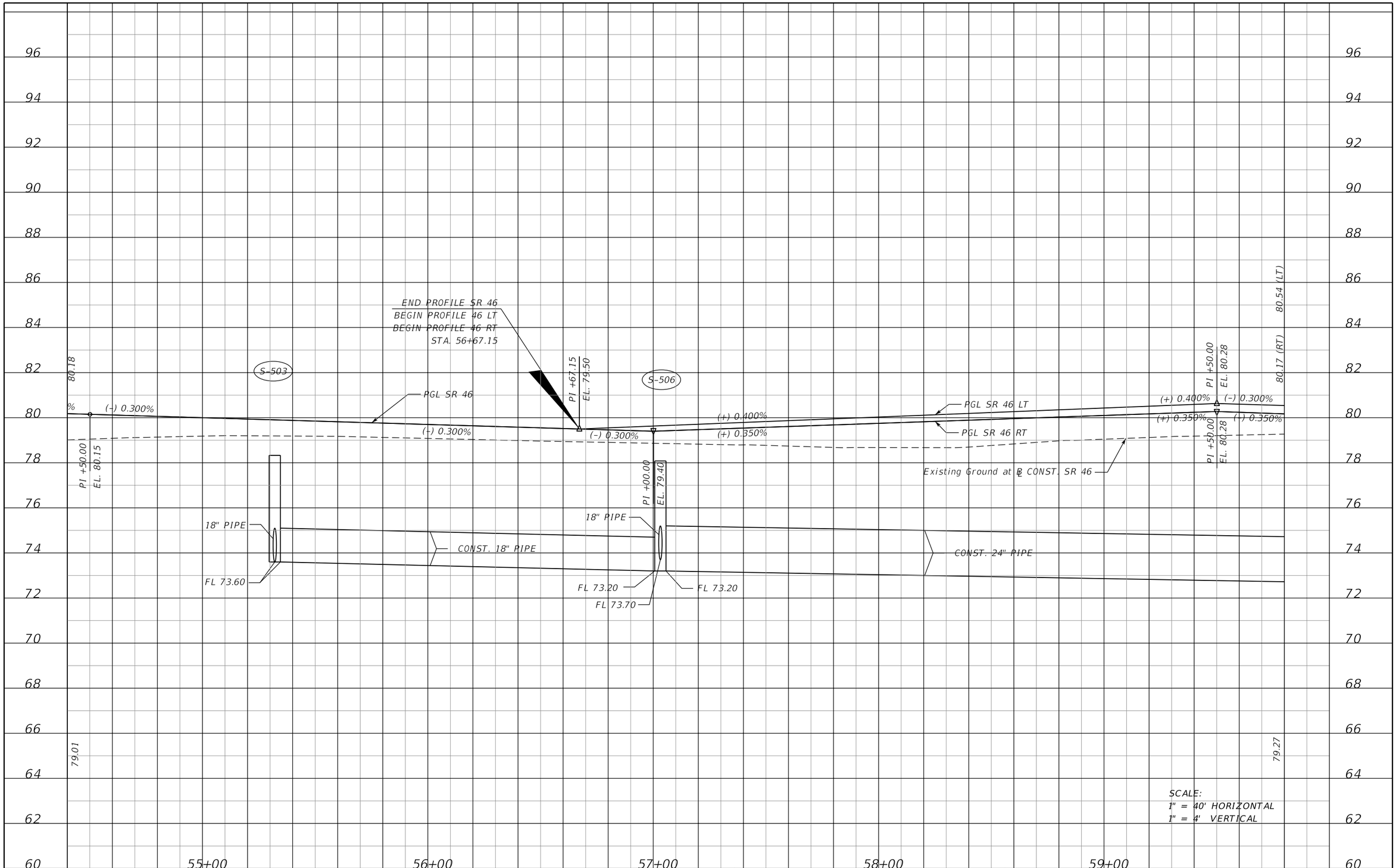
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

ROADWAY PROFILE SHEET
SR 46

SHEET NO. 80

jcapra 3/28/2016 10:15:58 AM P:\7844-Wekiva3B\23827525201\roadway\profrd06.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SCALE:
1" = 40' HORIZONTAL
1" = 4' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

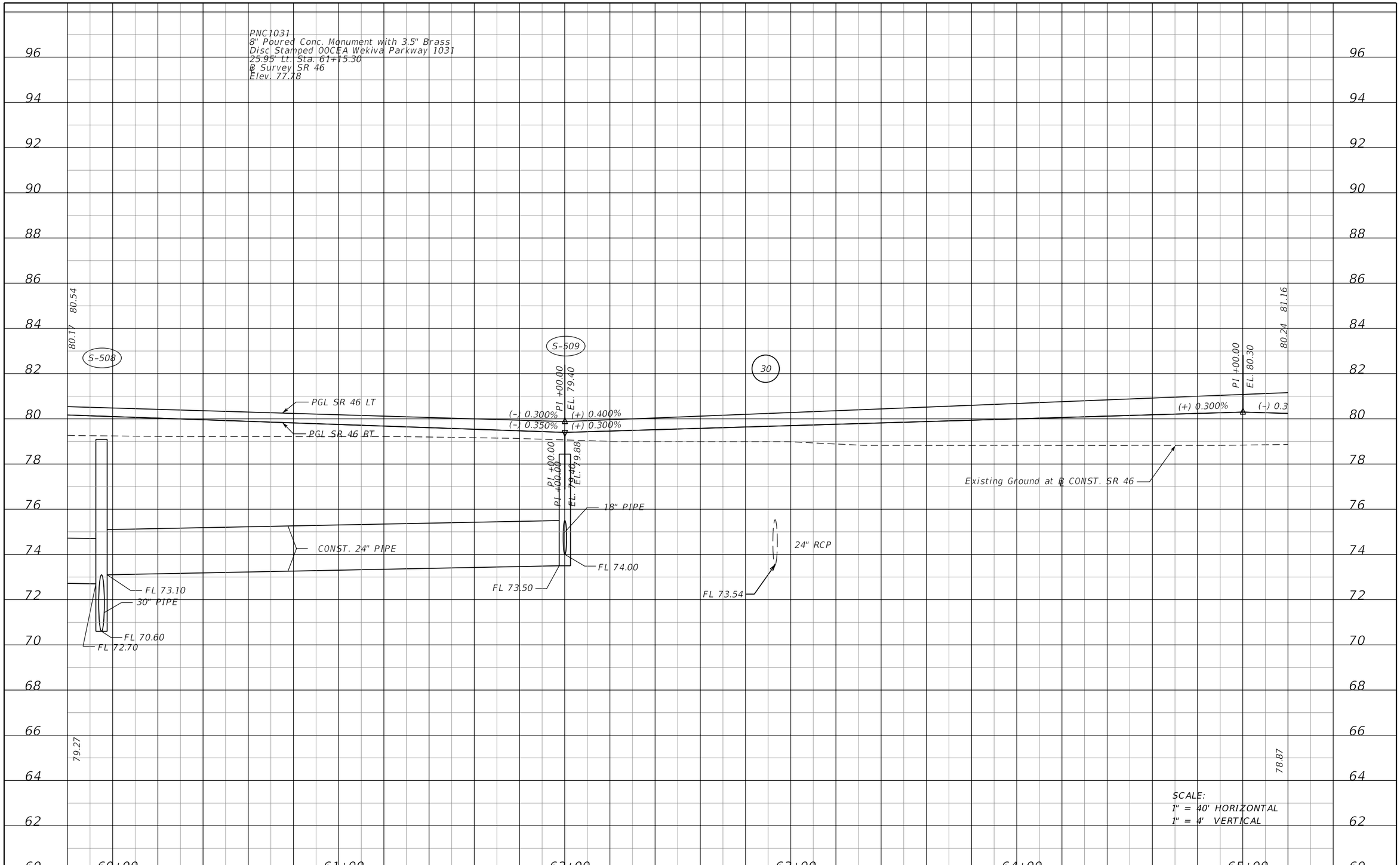
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

ROADWAY PROFILE SHEET
SR 46

SHEET NO. 81

jcapra 3/28/2016 10:15:59 AM P:\7844-Wekiva3B\23827525201\roadway\profrd07.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

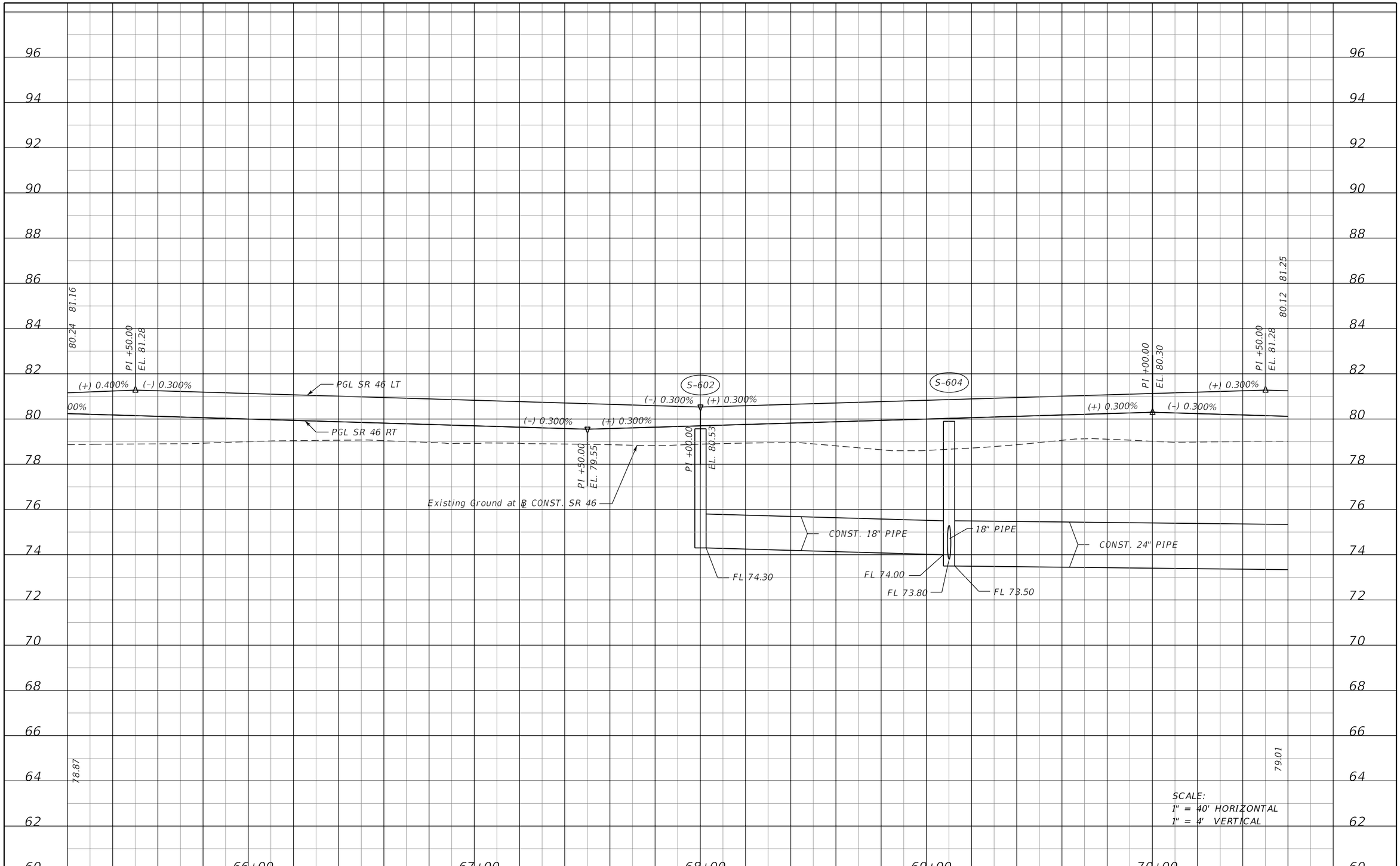
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

ROADWAY PROFILE SHEET
SR 46

SHEET NO.
82

jcapra 3/28/2016 10:16:00 AM P:\7844-Wekiva3B\23827525201\roadway\profrd08.dgn



SCALE:
1" = 40' HORIZONTAL
1" = 4' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

ROADWAY PROFILE SHEET
SR 46

SHEET NO. 83

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

jcapra 3/28/2016 10:16:01 AM P:\7844-Wekiva3B\23827525201\roadway\profrd09.dgn

PNC1032
8" Poured Conc. Monument with 3.5" Brass
Disc Stamped 00CEA Wekiva Parkway 1032
66.08' Lt. Sta. 73+24.67
℄ Survey SR 46
Elev. 78.45

96 94 92 90 88 86 84 82 80 78 76 74 72 70 68 66 64 62 60

80.12 81.25

(–) 0.300%

S-605

(–) 0.300%

S-608

(–) 0.300% (+) 0.300%

(+) 0.400%

PGL SR 46 LT

PGL SR 46 RT

(+) 0.300%
(+) 0.400%

PI +50.00
EL. 80.75
PI +60.00
EL. 81.31

(–) 0.400%
(–) 0.300%

S-614

80.60 81.15

Existing Ground at ℄ CONST. SR 46

PI +50.00
EL. 79.55

PI +00.00
EL. 80.53

18" PIPE

CONST. 24" PIPE

CONST. 24" PIPE

FL 74.00

CONST. 30" PIPE

BF

16" WM

12" RWM

BE

FL 73.20

FL 73.00

FL 72.70

79.01

79.27

SCALE:
1" = 40' HORIZONTAL
1" = 4' VERTICAL

71+00 72+00 73+00 74+00 75+00 76+00

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

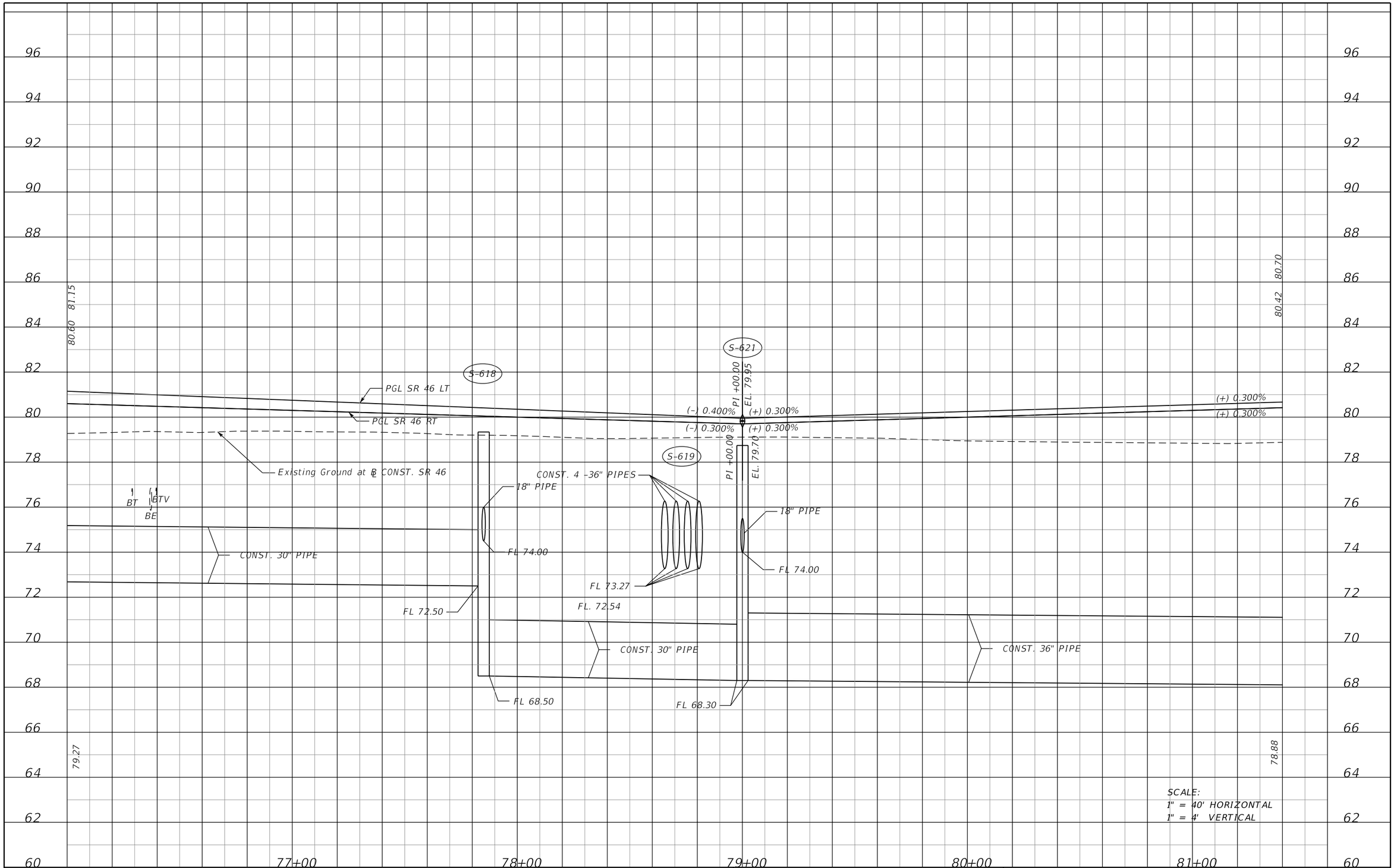
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

ROADWAY PROFILE SHEET
SR 46

SHEET NO. 84

jcapra 3/28/2016 10:16:02 AM P:\7844-Wekiva3B\23827525201\roadway\profrd10.dgn



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

ROADWAY PROFILE SHEET
SR 46

SHEET NO. 85

PNC1033
8" Poured Conc. Monument with 3.5" Brass
Disc Stamped 00CEA Wekiva Parkway 1033
20.37' Rt. Sta. 85+47.91
Elev 77.66

+66.68 EL. 80.50

80.55

END PROFILE 46 LT
END PROFILE 46 RT
BEGIN PROFILE SR 46
STA. 84+00.00

80.70
80.42

PI +50.00
EL. 80.70

S-623

(-) 0.400%
(-) 0.300%

PGL SR 46 LT
PGL SR 46 RT

PGL SR 46

S-625

(-) 0.300%
(+) 0.300%

PI +50.00
EL. 80.45

Existing Ground at ℄ CONST. SR 46

PI +00.00
EL. 79.70

18" PIPE

CONST. 30" PIPE

CONST. 24" PIPE

FL 72.90

FL 73.50

FL 74.00

CONST. 42" PIPE

FL 68.10

78.88

78.83

SCALE:
1" = 40' HORIZONTAL
1" = 4' VERTICAL

82+00 83+00 84+00 85+00 86+00

96 94 92 90 88 86 84 82 80 78 76 74 72 70 68 66 64 62 60

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

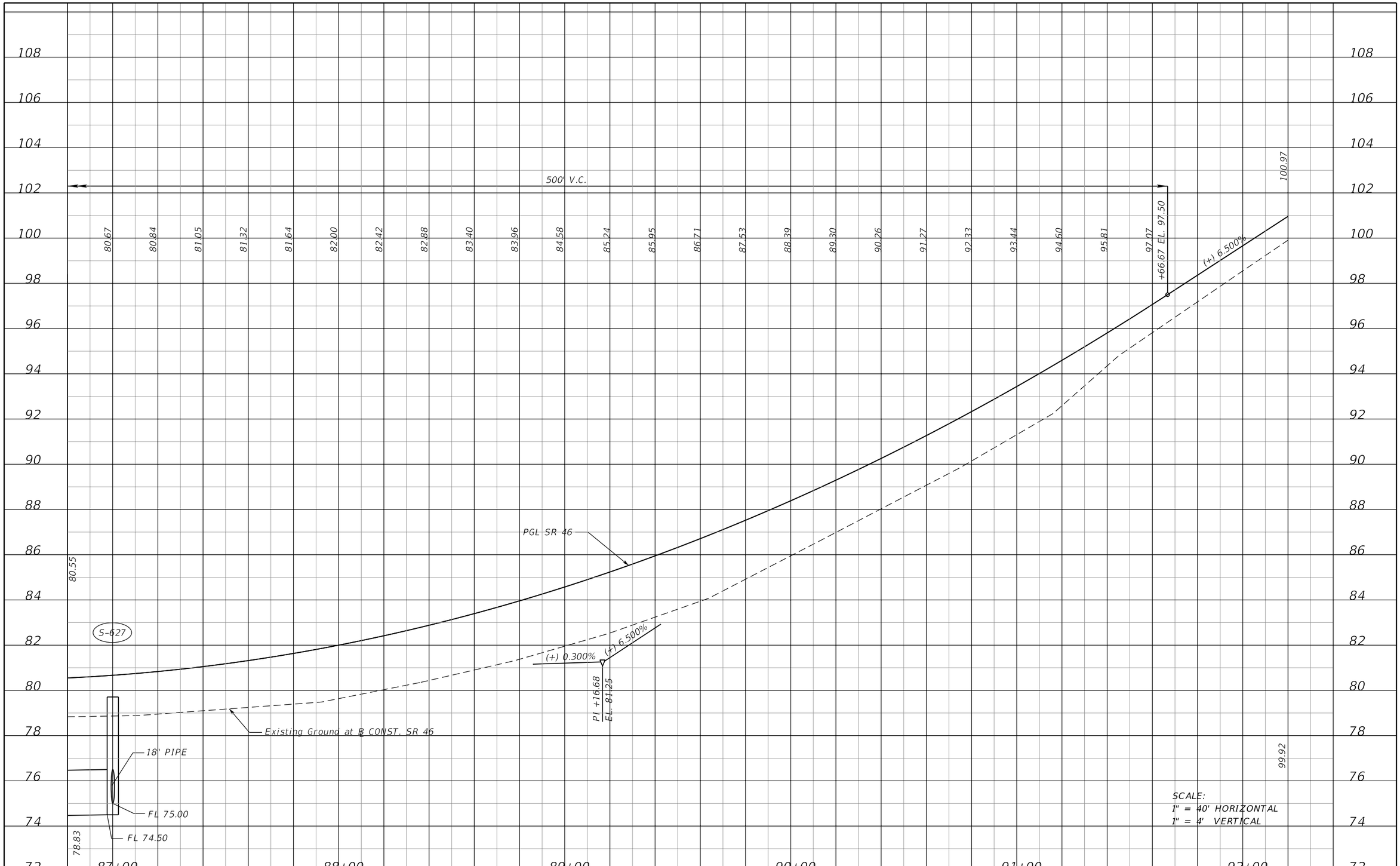
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

ROADWAY PROFILE SHEET
SR 46

SHEET NO. 86

jcapra 3/28/2016 10:16:05 AM P:\7844-Wekiva3B\23827525201\roadway\profrd12.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

ROADWAY PROFILE SHEET
SR 46

SHEET NO. 87

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

jcapra 3/28/2016 10:16:06 AM P:\7844-Wekiva3B\23827525201\roadway\profrd13.dgn

END CONSTRUCTION
END PROFILE
END PROJECT
238275-2-52-01
STA. 94+00.00
BEGIN PROJECT
238275-3-52-01

PGL SR 46 (BY OTHERS)

112.67

PGL SR 46

S-703

Existing Ground at ℄ CONST. SR 46

(+) 6.500%

100.97

18" PIPE

30" PIPE FROM
238275-3-52-01

FL 101.20

FL 100.00

CONST. 30" PIPE

FL 95.20

99.92

124 122 120 118 116 114 112 110 108 106 104 102 100 98 96 94 92 90 88

93+00 94+00 95+00 96+00 97+00

SCALE:
1" = 40' HORIZONTAL
1" = 4' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

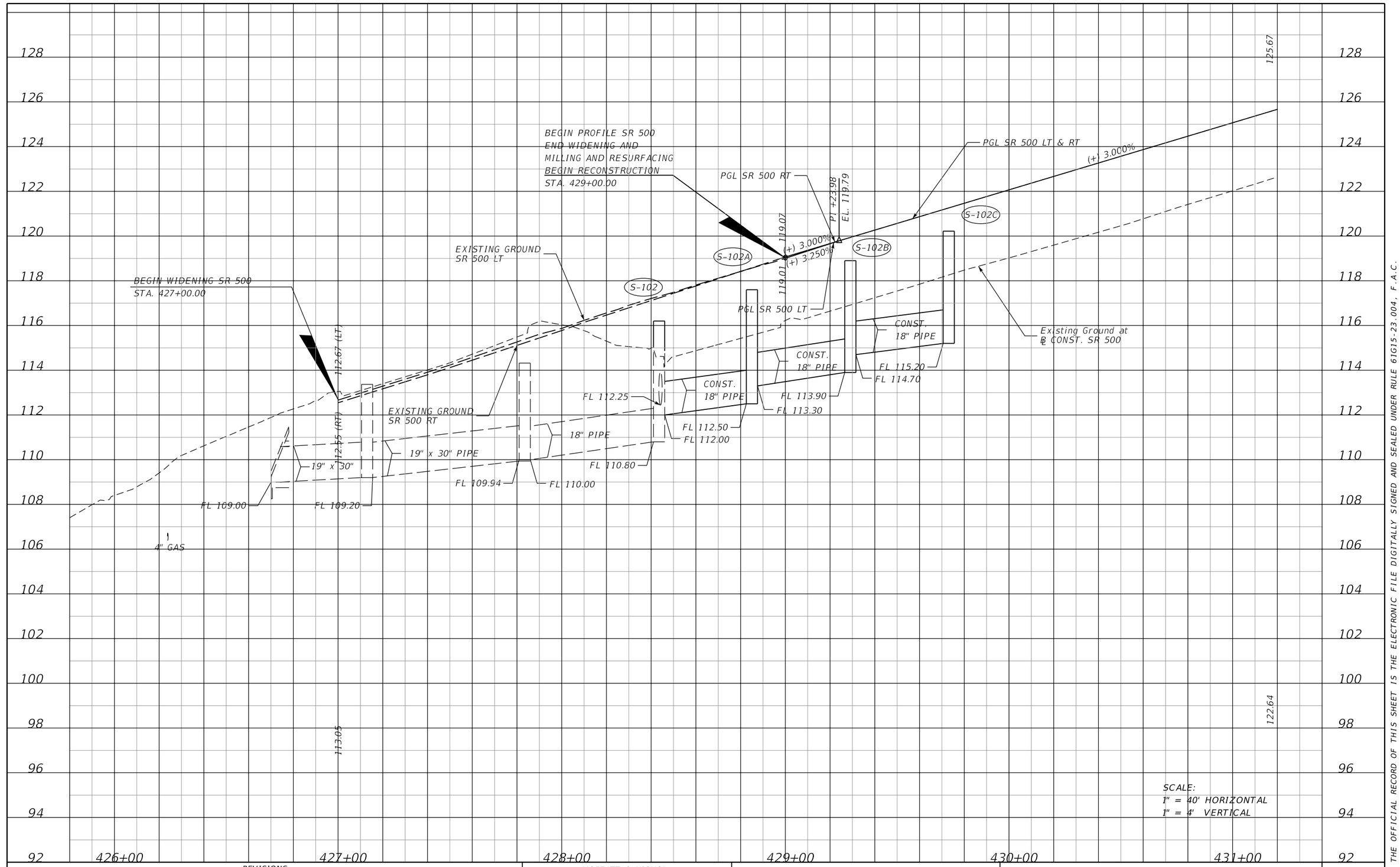
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

ROADWAY PROFILE SHEET
SR 46

SHEET NO. 88

jcapra 3/28/2016 10:16:07 AM P:\7844-Wekiva3B\23827525201\roadway\profrd14.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

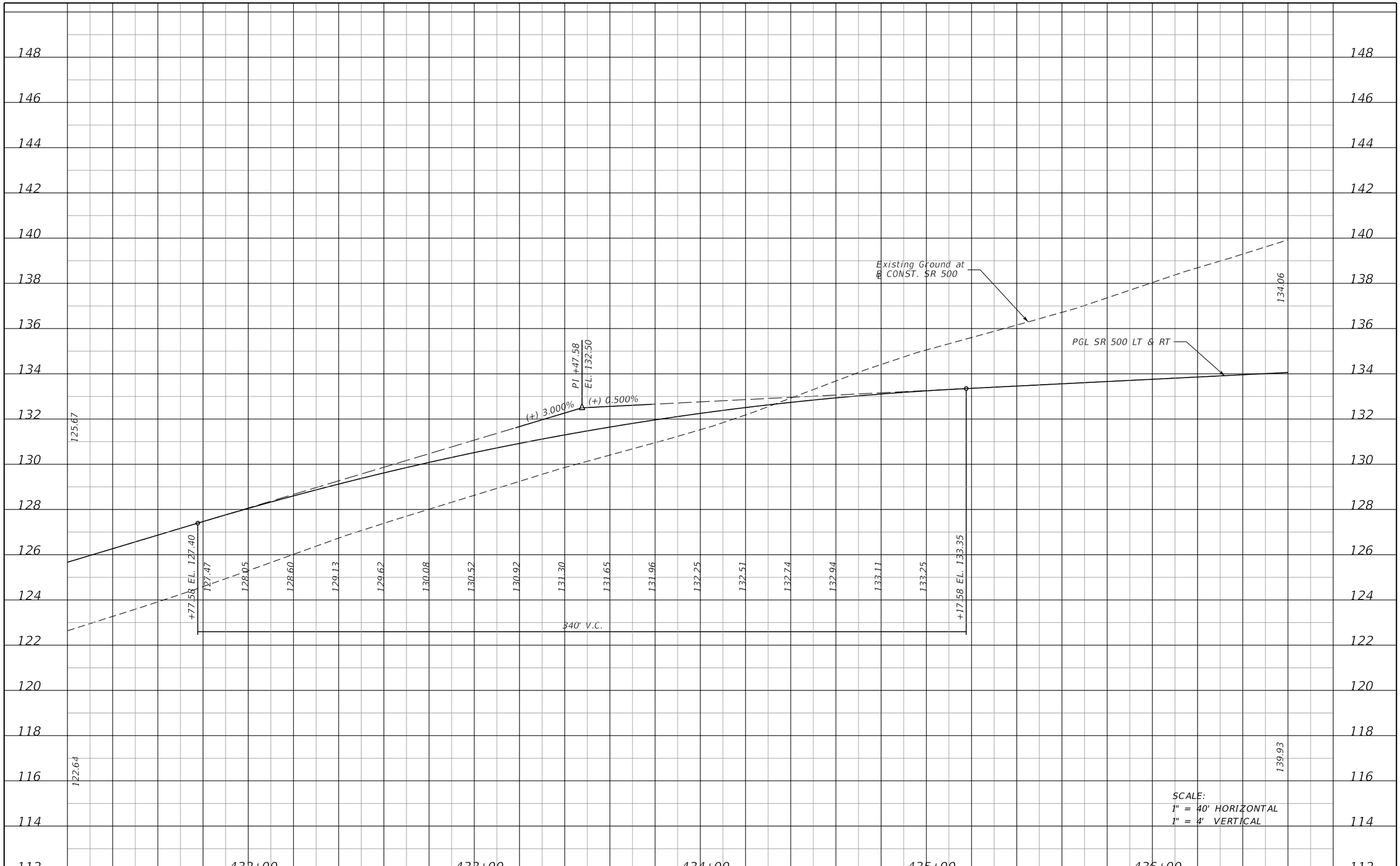
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

ROADWAY PROFILE SHEET
SR 500

SHEET NO. 89

jcapra 3/28/2016 10:16:08 AM P:\7844-Wekiva3B\23827525201\roadway\profrd15.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

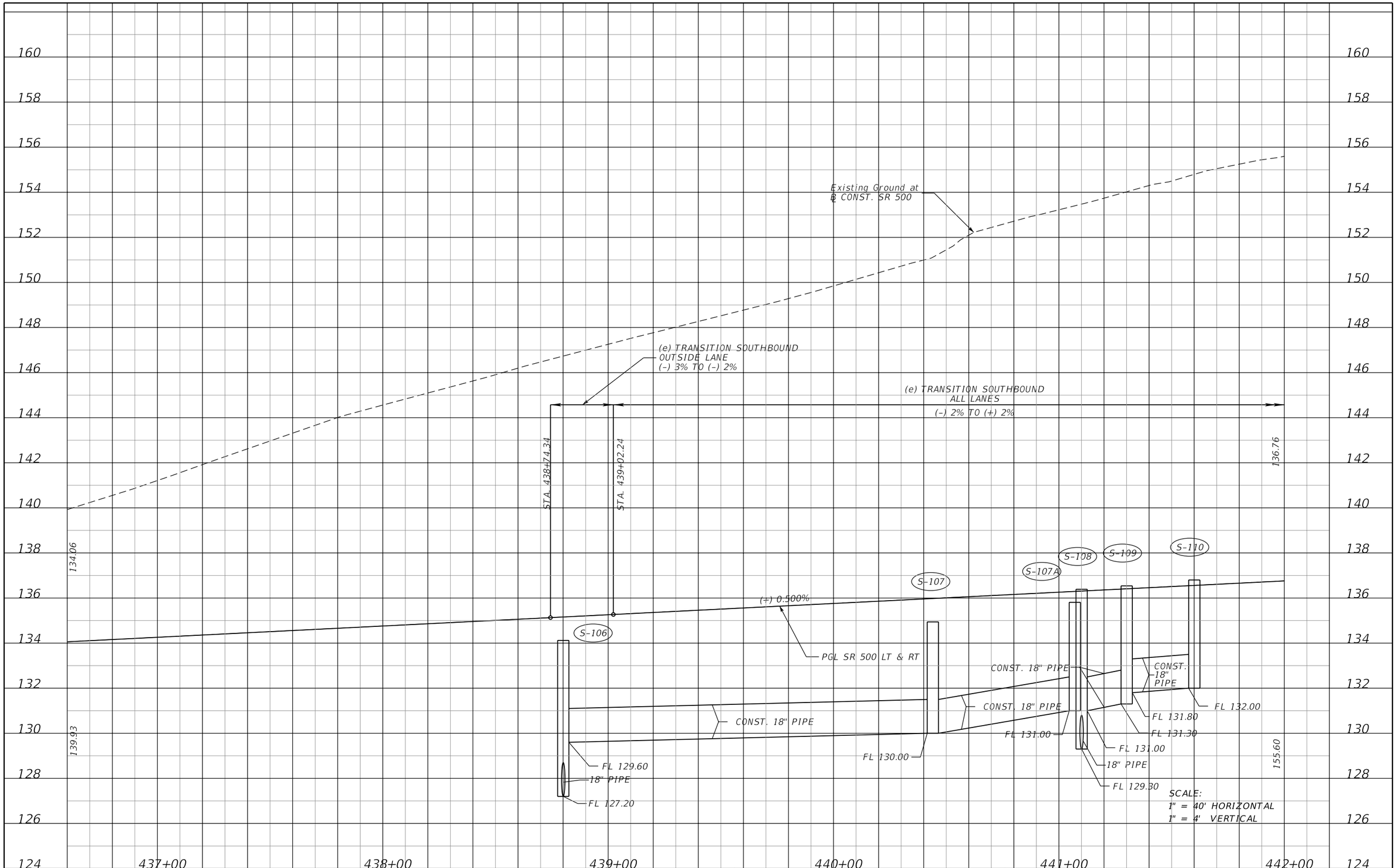
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

ROADWAY PROFILE SHEET
SR 500

SHEET NO. 90

jcapra 3/28/2016 10:16:10 AM P:\7844-Wekiva3B\23827525201\roadway\profrd16.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

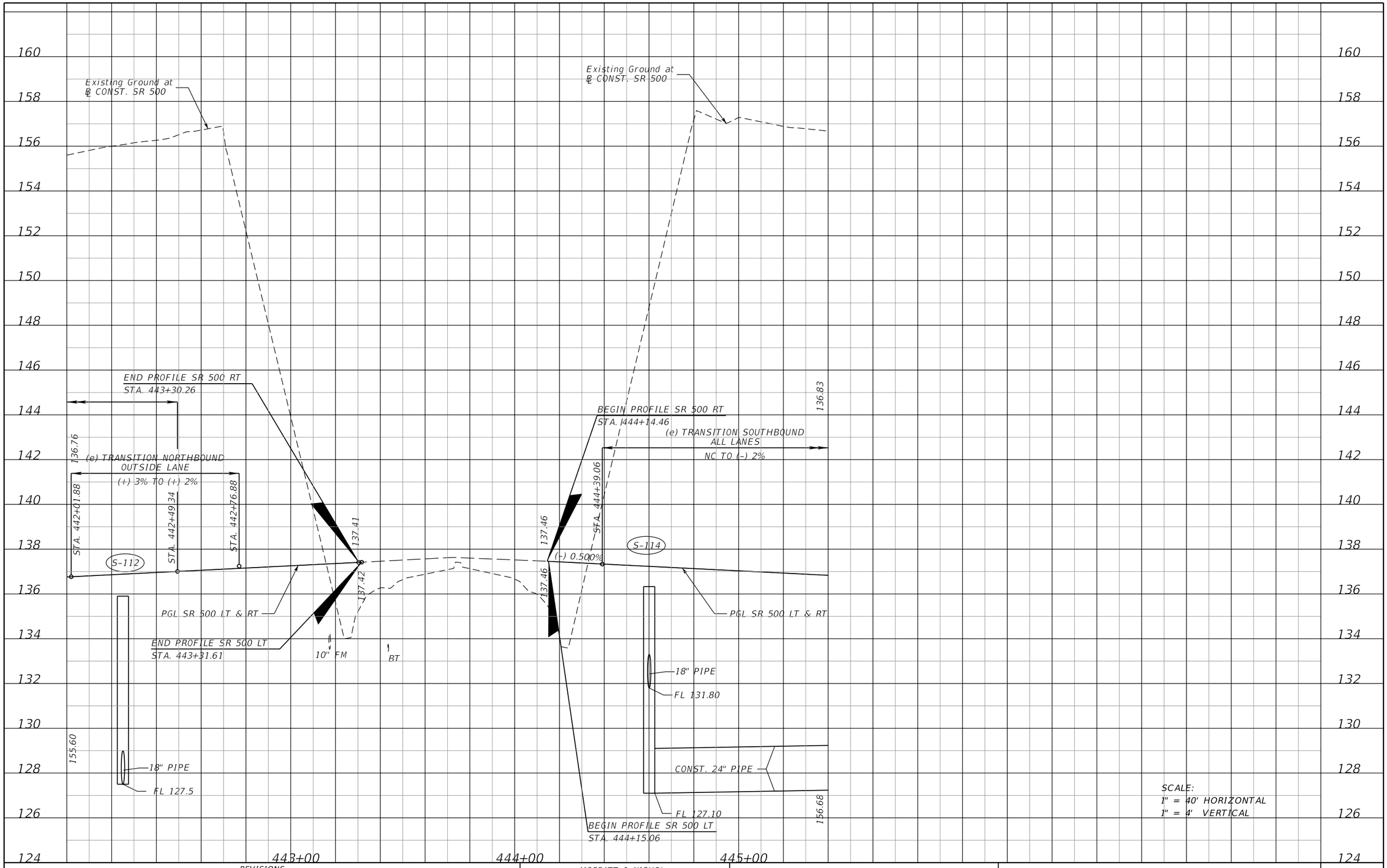
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

ROADWAY PROFILE SHEET
SR 500

SHEET NO. 91

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

jcapra 3/28/2016 10:16:11 AM P:\7844-Wekiva3B\23827525201\roadway\profrd17.dgn



SCALE:
1" = 40' HORIZONTAL
1" = 4' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

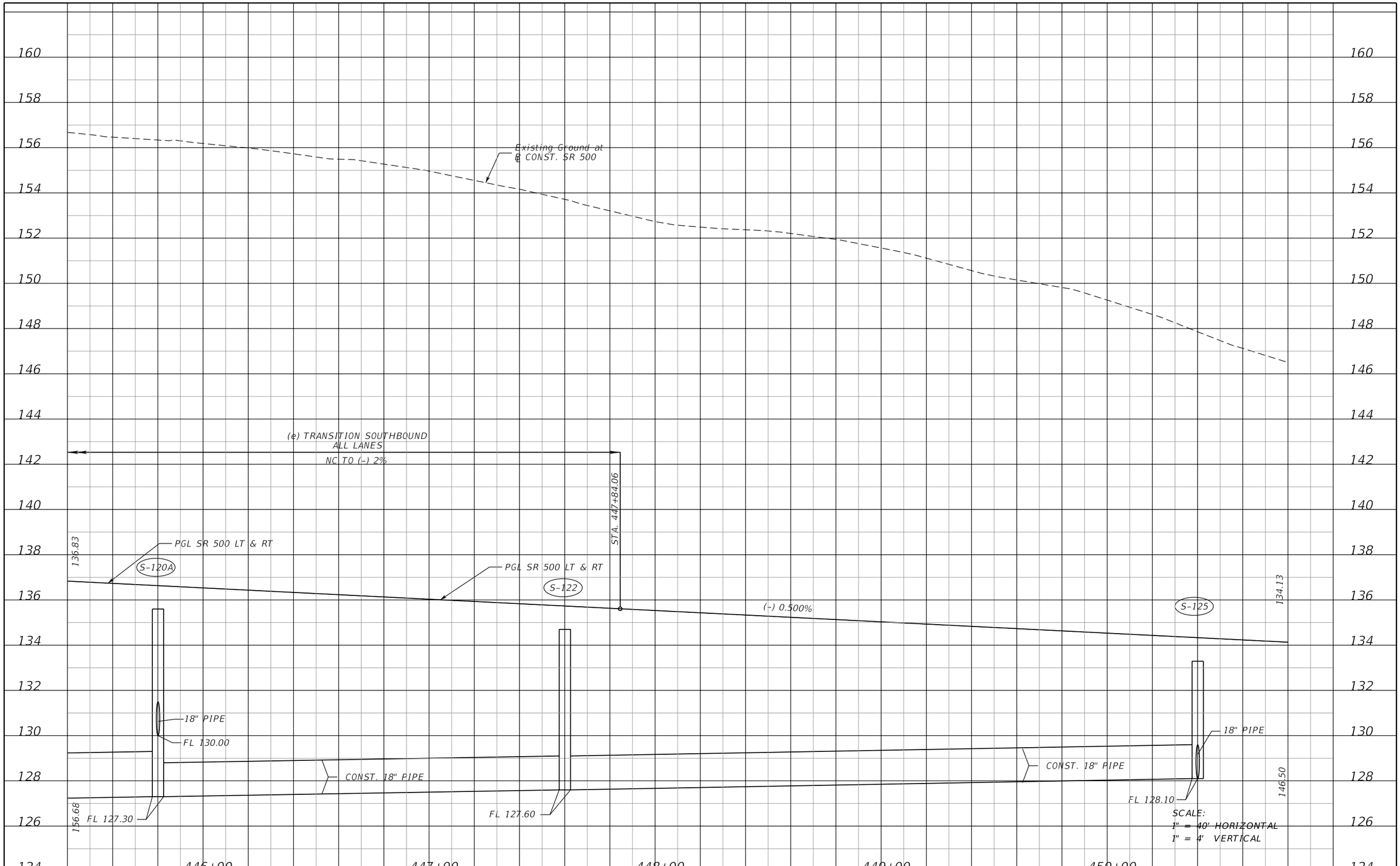
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

ROADWAY PROFILE SHEET
SR 500

SHEET NO. 92



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

ROADWAY PROFILE SHEET
SR 500

SHEET NO. 93

jcapra 3/28/2016 10:16:13 AM P:\7844-Wekiva3B\23827525201\roadway\profrd19.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

PNC1028
8" Poured Conc. Monument with 3.5" Brass
Disc Stamped 00CEA Wekiva Parkway 1028
95.96' Rt. Sta. 454+58.32
℄ CONST. SR 500
Elev. 139.92

Existing Ground at
℄ CONST. SR 500

PGL SR 500 LT & RT

134.13

(-) 0.500%

146.50

+26.93 EL. 132.90

132.83 132.69 132.53 132.34 132.11 131.86 131.58 131.27 130.93 130.56 130.16 129.74 129.28 128.79 128.27

442' V.C.

PI 447.93
EL. 131.79

(-) 0.500%

(-) 3.750%

128.27

126.94

SCALE:
1" = 40' HORIZONTAL
1" = 4' VERTICAL

451+00 452+00 453+00 454+00 455+00 456+00

116 118 120 122 124 126 128 130 132 134 136 138 140 142 144 146 148 150 152

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

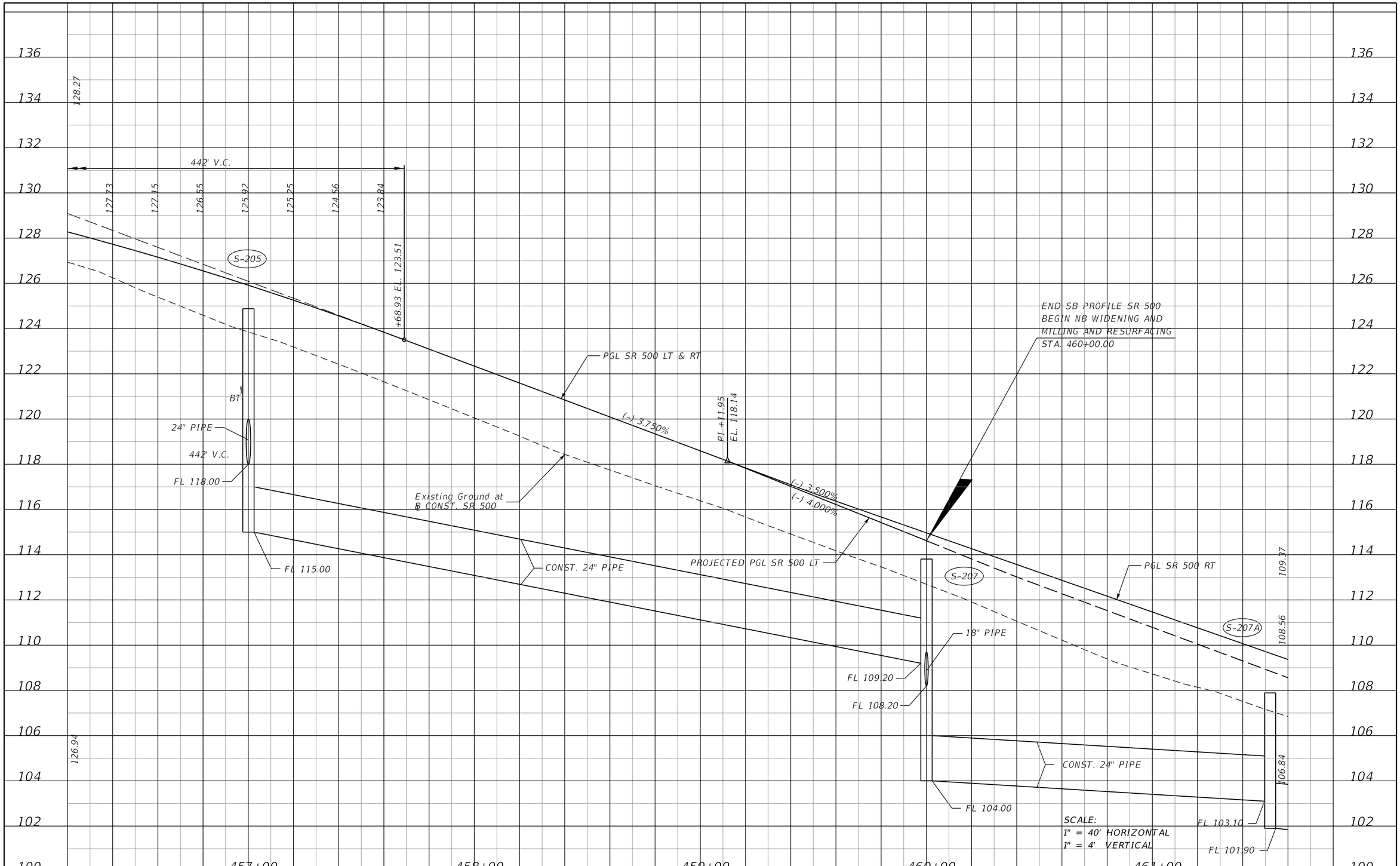
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

ROADWAY PROFILE SHEET
SR 500

SHEET NO. 94

jcapra 3/28/2016 10:16:14 AM P:\7844-Wekiva3B\23827525201\roadway\profrd20.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

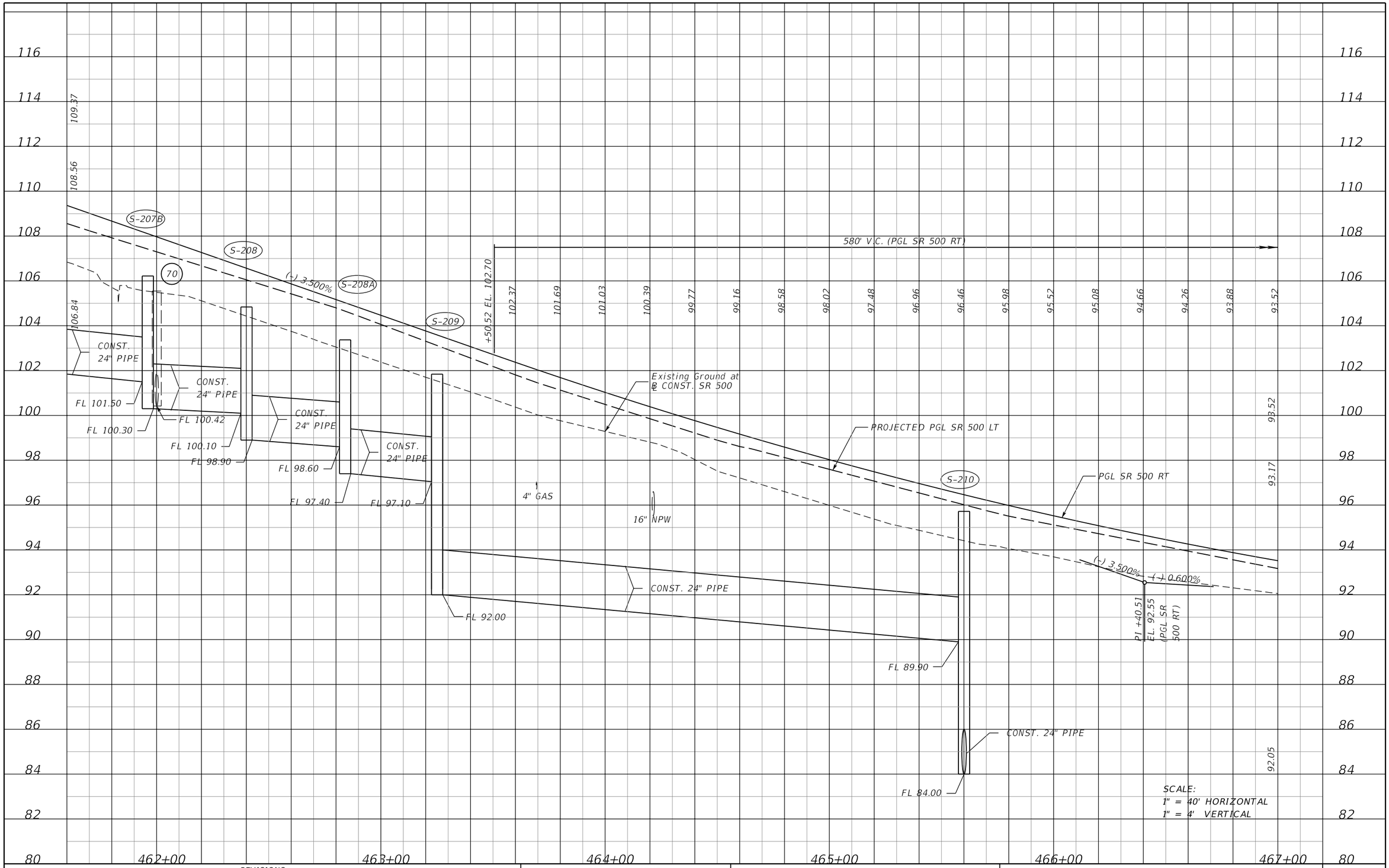
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

ROADWAY PROFILE SHEET
SR 500

SHEET NO. 95

jcapra 3/28/2016 10:16:15 AM P:\7844-Wekiva3B\23827525201\roadway\profrd21.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SCALE:
1" = 40' HORIZONTAL
1" = 4' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

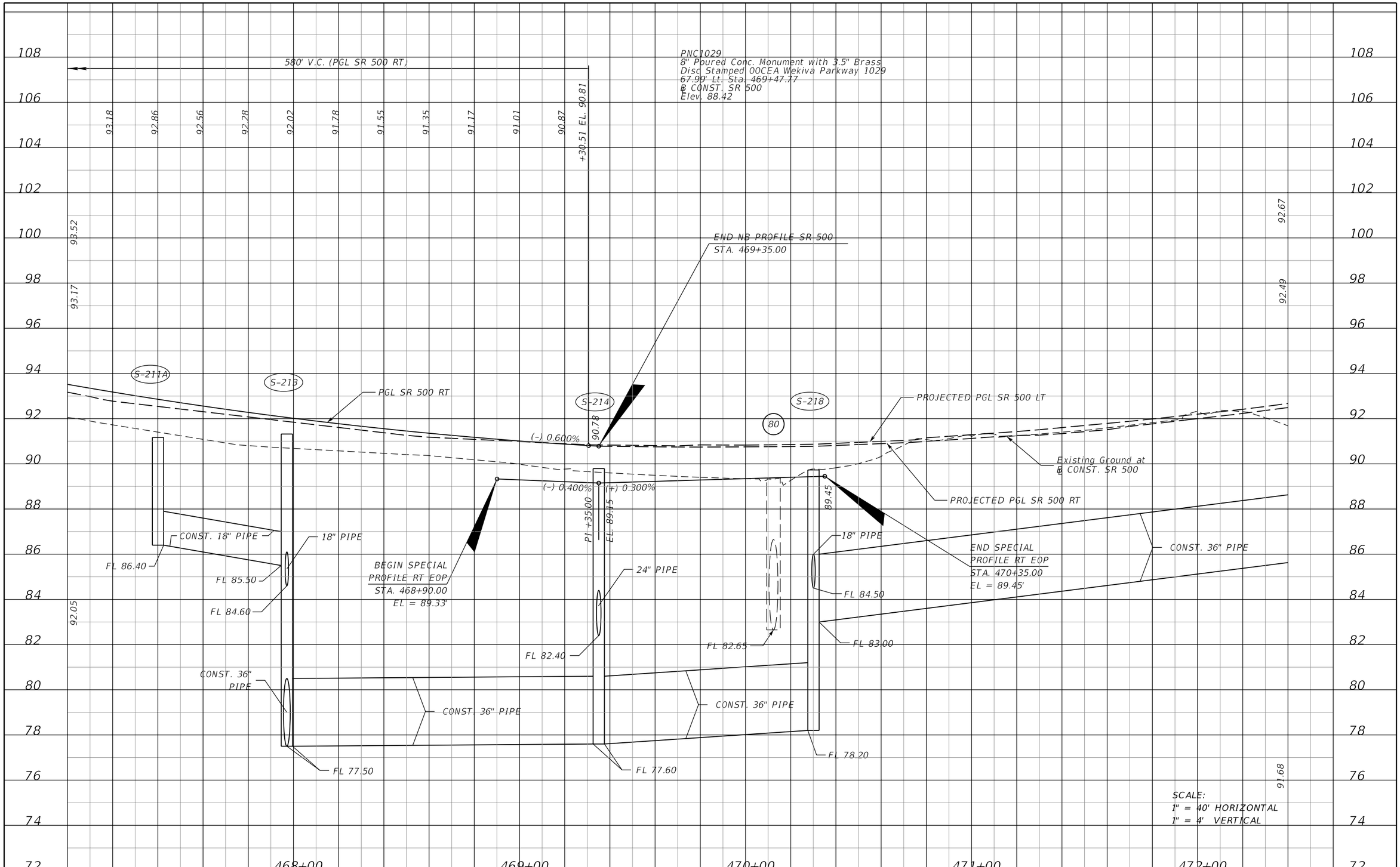
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

ROADWAY PROFILE SHEET
SR 500

SHEET NO. 96

jcapra 3/28/2016 10:16:17 AM P:\7844-Wekiva3B\23827525201\roadway\profrd22.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

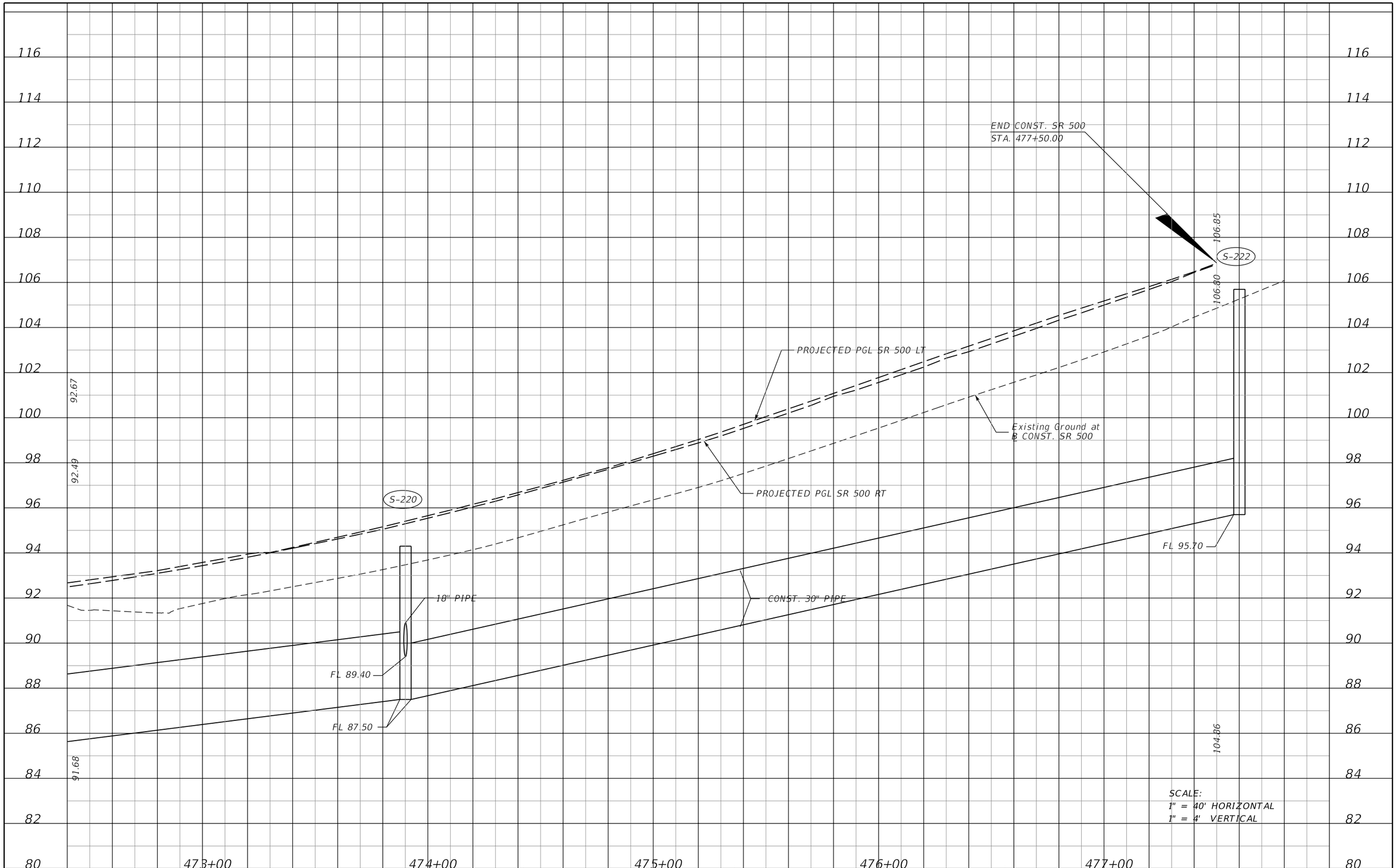
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

ROADWAY PROFILE SHEET
SR 500

SHEET NO. 97

jcapra 3/28/2016 10:16:18 AM P:\7844-Wekiva3B\23827525201\roadway\profrd23.dgn



SCALE:
1" = 40' HORIZONTAL
1" = 4' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

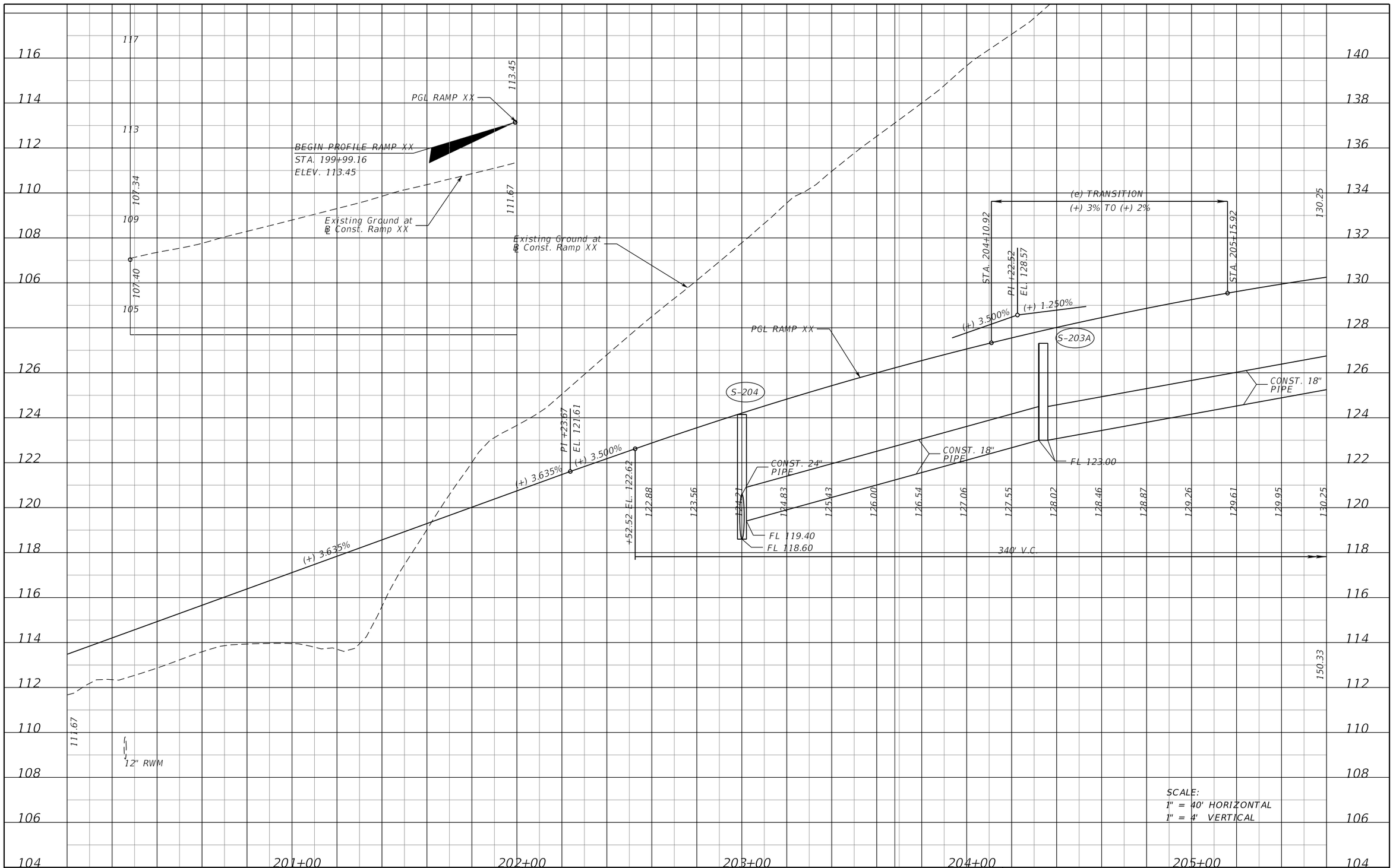
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

ROADWAY PROFILE SHEET
SR 500

SHEET NO. 98

jcapra 3/28/2016 10:16:19 AM P:\7844-Wekiva3B\23827525201\roadway\profrd24.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

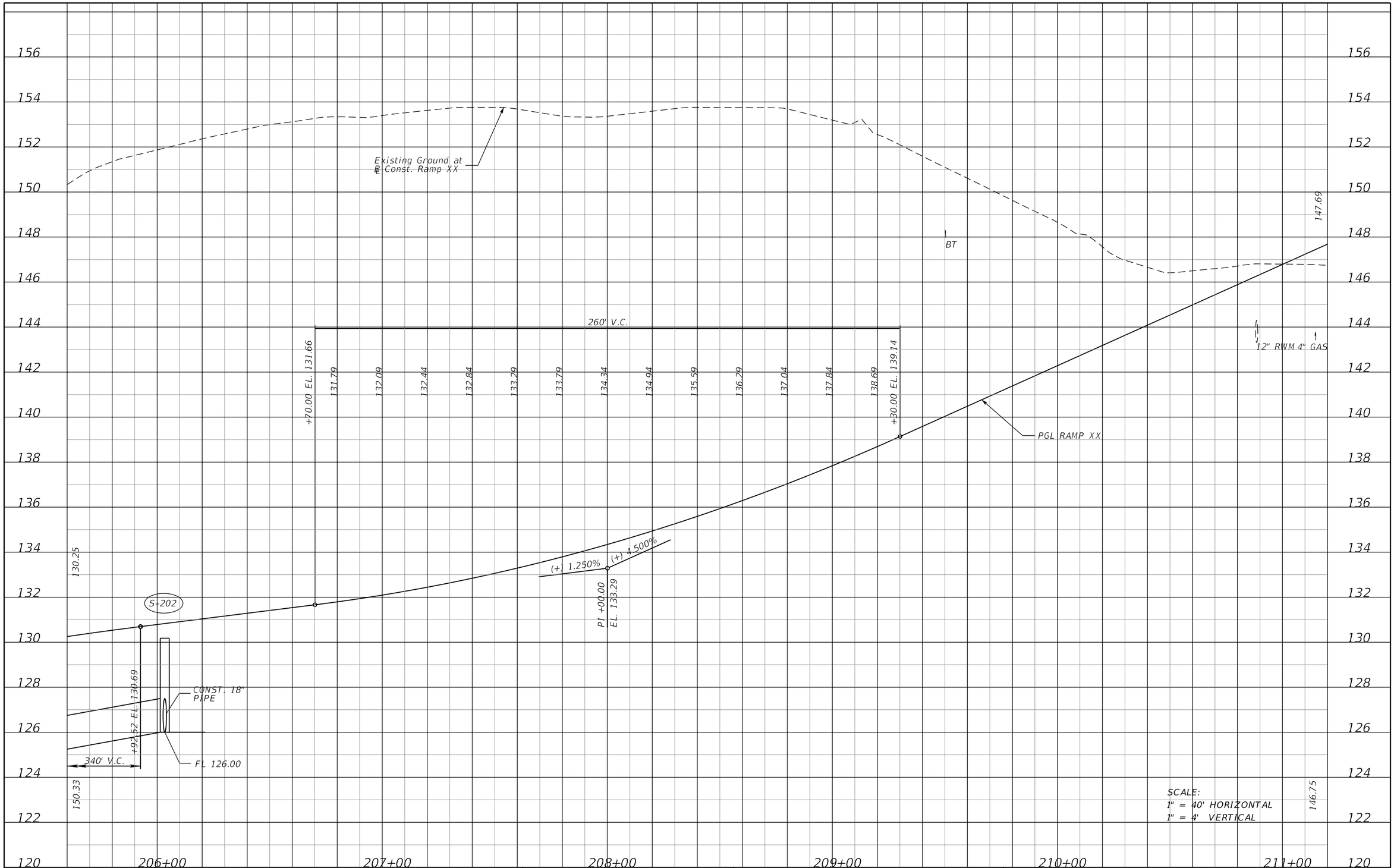
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

ROADWAY PROFILE SHEET
RAMP XX

SHEET NO. 99

jcapra 3/28/2016 10:16:20 AM P:\7844-Wekiva3B\23827525201\roadway\profrd25.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

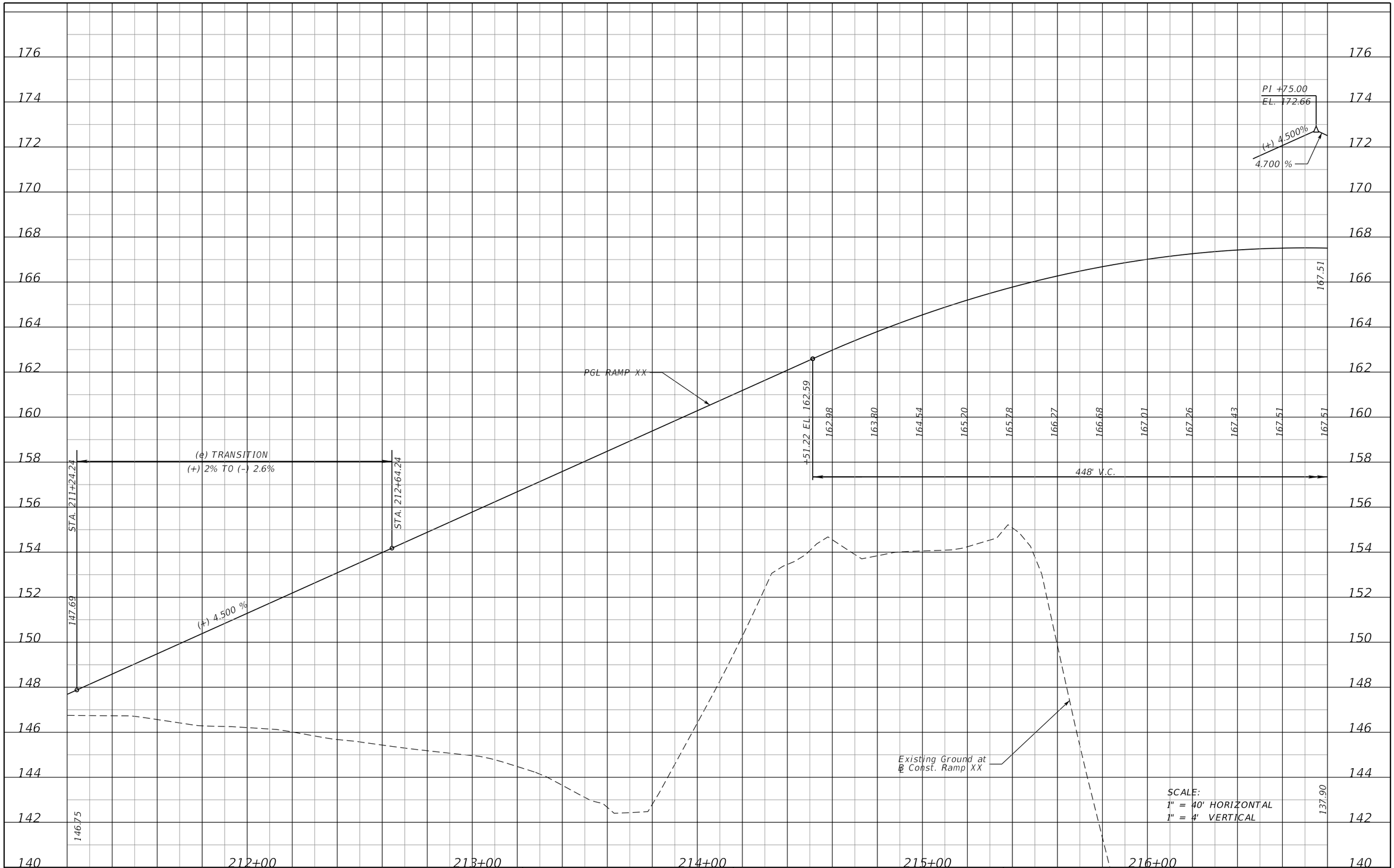
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

ROADWAY PROFILE SHEET
RAMP XX

SHEET NO. 100

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

jcapra 3/28/2016 10:16:21 AM P:\7844-Wekiva3B\23827525201\roadway\profrd26.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

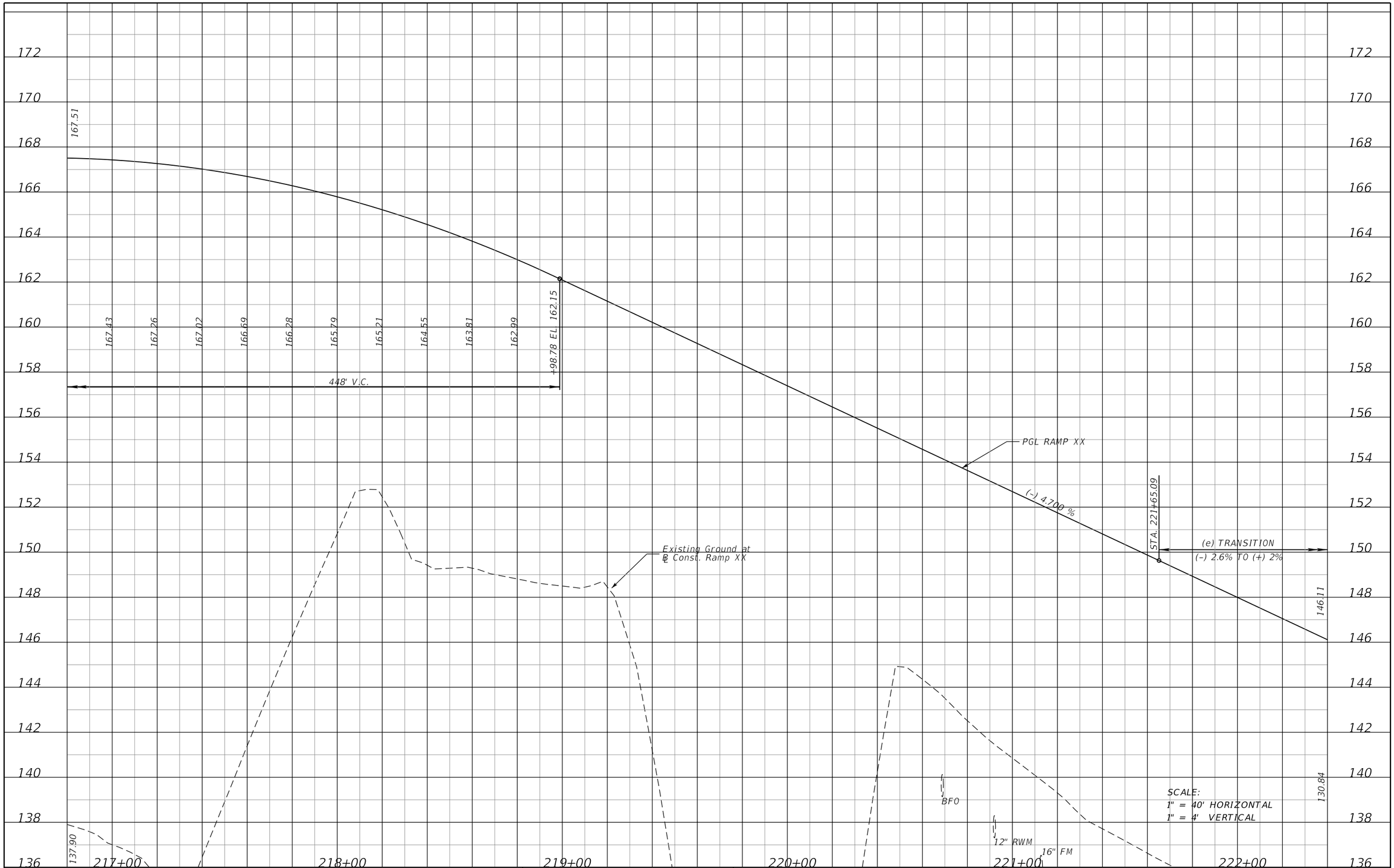
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

ROADWAY PROFILE SHEET
RAMP XX

SHEET NO. 101

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

jcapra 3/28/2016 10:16:22 AM P:\7844-Wekiva3B\23827525201\roadway\profrd27.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

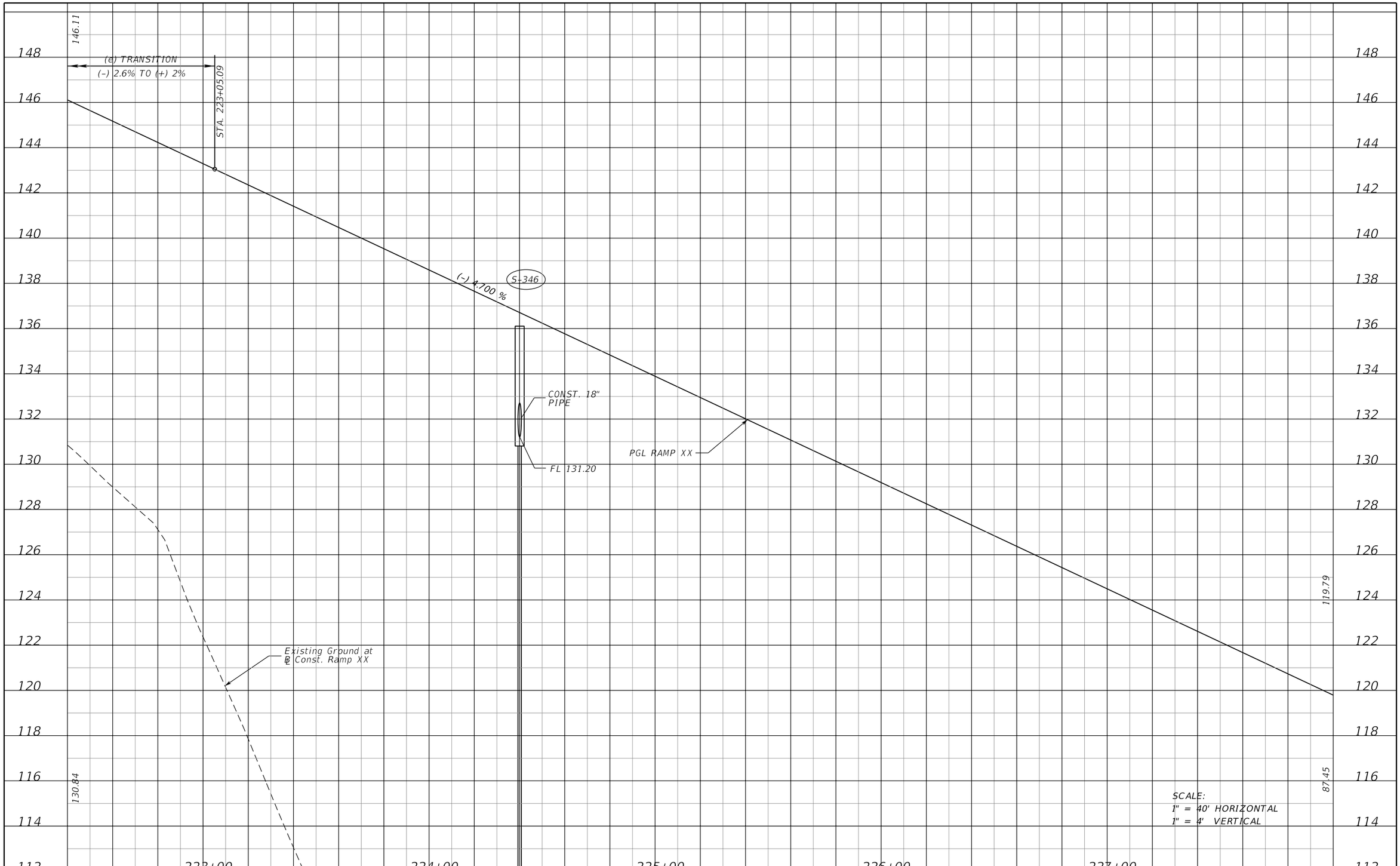
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

ROADWAY PROFILE SHEET
RAMP XX

SHEET NO. 102

jcapra 3/28/2016 10:16:24 AM P:\7844-Wekiva3B\23827525201\roadway\profrd28.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SCALE:
1" = 40' HORIZONTAL
1" = 4' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

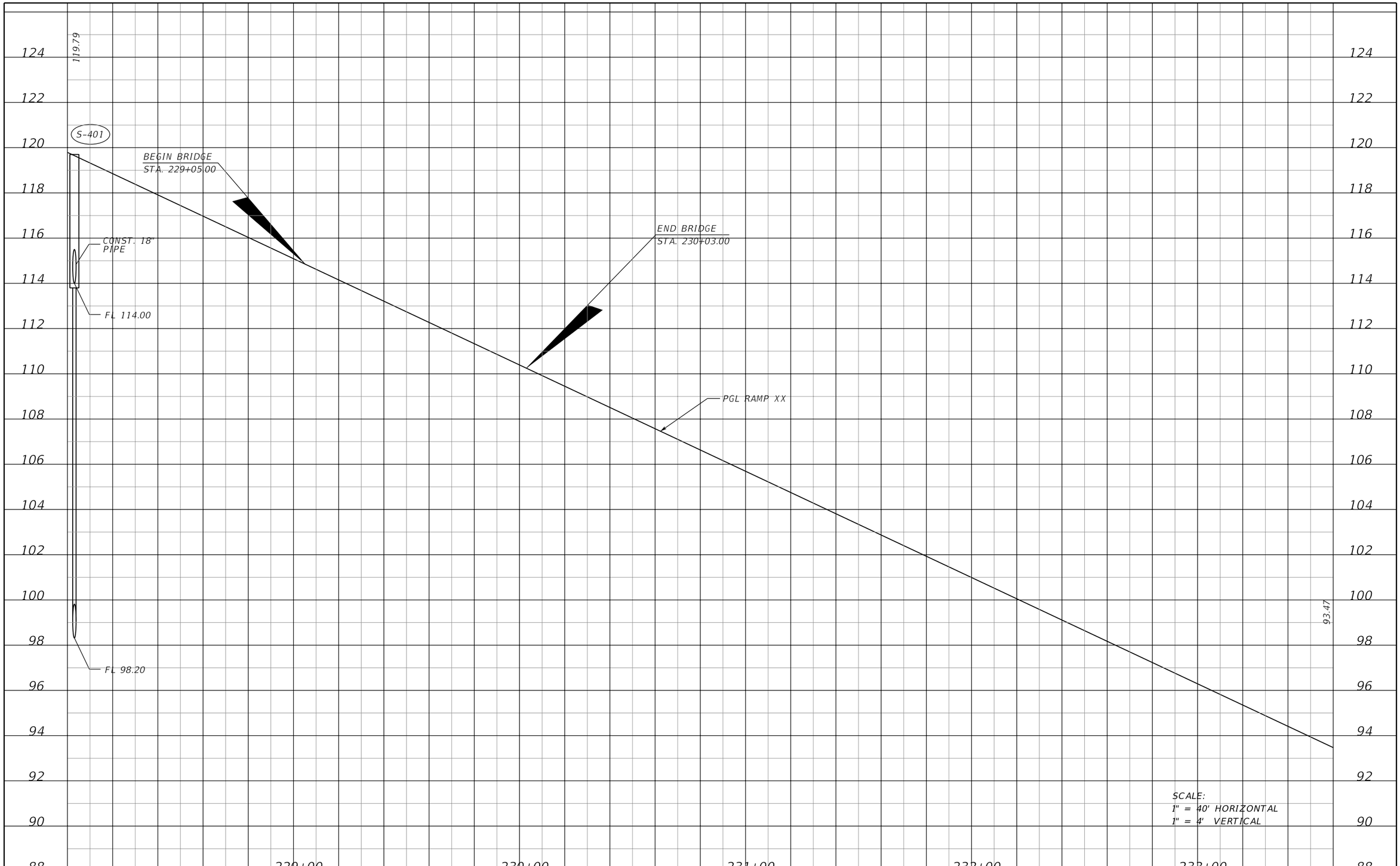
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

ROADWAY PROFILE SHEET
RAMP XX

SHEET NO. 103

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

jcapra 3/28/2016 10:16:25 AM P:\7844-Wekiva3B\23827525201\roadway\profrd29.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

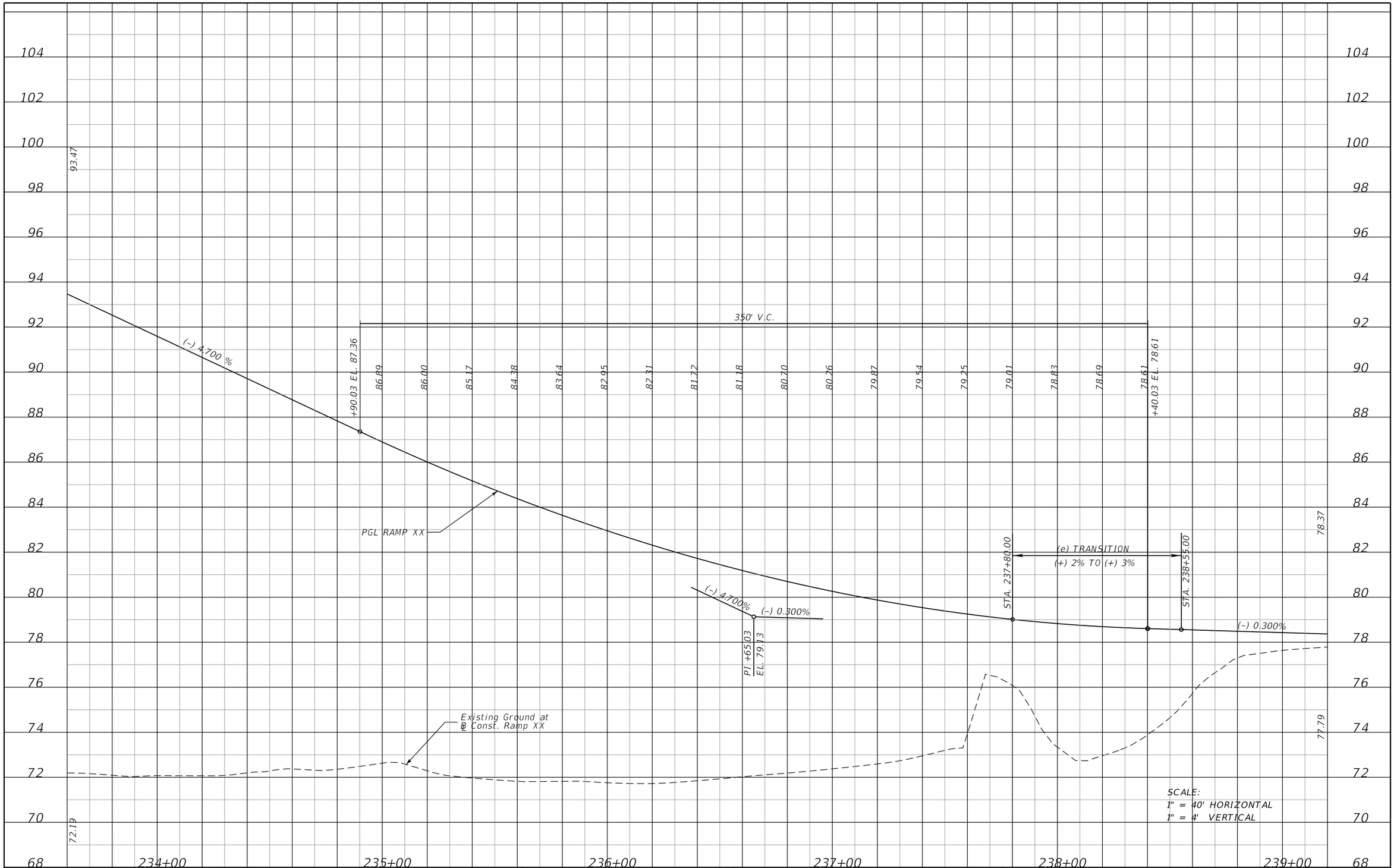
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

ROADWAY PROFILE SHEET
RAMP XX

SHEET NO. 104

jcapra 3/28/2016 10:16:26 AM P:\7844-Wekiva3B\23827525201\roadway\profrd30.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

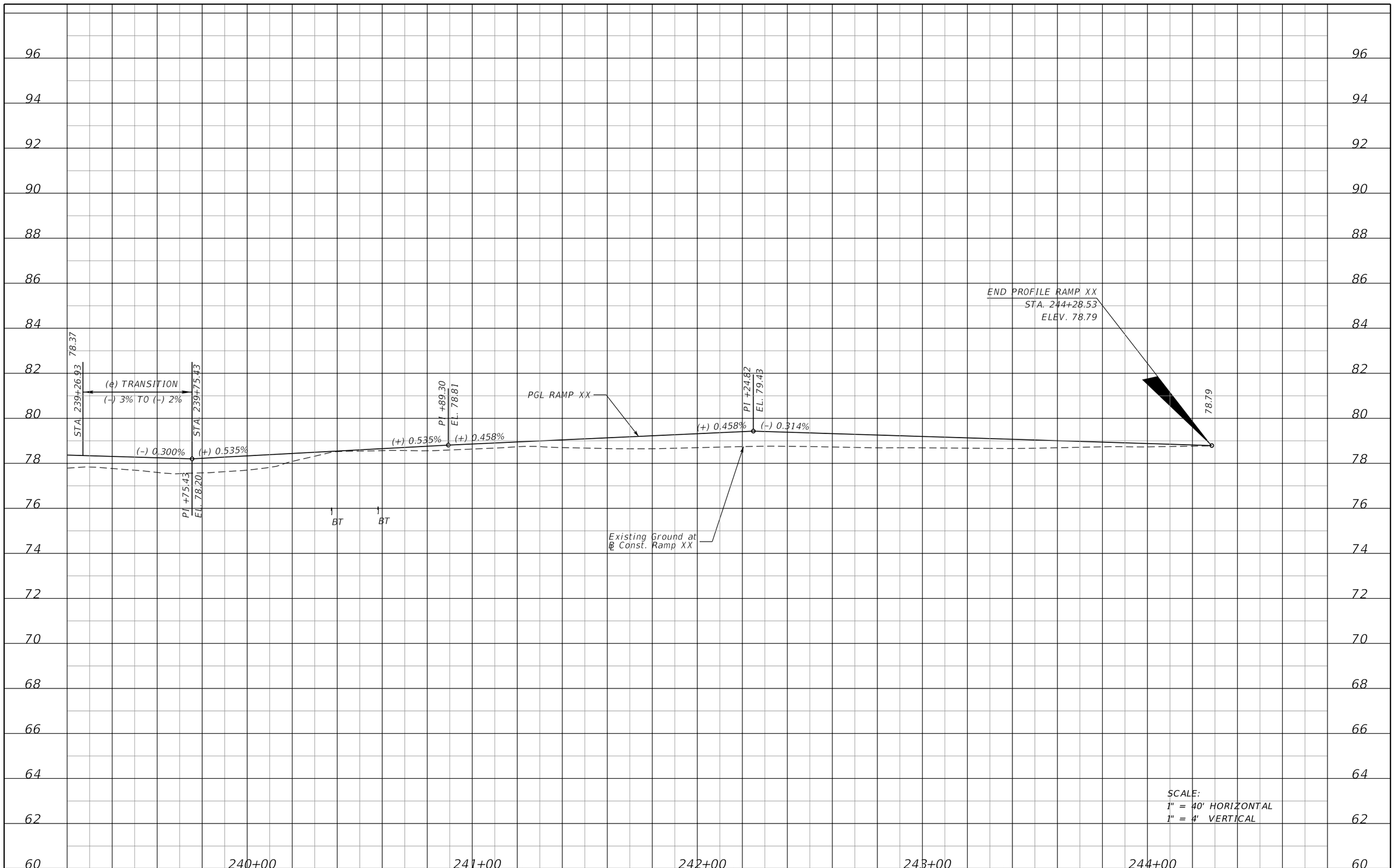
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

ROADWAY PROFILE SHEET
RAMP XX

SHEET NO. 105

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

jcapra 3/28/2016 10:16:27 AM P:\7844-Wekiva3B\23827525201\roadway\profrd31.dgn



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

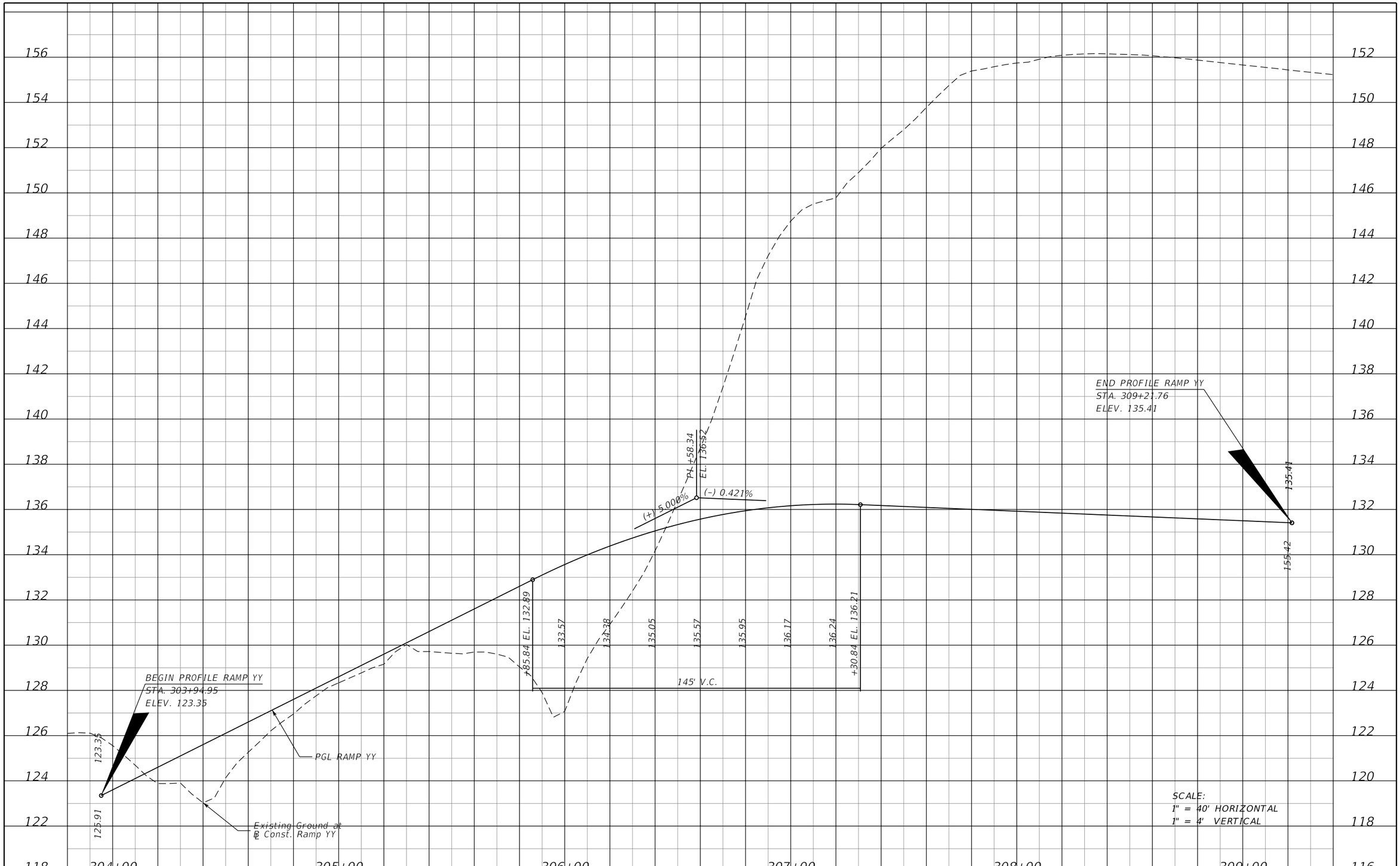
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

ROADWAY PROFILE SHEET
RAMP XX

SHEET NO. 106

jcapra 3/28/2016 10:16:28 AM P:\7844-Wekiva3B\23827525201\roadway\profrd32.dgn



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

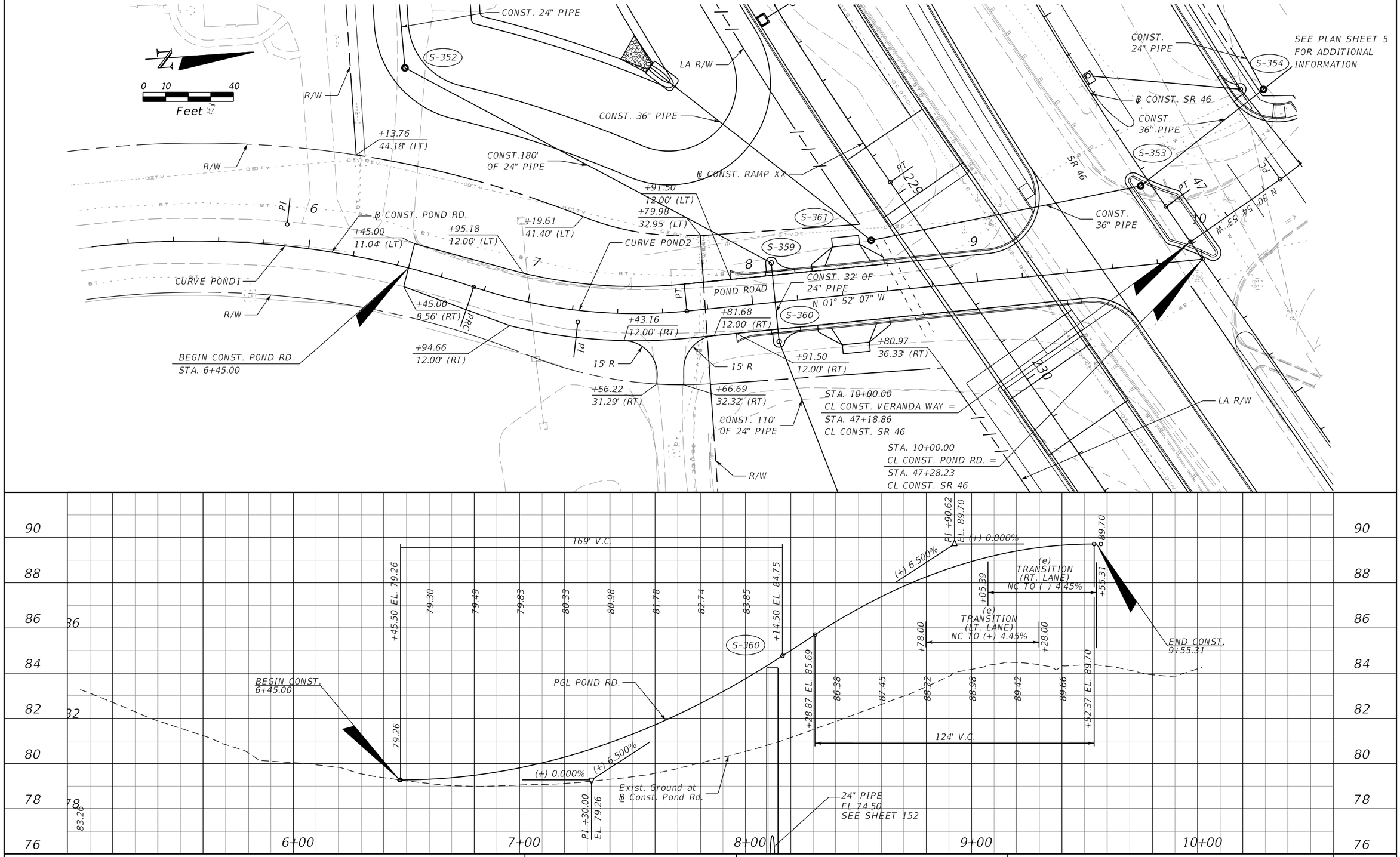
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

ROADWAY PROFILE SHEET
RAMP YY

SHEET NO. 107



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

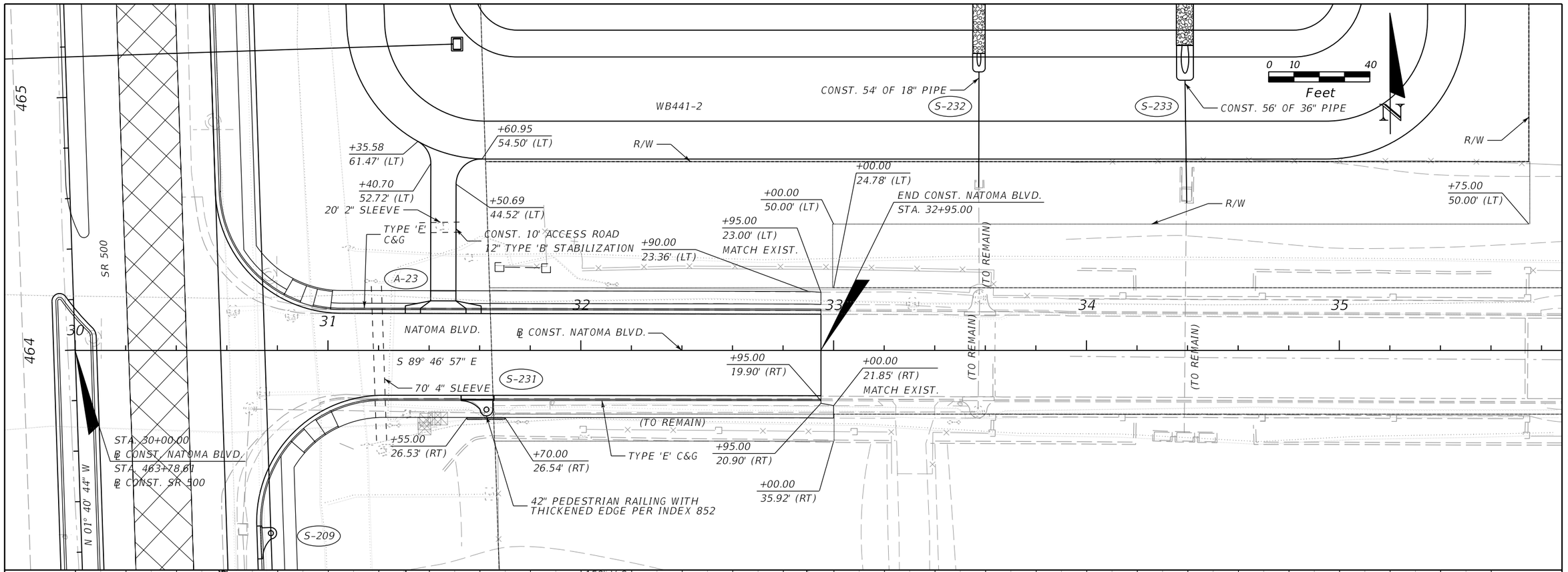
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

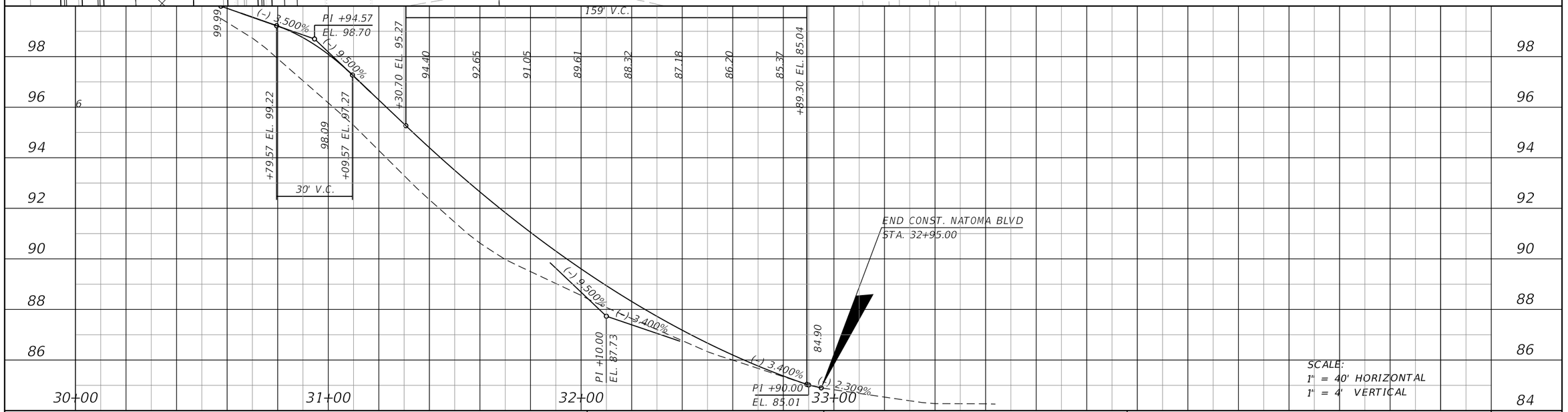
PLAN AND PROFILE SHEET
POND ROAD

SHEET NO. 108

jcapra 3/28/2016 10:16:31 AM P:\7844-Wekiva3B\23827525201\roadway\plprrd01.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.





SCALE:
1" = 40' HORIZONTAL
1" = 4' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

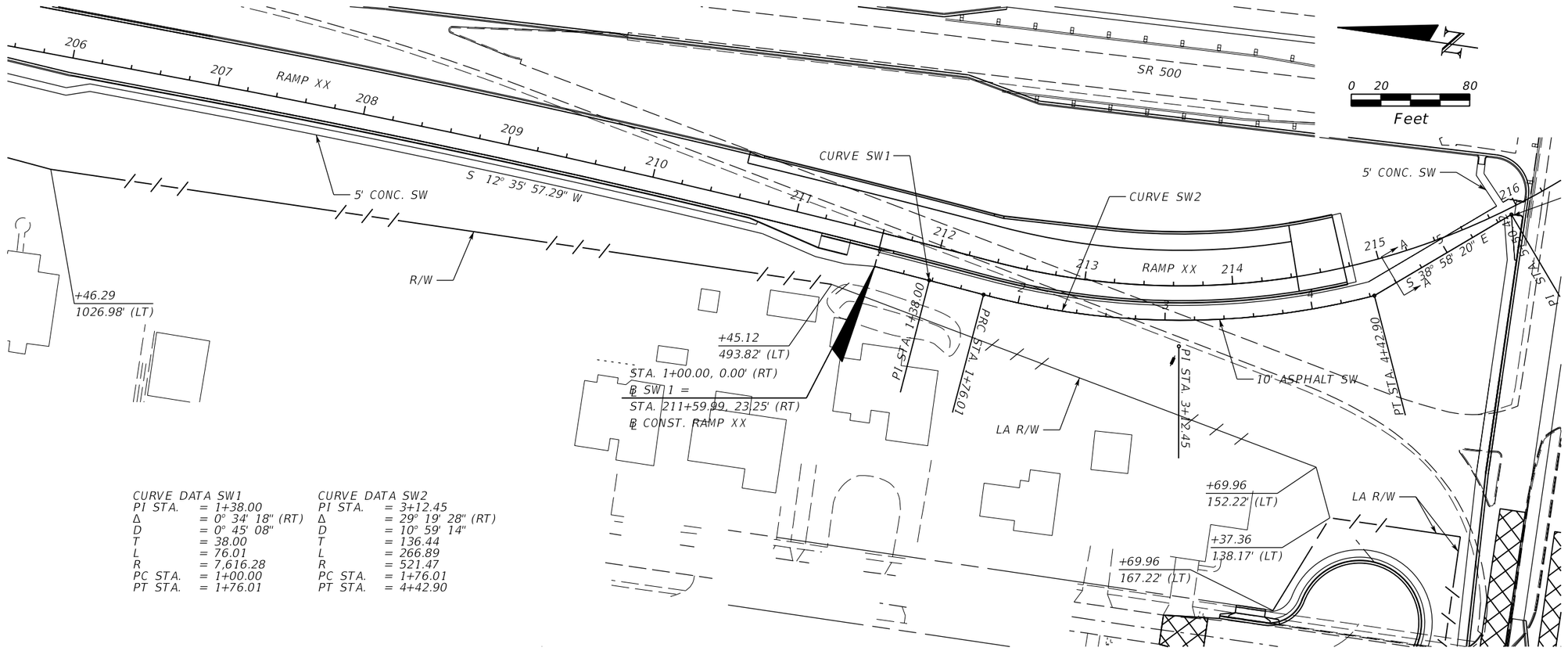
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

PLAN AND PROFILE SHEET
NATOMA BLVD.

SHEET NO. 109

jcapra 3/28/2016 10:16:33 AM P:\7844-Wekiva3B\23827525201\roadway\plprrd03.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

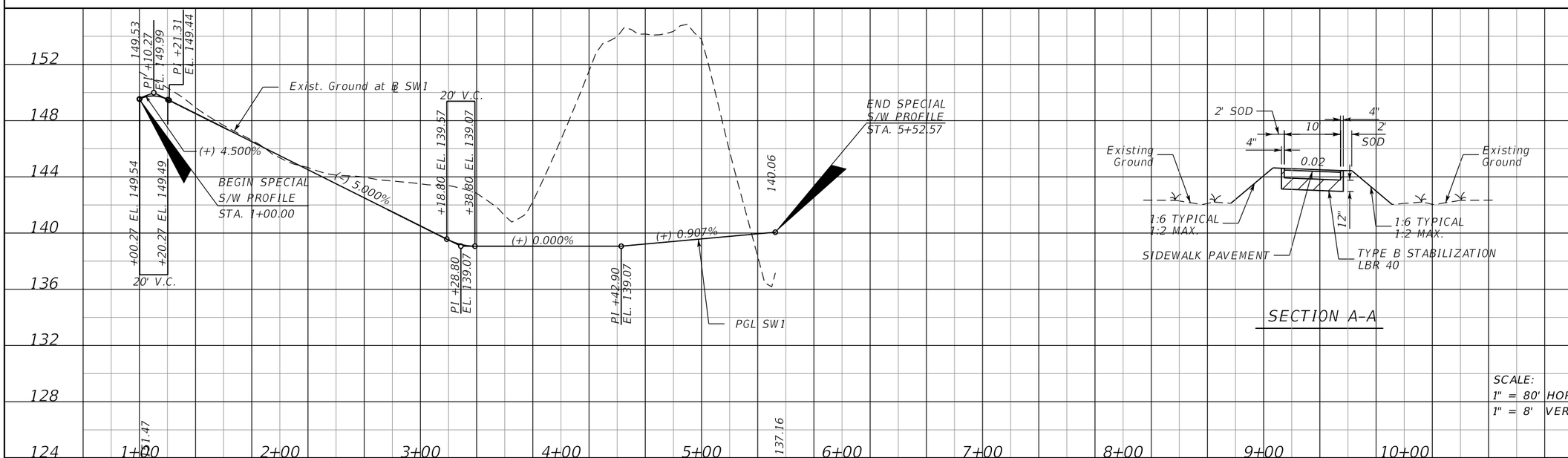


CURVE DATA SW1

PI STA.	= 1+38.00
Δ	= 0° 34' 18" (RT)
D	= 0° 45' 08"
T	= 38.00
L	= 76.01
R	= 7,616.28
PC STA.	= 1+00.00
PT STA.	= 1+76.01

CURVE DATA SW2

PI STA.	= 3+12.45
Δ	= 29° 19' 28" (RT)
D	= 10° 59' 14"
T	= 136.44
L	= 266.89
R	= 521.47
PC STA.	= 1+76.01
PT STA.	= 4+42.90



SECTION A-A

SCALE:
1" = 80' HORIZONTAL
1" = 8' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

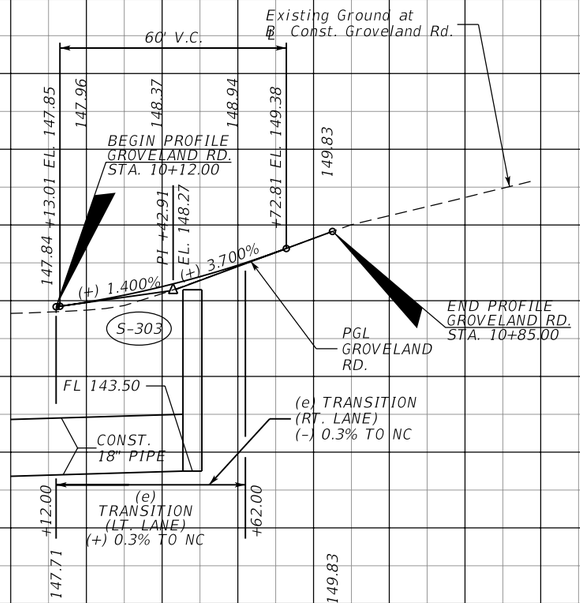
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

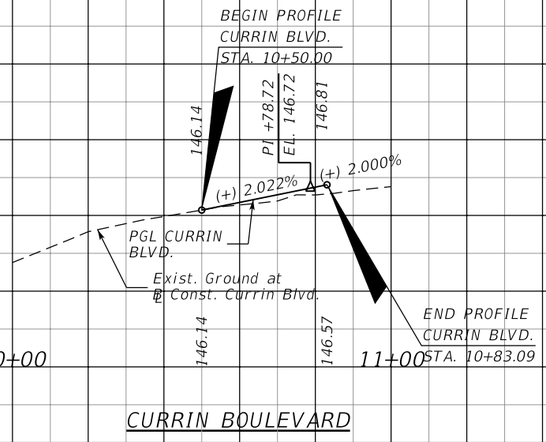
BACK-OF-SIDEWALK PLAN AND PROFILE

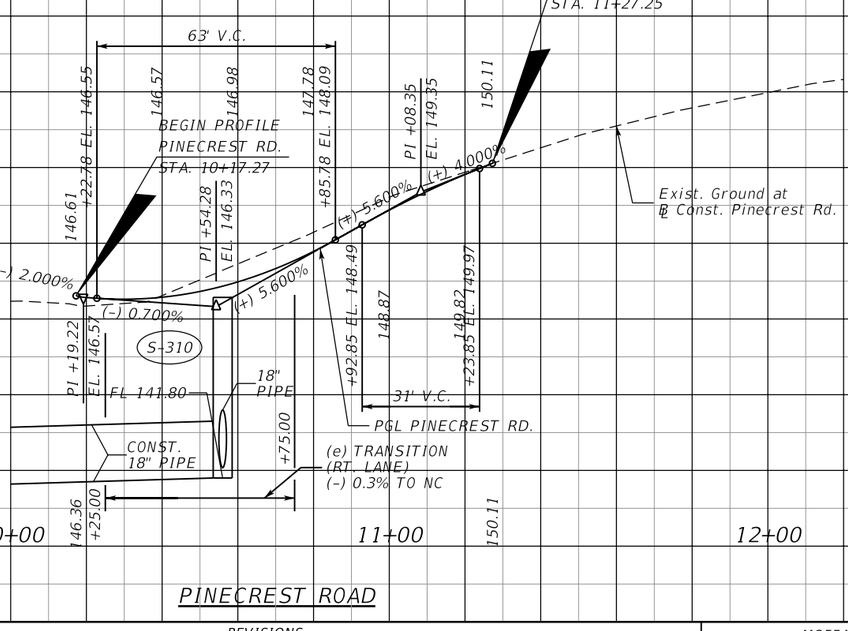
SHEET NO. 110

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

jcapra 3/28/2016 10:16:35 AM P:\7844-Wekiva3B\23827525201\roadway\plprrd02.dgn







SCALE:
1" = 40' HORIZONTAL
1" = 4' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

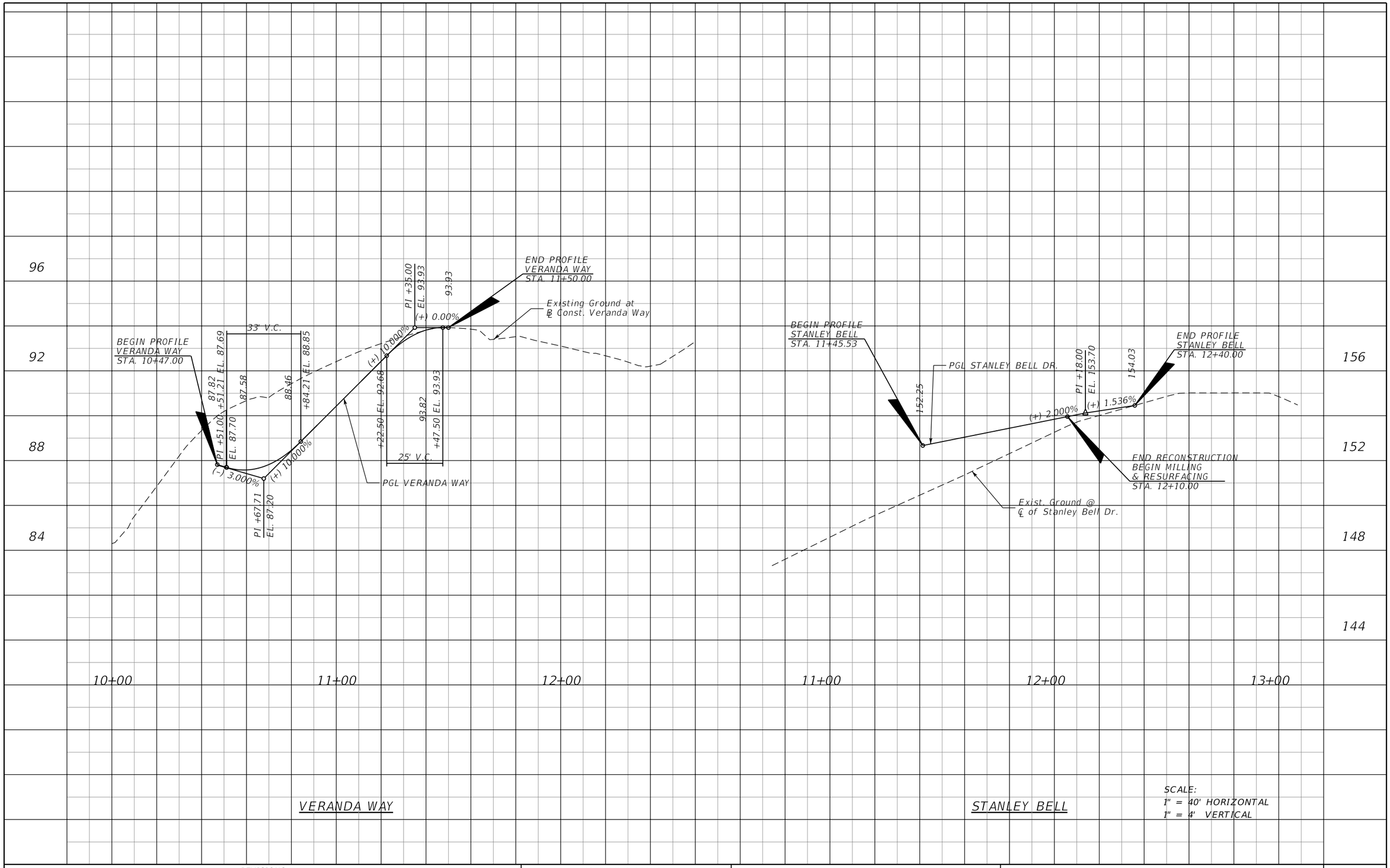
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SPECIAL PROFILES
SIDE STREETS

SHEET NO. 111

jcapra 3/28/2016 10:16:36 AM P:\7844-Wekiva3B\238275252O1\roadway\profrd35.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

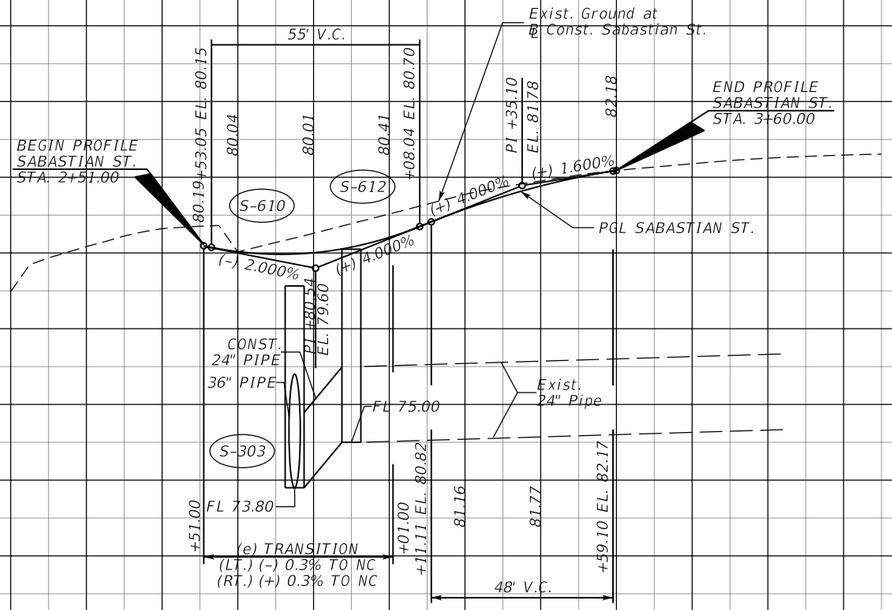
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SPECIAL PROFILES SIDESTREETS

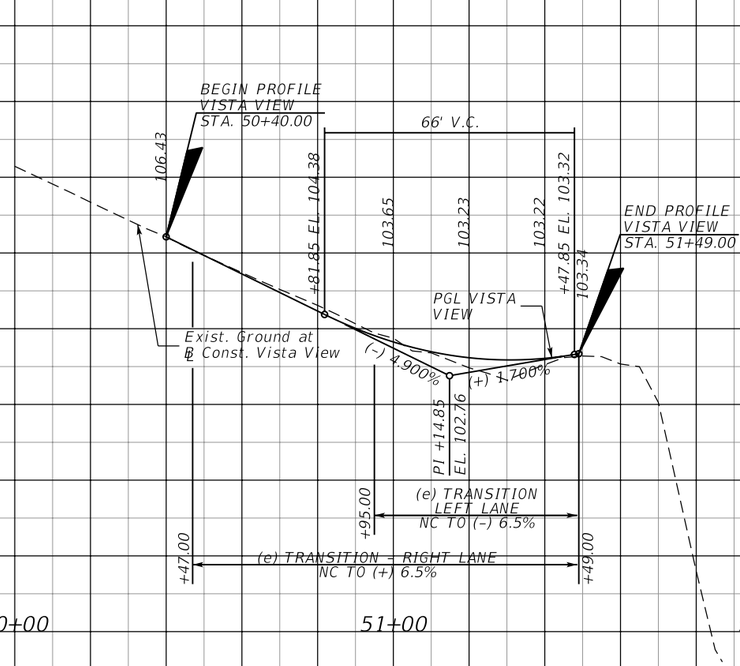
SHEET NO. 112

jcapra 3/28/2016 10:16:37 AM P:\7844-Wekiva3B\23827525201\roadway\profrd36.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SABASTIAN ST.



VISTA VIEW

112
108
104
100
84
80
76

SCALE:
1" = 40' HORIZONTAL
1" = 4' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

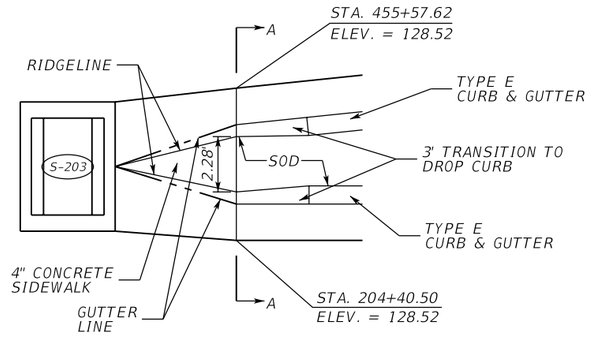
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

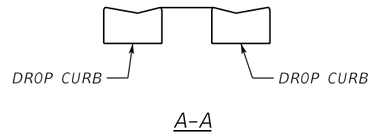
SPECIAL PROFILES SIDESTREETS

SHEET NO. 113

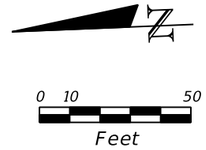
jcapra 3/28/2016 10:16:38 AM P:\7844-Wekiva3B\23827525201\roadway\profrd37.dgn

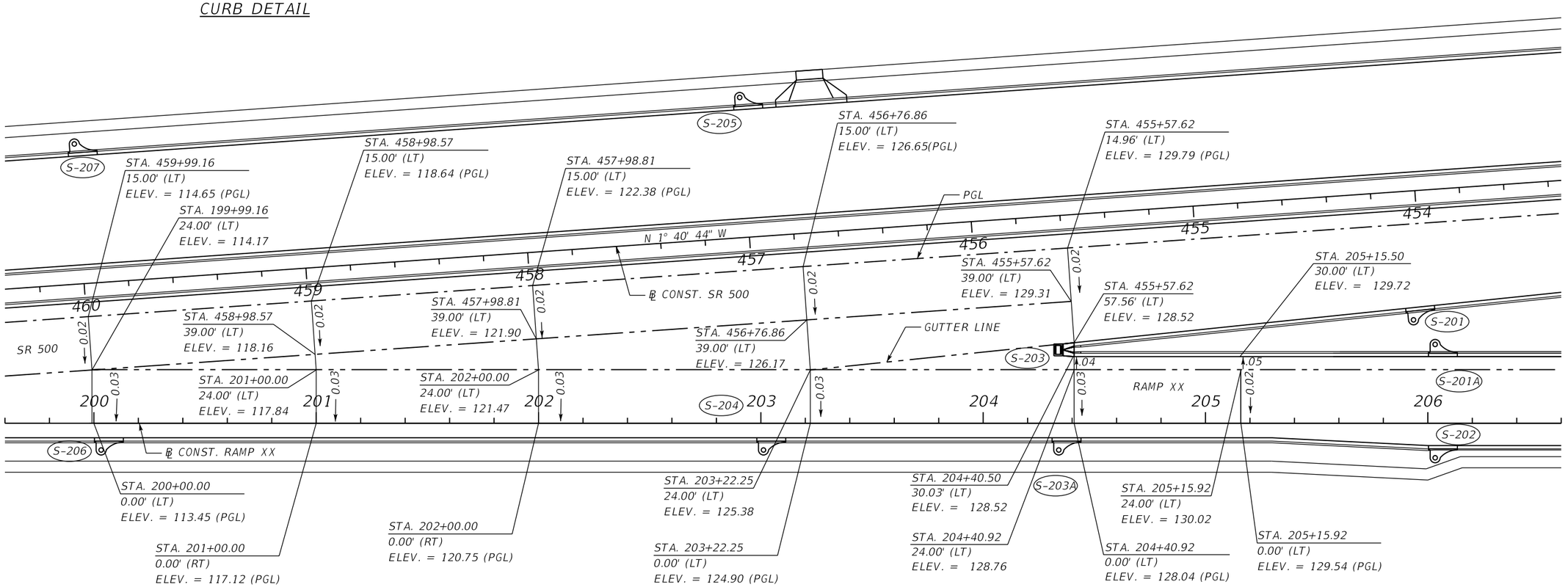


CURB DETAIL



A-A





LEGEND:

——— - - - BREAKLINES

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

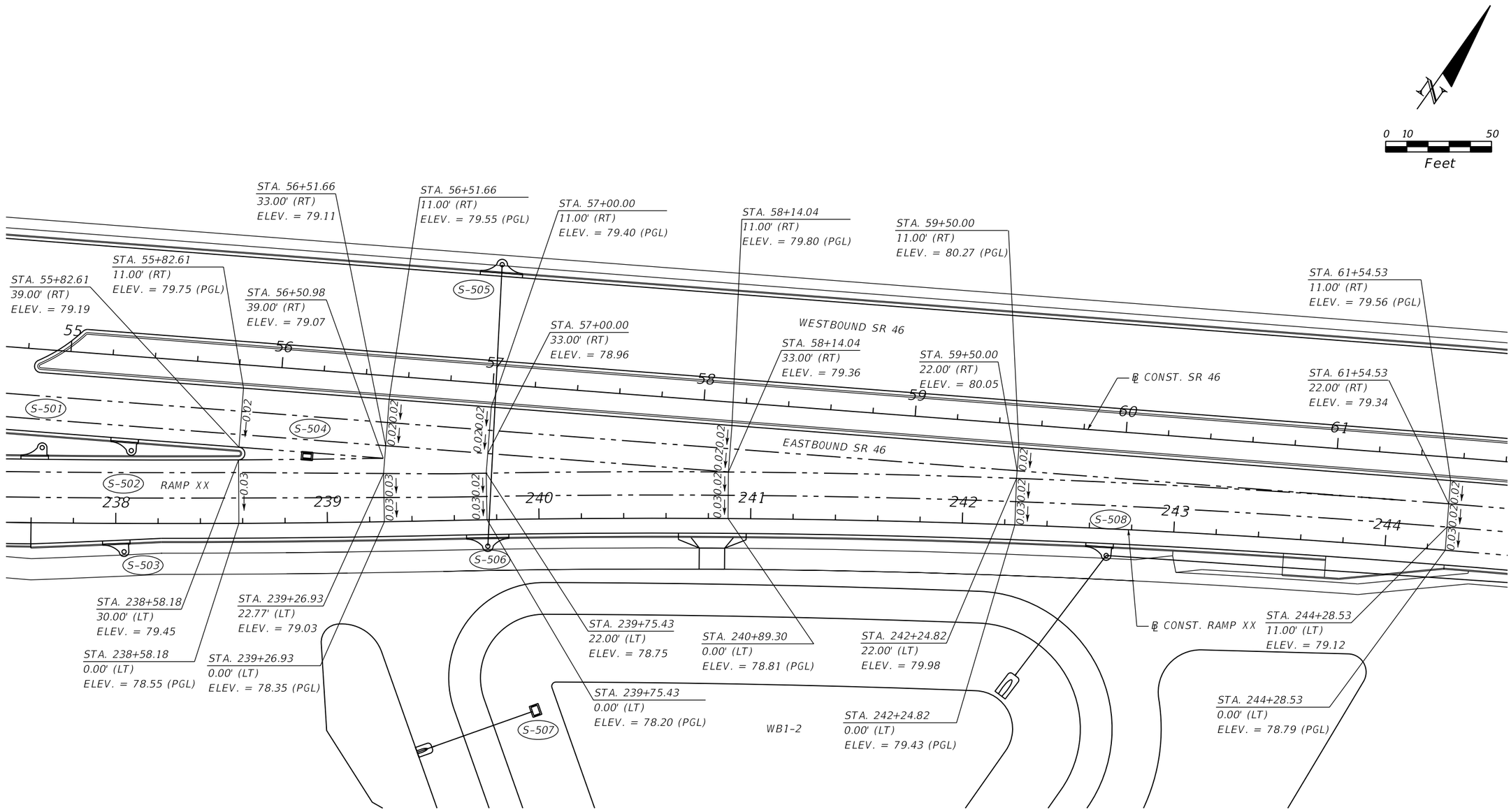
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

GORE DETAIL
SR 500 & RAMP XX

SHEET NO. 114

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



LEGEND:

——— - - - BREAKLINES

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

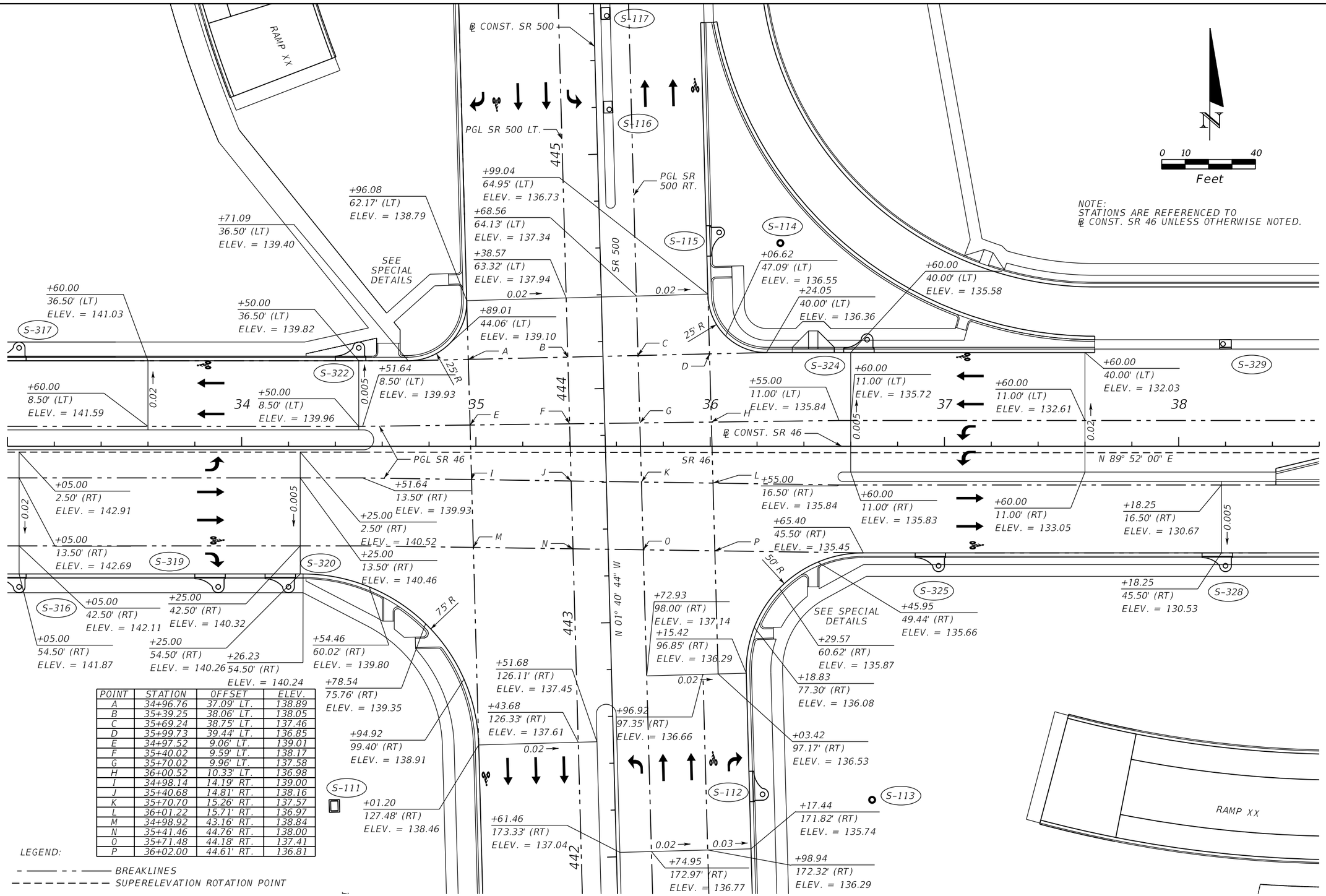
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

GORE DETAIL
SR 46 & RAMP XX

SHEET NO. 115

jcapra 3/28/2016 10:16:41 AM P:\7844-Wekiva3B\23827525201\roadway\spdtrd03.dgn



POINT	STATION	OFFSET	ELEV.
A	34+96.76	37.09' LT.	138.89
B	35+39.25	38.06' LT.	138.05
C	35+69.24	38.75' LT.	137.46
D	35+99.73	39.44' LT.	136.85
E	34+97.52	9.06' LT.	139.01
F	35+40.02	9.59' LT.	138.17
G	35+70.02	9.96' LT.	137.58
H	36+00.52	10.33' LT.	136.98
I	34+98.14	14.19' RT.	139.00
J	35+40.68	14.81' RT.	138.16
K	35+70.70	15.26' RT.	137.57
L	36+01.22	15.71' RT.	136.97
M	34+98.92	43.16' RT.	138.84
N	35+41.46	44.76' RT.	138.00
O	35+71.48	44.18' RT.	137.41
P	36+02.00	44.61' RT.	136.81

LEGEND:

BREAKLINES

SUPERELEVATION ROTATION POINT

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

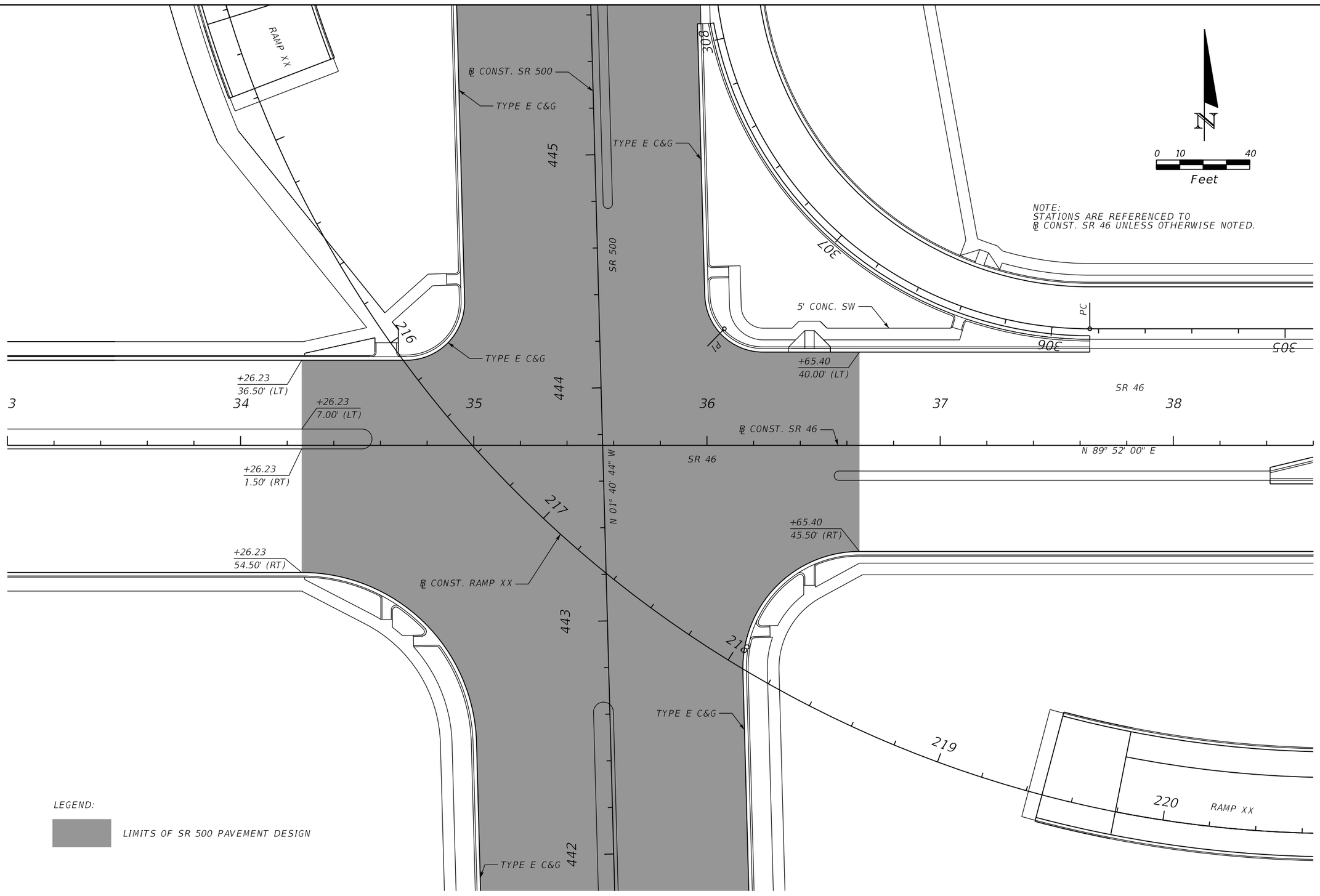
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

INTERSECTION DETAIL
SR 46 AT SR 500

SHEET NO. 116

jcapra 3/28/2016 10:16:42 AM P:\7844-Wekiva3B\23827525201\roadway\intdrd01.dgn



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

INTERSECTION DETAIL
SR 46 AT SR 500

SHEET NO. 117

jcapra 3/28/2016 10:16:44 AM P:\7844-Wekiva3B\23827525201\roadway\intdrd02.dgn

N

0 5 20
Feet

STA. 2+65.09
77.23' (LT)

STA. 2+78.23
78.98' (LT)

TCE

STA. 2+79.83
34.15' (LT)

STA. 2+84.58
31.28' (LT)

STA. 2+79.86
24.86' (LT)

STA. 2+94.14
27.77' (LT)

STA. 3+16.70
27.77' (LT)

STA. 3+16.60
24.98' (LT)

R/W

STA. 2+67.12
24.25' (LT)

DROP CURB

STA. 3+05.91
13.17' (LT)

STA. 3+32.59
12.00' (LT)

50' R

STA. 2+99.91
12.00' (LT)

STA. 3+60.00
12.00' (LT)

PCC STA 4+31.06

SABASTIAN STREET

STA. 3+32.48
12.00' (RT)

PC STA. 3+32.59

CURVE SABASTIAN1

STA. 3+04.11
12.00' (RT)

STA. 3+25.63
12.00' (RT)

DROP CURB

STA. 3+53.09
12.00' (RT)

6" CONC. SW

STA. 3+00.80
12.00' (RT)

50' R

STA. 3+60.00
12.00' (RT)

PI STA. 3+82.80

℄ CONST. SABASTIAN STREET

STA. 2+66.88
25.26' (RT)

STA. 3+03.74
13.17' (RT)

STA. 3+06.84
18.80' (RT)

STA. 3+35.68
17.80' (RT)

STA. 3+53.09
15.00' (RT)

STA. 2+80.08
25.14' (RT)

R/W

STA. 3+50.34
18.05' (RT)

STA. 3+04.11
15.00' (RT)

STA. 3+32.42
15.00' (RT)

STA. 2+78.15
27.82' (RT)

STA. 3+22.79
18.12' (RT)

STA. 3+25.63
15.00' (RT)

R/W

℄ CONST. SR 46

SR 46

N 3° 19' 55" W

75

76

2

3

4

5

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

INTERSECTION DETAIL
SABASTIAN STREET AT SR 46

SHEET NO. 118

jcapra 3/28/2016 10:16:45 AM P:\7844-Wekiva3B\23827525201\roadway\intdrd03.dgn

SEE PLAN SHEET 2 FOR ADDITIONAL INFORMATION

N

0 5 20
Feet

R/W

+49.00
35.00' (LT)

+08.42
23.28' (LT)

+08.08
14.28' (LT)
ELEV.=151.35

5' CONC. SIDEWALK

2' SOD

PROPOSED CROWN LINE

+45.53
0.00' (RT)
ELEV.=152.25

℄ CONST. STANLEY BELL DR.

11

12

13

0.02

+68.96
17.80' (RT)
ELEV.= 150.8

+22.81
7.07' (RT)
ELEV.= 151.87

40' R

+47.37
33.63' (RT)
ELEV.= 150.8

+08.16
25.72' (RT)
ELEV.= 151.60

0.3%

0.025

+00.25
64.93' (RT)
ELEV.= 150.61

S-314

S-315

LA R/W

R/W

+88.26
23.15' (LT)
MATCH EXIST.

+88.26
14.15' (LT)
ELEV.=152.82

+78.12
18.16' (LT)

+10.00
11.84' (LT)

+02.48
34.93' (LT)

+02.50
24.93' (LT)

END RECONSTRUCTION
BEGIN MILLING AND RESURFACING
STA. 12+10.00
ELEV.=154.04

R/W

+18.53
10.94' (LT)
MATCH EXIST.

+40.00
8.66' (LT)
MATCH EXIST.

EXIST. EOP

N 00° 00' 45" W

STANLEY BELL DR.

END CONSTRUCTION
STA. 12+40.00

+71.85
14.46' (RT)
ELEV.=152.48

25' R

+18.41
12.22' (RT)
MATCH EXIST.

+40.00
11.27' (RT)
MATCH EXIST.

G 15

+02.23
14.52' (RT)
ELEV.=153.08

+10.00
13.85' (RT)

R/W

+72.25
25.05' (RT)

+92.25
25.06' (RT)

+67.28
25.05' (RT)

PROP. TYPE F C&G

R/W

LEGEND:

MILLING & RESURFACING

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CUL-DE-SAC DETAIL

SHEET NO.
119

jcapra 3/28/2016 10:16:46 AM P:\7844-Wekiva3B\23827525201\roadway\planrd30.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

℄ CONST. SR 46

158
156
154
152
150
148
146
144
142
140
138

R/W

TO S-305

CONST. 18" PIPE

3" WM

4" GM

147.43

S-304

STA. 25+80.00 (17.50 LT)
CONST. INLET TYPE P-1
INDEX NO. 210
INLET EL. 147.34
FL 143.10 (AH)
FL 143.10 (BK)

CONST. 18" PIPE

FROM S-302

S-304
25+80.00

S-303
SEE SHEET 169

156
154
152
150
148
146
144
142
140
138
136

TO S-304

CONST. 18" PIPE

FROM S-303

3" WM

4" GM

147.63

S-302

STA. 25+24.00 (19.00 LT)
CONST. MANHOLE TYPE 7
INDEX NO. 200, 201
TOP EL. 147.81
FL 143.30 (AH)
FL 143.30 (BK)
FL 143.30 (LT)

CONST. 18" PIPE

FROM S-301

S-302
25+24.00

158
156
154
152
150
148
146
144
142
140
138
136

TO S-302

R/W

CONST. 18" PIPE

3" WM

FM

4" GM

147.90

S-301

STA. 24+73.00 (20.90 LT)
CONST. DBI TYPE D
INDEX NO. 232
GRATE EL. 146.90
FL 143.50 (AH)

S-301
24+73.00

℄ CONST. SR 46

GENERAL NOTES:

1. SPECIAL ATTENTION IS DIRECTED TO THE FACT THAT PORTIONS OF SOME DRAINAGE STRUCTURES EXTEND INTO THE STABILIZED PORTION OF THE ROADBED AND EXTREME CAUTION WILL BE NECESSARY IN STABILIZATION OPERATIONS AT THESE LOCATIONS.

2. ALL DRAINAGE STRUCTURES HAVE OPTIONAL MATERIALS. THE OPTIONAL MATERIALS TABULATION SHEET(S) SHOWS ALL MATERIALS ALLOWED AS WELL AS INDICATING WHICH MATERIAL IS PLOTTED ON THESE SHEETS AND USED AS THE BASIS FOR PAY QUANTITIES.

3. OFFSET INLETS TYPE 7 ARE TO THE EOP ON THROAT SIDE.

140 120 100 80 60 40 20 0 20 40 60 80 100

SCALE
1" = 20' Horizontal
1" = 10' Vertical

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

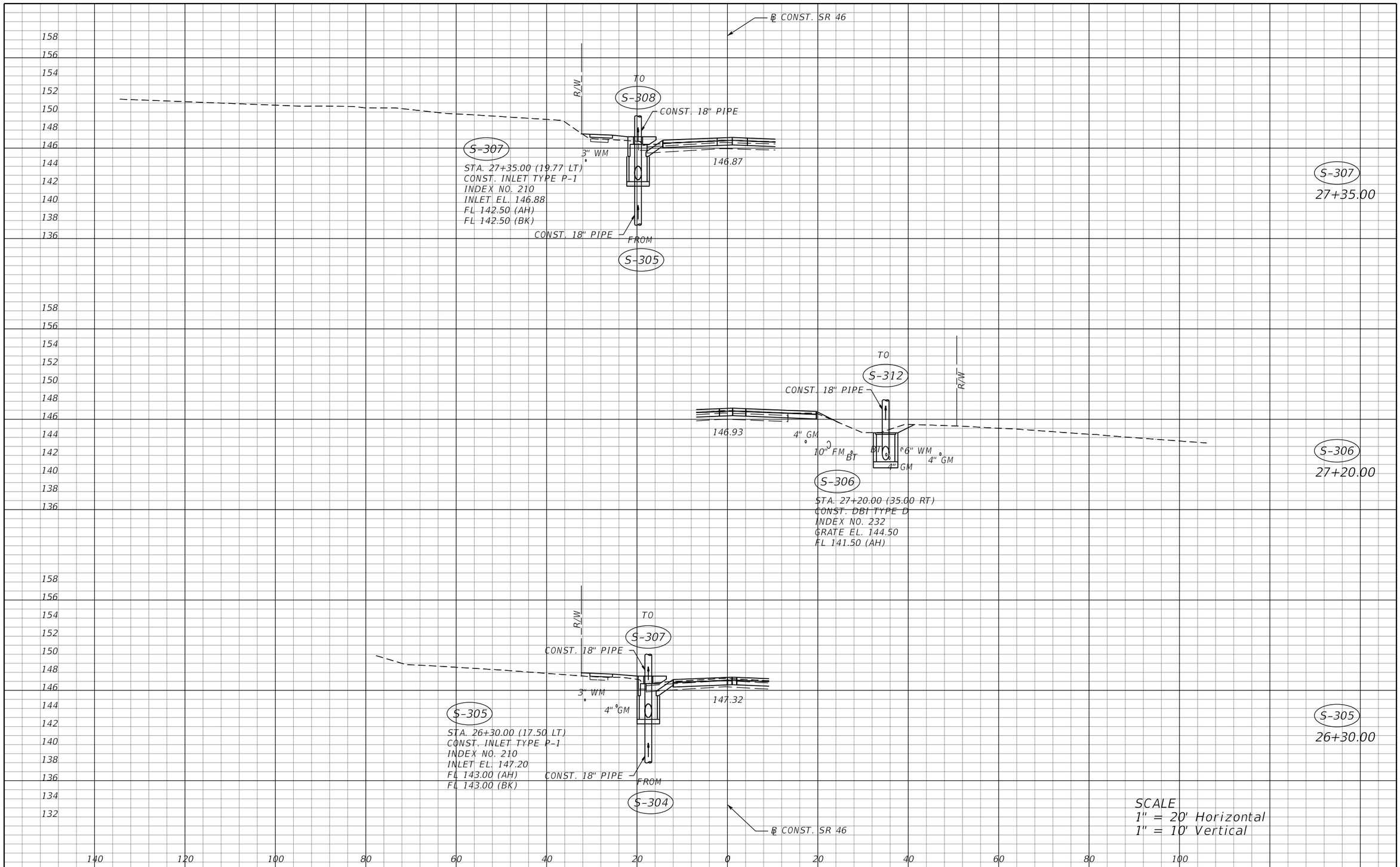
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO. 120

jcapra 3/28/2016 10:16:50 AM P:\7844-Wekiva3B\23827525201\drainage\drxsrd01.dgn



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO. 121

jcapra 3/28/2016 10:16:51 AM P:\7844-Wekiva3B\23827525201\drainage\drxsrd01.dgn

℄ CONST. SR 46

R/W

TO S-314

CONST. 18" PIPE

S-313

STA. 30+20.00 (33.27 LT)
CONST. INLET TYPE P-1
INDEX NO. 210
INLET EL. 145.88
FL 141.00 (AH)
FL 141.00 (BK)

3" WM

146.22

CONST. 18" PIPE

FROM S-309

TO S-316

CONST. 18" PIPE

LA R/W

S-312

STA. 30+20.00 (41.80 RT)
CONST. INLET TYPE P-1
INDEX NO. 210
INLET EL. 145.75
FL 141.00 (AH)
FL 141.00 (BK)

10" FM BT

4" GM BT

CONST. 18" PIPE

FROM S-306

S-313
S-312
30+20.00

S-310
SEE SHEET 169

6" WM

TO S-313

CONST. 18" PIPE

S-309

STA. 28+08.00 (22.60 LT)
CONST. MANHOLE TYPE 7
INDEX NO. 200, 201
TOP EL. 146.60
FL 141.60 (AH)
FL 141.70 (BK)
FL 141.60 (LT)

FROM S-310

3" WM

146.53

CONST. 18" PIPE

FROM S-308

S-309
28+08.00

R/W

TO S-309

CONST. 18" PIPE

S-308

STA. 27+87.30 (21.51 LT)
CONST. INLET TYPE P-1
INDEX NO. 210
INLET EL. 146.72
FL 142.00 (AH)
FL 142.00 (BK)

3" WM

146.61

CONST. 18" PIPE

FROM S-307

S-308
27+87.00

℄ CONST. SR 46

SCALE
1" = 20' Horizontal
1" = 10' Vertical

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO. 122

jcapra 3/28/2016 10:16:51 AM P:\7844-Wekiva3B\23827525201\drainage\drxsrd01.dgn

℄ CONST. SR 46

S-318

SEE DRAINAGE DETAILS

S-317

S-316

33+05.00

FROM S-322

CONST. 18" PIPE

FROM S-319

CONST. 18" PIPE

143.25

BT

10" FM

4" GM

STA. 33+05.00 (97.40 LT)
CONST. MES (1:4)
INDEX NO. 272
FL 130.00

POND WB441-1-1

CONST. RIPRAP (DITCH LINING)

CONST. 24" PIPE

CONST. 24" PIPE

FROM S-314

S-317

STA. 33+05.00 (42.00 LT)
CONST. INLET TYPE P-1
INDEX NO. 210
INLET EL. 142.13
FL 135.00 (AH)
FL 137.40 (BK)
FL 132.00 (LT)

S-316

STA. 33+05.00 (60.00 RT)
CONST. INLET TYPE P-1
INDEX NO. 210
INLET EL. 141.87
FL 132.00 (RT)
FL 137.50 (BK)
FL 134.70 (AH)

CONST. 18" PIPE

FROM S-312

STA. 33+28.15 (117.70 RT)
CONST. MES (1:4)
INDEX NO. 272
FL 129.00

POND WB441-1-2

CONST. RIPRAP (DITCH LINING)

TO S-317

R/W

CONST. 24" PIPE

S-314

STA. 31+70.00 (38.27 LT)
CONST. INLET TYPE P-1
INDEX NO. 210
INLET EL. 144.72
FL 140.00 (AH)
FL 140.50 (BK)

144.74

CONST. 18" PIPE

FROM S-313

S-315

SEE SHEET 169

S-314

31+70.00

℄ CONST. SR 46

SCALE
1" = 20' Horizontal
1" = 10' Vertical

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

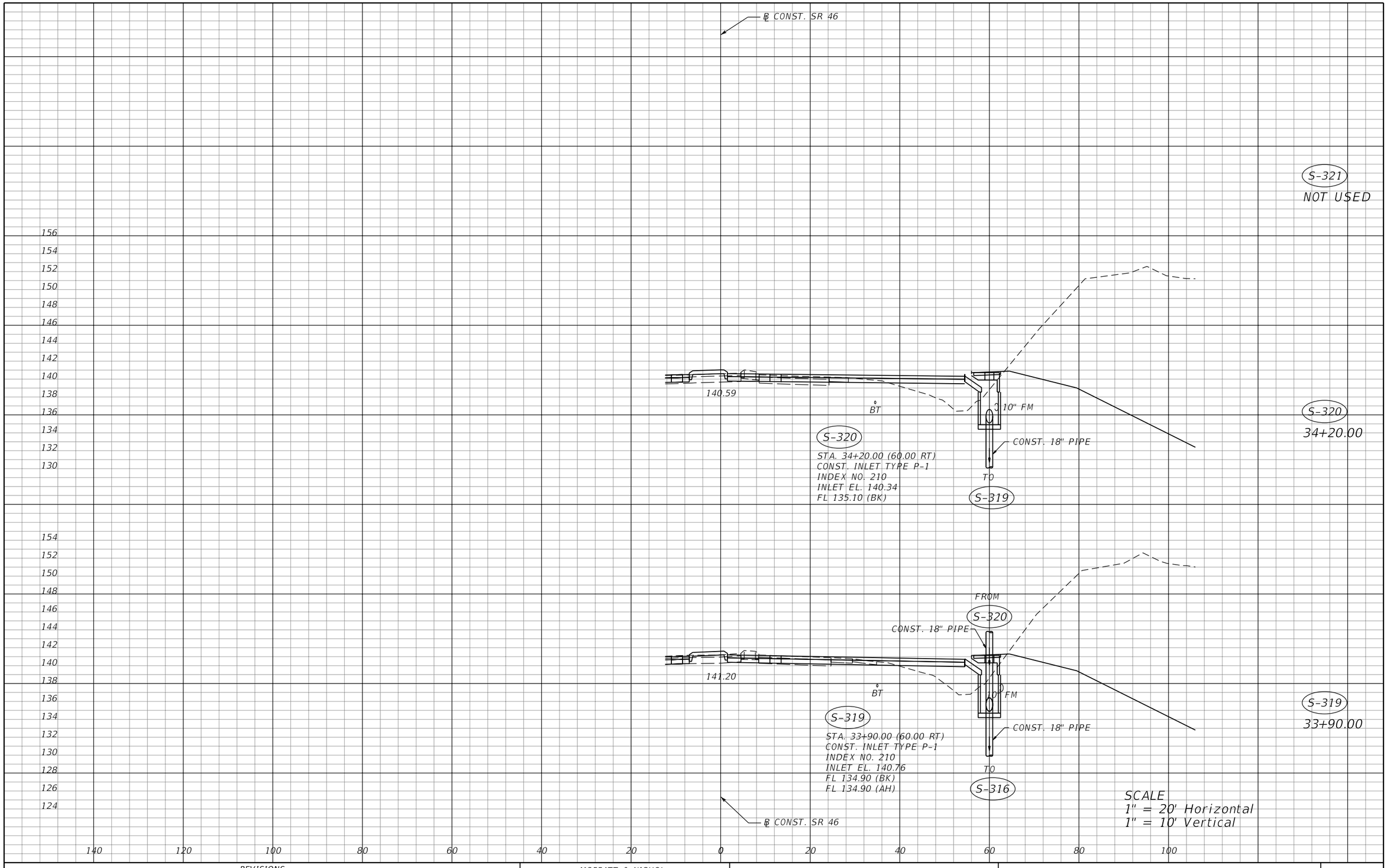
ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO. 123



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

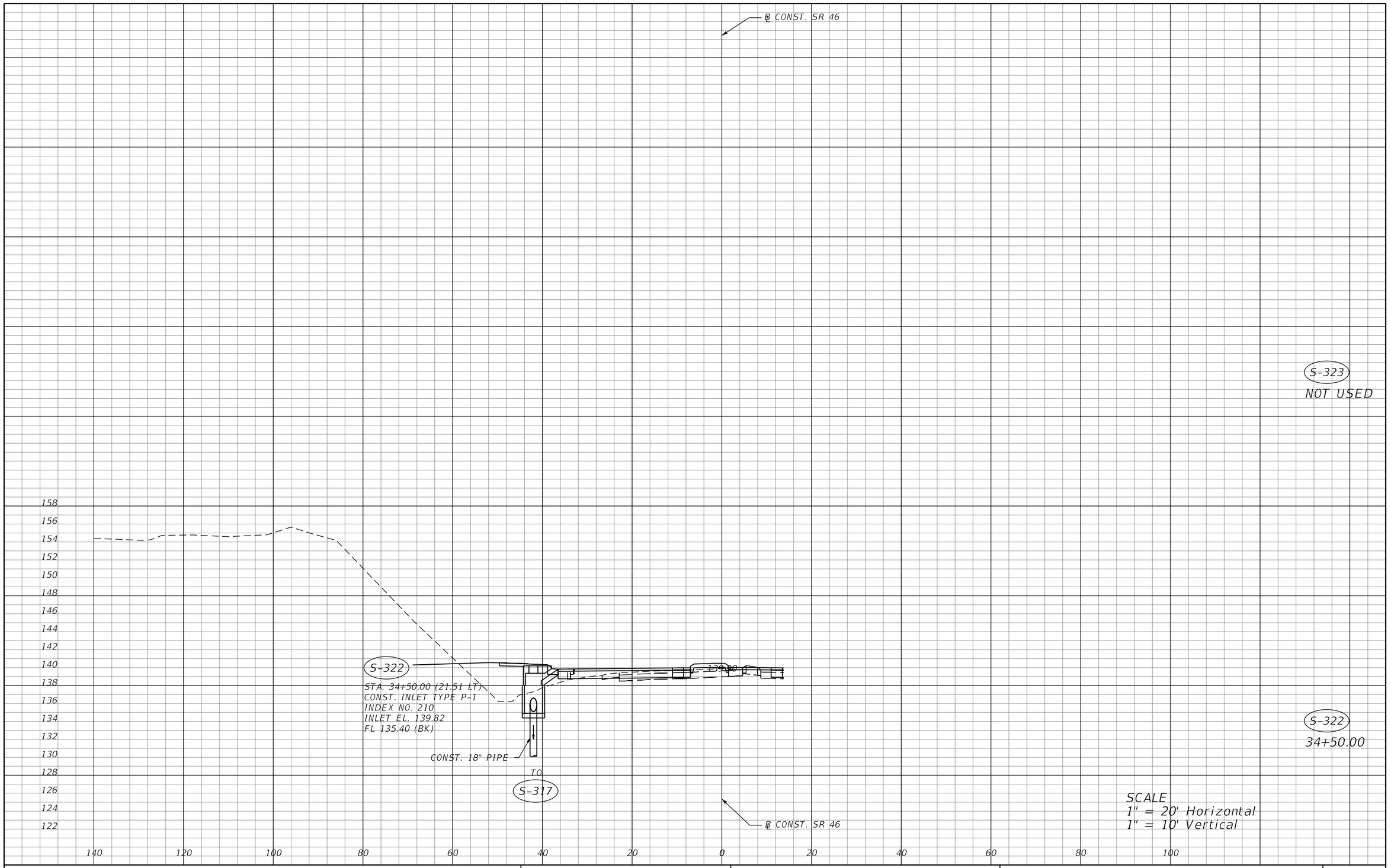
ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO. 124



S-323
NOT USED

S-322
34+50.00

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

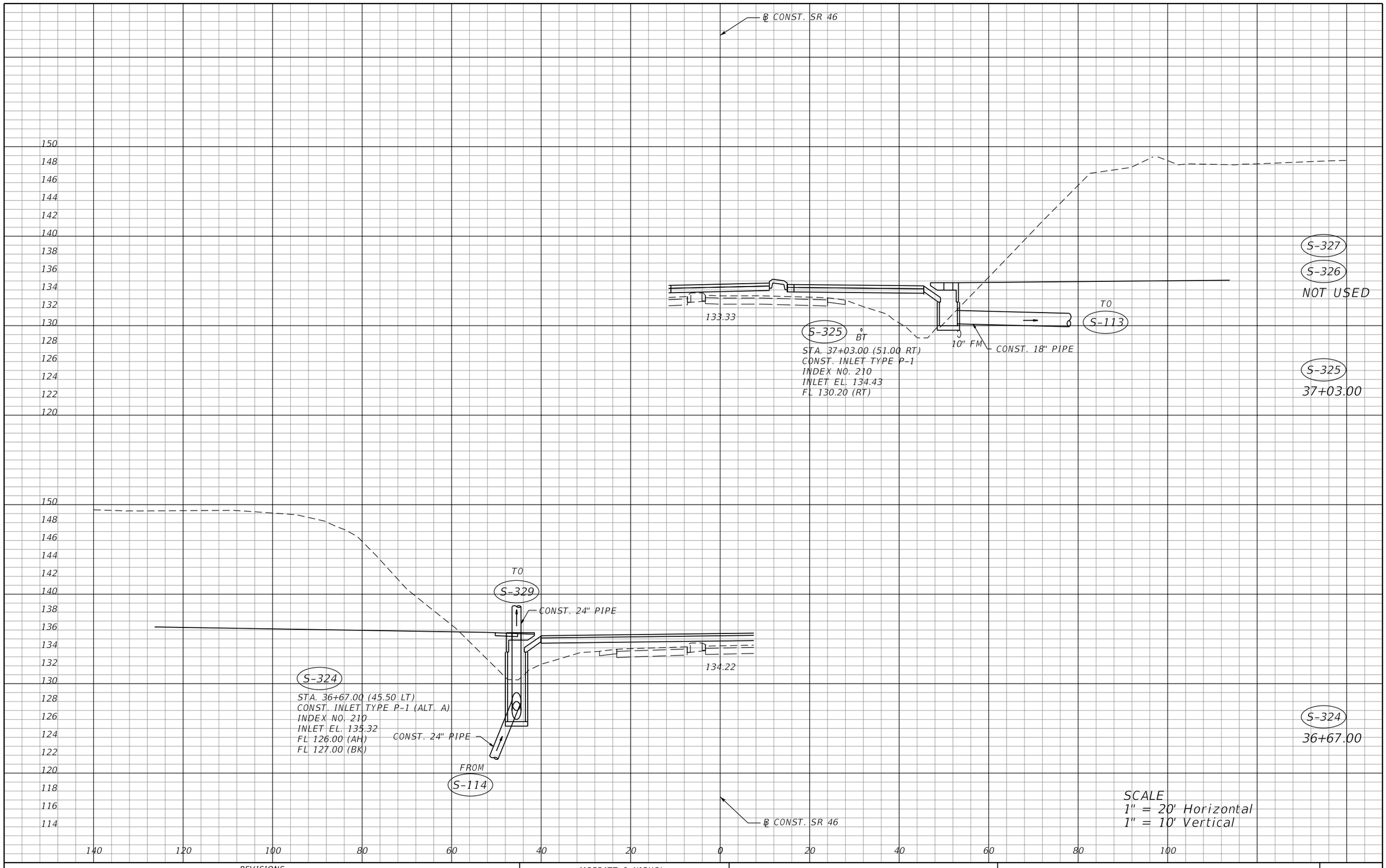
ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO.
125



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO. 126

jcapra 3/28/2016 10:16:55 AM P:\7844-Wekiva3B\23827525201\drainage\drxsrd01.dgn

℄ CONST. SR 46

140
138
136
134
132
130
128
126
124
122
120
118
116
114

℄ CONST. RAMP YY TO

S-332

CONST. 24" PIPE

130.76

BT

S-329

STA. 38+20.00 (44.25 LT)
CONST. INLET TYPE 7
INDEX NO. 212
INLET EL. 129.59
FL 119.80 (AH)
FL 124.90 (BK)
FL 124.90 (RT)

16" WM

CONST. 18" PIPE

S-328

STA. 38+20.00 (51.00 RT)
CONST. INLET TYPE P-1
INDEX NO. 210
INLET EL. 130.46
FL 125.80 (LT)

10" FM

CONST. 24" PIPE

FROM
S-324

S-329
S-328
38+20.00

℄ CONST. SR 46

SCALE
1" = 20' Horizontal
1" = 10' Vertical

140 120 100 80 60 40 20 0 20 40 60 80 100

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

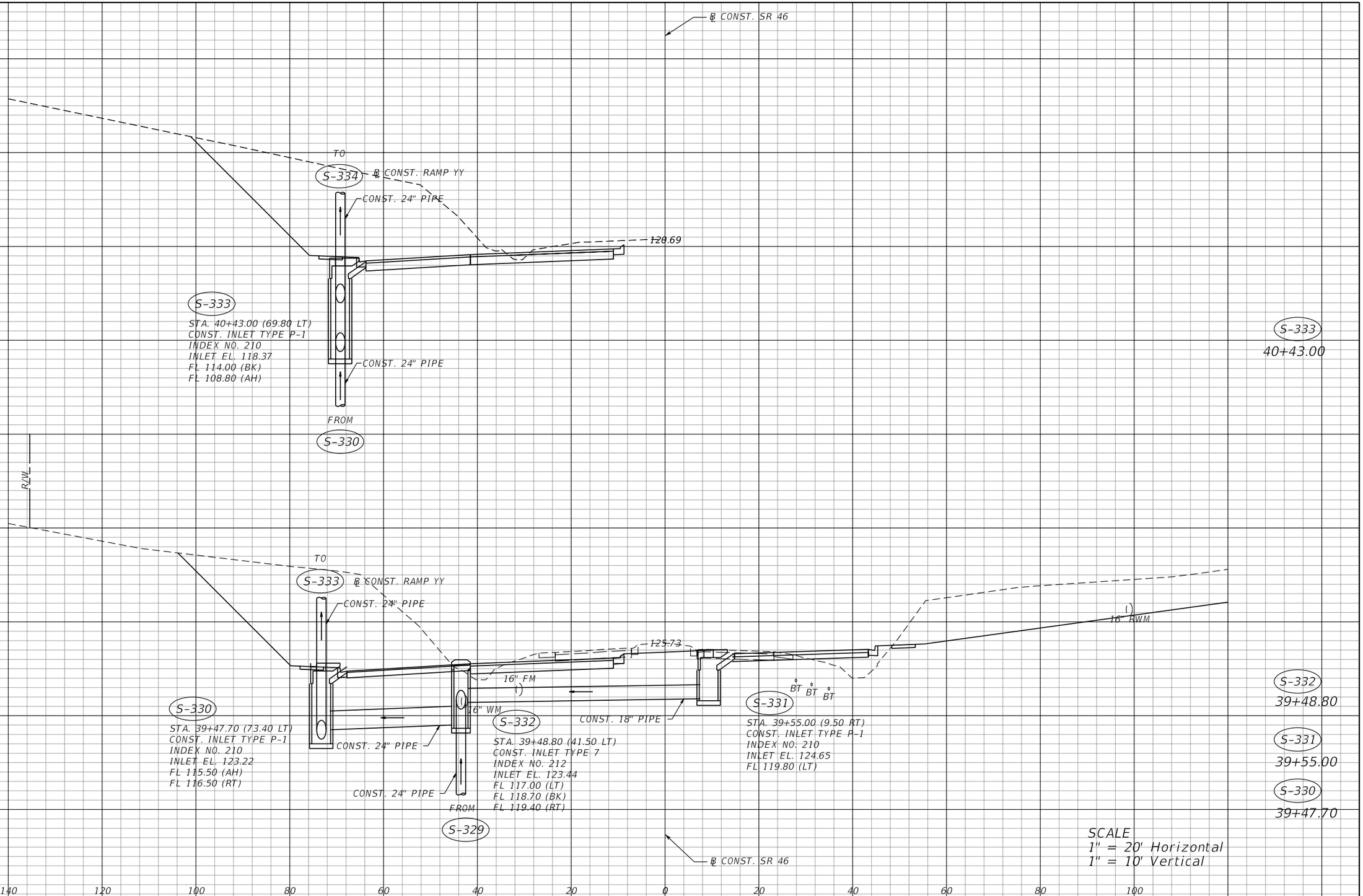
ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO. 127



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

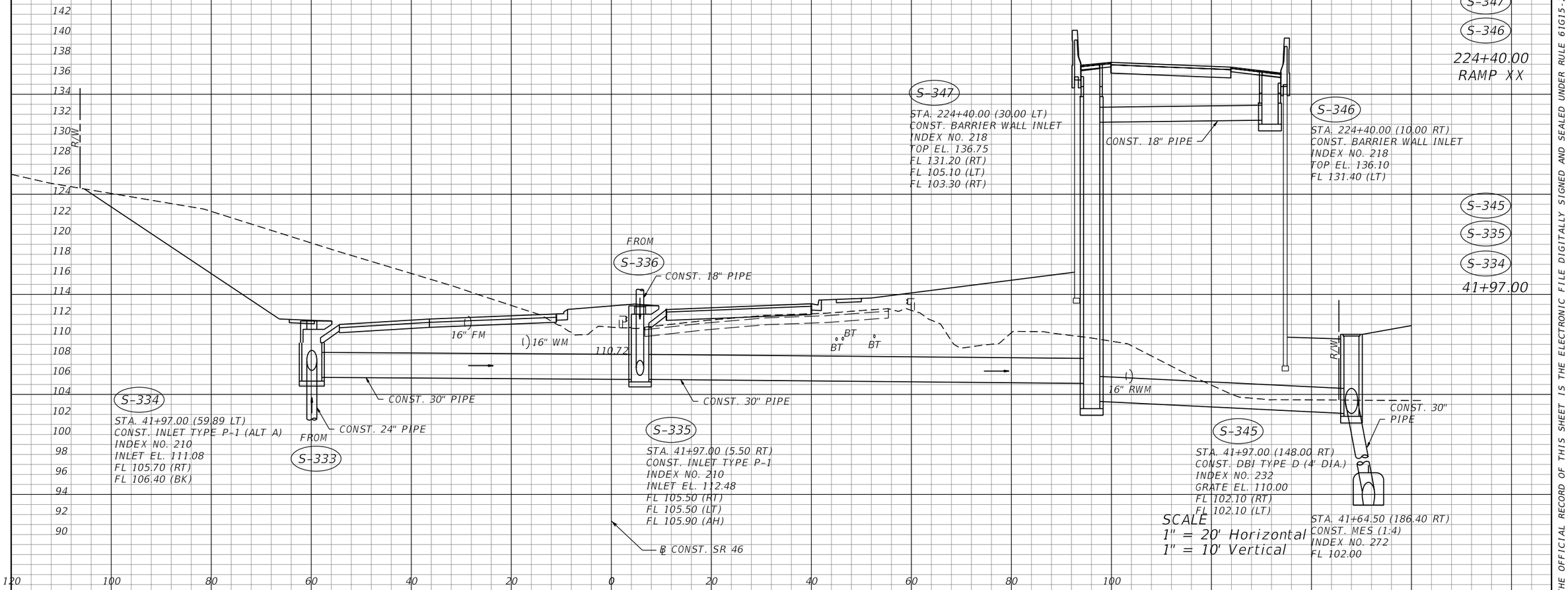
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO. 128

jcapra 3/28/2016 10:16:57 AM P:\7844-Wekiva3B\23827525201\drainage\drxsrd01.dgn



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO. 129

℄ CONST. SR 46

S-352
SEE SHEET 170

S-351
44+01.00

S-342
SEE SHEET 164

S-341
SEE DRAINAGE DETAIL SHEET

S-337 TO S-340
NOT USED

S-351

TO S-354

STA. 44+01.00 (64.00 LT)
CONST. MANHOLE TYPE P-8
INDEX NO. 200, 201
TOP EL. 101.50
FL 86.60 (AH)
FL 86.60 (LT)

CONST. 24" PIPE

R/W

101.89

102.33

SEE RAMP XX CROSS SECTIONS

98.26 3" WM

SAN

EXIST. STR.
(TO BE REMOVED)

EXIST. 24" PIPE
(TO REMAIN)

1
AB-30
44+00.00 R 1
GNE

EXIST. 24" PIPE
(TO BE REMOVED)

2
AB-31
44+00.00 R 1
GNE

108 106 104 102 100 98 96 94 92 90 88 86 84 82 80 78

R/W

S-336

STA. 42+42.00 (5.50 RT)
CONST. INLET TYPE P-1
INDEX NO. 210
INLET EL. 110.23
FL 106.00 (BK)

109.56

16" FM

16" WM

BT BT BT

BFO
16" RWM

CONST. 18" PIPE

TO S-335

℄ CONST. SR 46

S-336
42+42.00

130 128 126 124 122 120 118 116 114 112 110 108 106 104 102 100 98 96

140 120 100 80 60 40 20 0 20 40 60 80 100

SCALE
1" = 20' Horizontal
1" = 10' Vertical

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

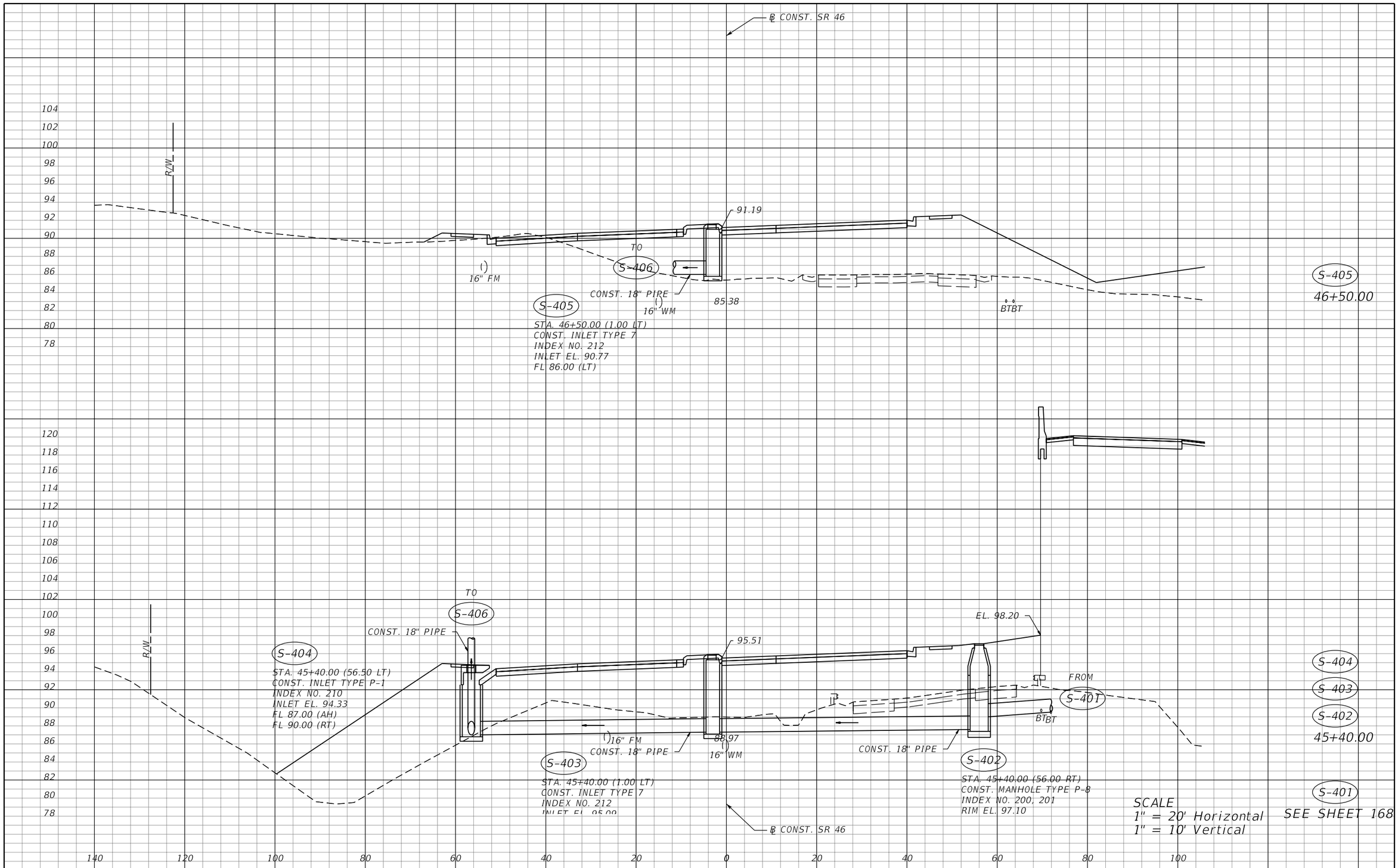
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO. 130

jcapra 3/28/2016 10:16:58 AM P:\7844-Wekiva3B\23827525201\drainage\drxsrd01.dgn



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

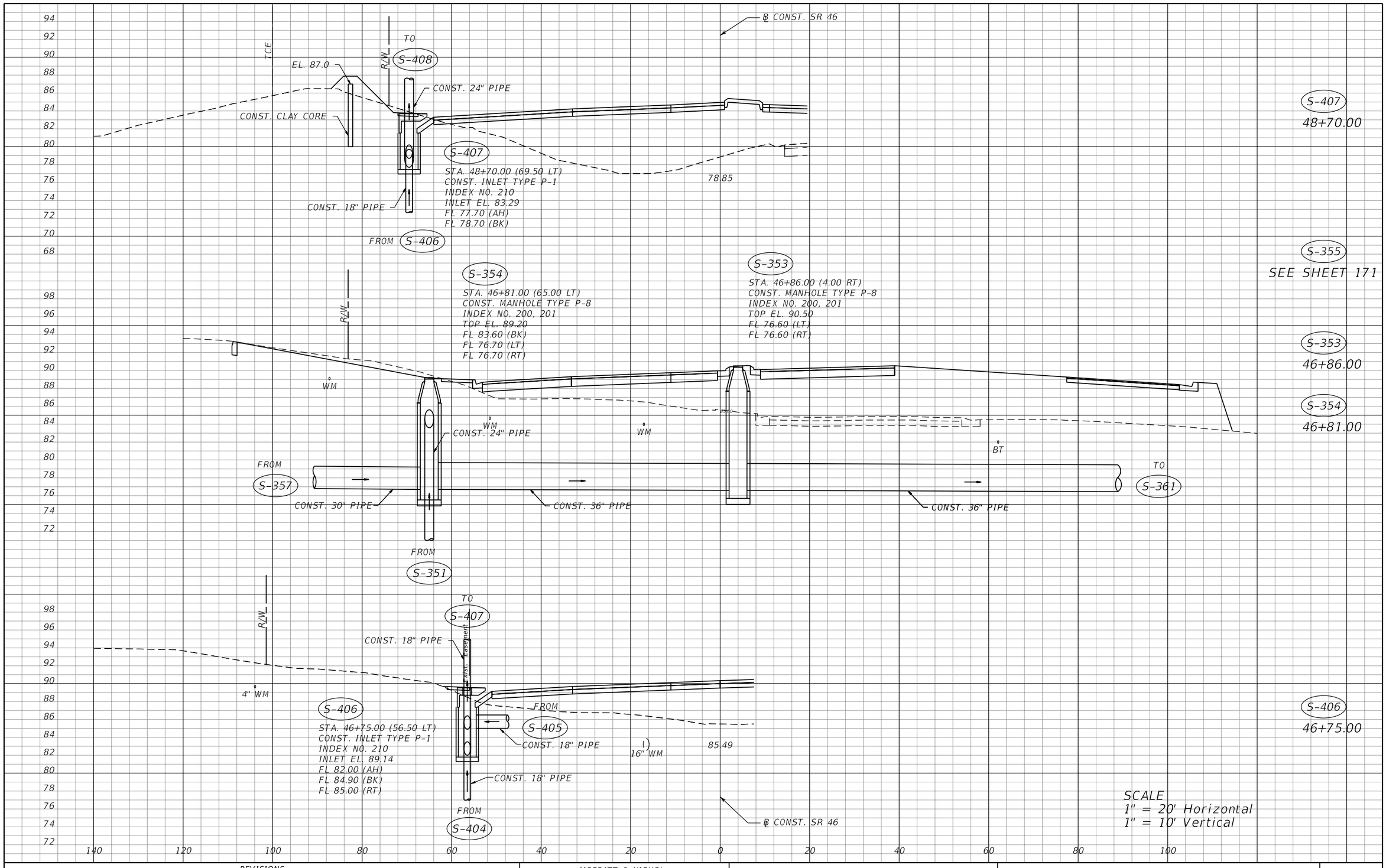
ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO. 131



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

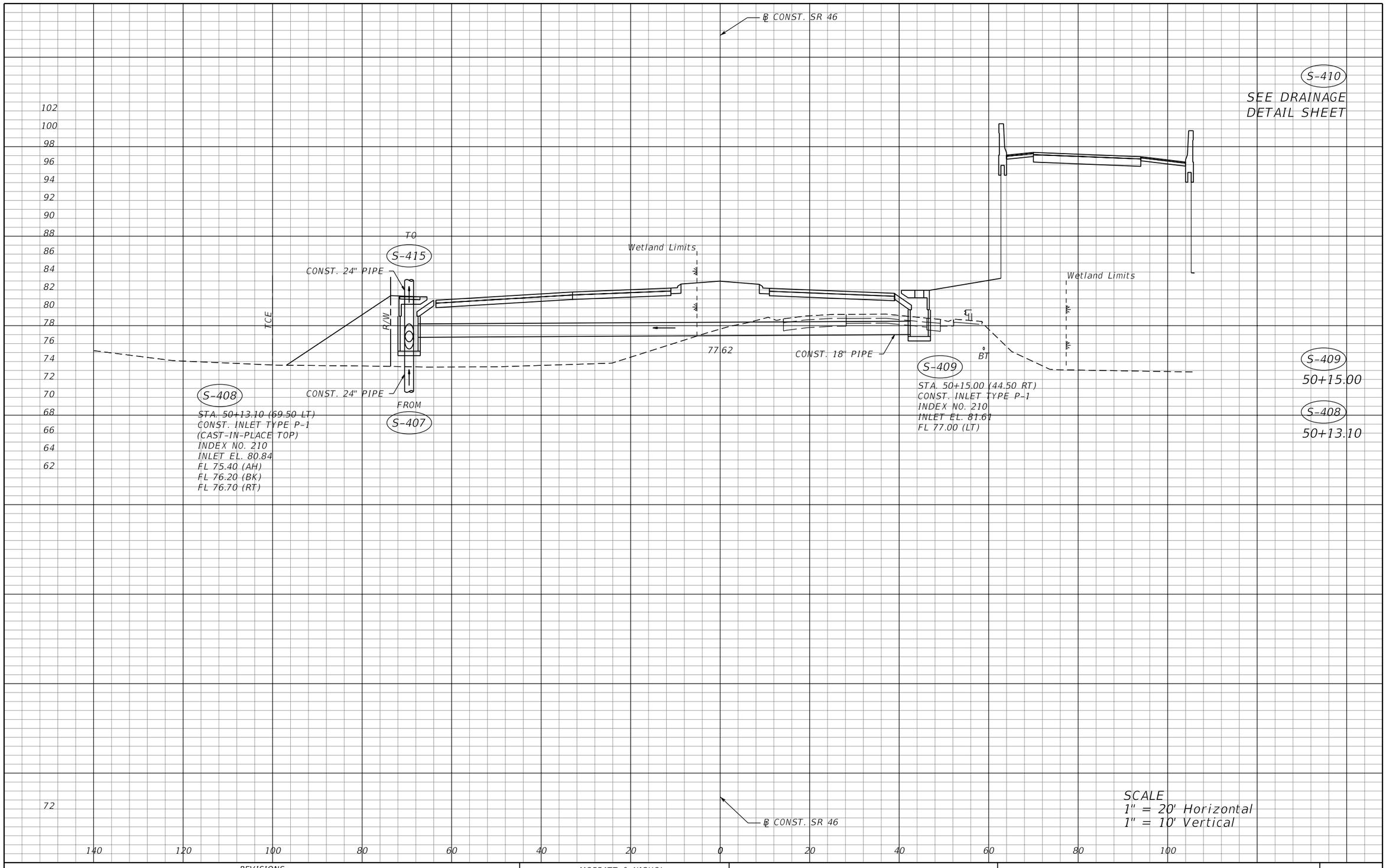
ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO. 132



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO. 133

jcapra 3/28/2016 10:17:01 AM P:\7844-Wekiva3B\23827525201\drainage\drxsrd01.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

℄ CONST. SR 46

STA. 53+39.30 (84.00 LT)
CONST. MES (1:4)
INDEX NO. 272
FL 72.10

Wetland Limits

Wetland Limits

STA. 53+39.30 (126.00 RT)
CONST. MES (1:4)
INDEX NO. 272
FL 71.00

S-416
53+39.30

TCE

R/W

S-416

℄ BT

POND WB1-1

74.28

CONST. 2-30" PIPE

S-411

STA. 53+15.00 (125.00 RT)
CONST. MANHOLE TYPE 7
INDEX NO. 200, 201
TOP EL. 78.70
FL 70.00 (BK)
FL 73.90 (LT)

Wetland Limits

0.06

0.05

Wetland Limits

CONST. 24" PIPE

℄ BT

R/W

CONST. 24" PIPE

CONST. 24" PIPE

CONST. 24" PIPE

73.81

S-415

STA. 53+15.00 (56.50 LT)
CONST. INLET TYPE P-1
INDEX NO. 210
INLET EL. 79.58
FL 75.00 (RT)
FL 75.00 (BK)

FROM S-408

S-414

STA. 53+15.00 (44.50 RT)
CONST. INLET TYPE P-1
INDEX NO. 210
INLET EL. 79.96
FL 74.80 (RT)
FL 74.80 (LT)

S-413

STA. 53+15.00 (60.60 RT)
CONST. BARRIER WALL INLET
INDEX NO. 218
INLET EL. 83.48
FL 74.70 (RT)
FL 74.70 (LT)

S-412

STA. 53+15.00 (100.60 RT)
CONST. BARRIER WALL INLET
INDEX NO. 218
INLET EL. 82.79
FL 74.00 (RT)
FL 74.50 (LT)

CONST. 24" PIPE

STA. 52+69.40 (178.00 RT)
CONST. MES (1:4)
INDEX NO. 272
FL 69.60

S-415
S-414
S-413
S-412
S-411

℄ CONST. SR 46

SCALE
1" = 20' Horizontal
1" = 10' Vertical

53+15.00

90 88 86 84 82 80 78 76 74 72 70

88 86 84 82 80 78 76 74 72 70 68 66 64 62

140 120 100 80 60 40 20 0 20 40 60 80 100

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

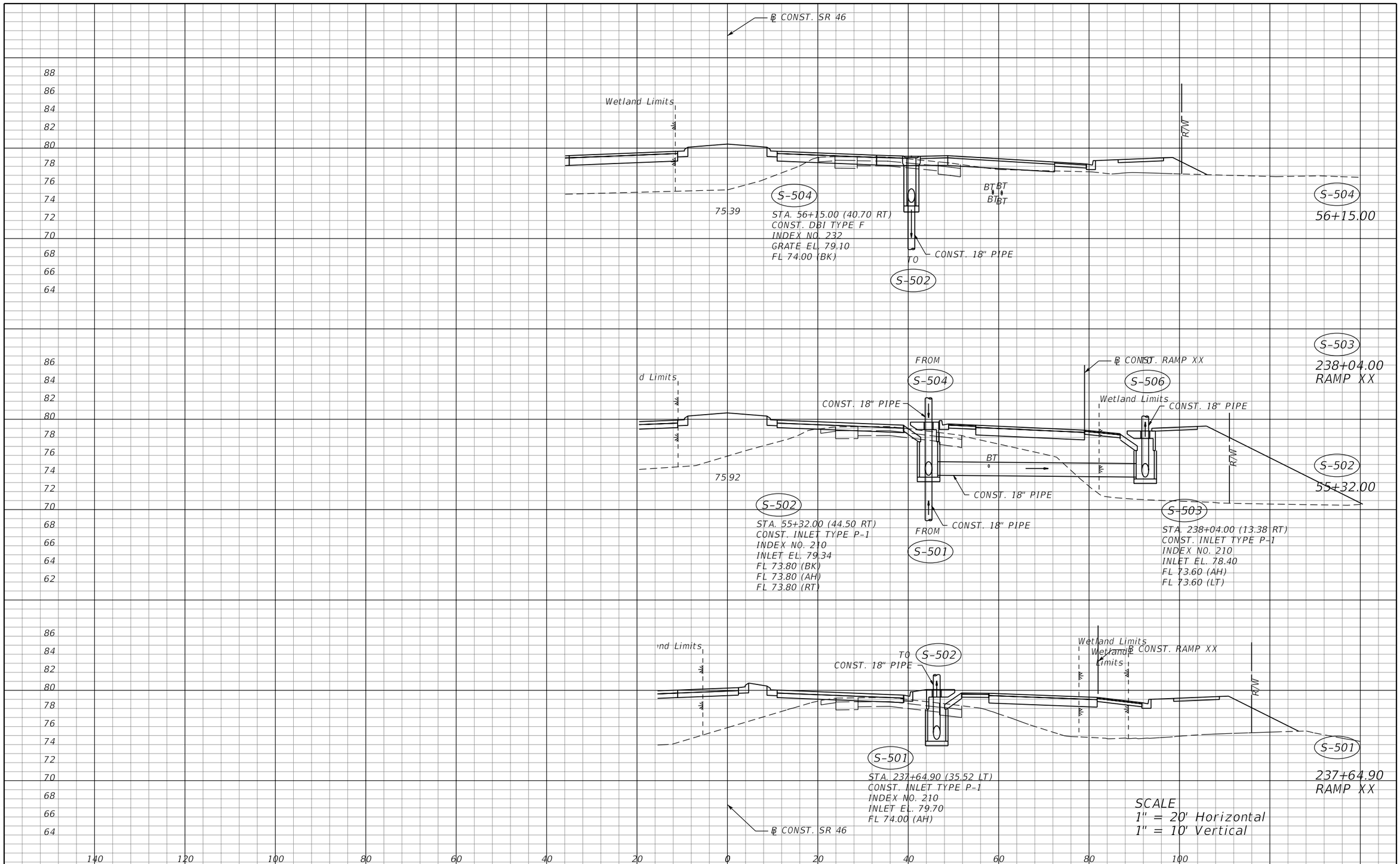
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO. 134

jcapra 3/28/2016 10:17:02 AM P:\7844-Wekiva3B\23827525201\drainage\drxsrd01.dgn



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

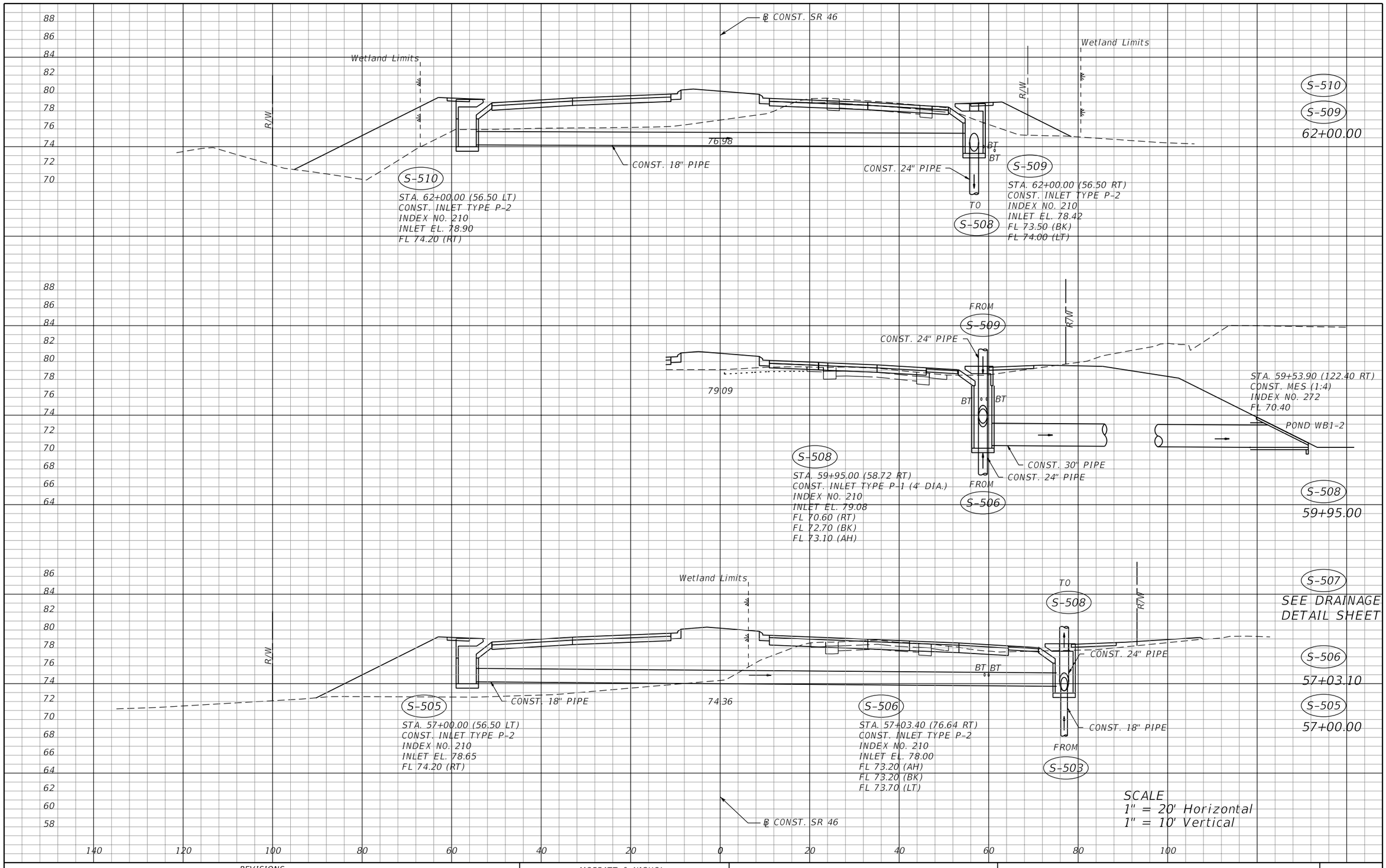
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO. 135

jcapra 3/28/2016 10:17:03 AM P:\7844-Wekiva3B\23827525201\drainage\drxsrd01.dgn



SCALE
1" = 20' Horizontal
1" = 10' Vertical

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

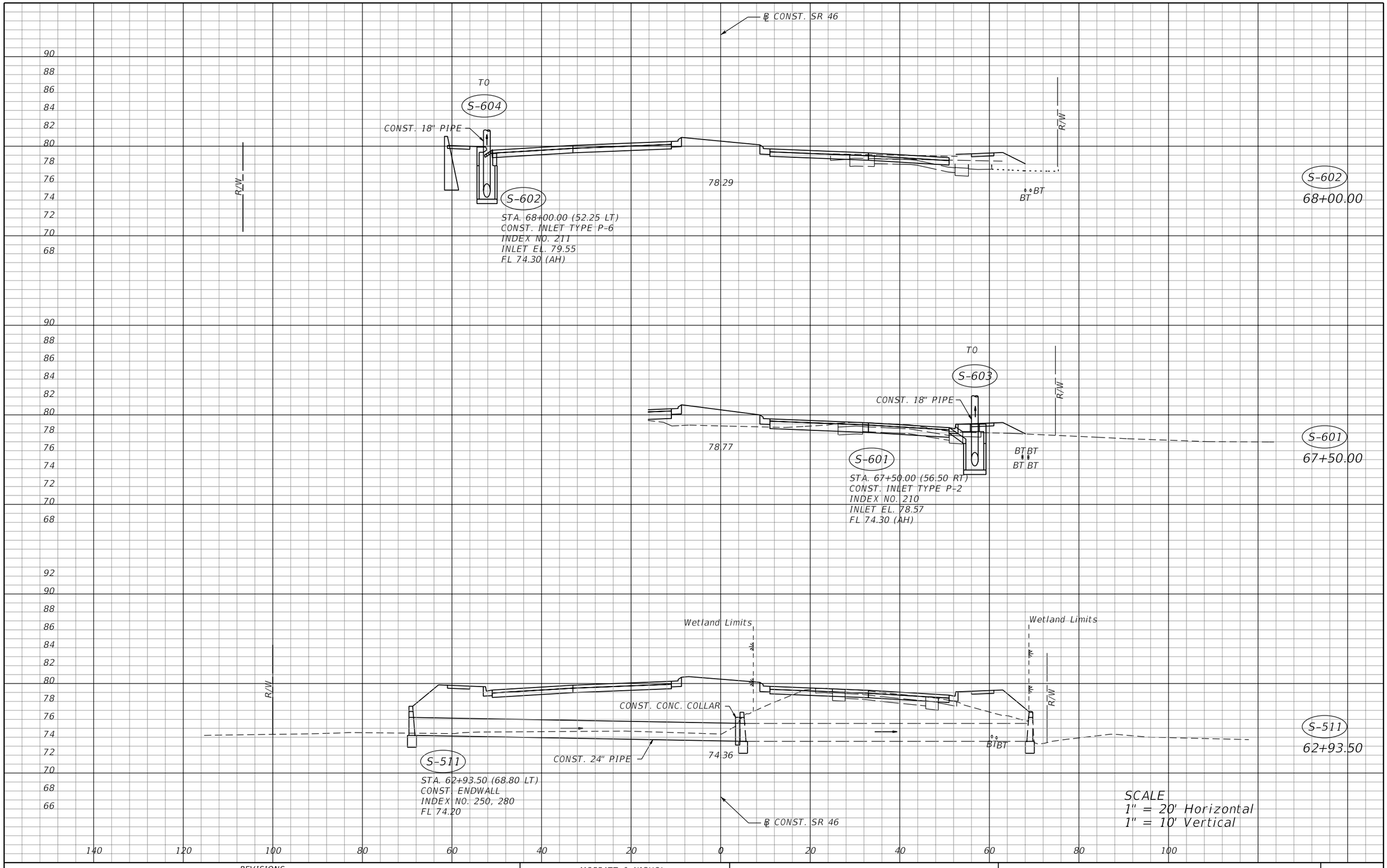
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO. 136

jcapra 3/28/2016 10:17:04 AM P:\7844-Wekiva3B\23827525201\drainage\drxsrd01.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

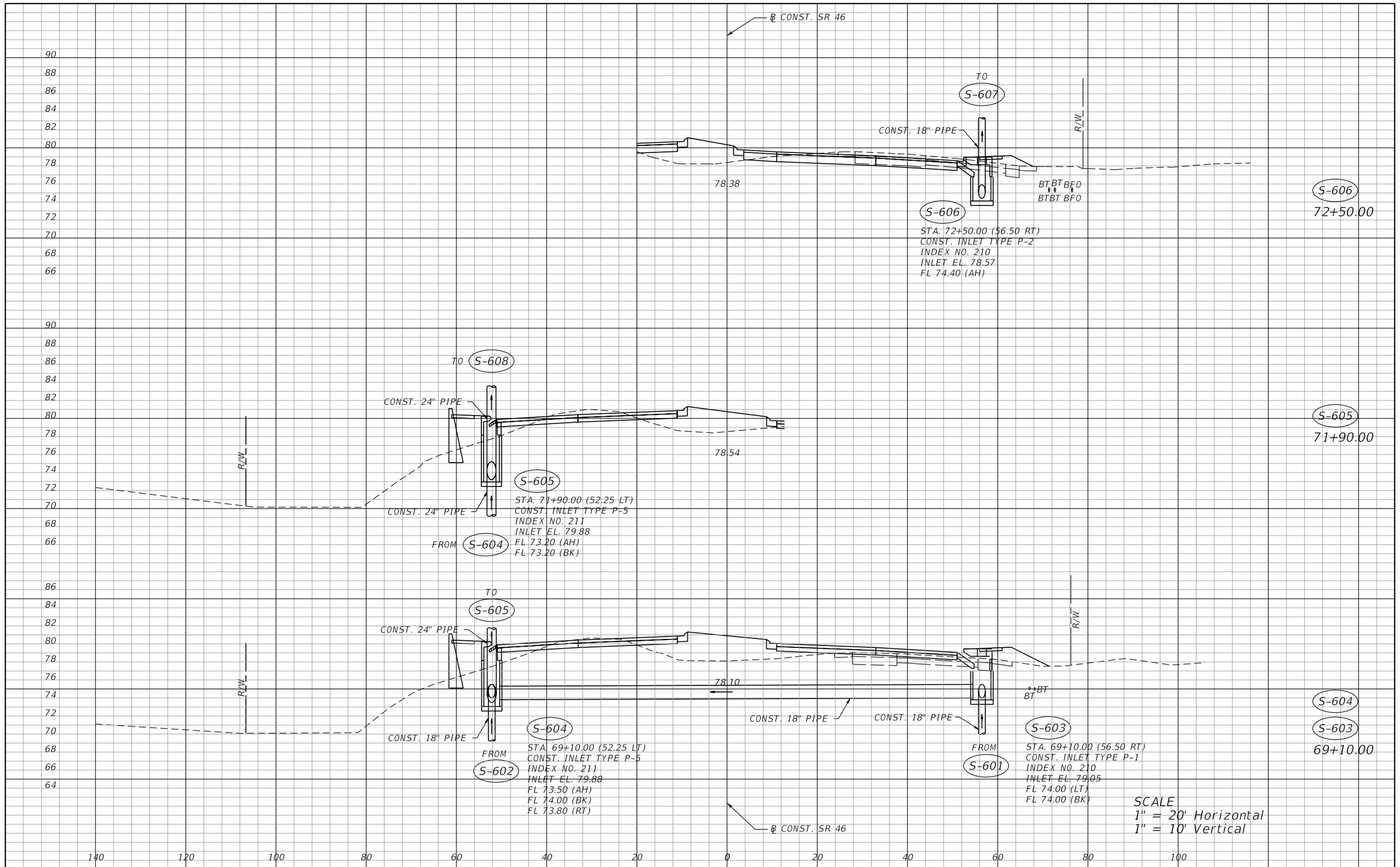
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO. 137

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

jcapra 3/28/2016 10:17:05 AM P:\7844-Wekiva3B\23827525201\drainage\drxsrd01.dgn



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

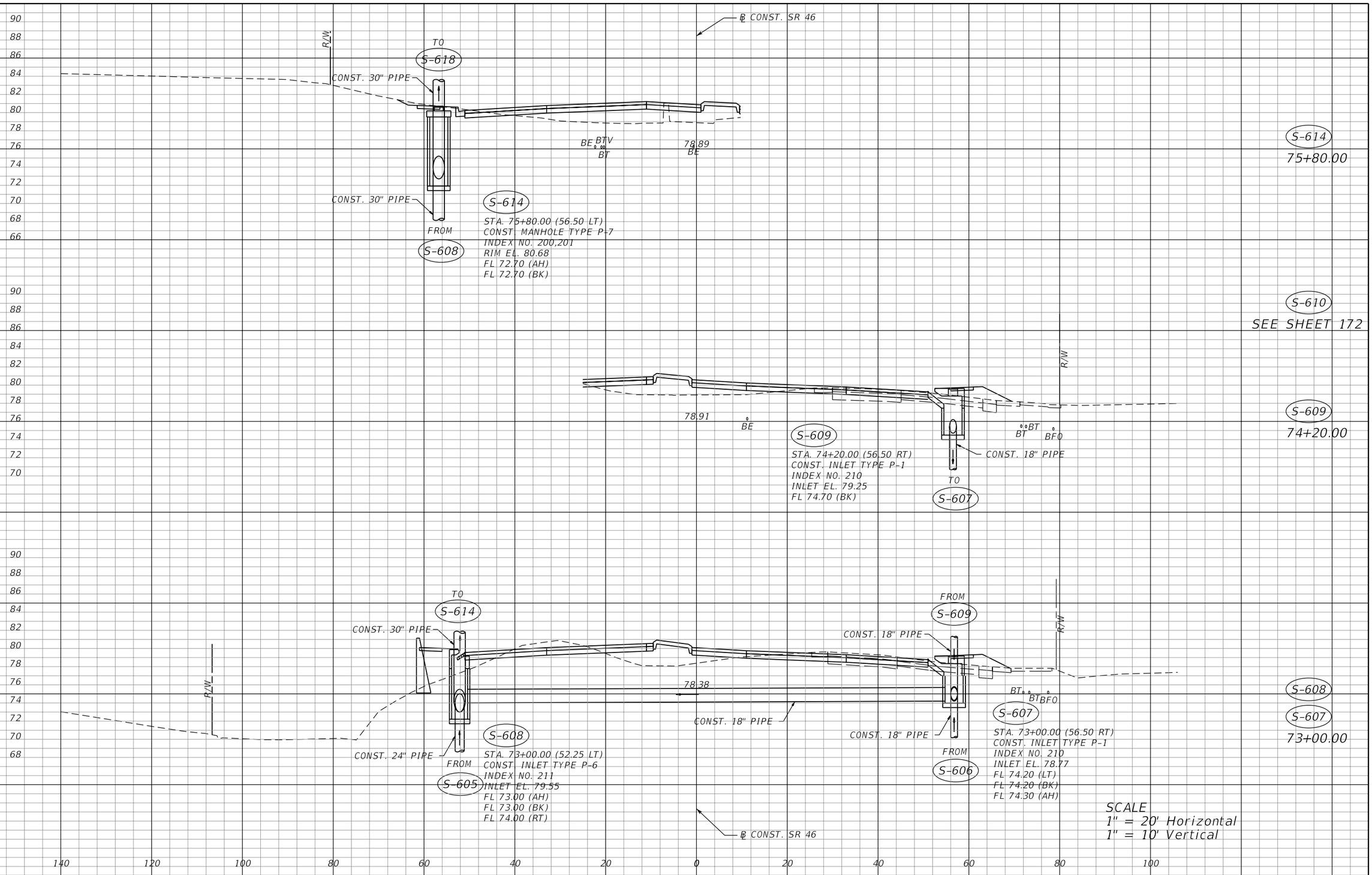
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO. 138

jcapra 3/28/2016 10:17:06 AM P:\7844-Wekiva3B\23827525201\drainage\drxsrd01.dgn



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

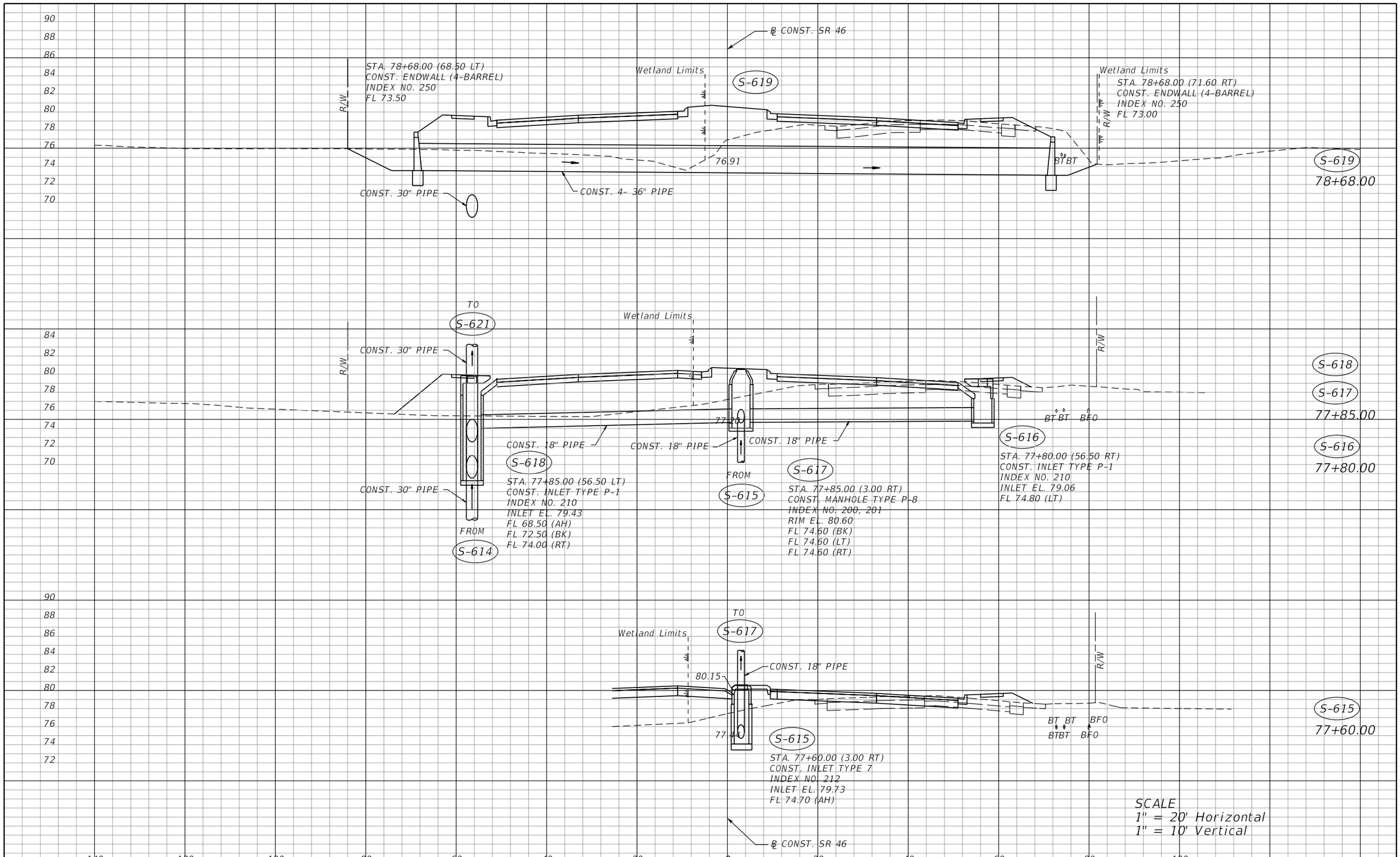
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO. 139

jcapra 3/28/2016 10:17:06 AM P:\7844-Wekiva3B\23827525201\drainage\drxsrd01.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

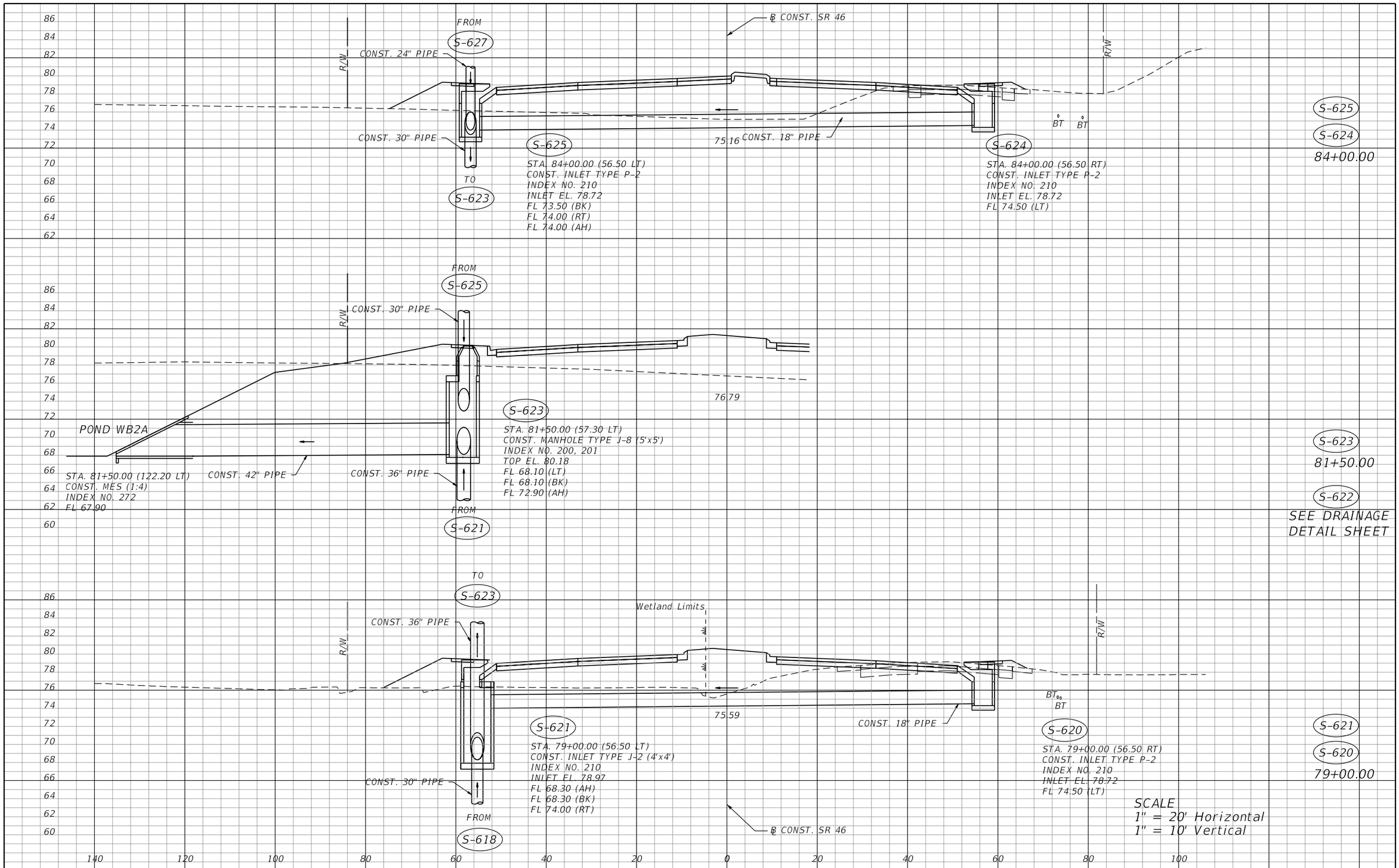
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO. 140

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

jcapra 3/28/2016 10:17:08 AM P:\7844-Wekiva3B\23827525201\drainage\drxsrd01.dgn



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

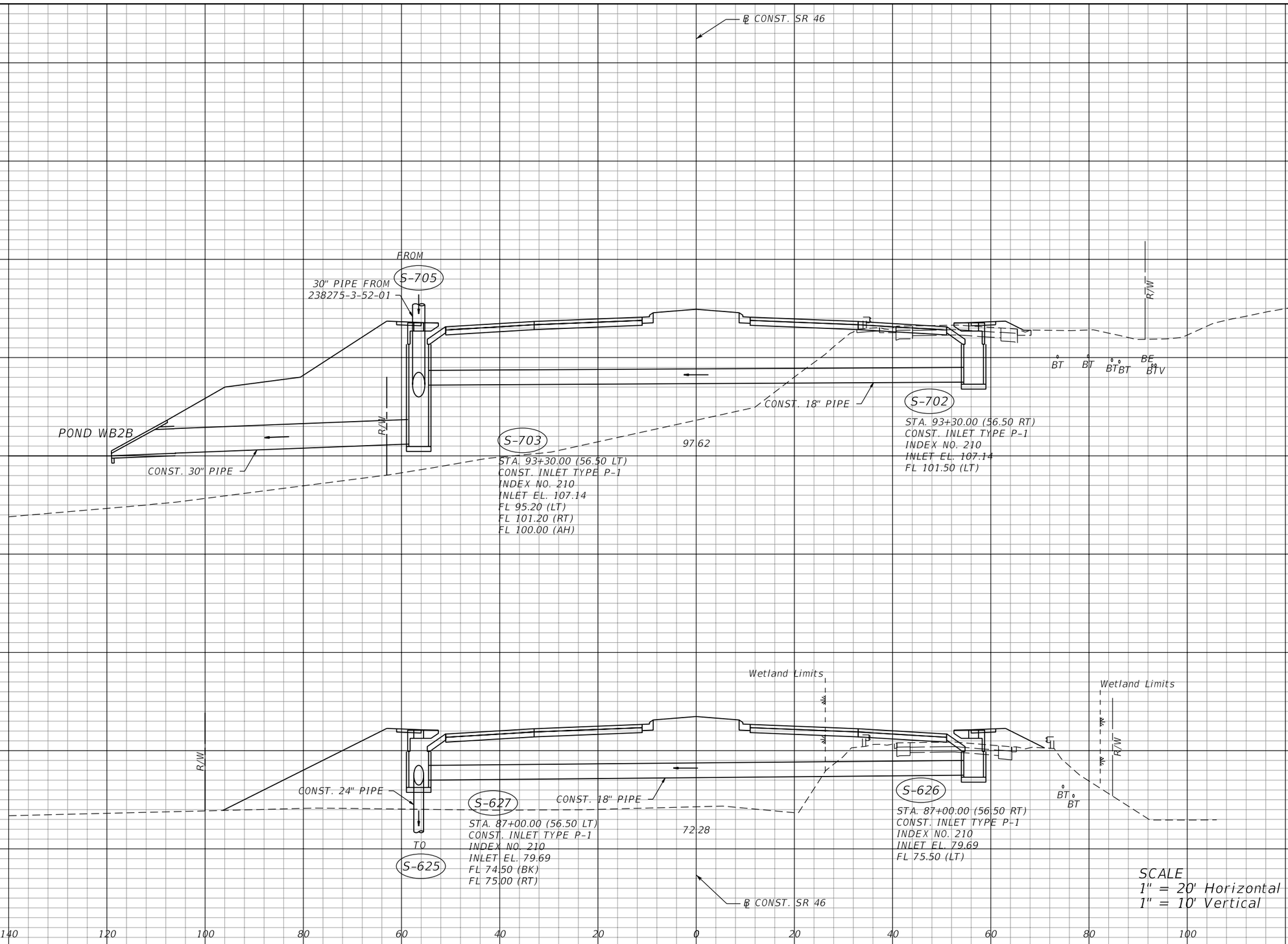
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO. 141

jcapra 3/28/2016 10:17:08 AM P:\7844-Wekiva3B\23827525201\drainage\drxsrd01.dgn



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

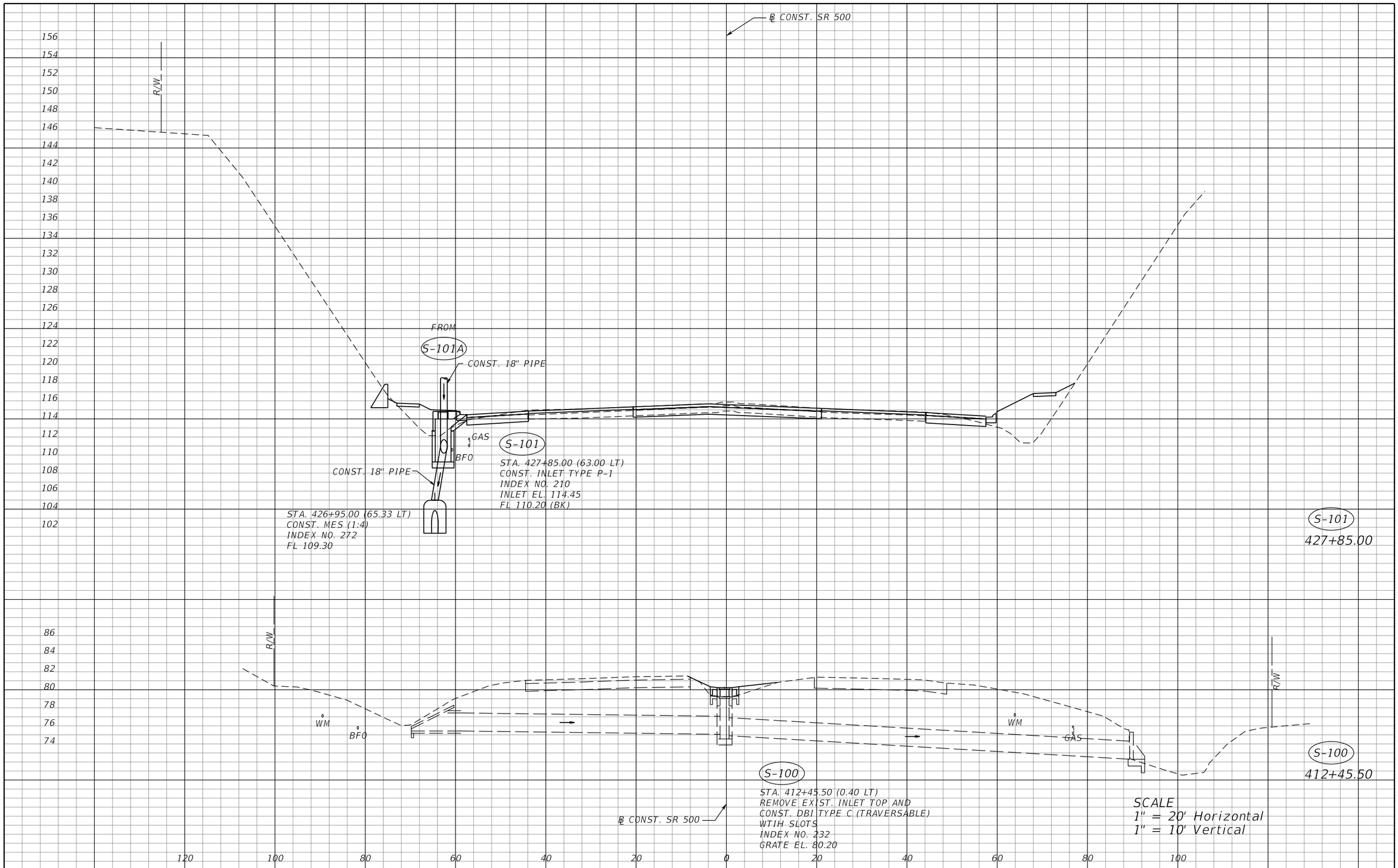
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO. 142

jcapra 3/28/2016 10:17:09 AM P:\7844-Wekiva3B\23827525201\drainage\drxsrd01.dgn



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

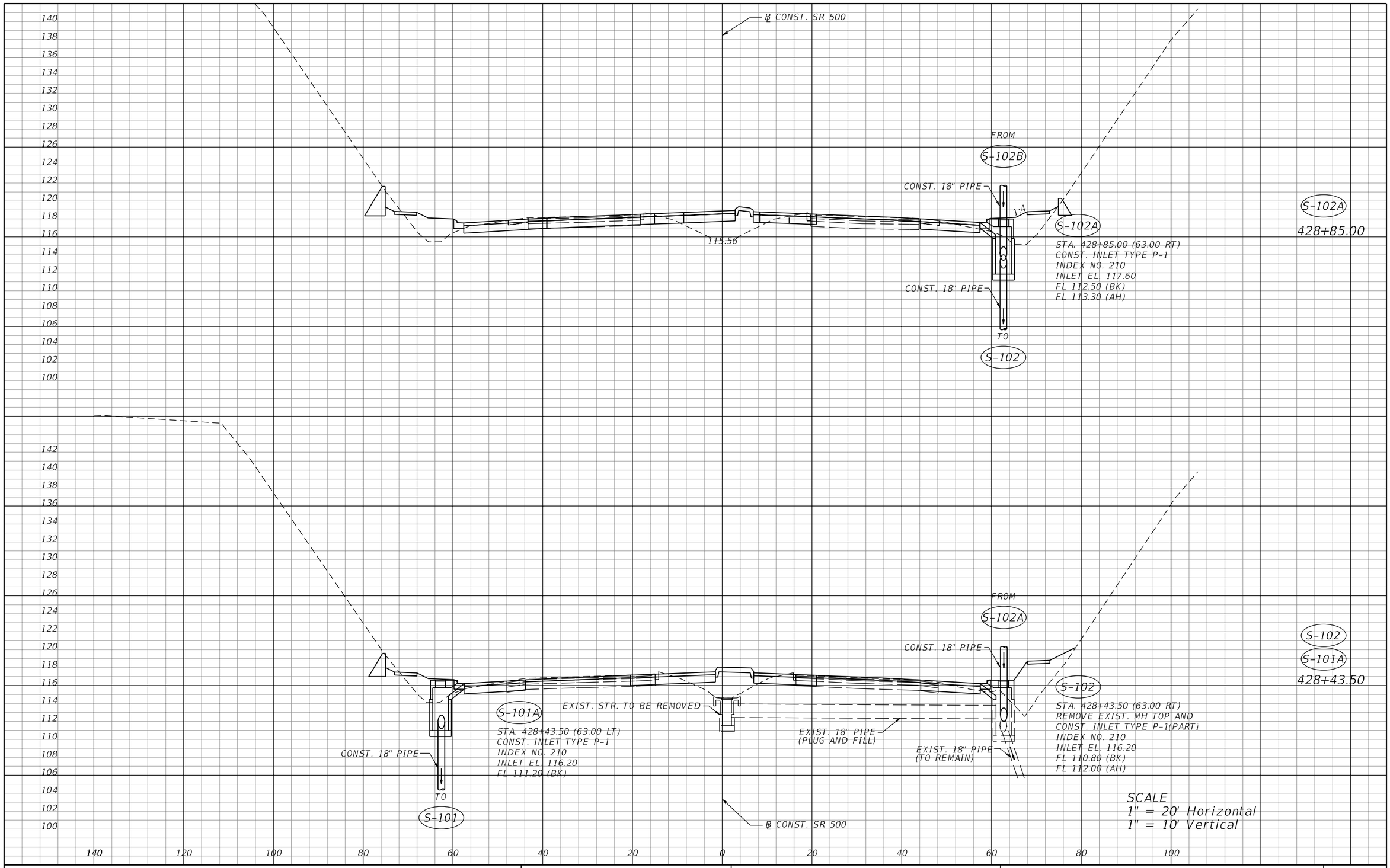
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO. 143

jcapra 3/28/2016 10:17:11 AM P:\7844-Wekiva3B\23827525201\drainage\drxsrd01.dgn



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

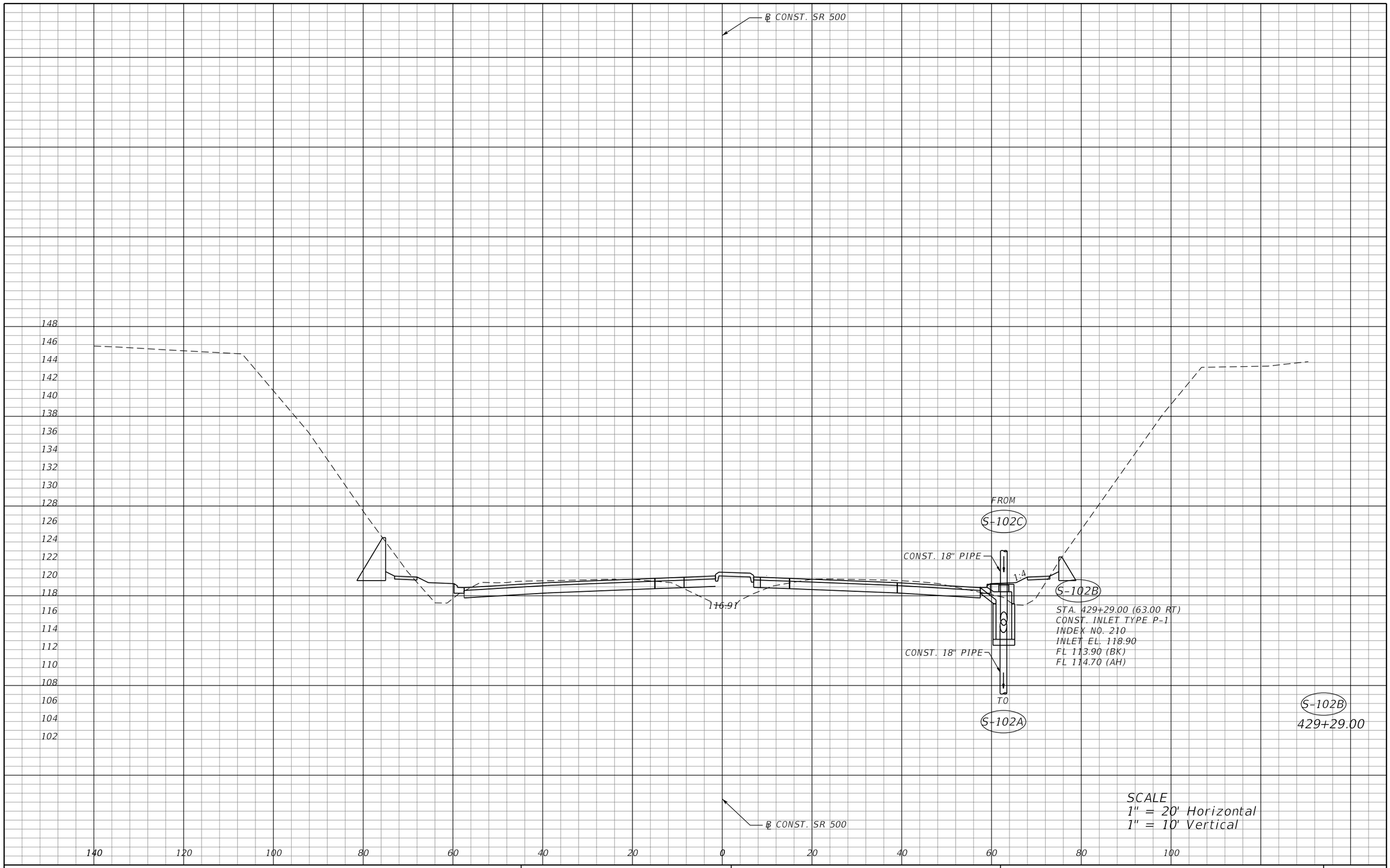
ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO. 144



SCALE
1" = 20' Horizontal
1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

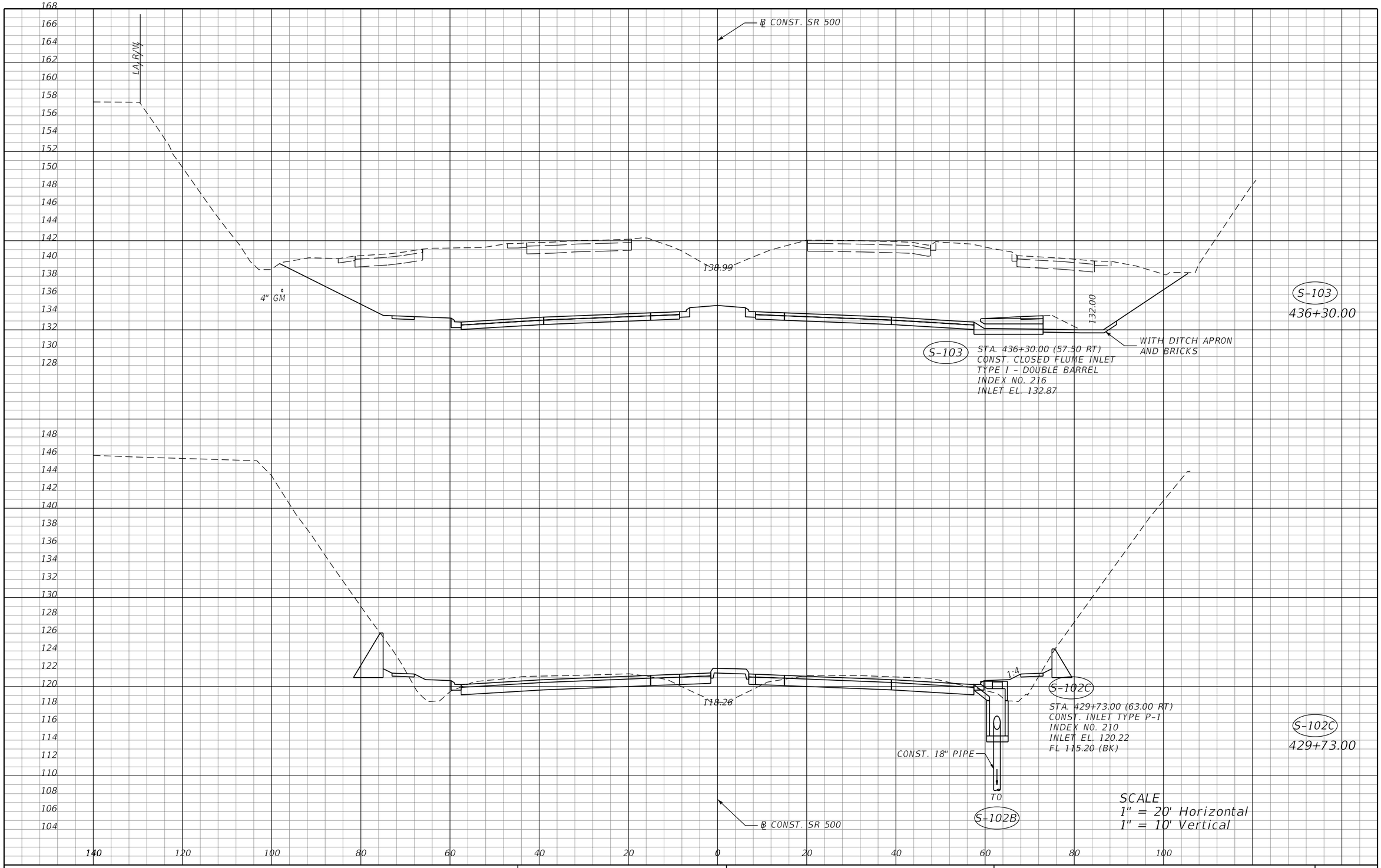
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO.
145

jcapra 3/28/2016 10:17:12 AM P:\7844-Wekiva3B\23827525201\drainage\drxsrd01.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

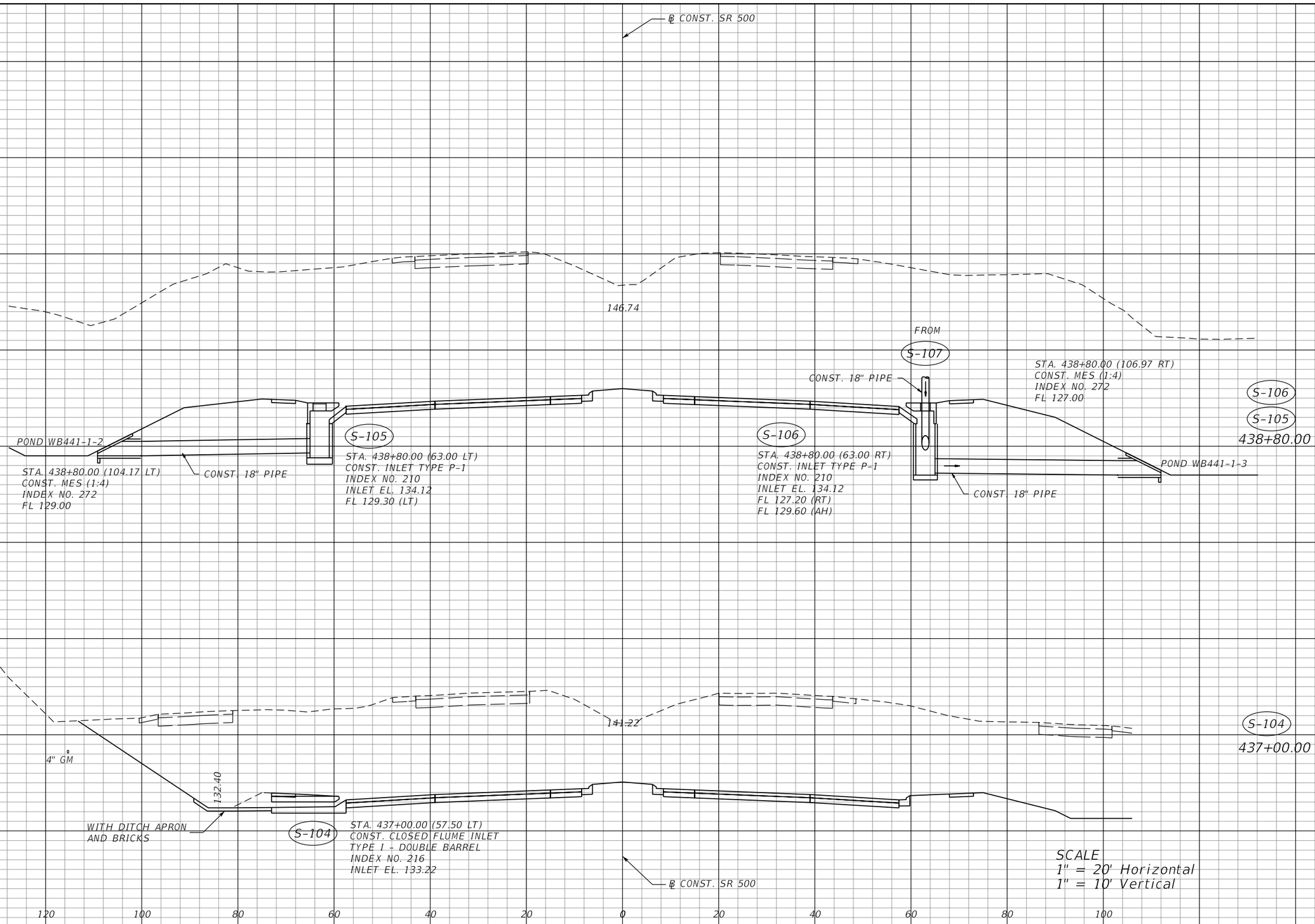
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO. 146

jcapra 3/28/2016 10:17:13 AM P:\7844-Wekiva3B\23827525201\drainage\drxsrd01.dgn



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

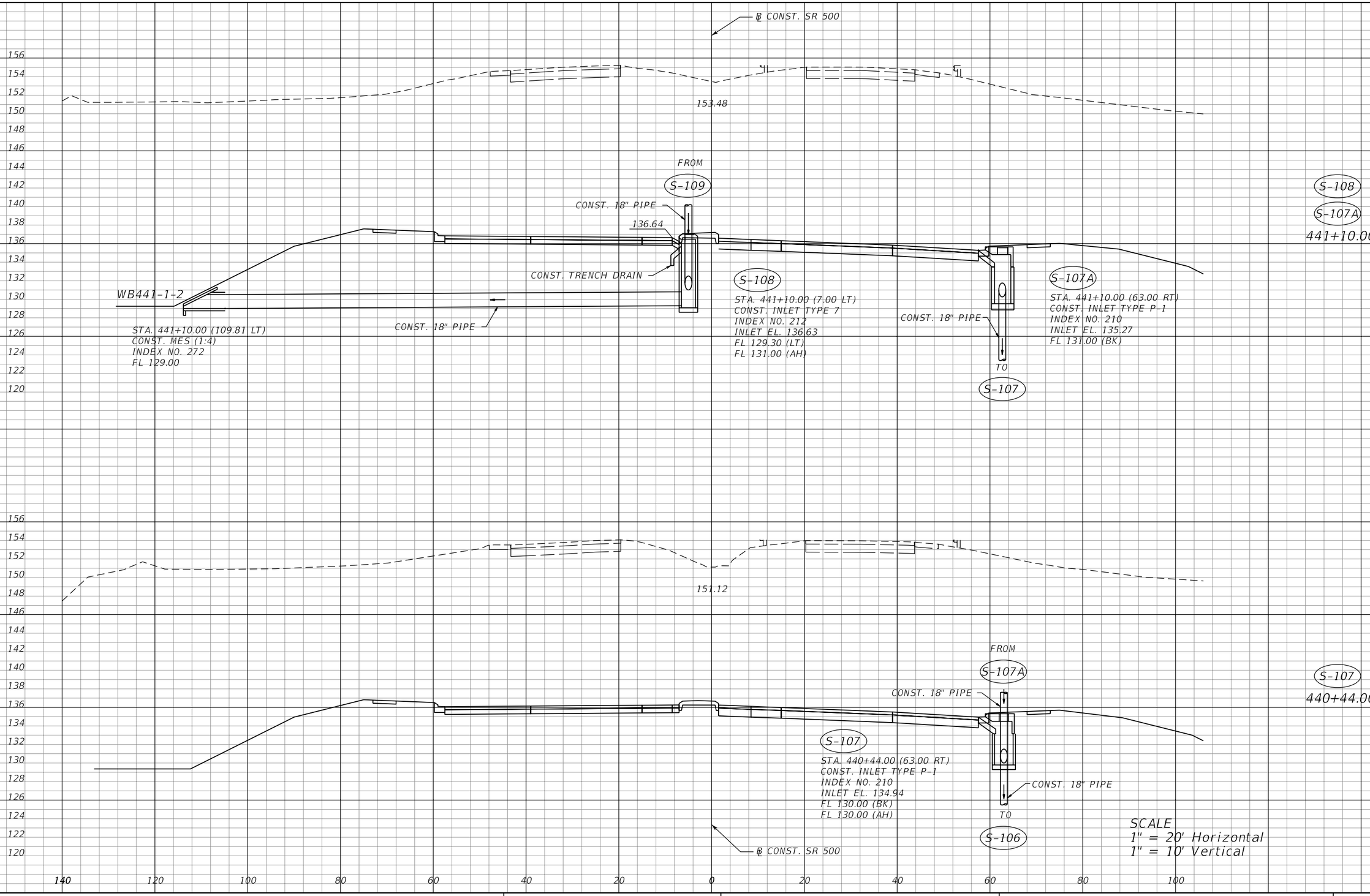
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO. 147

jcapra 3/28/2016 10:17:14 AM P:\7844-Wekiva3B\23827525201\drainage\drxsrd01.dgn



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO. 148

jcapra 3/28/2016 10:17:14 AM P:\7844-Wekiva3B\23827525201\drainage\drxsrd01.dgn

℄ CONST. SR 500

156
154
152
150
148
146
144
142
140
138
136
134
132
130
128
126

154.80

S-110
441+60.00

136.94

S-110

CONST. 18" PIPE

STA. 441+60.00 (7.00 LT)
CONST. INLET TYPE 7
INDEX NO. 212
INLET EL. 136.92
FL 132.00 (BK)

TO
S-109

156
154
152
150
148
146
144
142
140
138
136
134
132
130
128
126
124
122
120

154.02

FROM
S-110

S-109
441+30.00

CONST. 18" PIPE

136.76

S-109

CONST. 18" PIPE

STA. 441+30.00 (7.00 LT)
CONST. INLET TYPE 7
INDEX NO. 212
INLET EL. 136.75
FL 131.30 (BK)
FL 131.80 (AH)

TO
S-108

℄ CONST. SR 500

SCALE
1" = 20' Horizontal
1" = 10' Vertical

140 120 100 80 60 40 20 0 20 40 60 80 100

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO.
149

jcapra 3/28/2016 10:17:15 AM P:\7844-Wekiva3B\23827525201\drainage\drxsrd01.dgn

℄ CONST. SR 500

154 152 150 148 146 144 142 140 138 136 134 132 130 128 126 124

158 156 154 152 150 148 146 144 142 140 138 136 134 132 130 128 126 124 122 120 118 116

148.84

156.07

S-114

STA. 444+60.00 (77.00 RT)
CONST. MANHOLE TYPE P-8
INDEX NO. 200, 201
RIM EL. 136.50
FL 127.10 (RT)
FL 127.10 (AH)
FL 131.80 (LT)

FROM S-120A

CONST. 24" PIPE

S-115

444+65.30

S-114

444+60.00

S-115

STA. 444+65.30 (51.00 RT)
CONST. INLET TYPE P-1
INDEX NO. 210
INLET EL. 136.63
FL 132.00 (RT)

CONST. 18" PIPE

TO S-324

CONST. 24" PIPE

FROM S-325

CONST. 18" PIPE

S-112

S-111

442+25.00

S-113

442+21.40

S-113

STA. 442+21.40 (109.80 RT)
CONST. MANHOLE TYPE 7
INDEX NO. 200, 201
TOP EL. 135.20
FL 125.40 (BK)
FL 127.40 (LT)
FL 129.60 (AH)

CONST. 18" PIPE

CONST. 18" PIPE

STA. 441+79.70 (137.66 RT)
CONST. MES (1:4)
INDEX NO. 272
FL 125.30

WB441-1-2

S-111

STA. 442+25.00 (120.00 LT)
CONST. DBI TYPE D- SEE DETAIL SHEET
INDEX NO. 232
GRATE EL. 131.50
FL 128.00 (RT)

CONST. 18" PIPE

S-112

STA. 442+25.00 (63.00 RT)
CONST. INLET TYPE P-1
INDEX NO. 210
INLET EL. 135.90
FL 127.50 (RT)
FL 127.50 (LT)

℄ CONST. SR 500

SCALE
1" = 20' Horizontal
1" = 10' Vertical

120 100 80 60 40 20 0 20 40 60 80 100

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

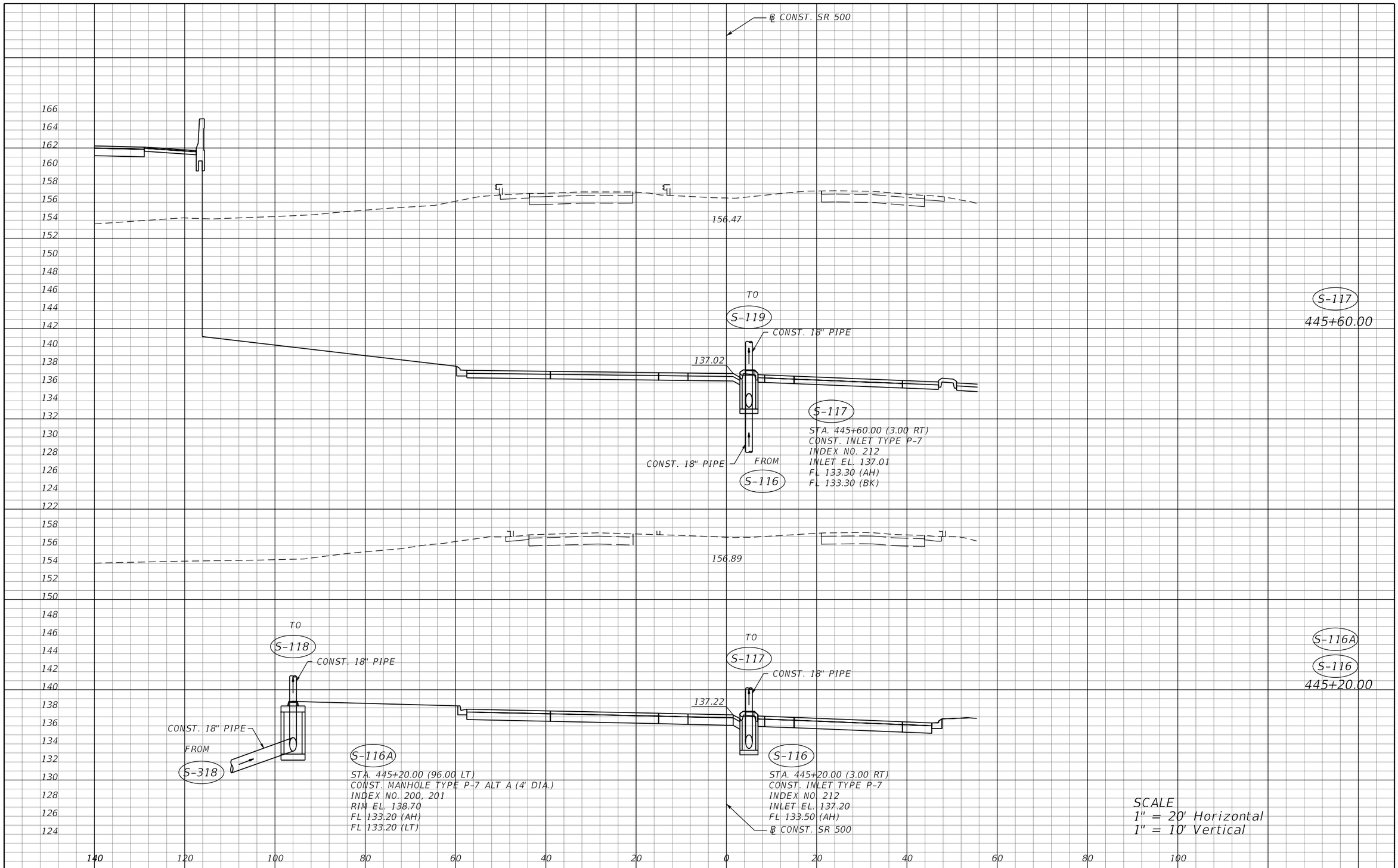
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO. 150

jcapra 3/28/2016 10:17:16 AM P:\7844-Wekiva3B\23827525201\drainage\drxsrd01.dgn



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

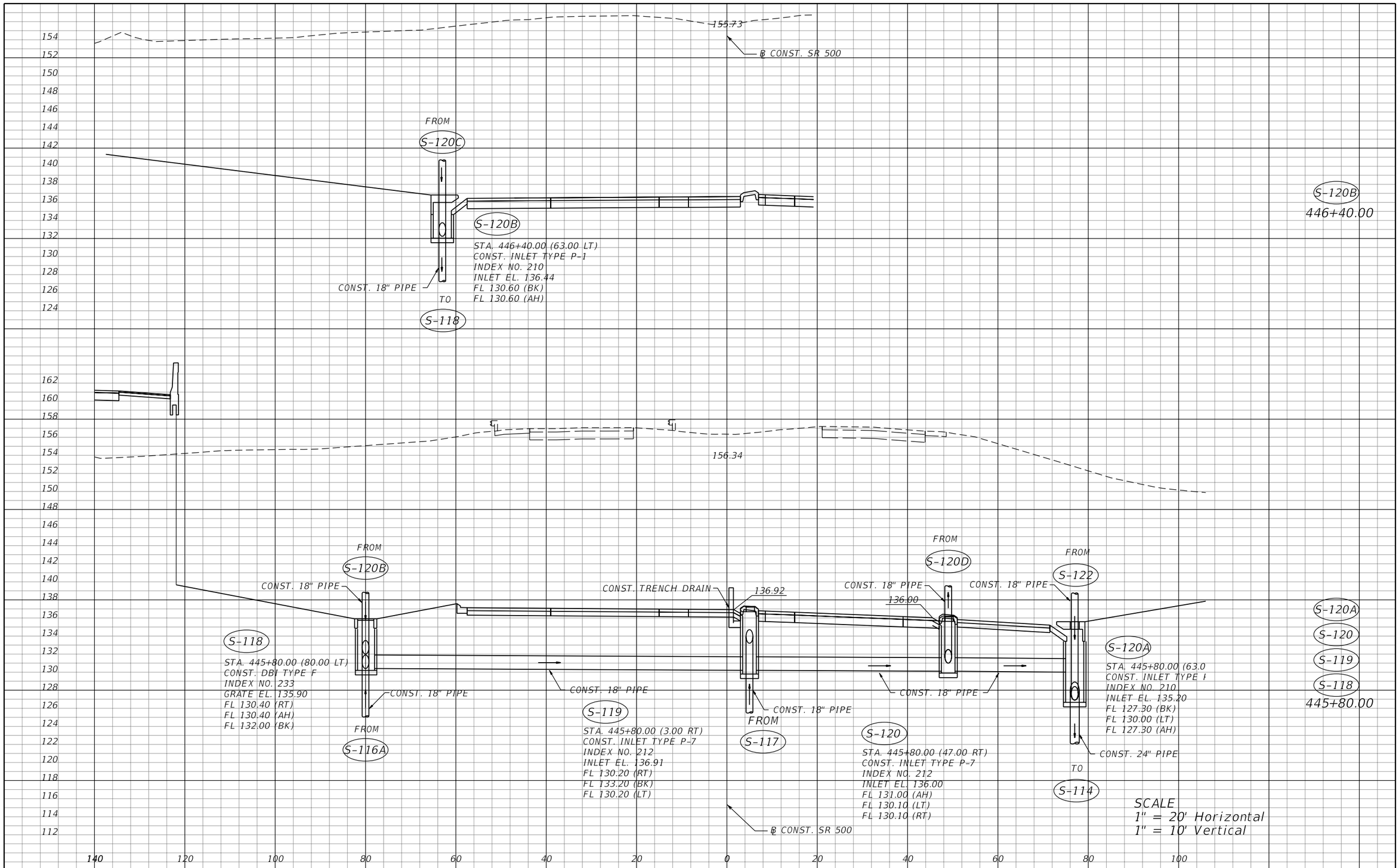
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO. 151

jcapra 3/28/2016 10:17:17 AM P:\7844-Wekiva3B\23827525201\drainage\drxsrd01.dgn



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

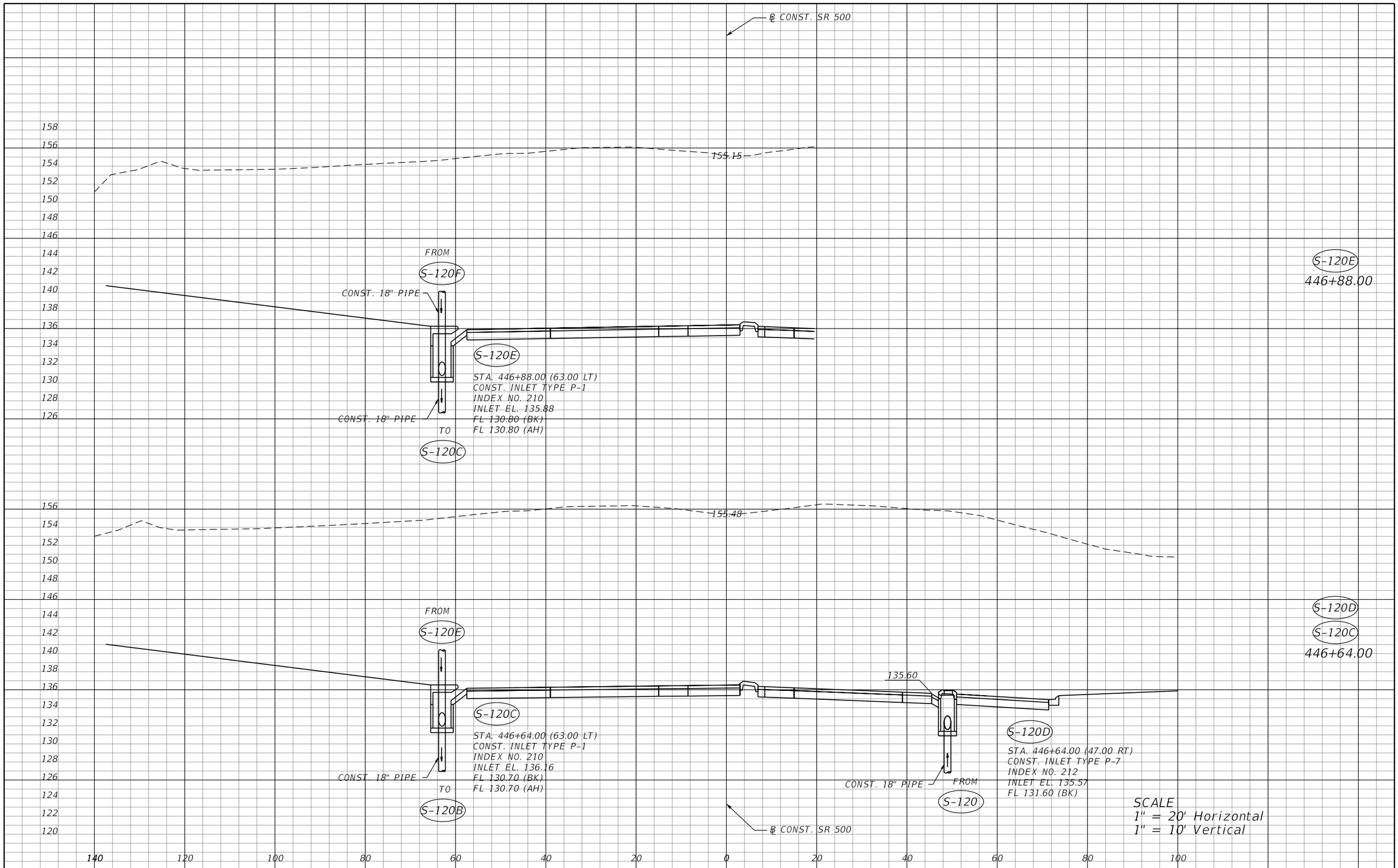
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO. 152

jcapra 3/28/2016 10:17:18 AM P:\7844-Wekiva3B\23827525201\drainage\drxsrd01.dgn



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

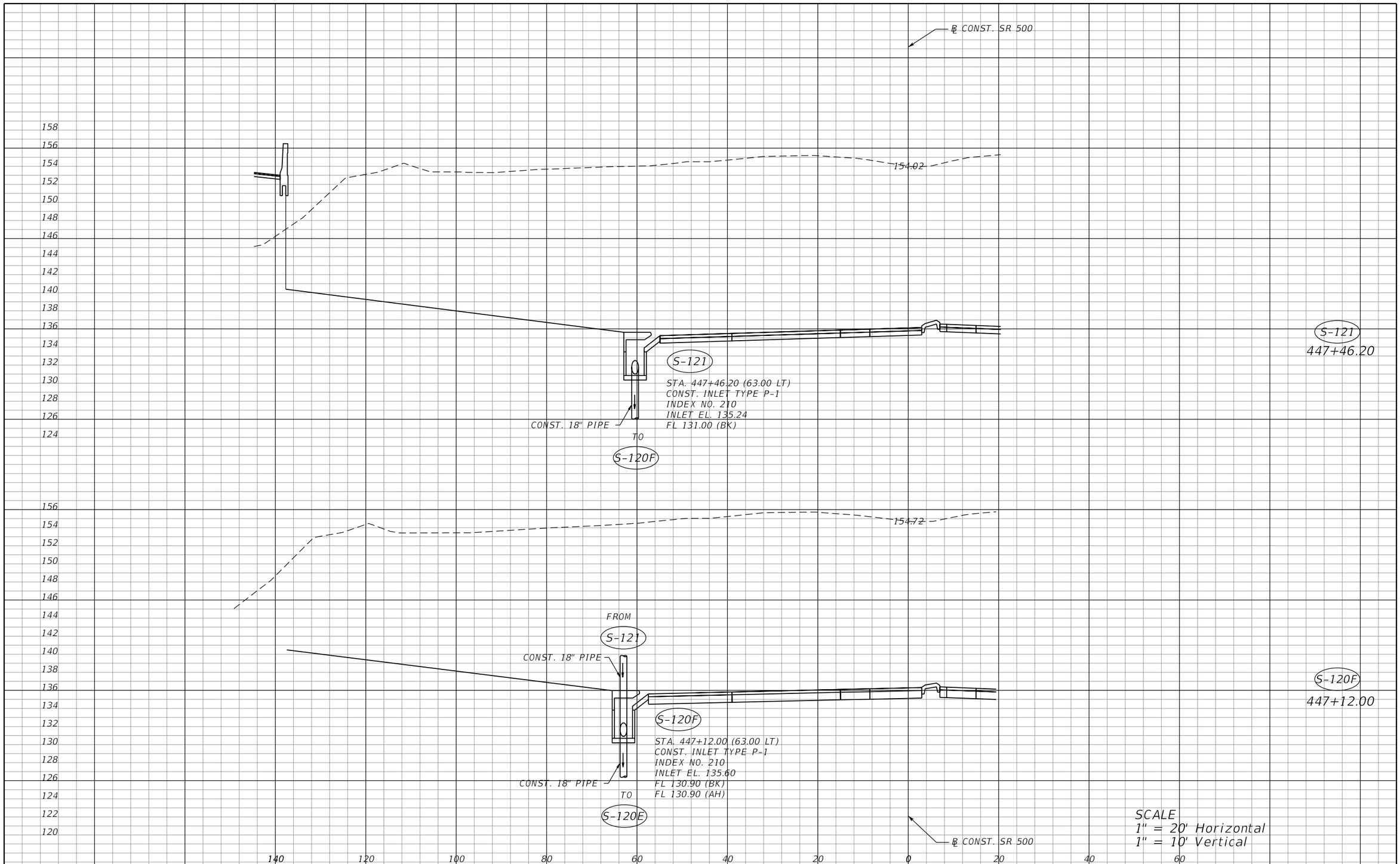
ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO. 153



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

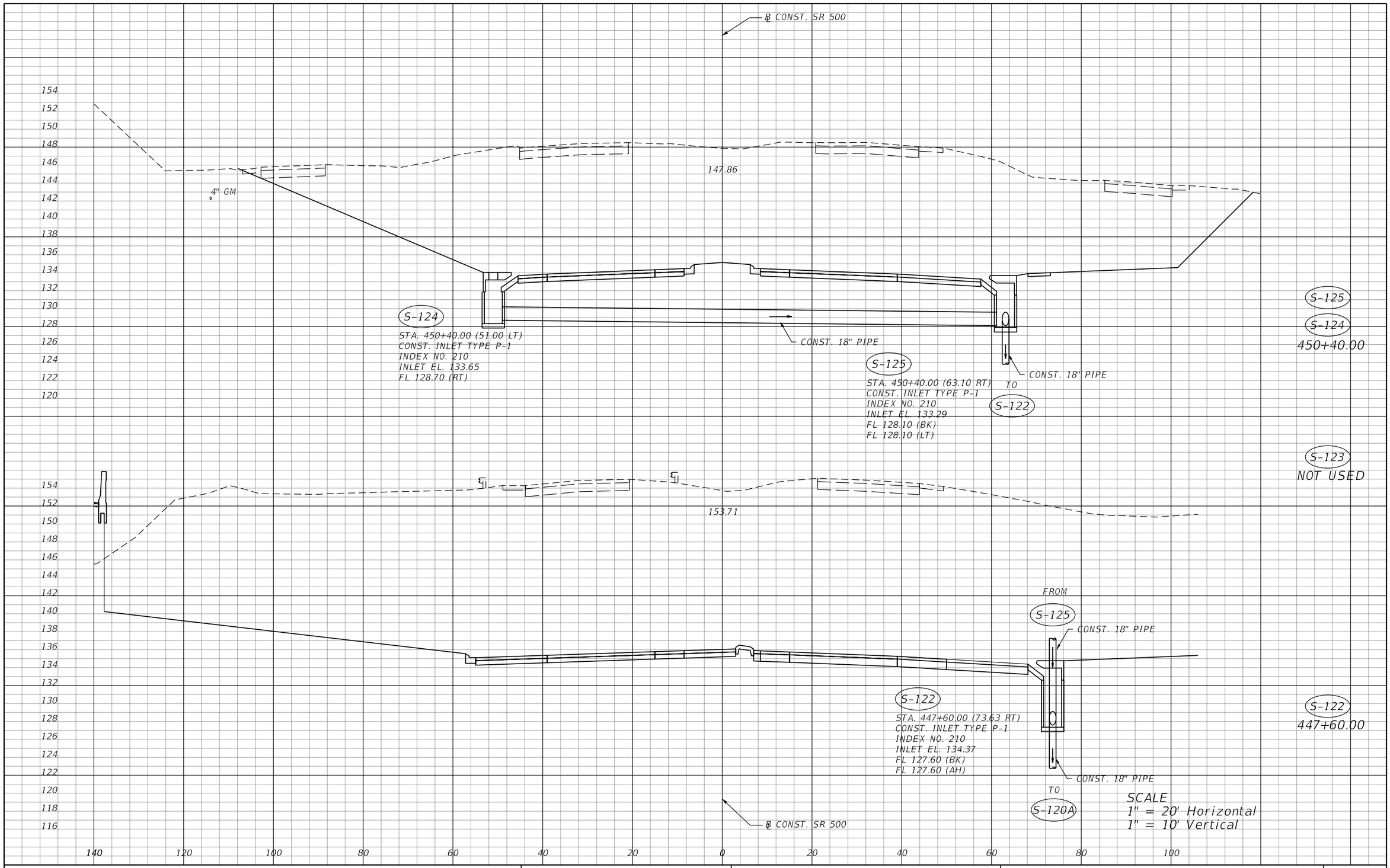
ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO. 154



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

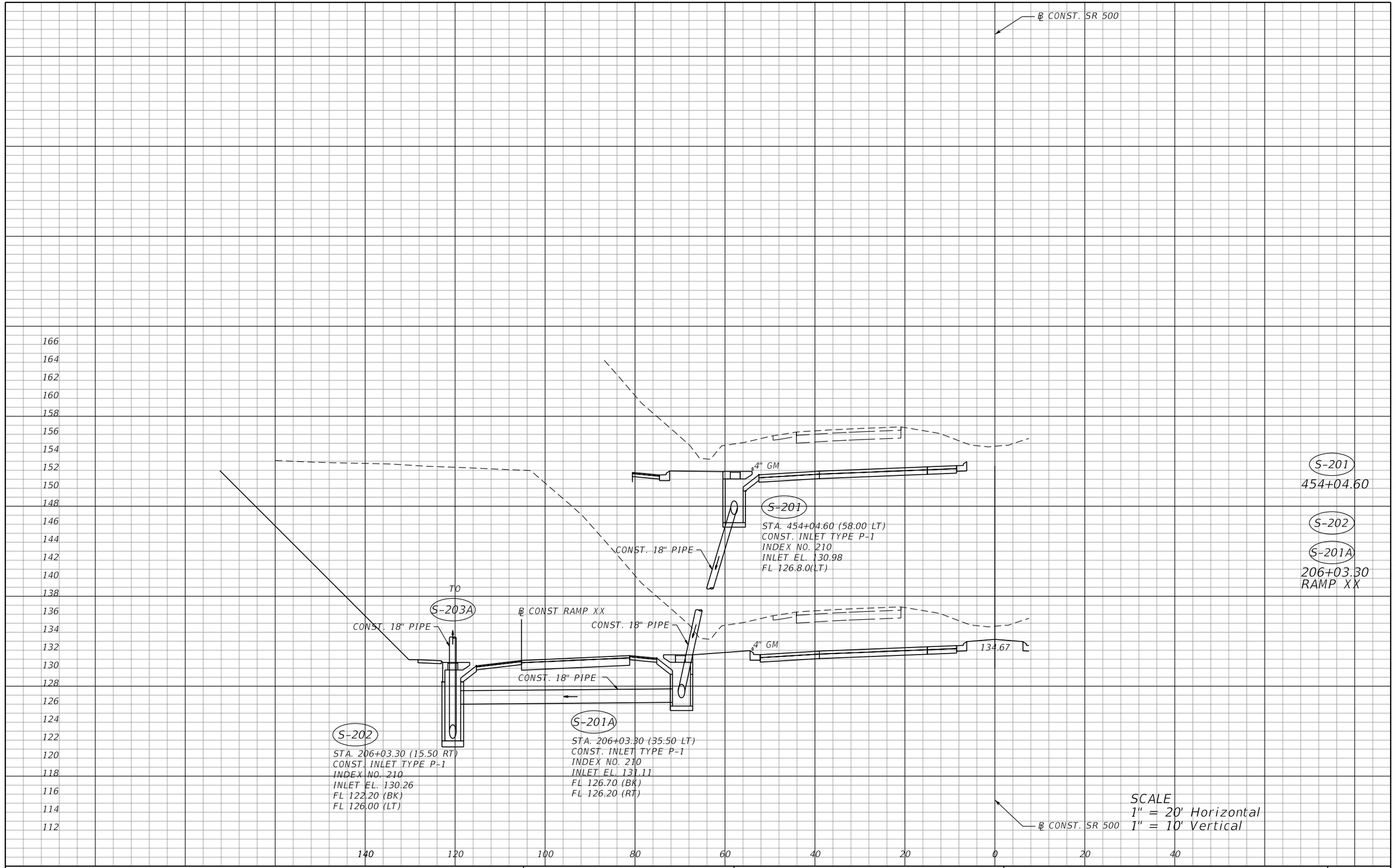
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO. 155

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

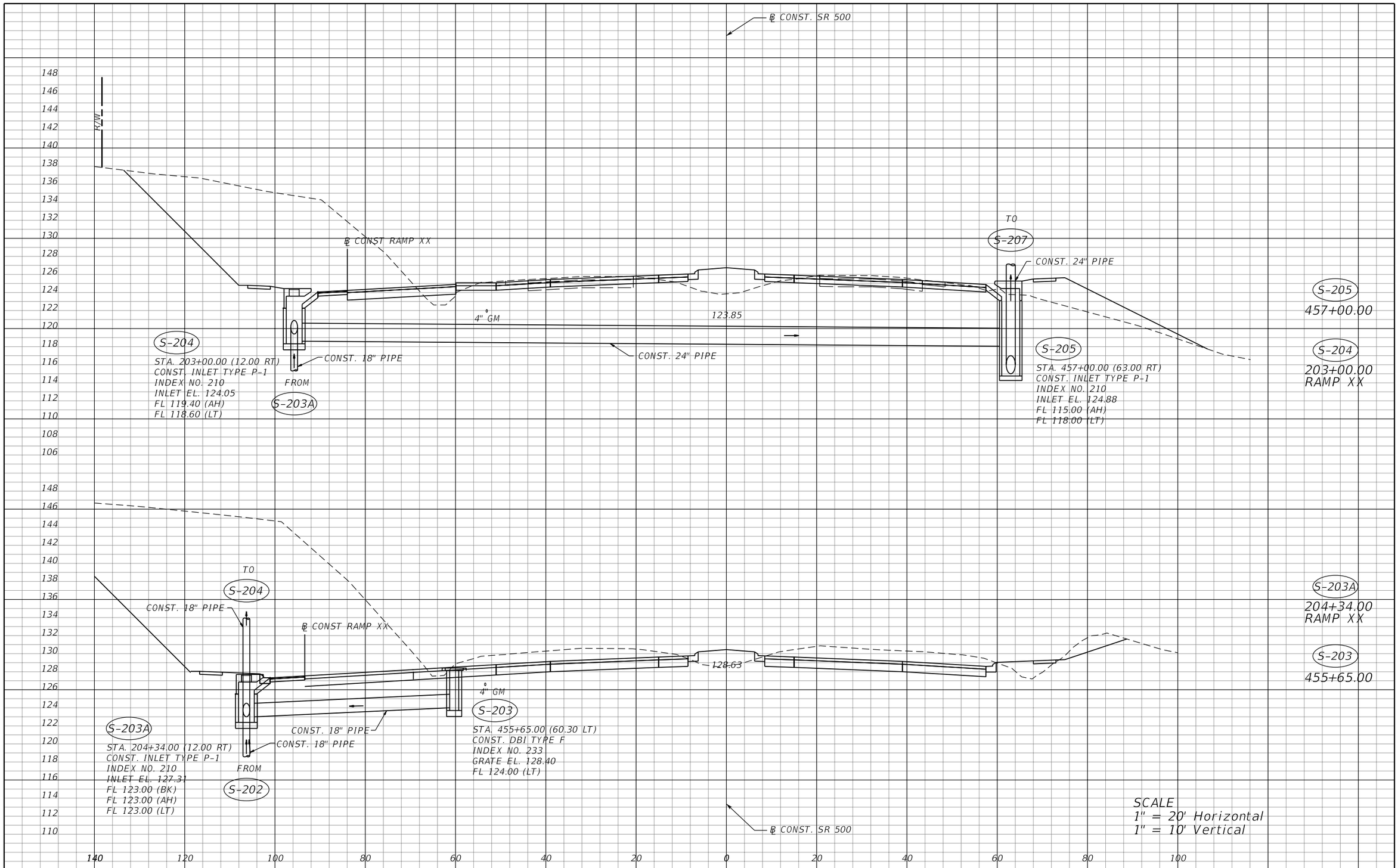
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO. 156

jcapra 3/28/2016 10:17:21 AM P:\7844-Wekiva3B\23827525201\drainage\drxsrd01.dgn



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

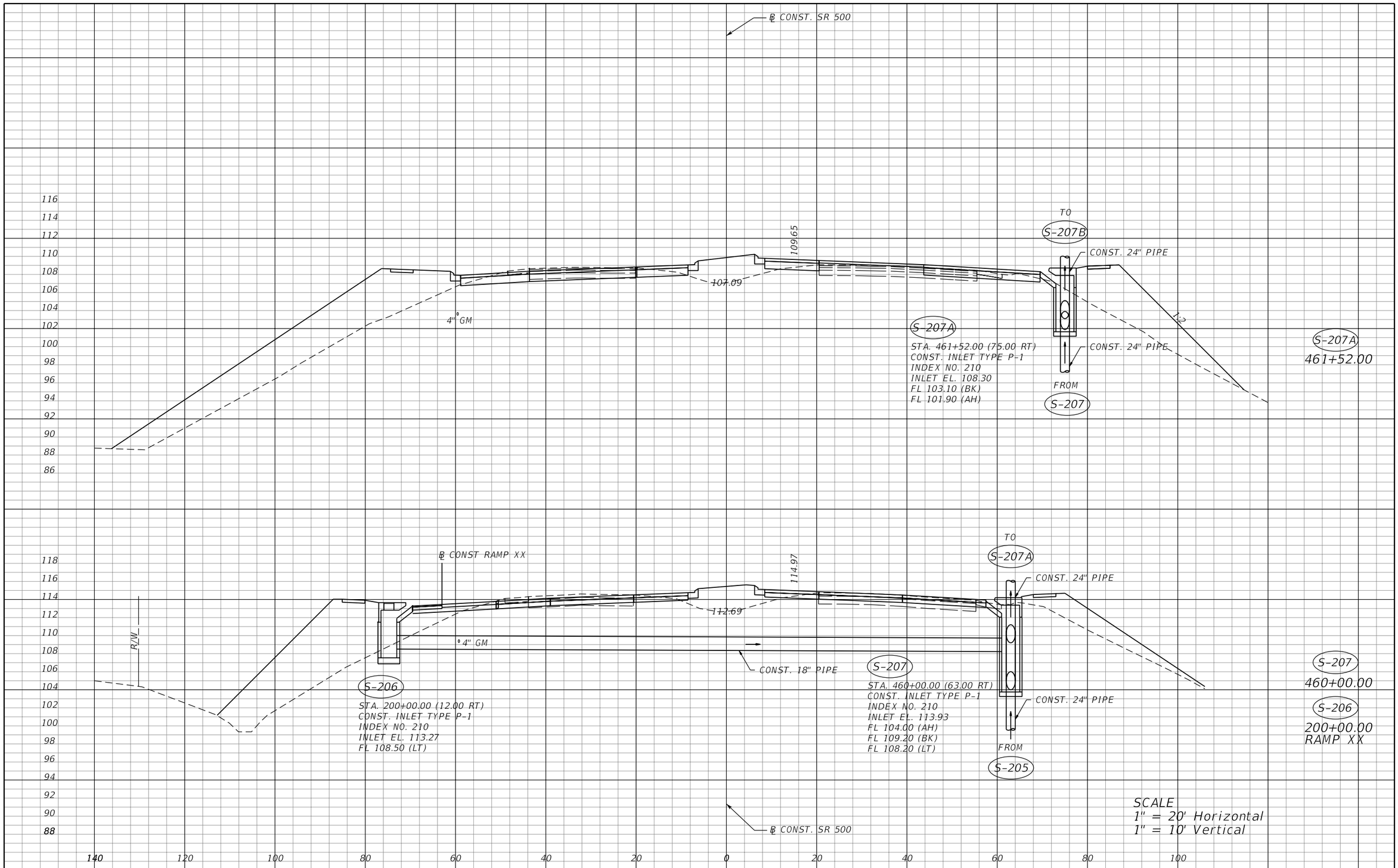
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO. 157

jcapra 3/28/2016 10:17:22 AM P:\7844-Wekiva3B\23827525201\drainage\drxsrd01.dgn



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

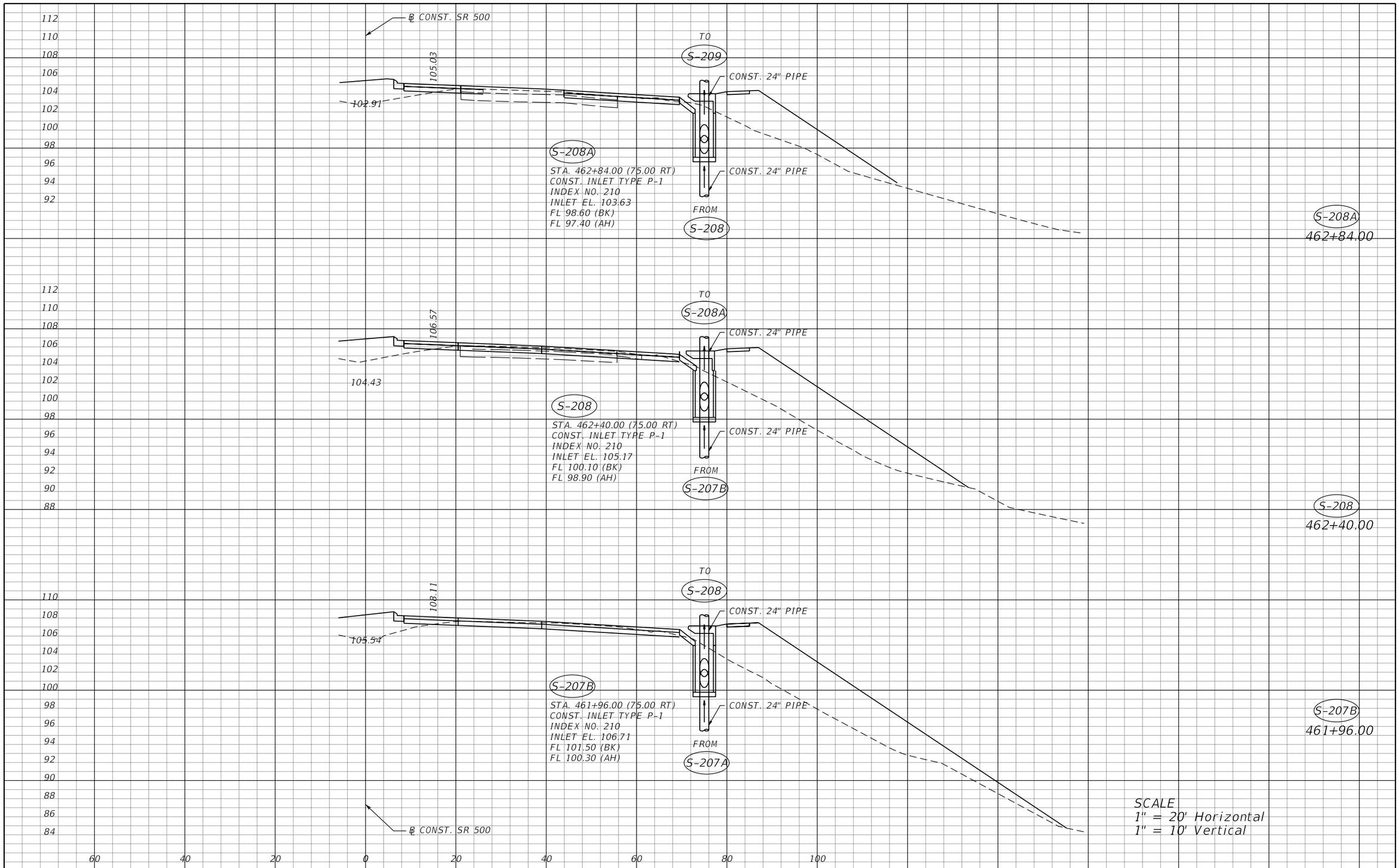
ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO. 158



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

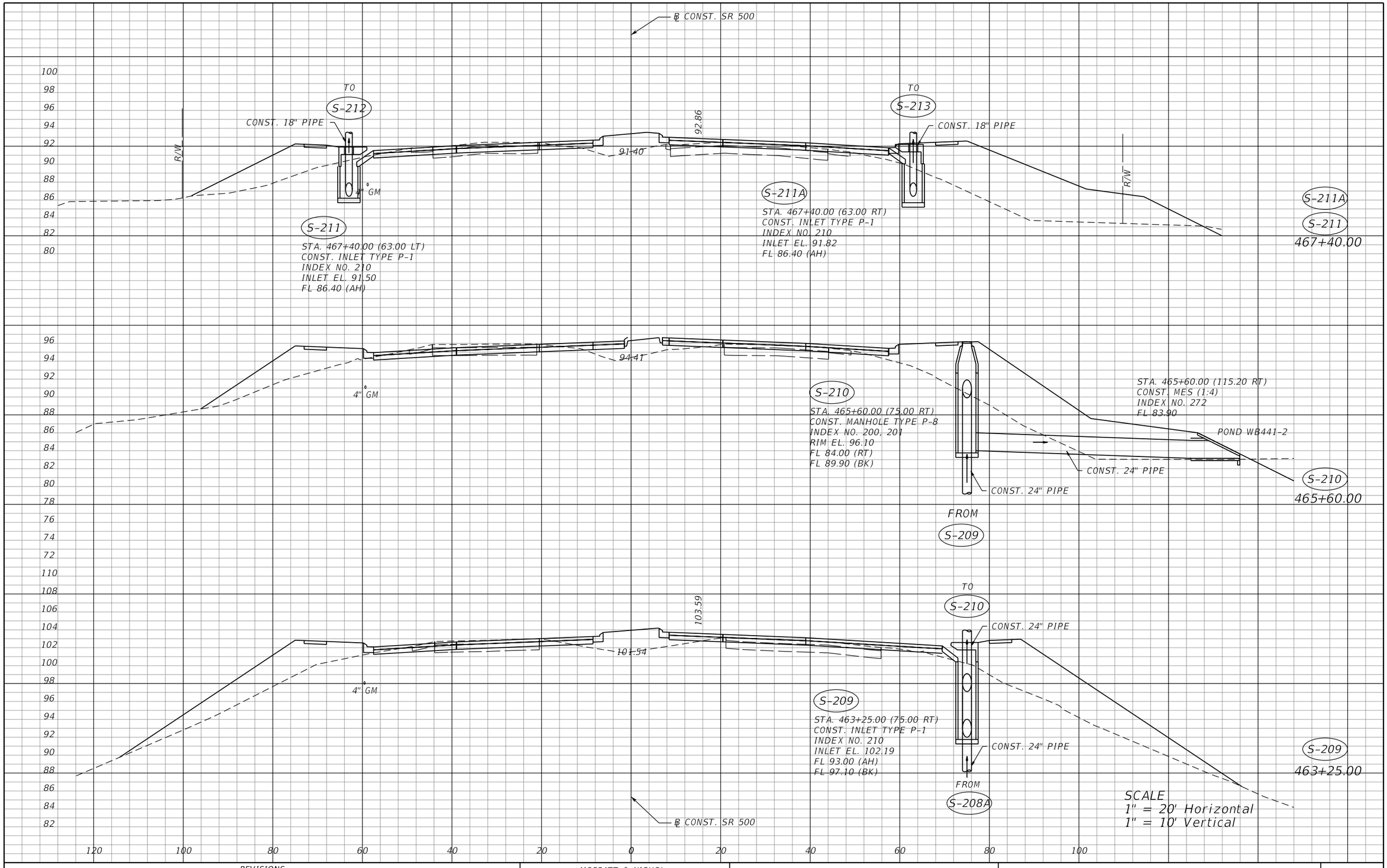
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO. 159

jcapra 3/28/2016 10:17:24 AM P:\7844-Wekiva3B\23827525201\drainage\drxsrd01.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

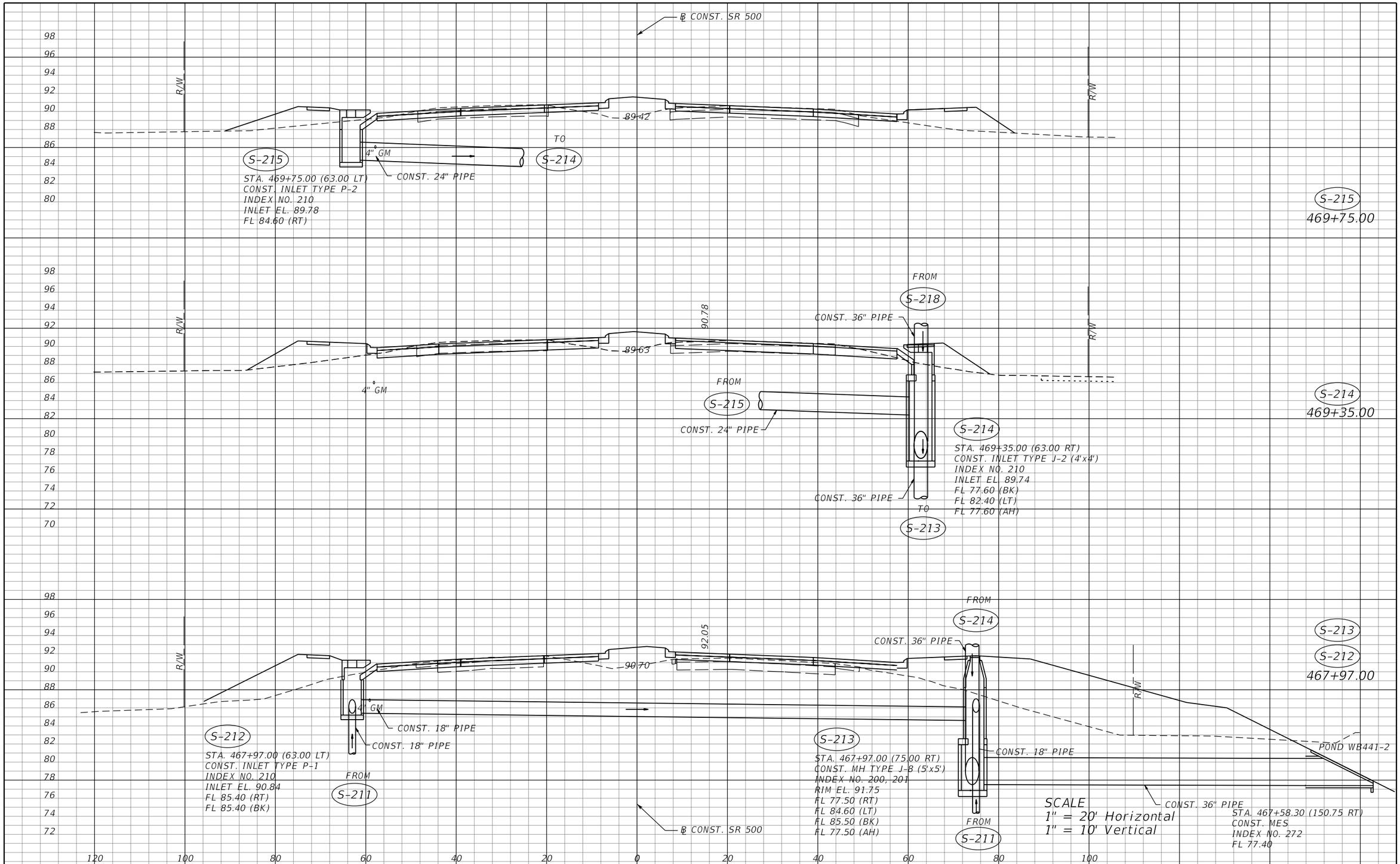
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO. 160

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

jcapra 3/28/2016 10:17:24 AM P:\7844-Wekiva3B\23827525201\drainage\drxsrd01.dgn



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

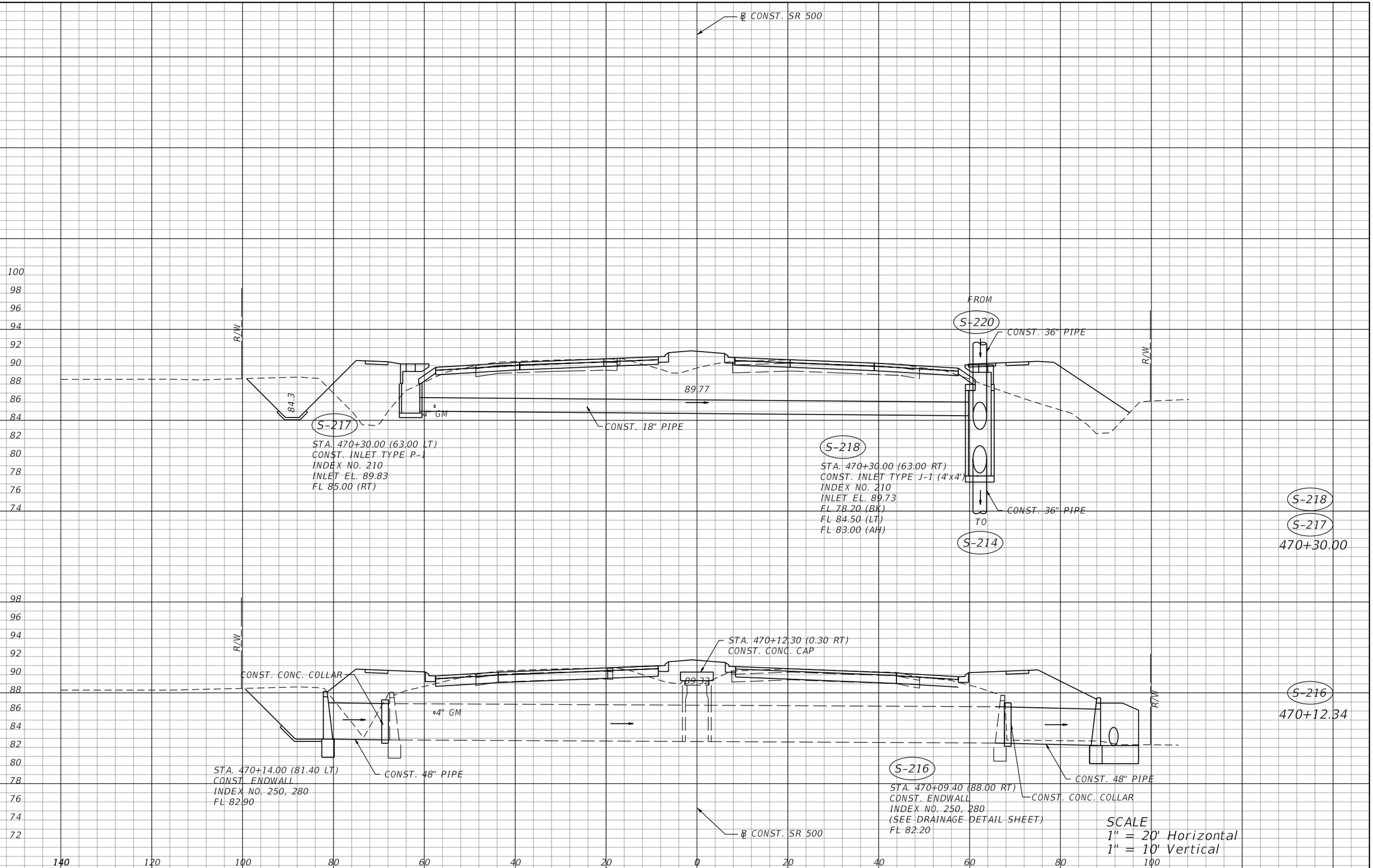
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO. 161

jcapra 3/28/2016 10:17:25 AM P:\7844-Wekiva3B\23827525201\drainage\drxsrd01.dgn



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

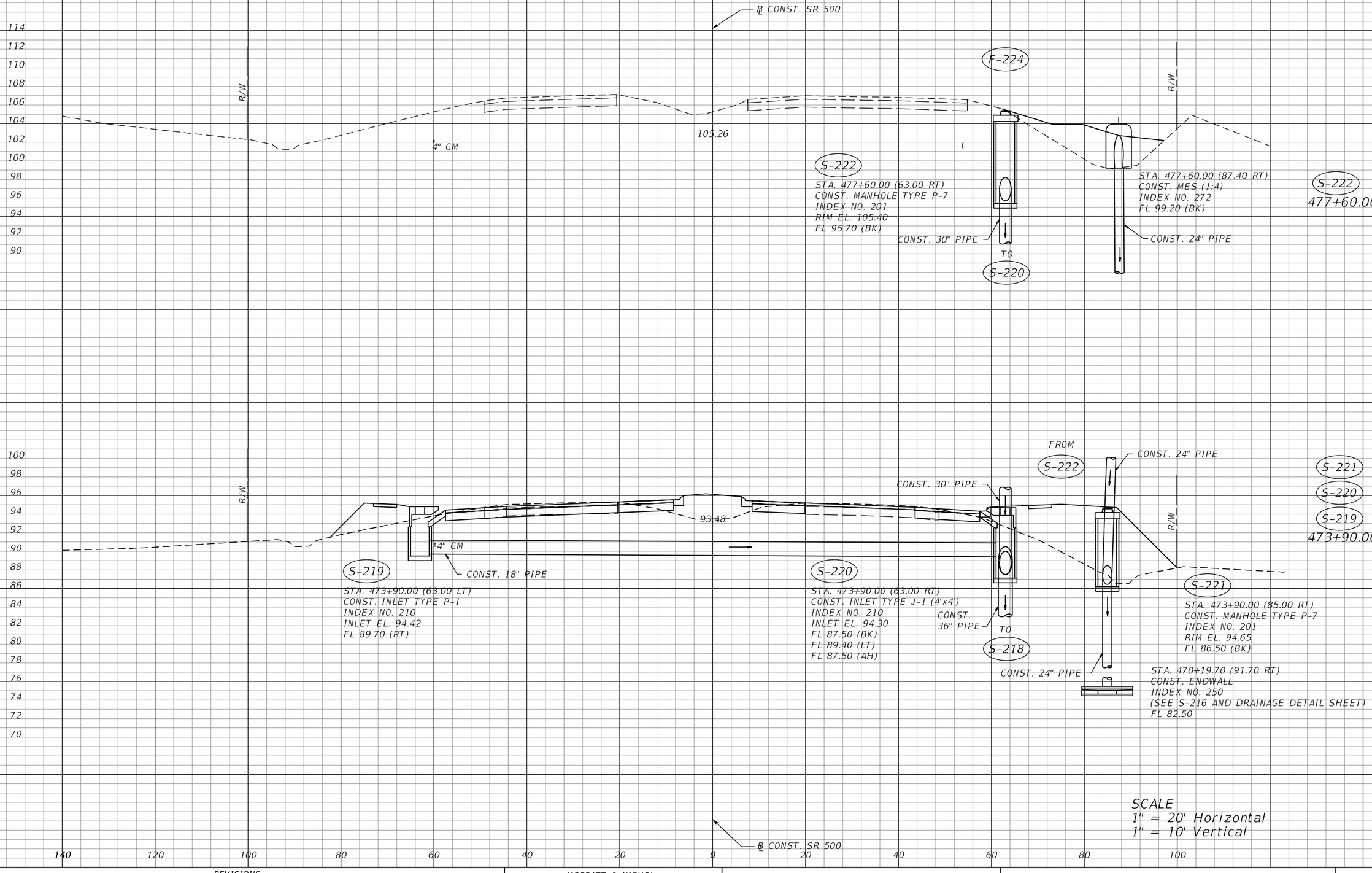
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO. 162

jcapra 3/28/2016 10:17:26 AM P:\7844-Wekiva3B\23827525201\drainage\drxsrd01.dgn



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

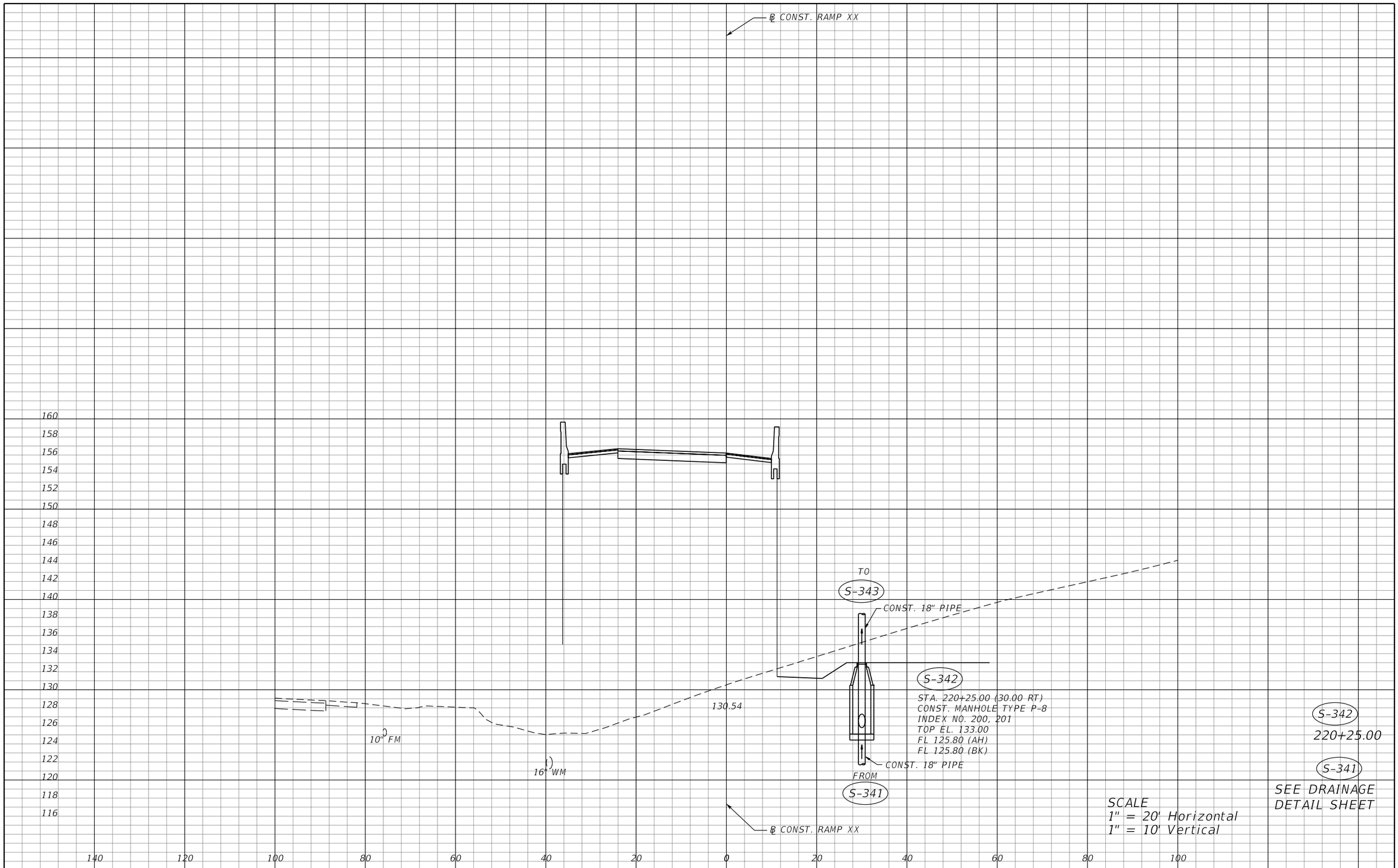
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO. 163

jcapra 3/28/2016 10:17:27 AM P:\7844-Wekiva3B\23827525201\drainage\drxsrd01.dgn



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

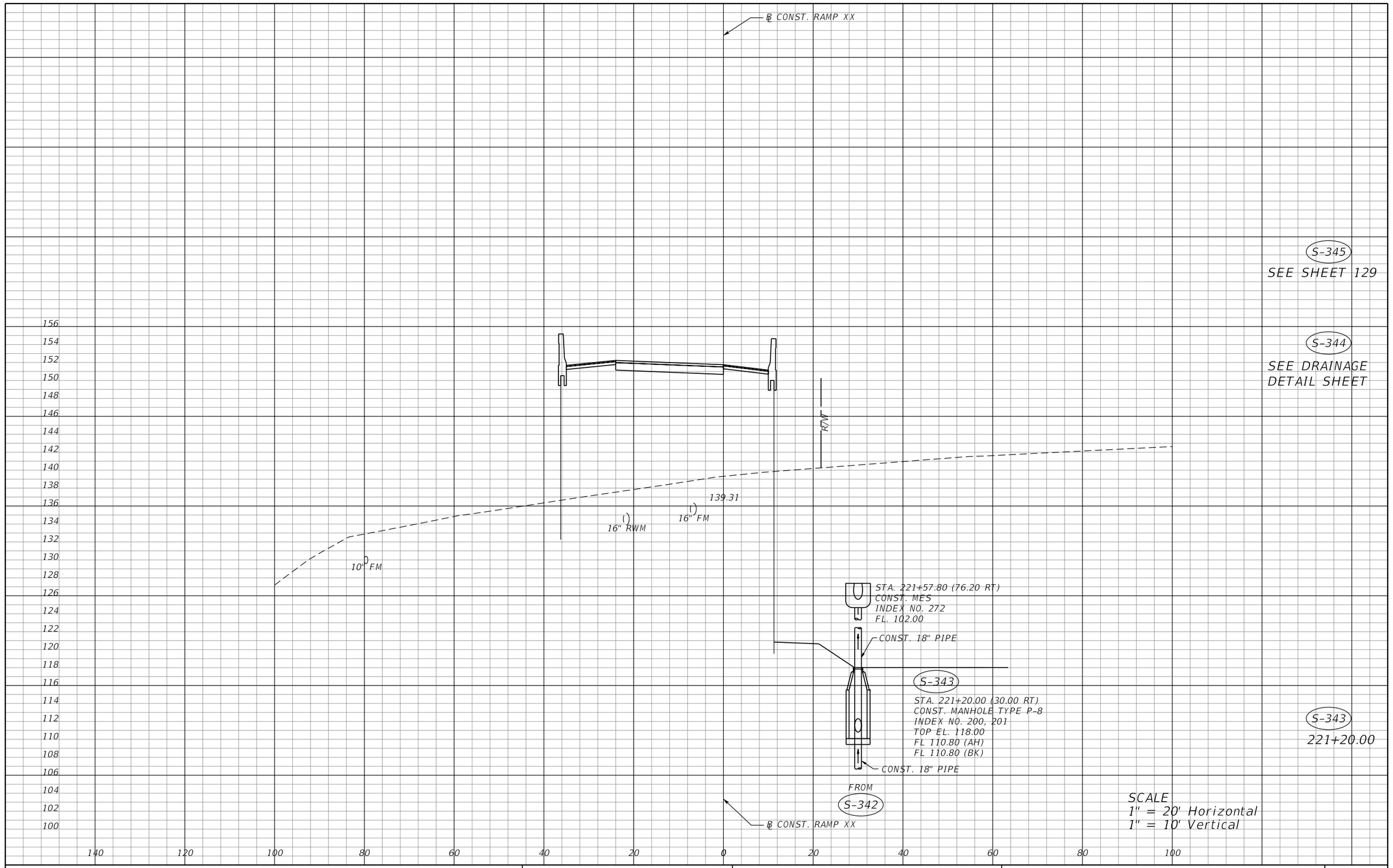
ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO. 164



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

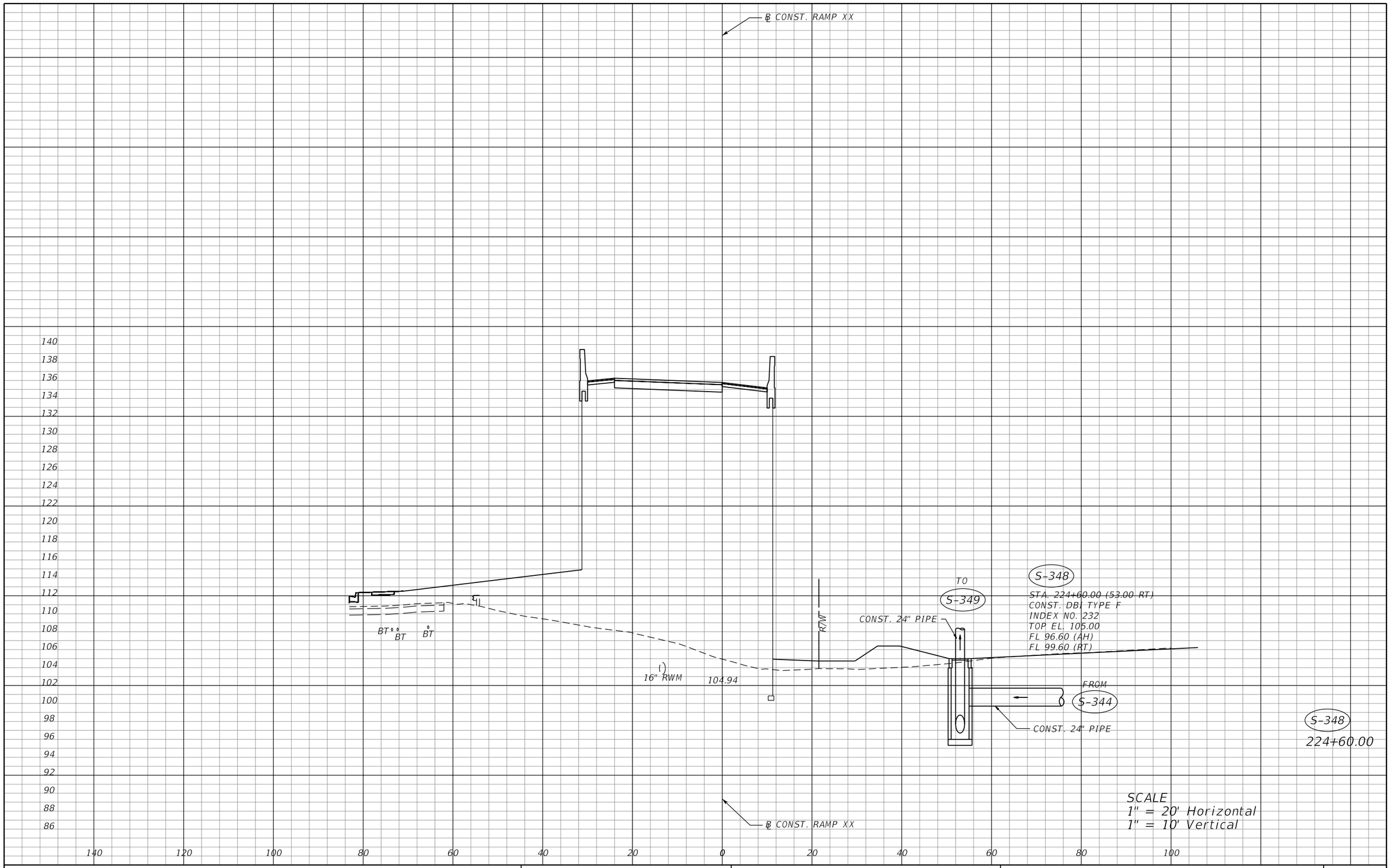
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO. 165

jcapra 3/28/2016 10:17:28 AM P:\7844-Wekiva3B\23827525201\drainage\drxsrd01.dgn



SCALE
1" = 20' Horizontal
1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

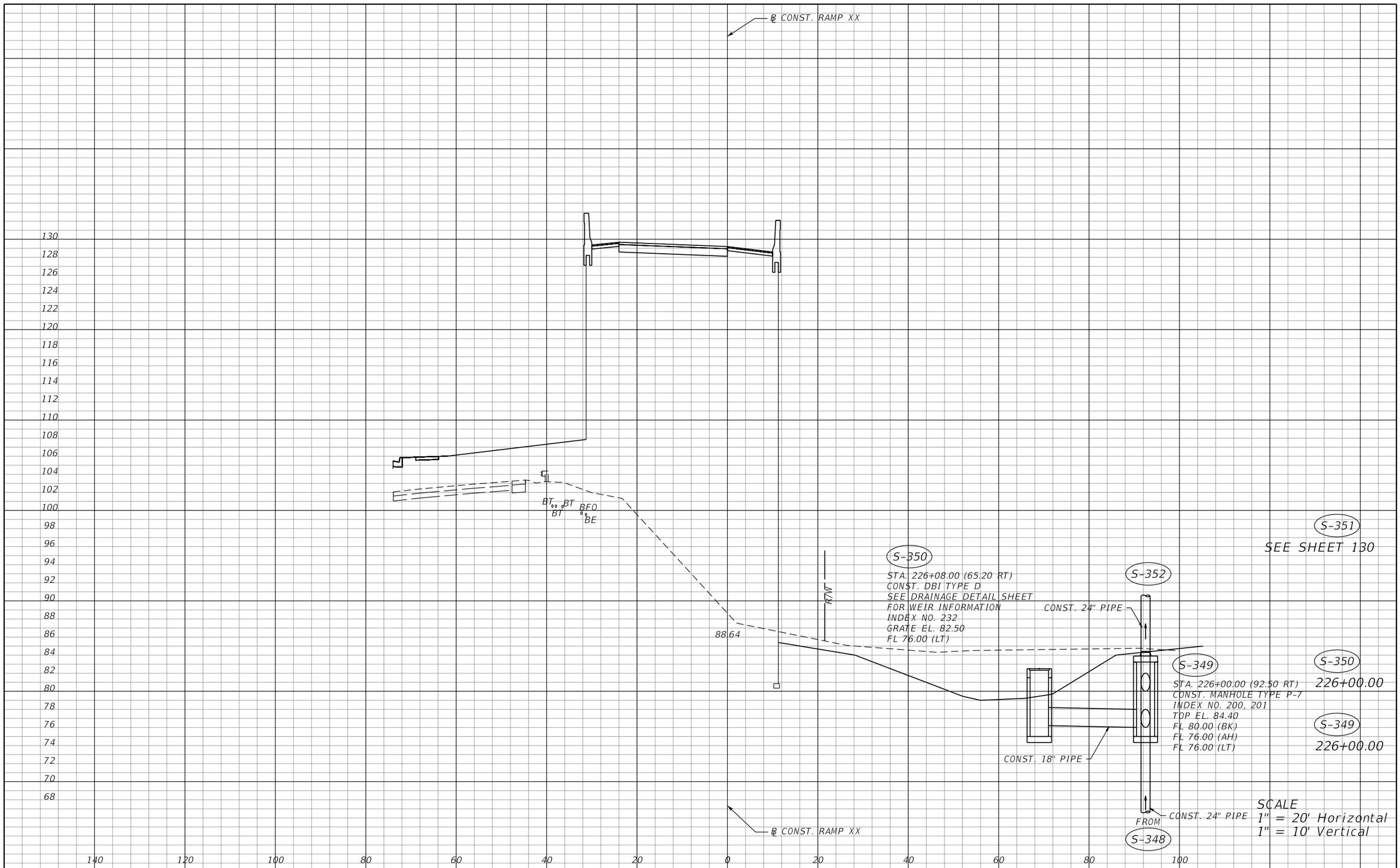
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO. 166

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

jcapra 3/28/2016 10:17:29 AM P:\7844-Wekiva3B\23827525201\drainage\drxsrd01.dgn



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

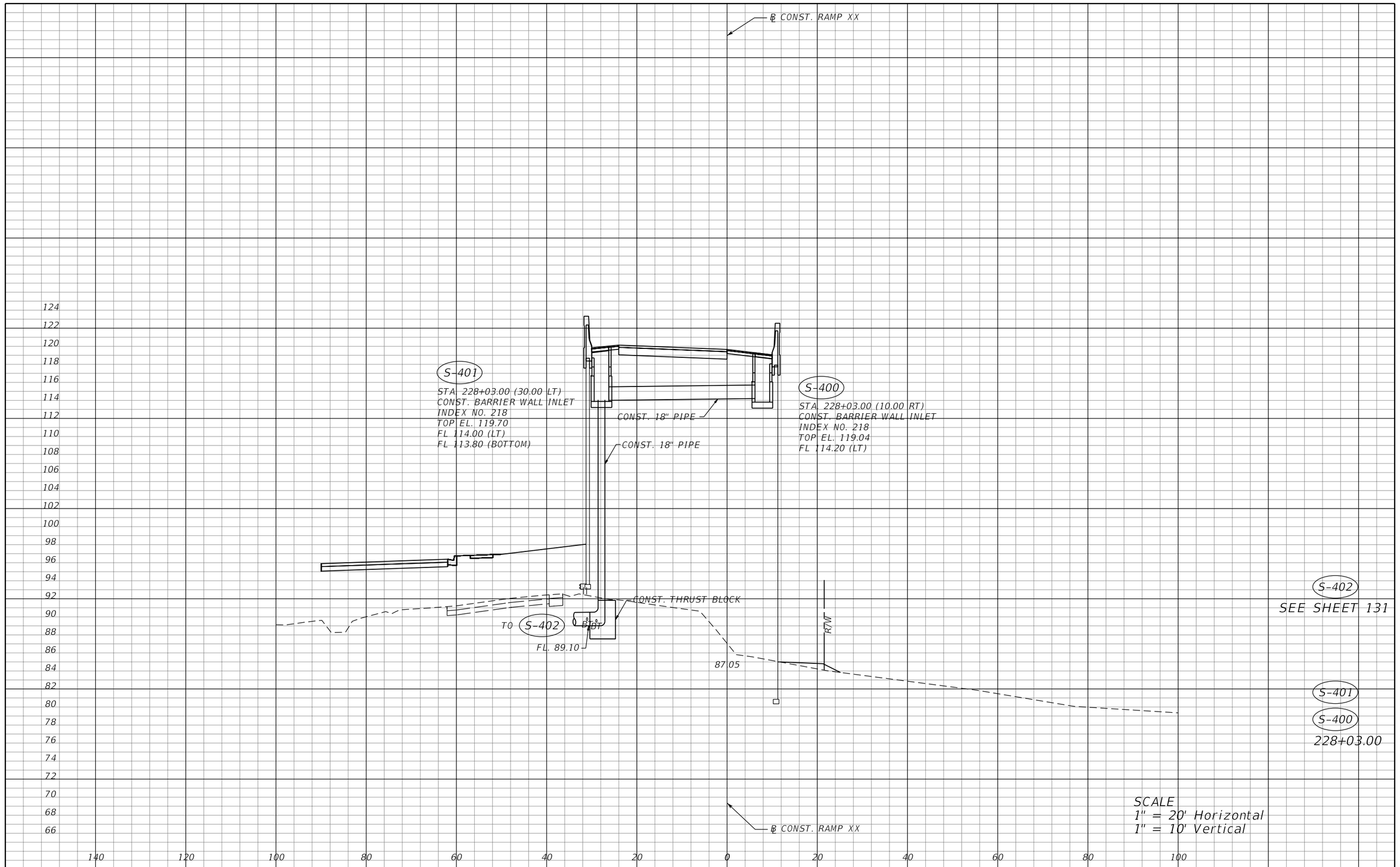
ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO. 167



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

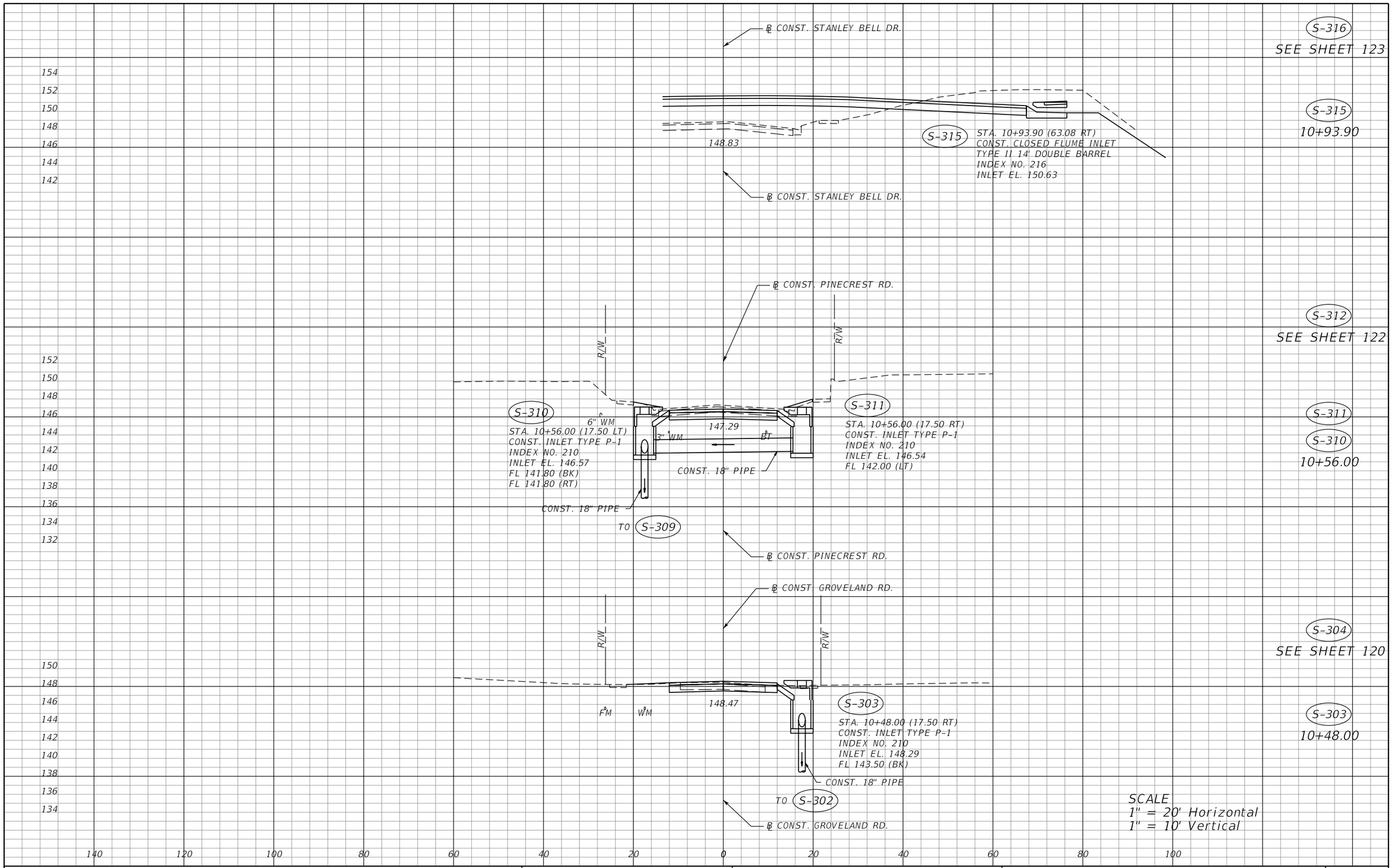
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO. 168

jcapra 3/28/2016 10:17:31 AM P:\7844-Wekiva3B\23827525201\drainage\drxsrd01.dgn



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

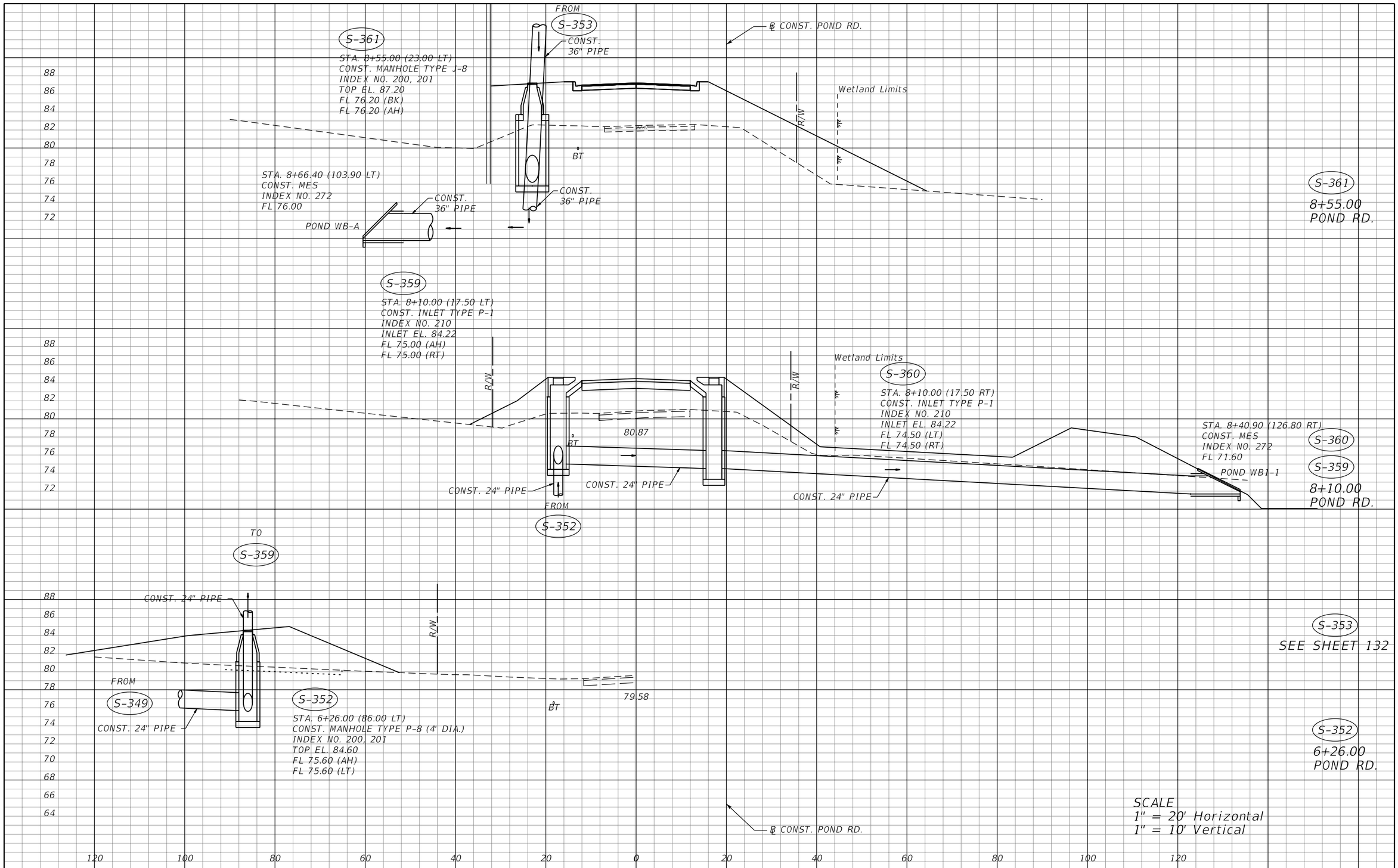
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO. 169

jcapra 3/28/2016 10:17:32 AM P:\7844-Wekiva3B\23827525201\drainage\drxsrd01.dgn



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

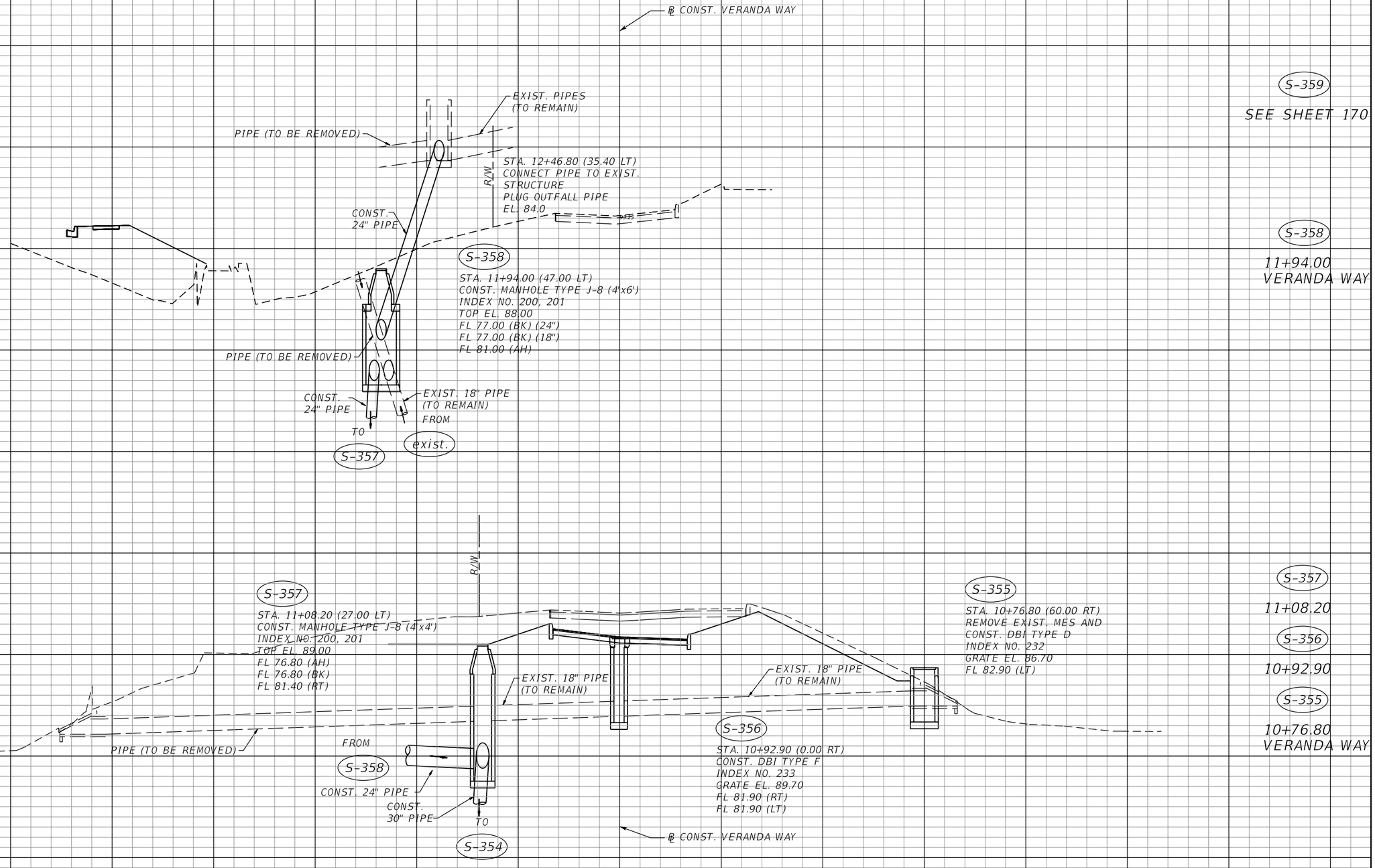
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO. 170

jcapra 3/28/2016 10:17:32 AM P:\7844-Wekiva3B\23827525201\drainage\drxsrd01.dgn



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO. 171

jcapra 3/28/2016 10:17:33 AM P:\7844-Wekiva3B\23827525201\drainage\drxsrd01.dgn

℄ CONST. SABASTIAN ST.

S-614
SEE SHEET 139
S-613
NOT USED

84
82
80
78
76

R/W

GAS
BE BE WM

Exist. 24" RCP
(TO REMAIN)

R/W

BE BT BE

S-612
STA. 2+90.00 (17.10 RT)
CONST. MANHOLE TYPE P-8
INDEX NO. 201
RIM EL. 80.70
FL 75.00 (BK)

Exist. 24" RCP
(TO BE REMOVED)

CONST. 24" PIPE

TO
S-610

S-612
2+90.00

FROM
S-612

CONST. 24" PIPE

84
82
80
78
76
74
72

CONNECT TO EXIST.
ENDWALL

BE
BE WM

CONST. CONC. COLLAR

CONST. 36" PIPE

CONST. 36" PIPE

BE BT BE

S-610
STA. 2+75.00 (25.82 RT)
CONST. INLET TYPE J-1 (4'x4')
INDEX NO. 210,280
INLET EL. 79.87
FL 73.80 (AH)
FL 73.80 (LT)

S-611
2+75.30

S-610
2+75.00

S-611
STA. 2+75.30 (24.90 LT)
CONST. INLET TYPE J-1
INDEX NO. 210
INLET EL. 79.80

℄ CONST. SABASTIAN ST.

SCALE
1" = 20' Horizontal
1" = 10' Vertical

140 120 100 80 60 40 20 0 20 40 60 80 100

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

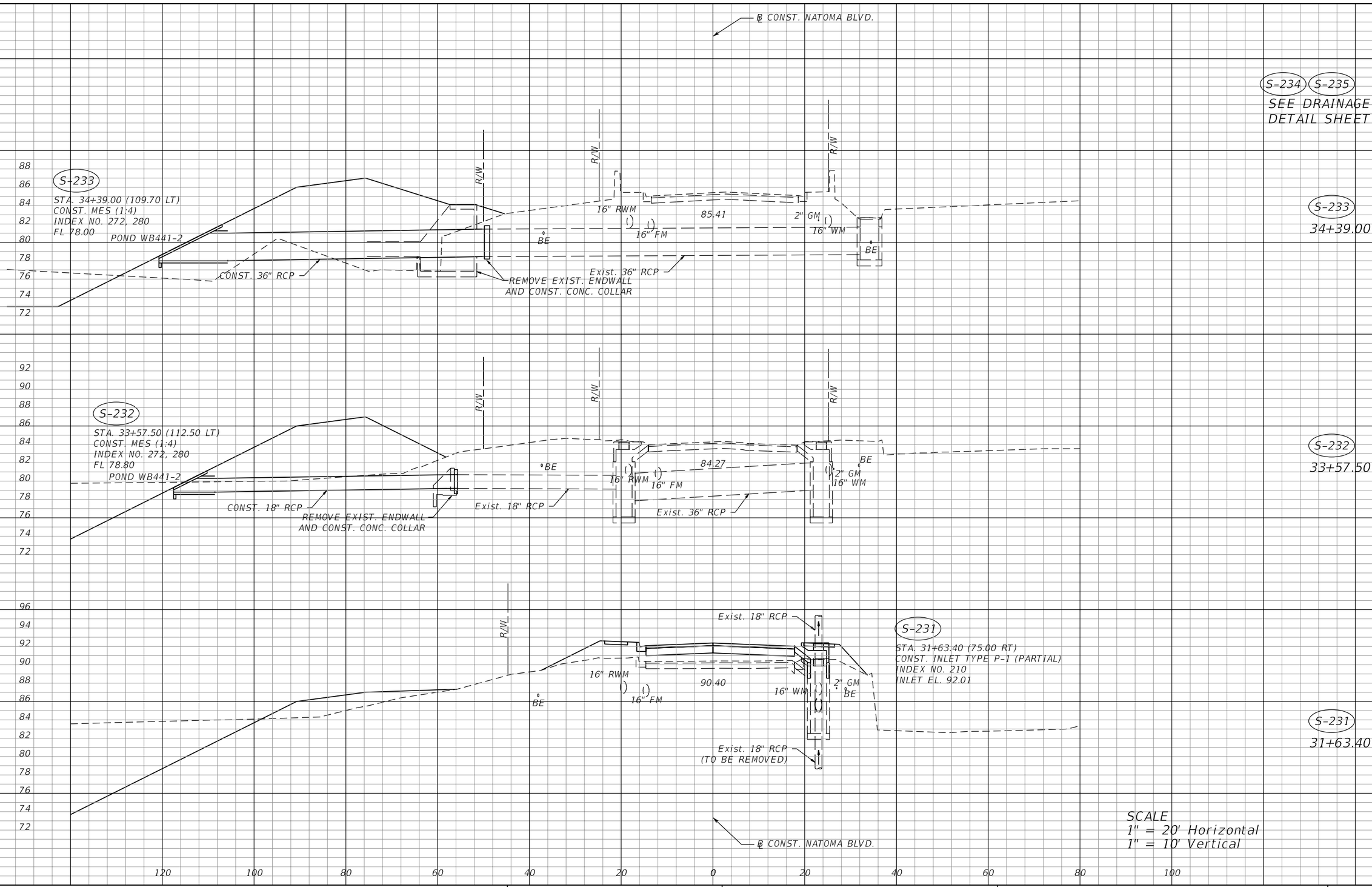
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO.
172

jcapra 3/28/2016 10:17:35 AM P:\7844-Wekiva3B\23827525201\drainage\drxsrd01.dgn



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

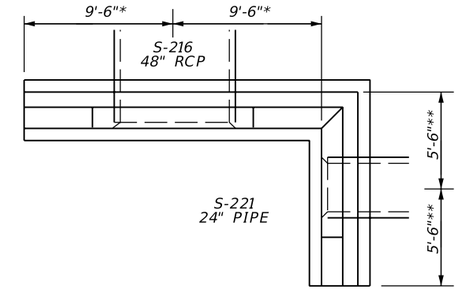
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

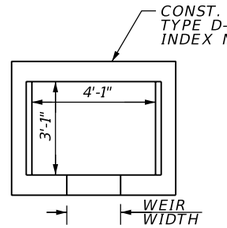
SHEET NO. 173

jcapra 3/28/2016 10:17:36 AM P:\7844-Wekiva3B\23827525201\drainage\drxsrd01.dgn

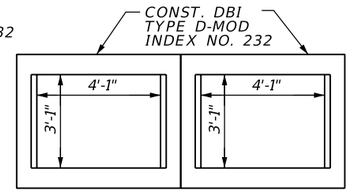
STR. NO.	POND	INLET		STA. REF.	DBI	GRATE ELEV. "A"	WEIR ELEV. "B"	WEIR WIDTH/ HEIGHT (IN/IN)	V-NOTCH ELEV. "C"	V-NOTCH ANGLE "D"	DHW		TOP OF SKIMMER "E"	BOTTOM OF SKIMMER "F"	OUTLET PIPE			MITERED END SECTION	
		STATION	OFFSET								25YR/96HR	100YR/240HR			INLET FL. EL. "G"	OUTLET FL. EL. "H"	PIPE SIZE (IN)	STATION	OFFSET
S-318	WB441-1-1	33+67.60	110.00 (LT)	SR 46	D	136.50	N/A	N/A	N/A	N/A	136.90	136.72	137.00	136.00	133.40	133.20	18	S-116A	N/A
S-111	WB441-1-2	442+25.00	120.00 (LT)	SR 500	D	131.50	N/A	N/A	N/A	N/A	131.56	132.05	132.20	131.00	128.00	127.50	18	S-112	N/A
S-341	WB441-1-3	220+00.00	52.50 (RT)	RAMP XX	D	131.60	N/A	N/A	N/A	N/A	131.24	131.82	132.00	131.10	126.00	125.80	18	S-342	N/A
S-344	WB441-1-4	223+73.00	175.00 (RT)	RAMP XX	D	106.70	106.30	12/4.8	N/A	N/A	107.18	107.26	107.50	105.80	100.00	99.60	24	S-348	N/A
S-410	WB1-1	51+09.20	423.20 (RT)	SR 46	D	76.20	74.35	24/22.8	73.60	100	75.52	75.25	76.20	73.20	72.20	72.00	18	51+31.90	431.20 (RT)
S-507	WB1-2	57+31.80	152.30 (RT)	SR 46	D	77.10	75.30	18/21.6	74.40	23	76.75	76.21	77.10	73.80	74.00	73.60	18	56+82.20	174.30 (RT)
S-622	WB2A	84+65.00	419.80 (LT)	SR 46	D	75.60	N/A	N/A	75.00	114	76.04	75.84	76.20	74.50	72.70	72.50	24	85+14.20	385.60 (LT)
S-704	WB2B	92+71.00	250.70 (LT)	SR 46	D	99.70	98.50	7/14.4	N/A	N/A	99.27	99.98	100.00	98.30	90.70	90.20	18	91+73.60	250.70 (LT)
S-234	WB441-2	467+54.00	505.50 (RT)	SR 500	D	84.90	81.60	30/24	N/A	N/A	83.26	84.93	84.90	81.10	80.00	79.00	18	S-234A	N/A
S-235	WB441-2	465+16.00	155.00 (RT)	SR 500	D	84.90	81.90	4/36	N/A	N/A	83.26	84.93	84.90	81.40	81.30	81.10	18	465+15.00	143.00 (LT)
S-350	WB-A	226+08.00	65.20 (RT)	RAMP XX	D	82.50	81.00	36/6	N/A	N/A	82.97	82.75	83.20	80.7	76.00	75.50	18	S-349	N/A
S-355	VERANDA	10+76.8	60.00 (RT)	VERANDA	D	86.70	N/A	N/A	N/A	N/A	86.81	86.90	87.00	86.00	79.50	77.00	18	S-356	N/A



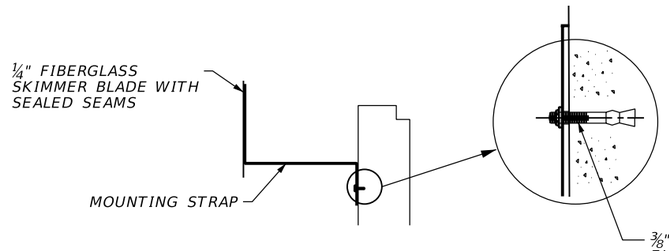
PLAN VIEW
N.T.S.



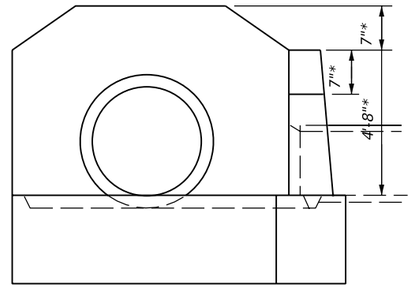
TOP VIEW
N.T.S.



TOP VIEW for S-622
N.T.S.



SKIMMER DETAIL SECTION
N.T.S.



FRONT VIEW
N.T.S.

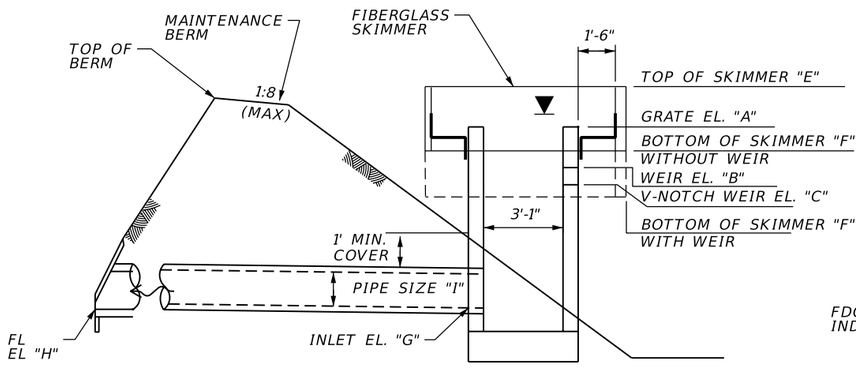
S-216 DETAIL

NOTES:
* DIMENSIONS ARE THE SAME AS THOSE FOR 48" STRAIGHT CONCRETE ENDWALL PER FDOT INDEX No. 250
** DIMENSIONS ARE THE SAME AS THOSE FOR 24" STRAIGHT CONCRETE ENDWALL PER FDOT INDEX No. 250.

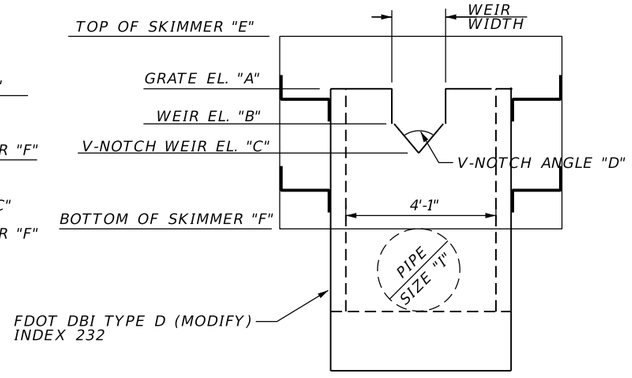
ENDWALL ASSOCIATED WITH 24" PIPE FROM S-221, HAVE BEEN MODIFIED TO BLEND INTO 48" ENDWALL.

ALL GENERAL NOTES ON INDEX 250 APPLY.

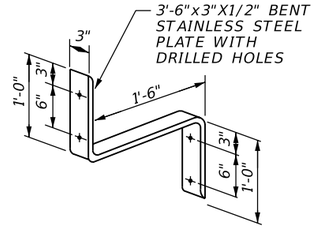
COSTS FOR ENDWALL ARE LOCATED IN S-216 & S-231



SIDE VIEW
N.T.S.



FRONT VIEW
N.T.S.



MOUNTING STRAP
N.T.S.

NOTES:
1. COST OF THE FIGERGLASS SKIMMERS WITH ASSOCIATED HARDWARE AND FITTINGS SHALL BE INCLUDED IN THE COST OF THE ASSOCIATED CONTROL STRUCTURE.
2. SKIMMER FOR STRUCTURES S-234, S-235 AND S-507 SHALL BE CONSTRUCTED PER INDEX 240. USE SKIMMER HEIGHT = 40"
3. SKIMMER FOR STRUCTURE S-410 SHALL BE CONSTRUCTED PER INDEX 240. USE SKIMMER HEIGHT = 36"

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

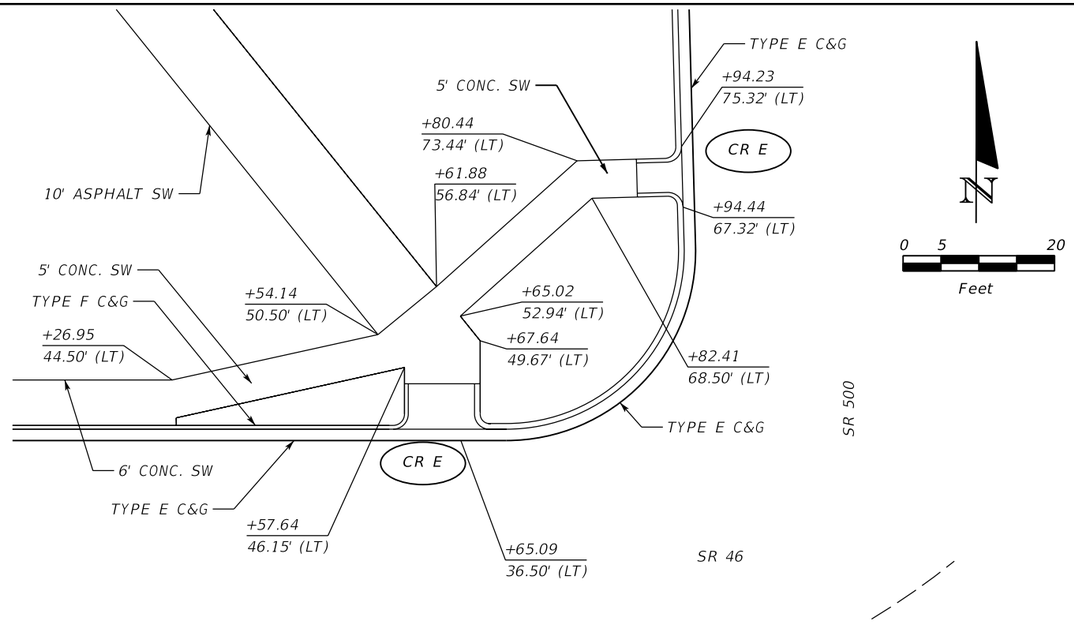
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

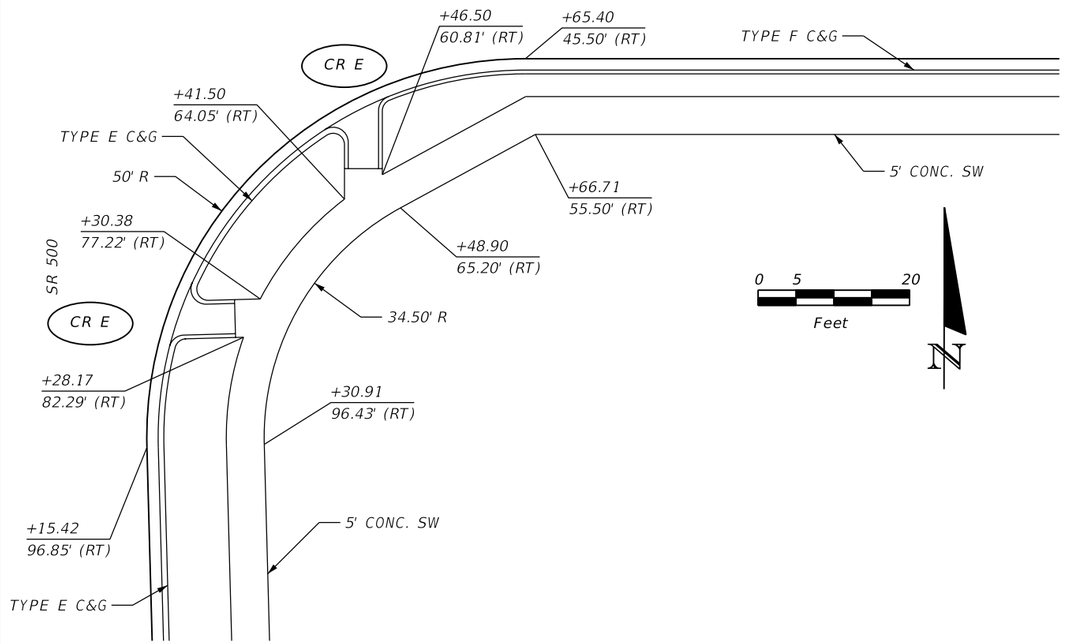
DRAINAGE DETAILS

SHEET NO. 174

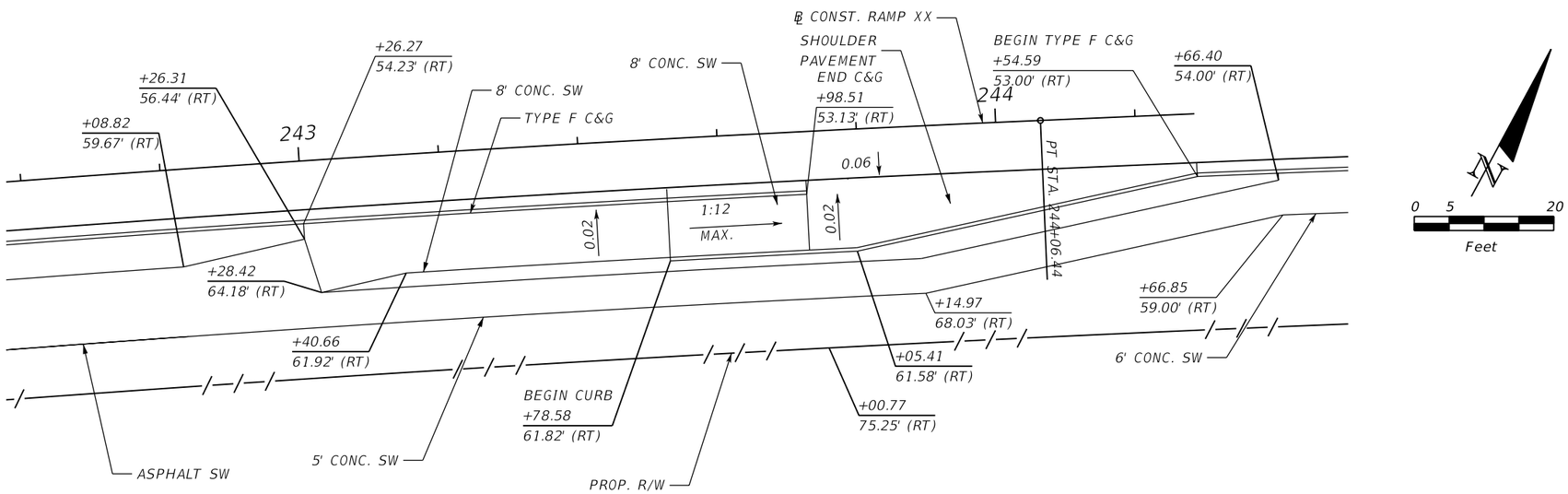
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



NW CORNER AT SR 46 AND SR 500



SE CORNER AT SR 46 AND SR 500



TRAIL RAMP AT END OF RAMP XX

NOTE:
STATIONS ARE REFERENCED TO ℄ CONST. SR 46
UNLESS OTHERWISE NOTED.

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

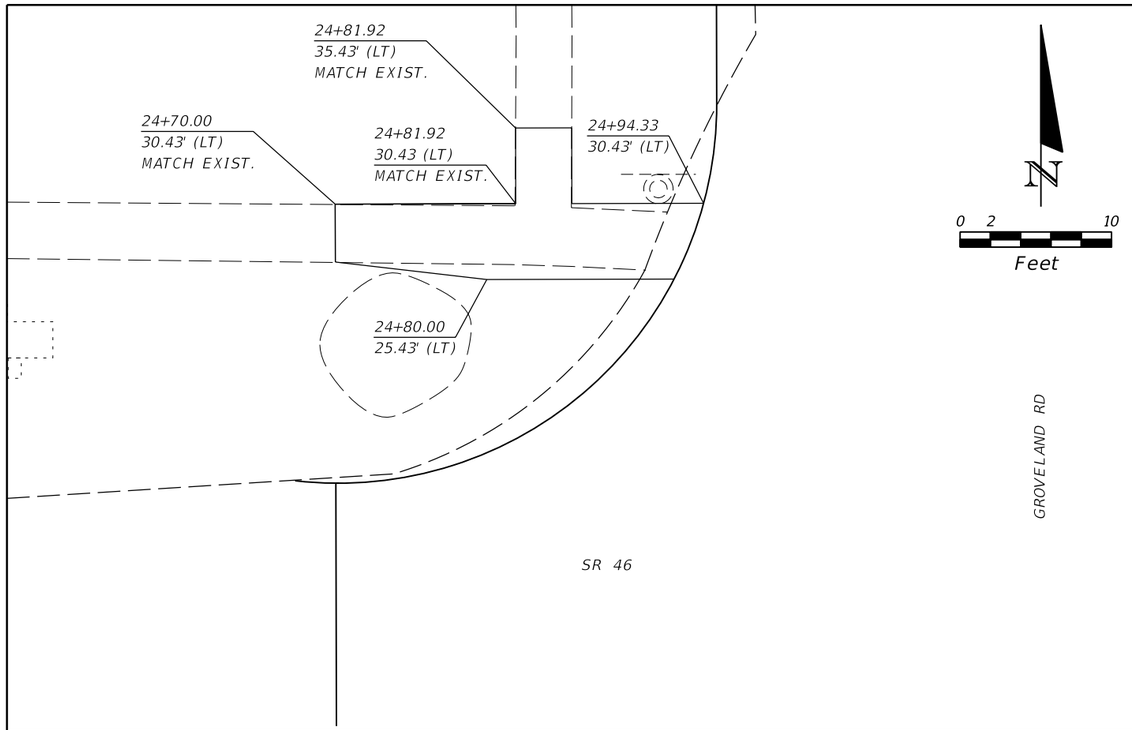
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

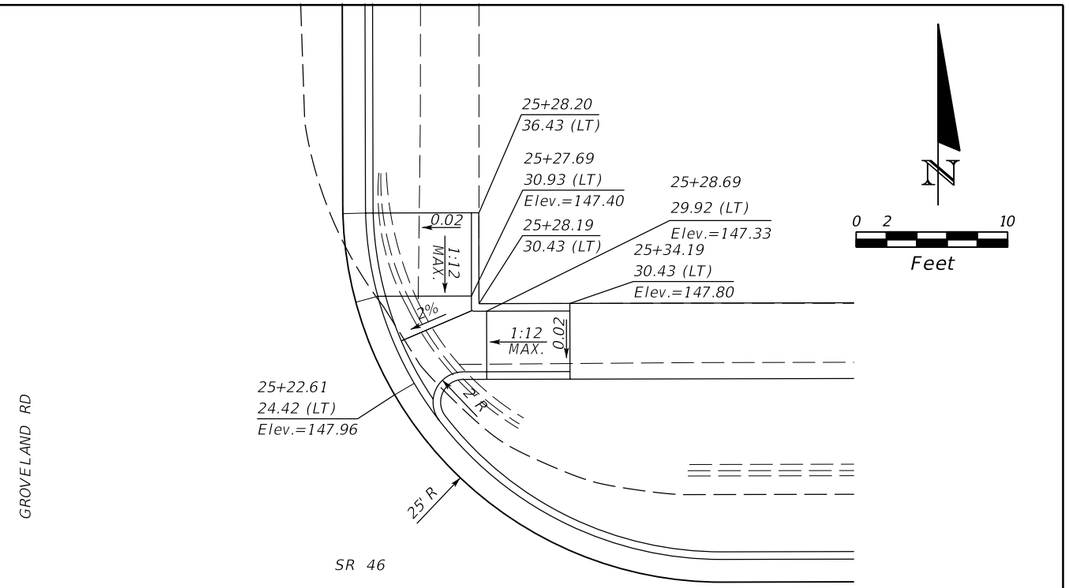
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

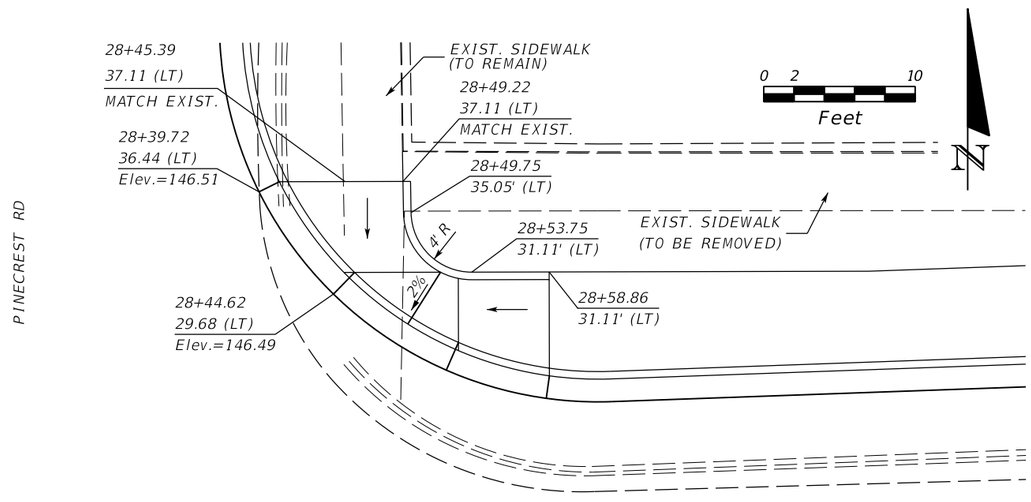
SPECIAL DETAILS

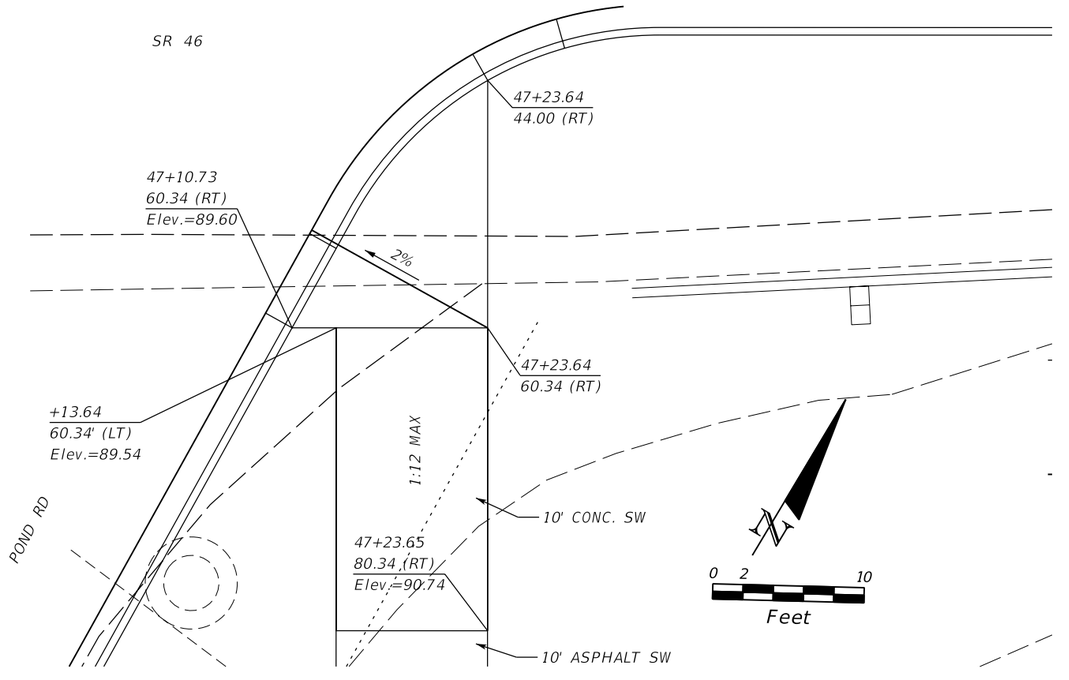
SHEET NO. 175

jcapra 3/28/2016 10:17:39 AM P:\7844-Wekiva3B\23827525201\roadway\spdtrd01.dgn









NOTE:
STATIONS ARE REFERENCED TO ℄ CONST. SR 46
UNLESS OTHERWISE NOTED.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CURB RAMP DETAILS

SHEET NO. 176

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

jcapra 3/28/2016 10:17:40 AM P:\7844-Wekiva3B\23827525201\roadway\SPDTRD06.DGN

+40.00
12.00' (RT)
ELEV.= 94.06

+45.89
12.67' (RT)

+54.41
15.35' (RT)

+47.33
24.25' (RT)

+43.05
20.69' (RT)
ELEV.= 94.09
(MATCH EXIST.)

+50.01
12.62' (RT)
ELEV.= 94.05
(MATCH EXIST.)

+28.25
28.36' (RT)
ELEV.= 93.57
(MATCH EXIST.)

+19.24
61.10' (RT)

+15.88
56.43' (RT)
ELEV.= 91.81
(MATCH EXIST.)

TCE

TCE

TCE

1:10%

1:10%

2%

5' R

+95.36
145.40' (LT)

+19.22
40.81' (RT)

+30.57
25.66' (LT)

86' R

+56.37
24.66' (LT)

+23.92
17.13' (RT)

+14.36
20.29' (RT)

+07.29
62.92' (RT)

6' R

+06.36
58.08' (RT)
ELEV.= 91.80
(MATCH EXIST.)

TCE

+49.98
11.82' (LT)
ELEV.= 93.82
(MATCH EXIST.)

BREAK LINE

TYPE D CURB

+02.86
30.54' (RT)

TYPE E CURB

2%

+20.00
12.00' (LT)
ELEV.= 92.67

25' R

+84.71
12.67' (RT)

+81.88
12.67' (RT)

+78.65
83.48' (RT)

11

+94.48
12.00' (LT)
ELEV.= 90.12

+74.00
12.90' (RT)
ELEV.= 88.29

+65.00
20.57' (LT)
ELEV.= 88.06

2%

2%

25' R

25' R

℄ VERANDA WAY

+50.34
64.00' (LT)
℄ CONST. SR 46
ELEV.= 86.35

+75.45
51.00' (LT)
℄ CONST. SR 46
ELEV.= 89.12

N 30° 54' 53" W

46

47

10

10

℄ CONST. SR 46

48

0 5 20
Feet

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

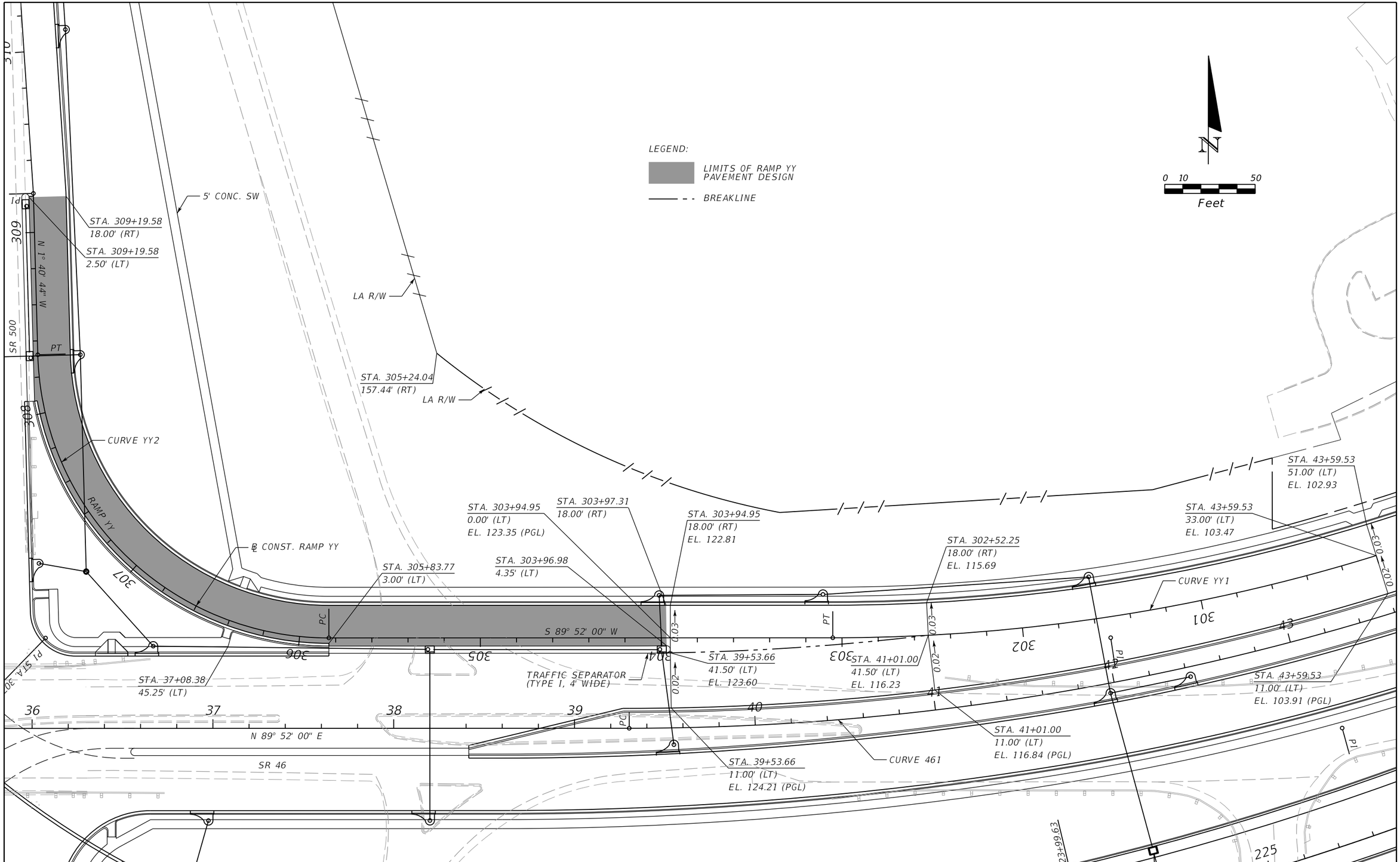
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SPECIAL DETAILS
VERANDA WAY

SHEET NO.
177

jcapra 3/28/2016 10:17:42 AM P:\7844-Wekiva3B\23827525201\roadway\spdtrd05.dgn



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

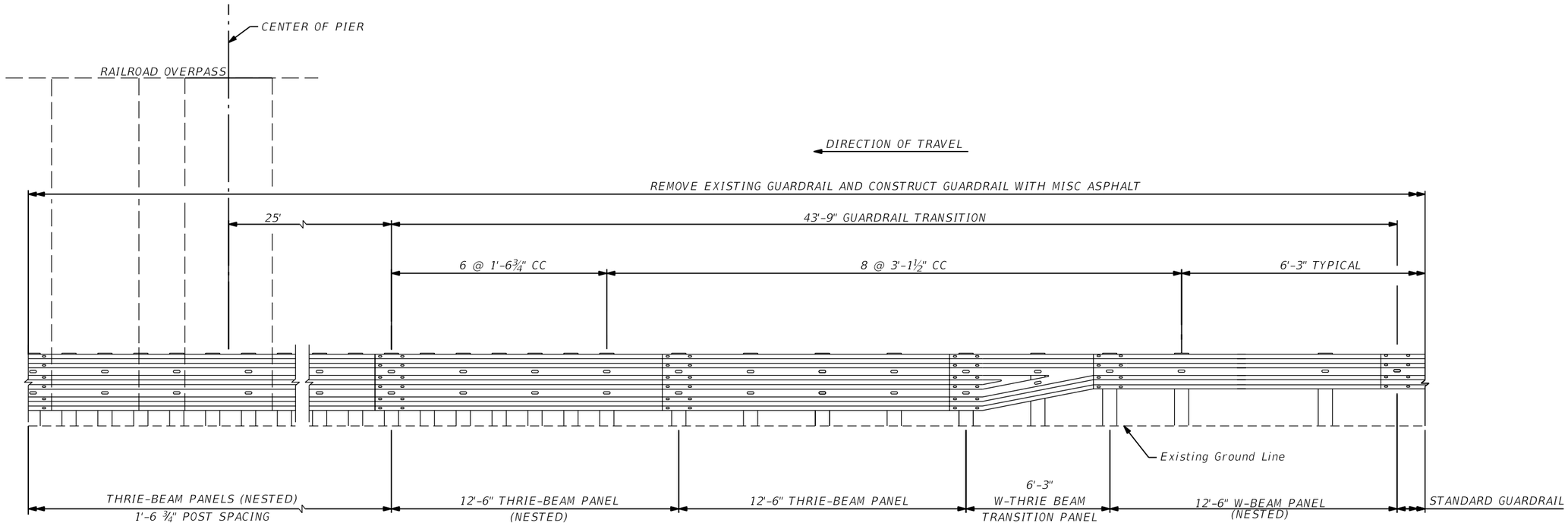
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SPECIAL DETAILS

SHEET NO.
178

jcapra 3/28/2016 10:17:43 AM P:\7844-Wekiva3B\23827525201\roadway\planrd29.dgn



RAILROAD OVERPASS PIER
GUARDRAIL DETAIL
NTS

NOTE: GUARDRAIL TRANSITION SHOWN FOR TRAFFIC APPROACHING RAILROAD OVERPASS PIERS. GUARDRAIL TRANSITION PAST PIERS SIMILAR, BUT OPPOSITE.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

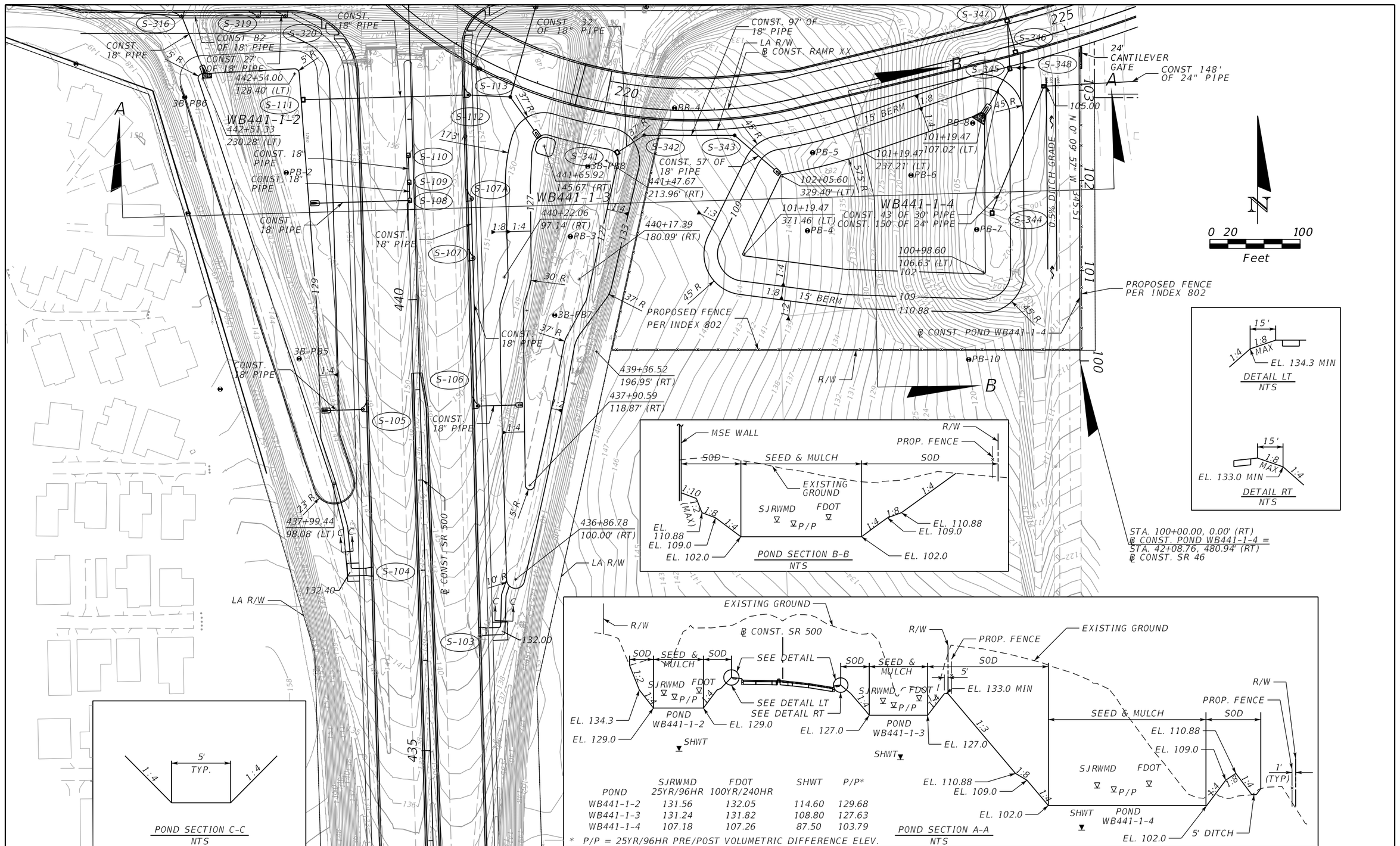
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SPECIAL DETAILS
GUARDRAIL DETAILS

SHEET NO. 179

jcapra 3/28/2016 10:17:46 AM P:\7844-Wekiva3B\23827525201\roadway\spdtrd07.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

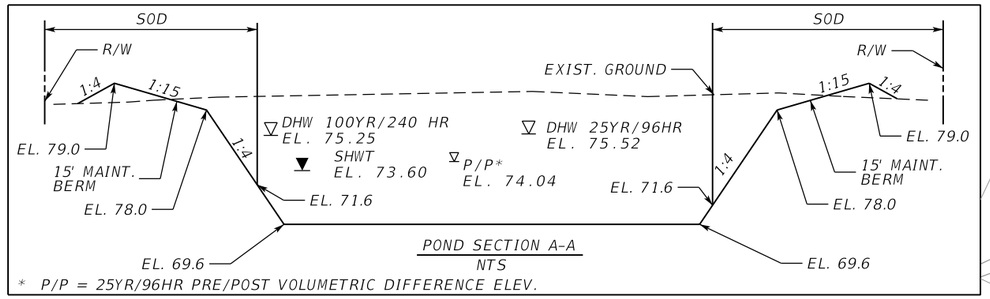
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND DETAIL
WB441-1-2, WB441-1-3, WB441-1-4

SHEET NO. 180

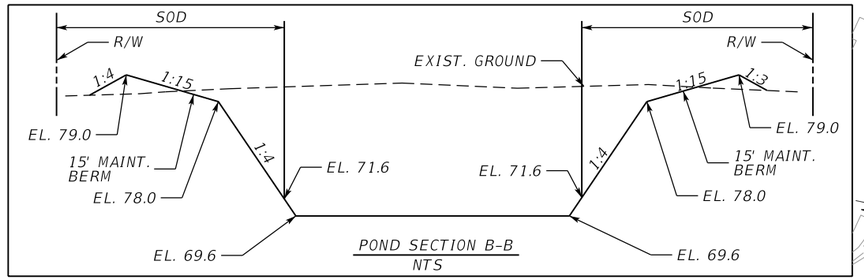
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

jcapra 3/28/2016 10:17:49 AM P:\7844-Wekiva3B\23827525201\drainage\pdplrd01.dgn

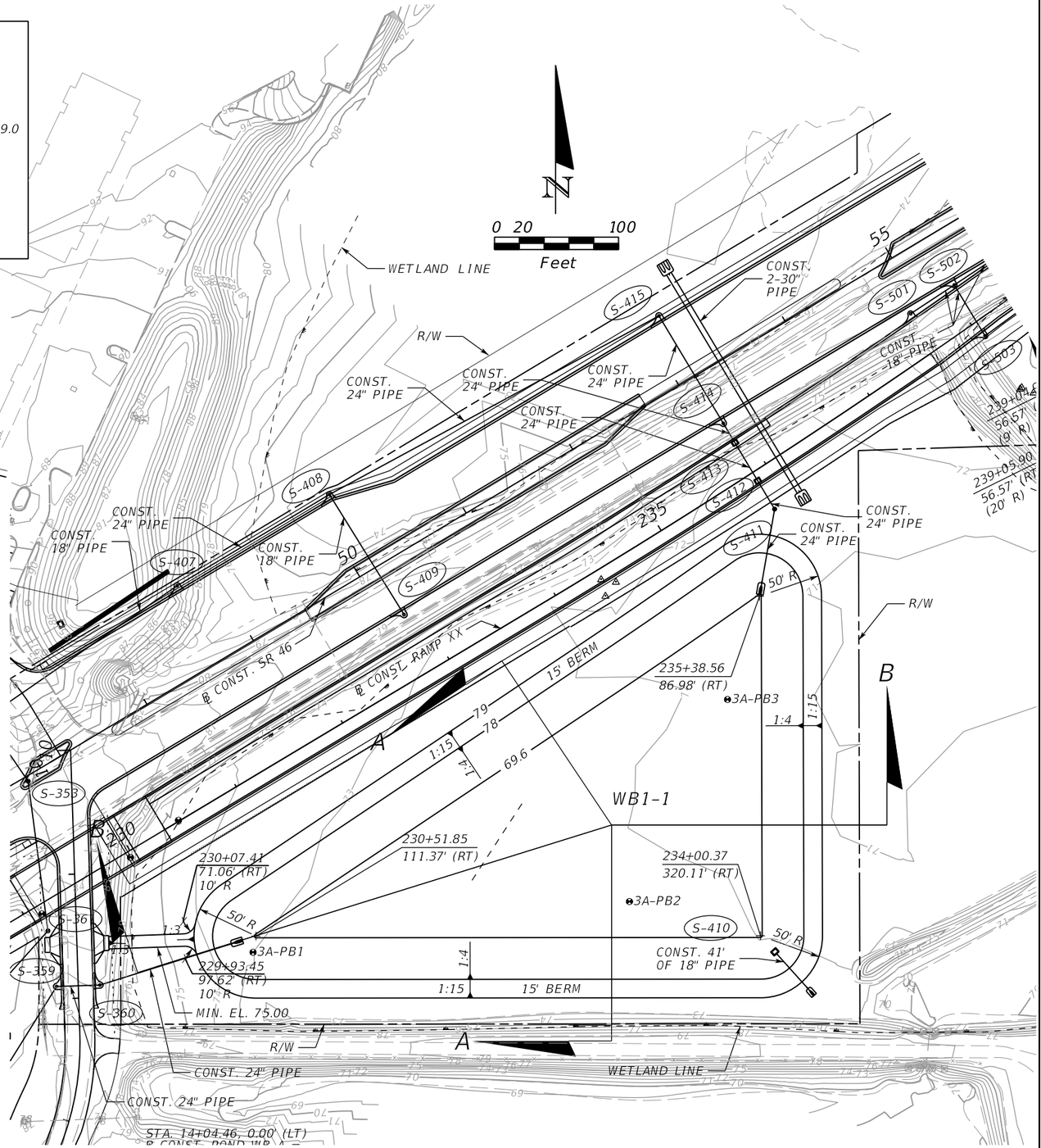


POND SECTION A-A
NTS

* P/P = 25YR/96HR PRE/POST VOLUMETRIC DIFFERENCE ELEV.



POND SECTION B-B
NTS



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

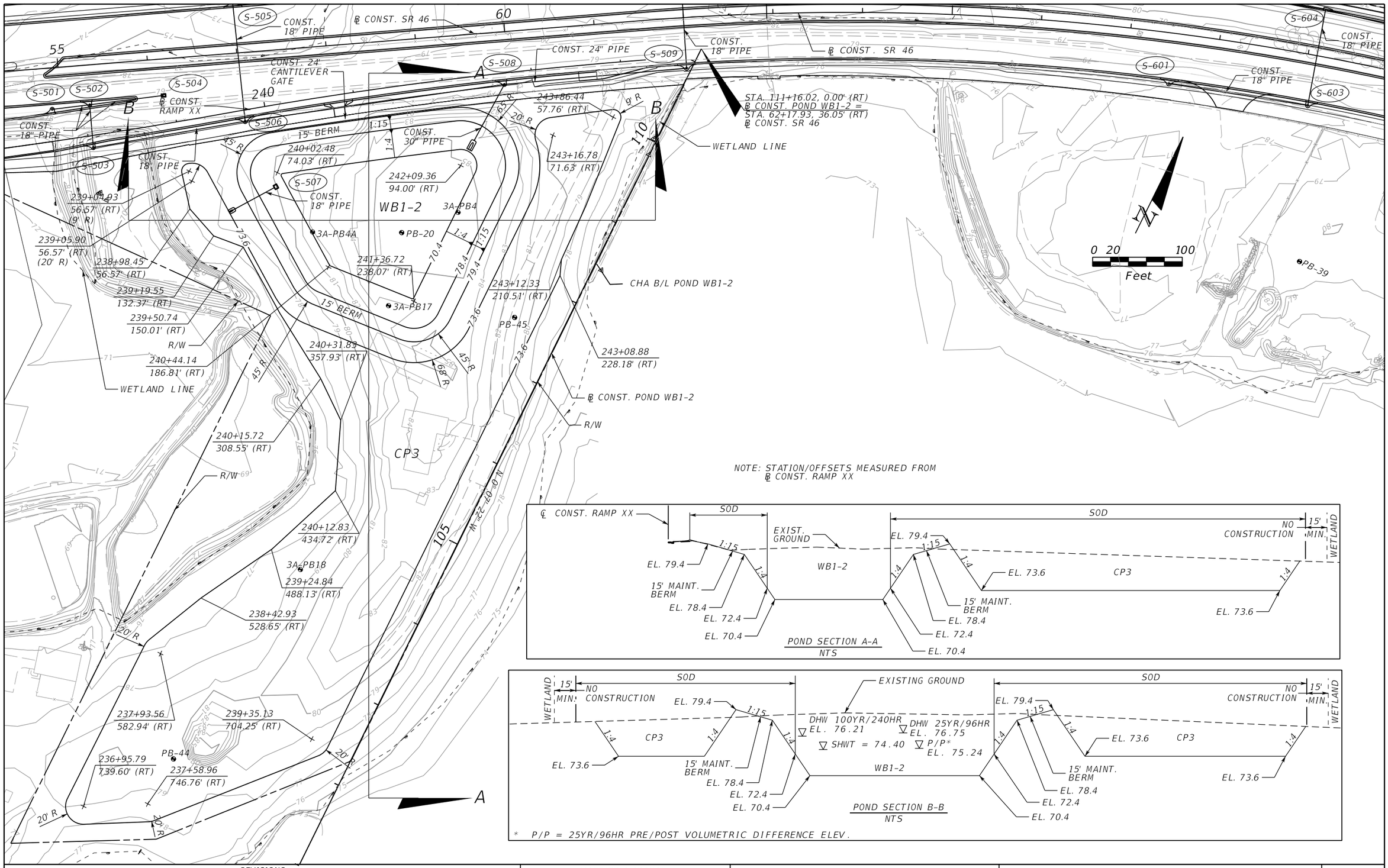
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND DETAIL
WB1-1

SHEET NO. 181

jcapra 3/28/2016 10:17:51 AM P:\7844-Wekiva3B\23827525201\drainage\pdplrd02.dgn



NOTE: STATION/OFFSETS MEASURED FROM
℄ CONST. RAMP XX

* P/P = 25YR/96HR PRE/POST VOLUMETRIC DIFFERENCE ELEV.

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

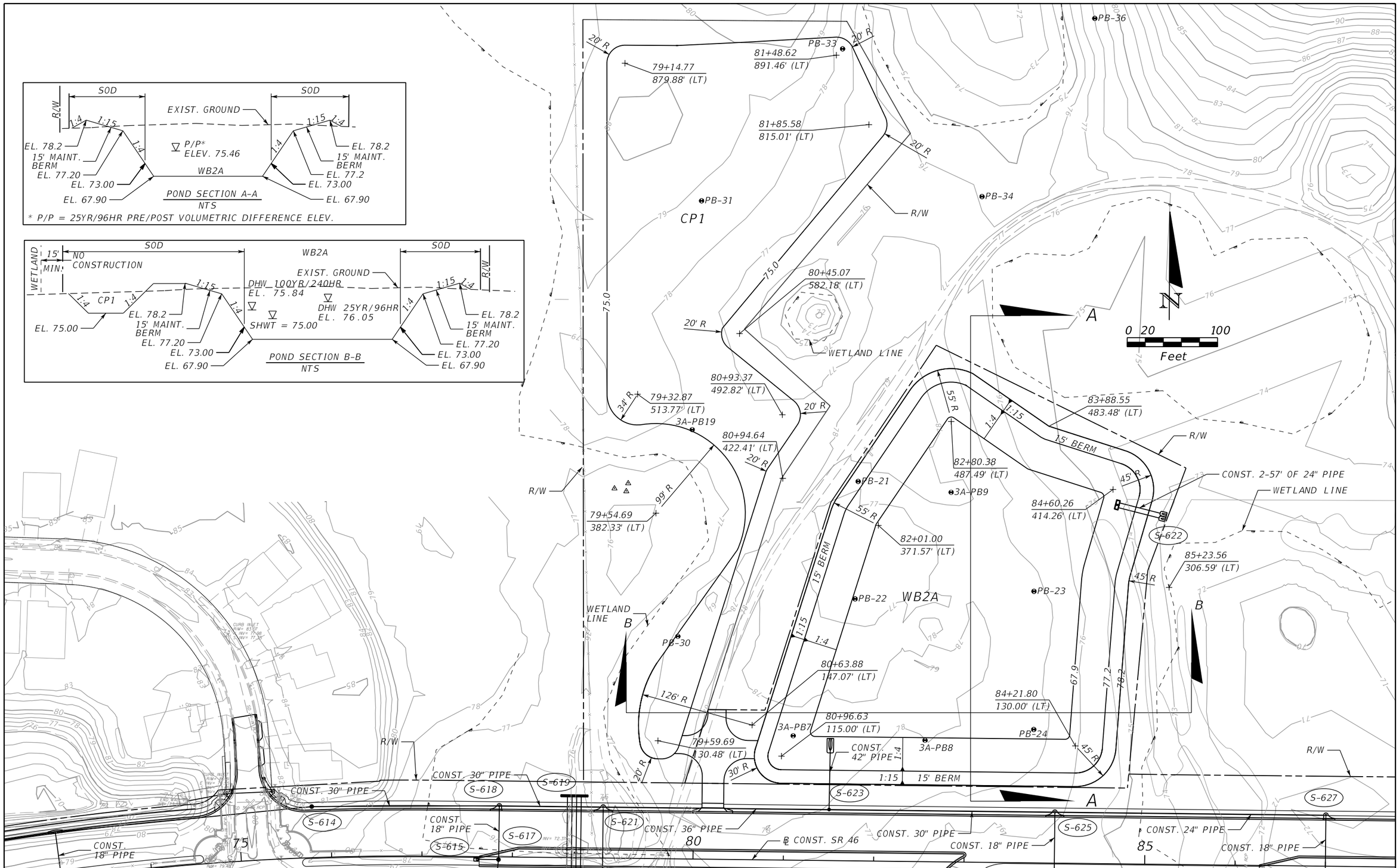
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND DETAIL
WB1-2 & CP3

SHEET NO. 182

jcapra 3/28/2016 10:17:54 AM P:\7844-Wekiva3B\23827525201\drainage\pdplrd03.dgn



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

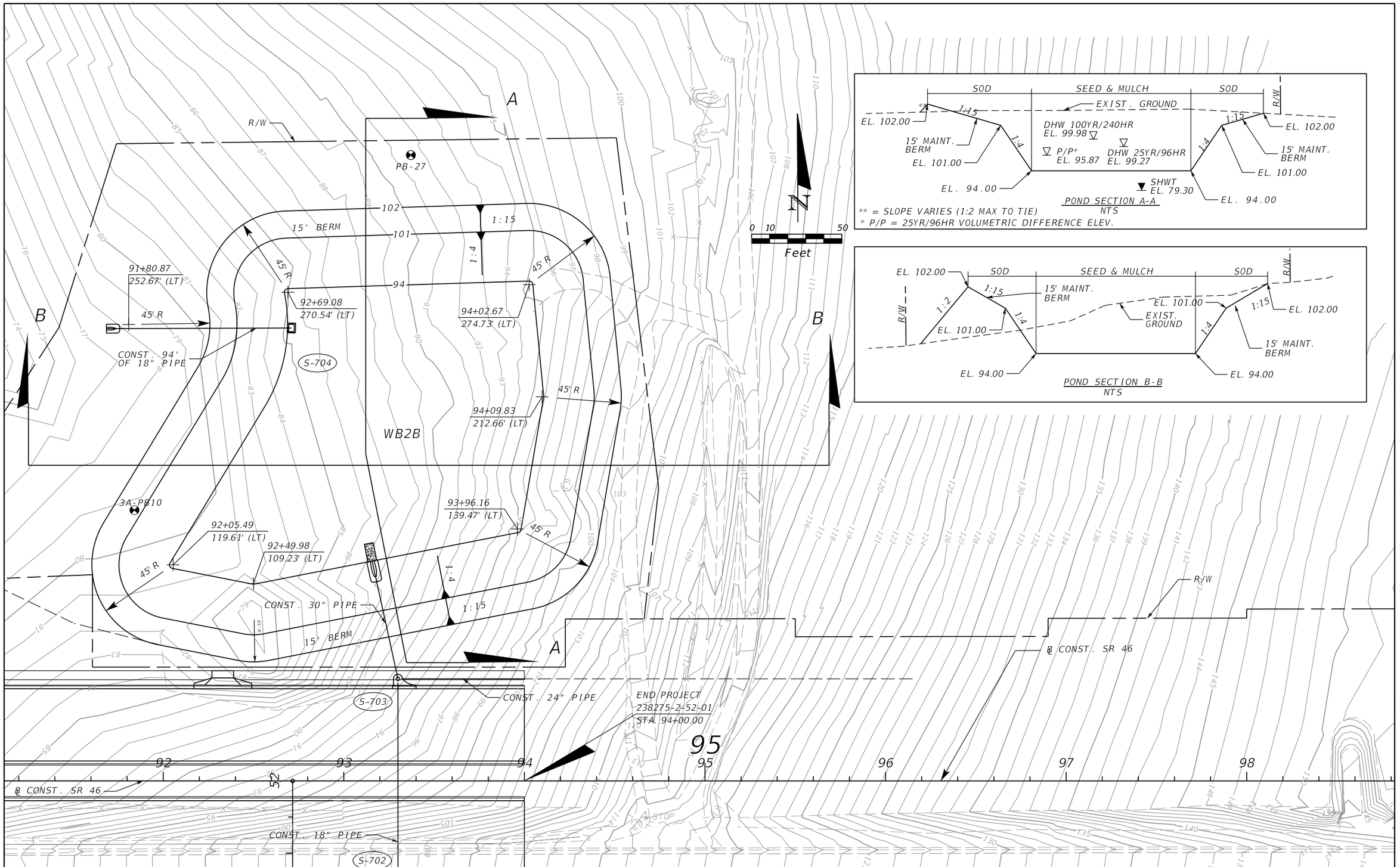
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND DETAIL
WB2A & CP1

SHEET NO. 183

jcapra 3/28/2016 10:17:56 AM P:\7844-Wekiva3B\23827525201\drainage\pdplrd04.dgn



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

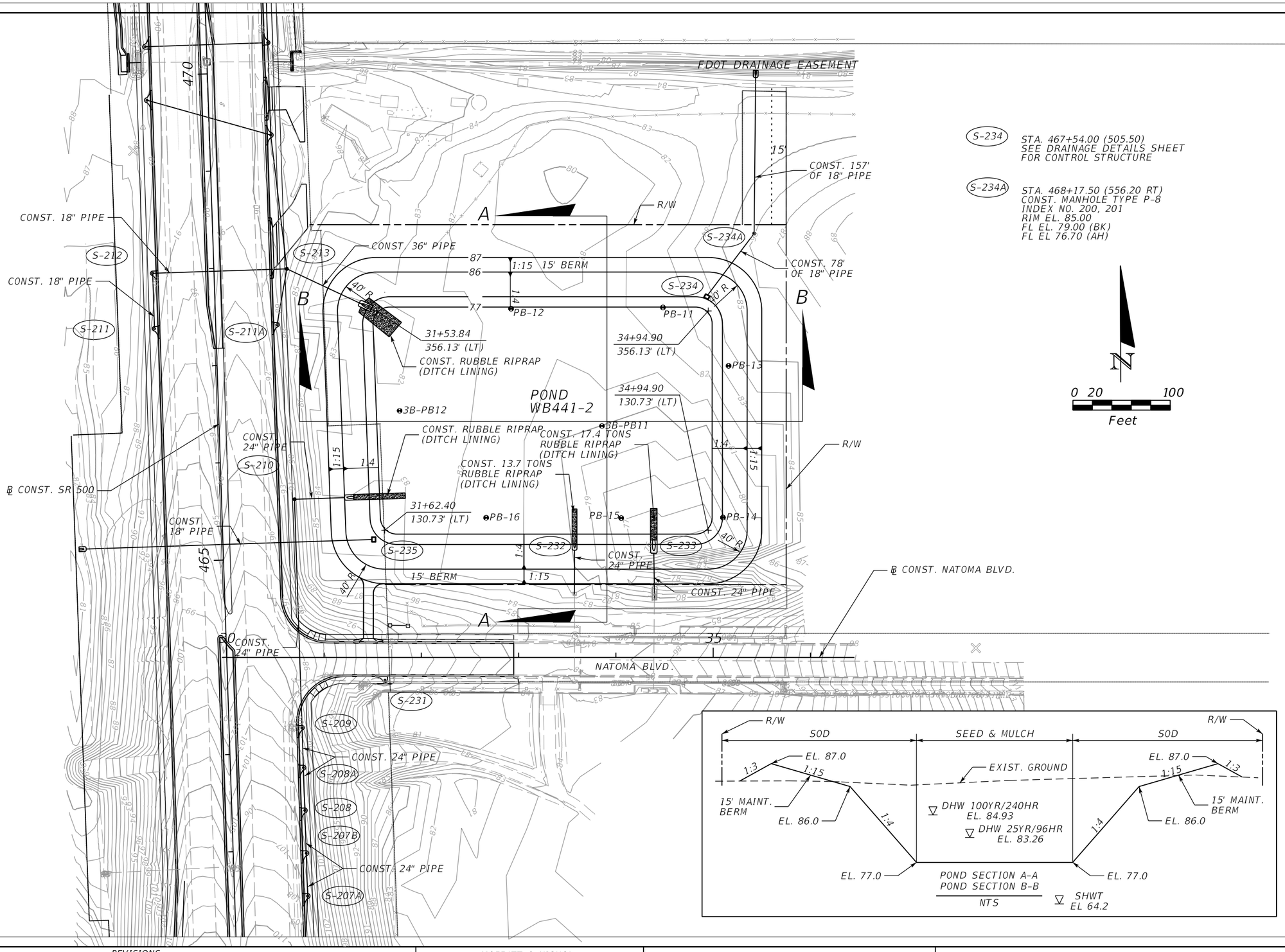
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND DETAIL
WB2B

SHEET NO. 184

jcapra 3/28/2016 10:17:58 AM P:\7844-Wekiva3B\23827525201\drainage\pdplrd05.dgn



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND DETAIL
WB441-2

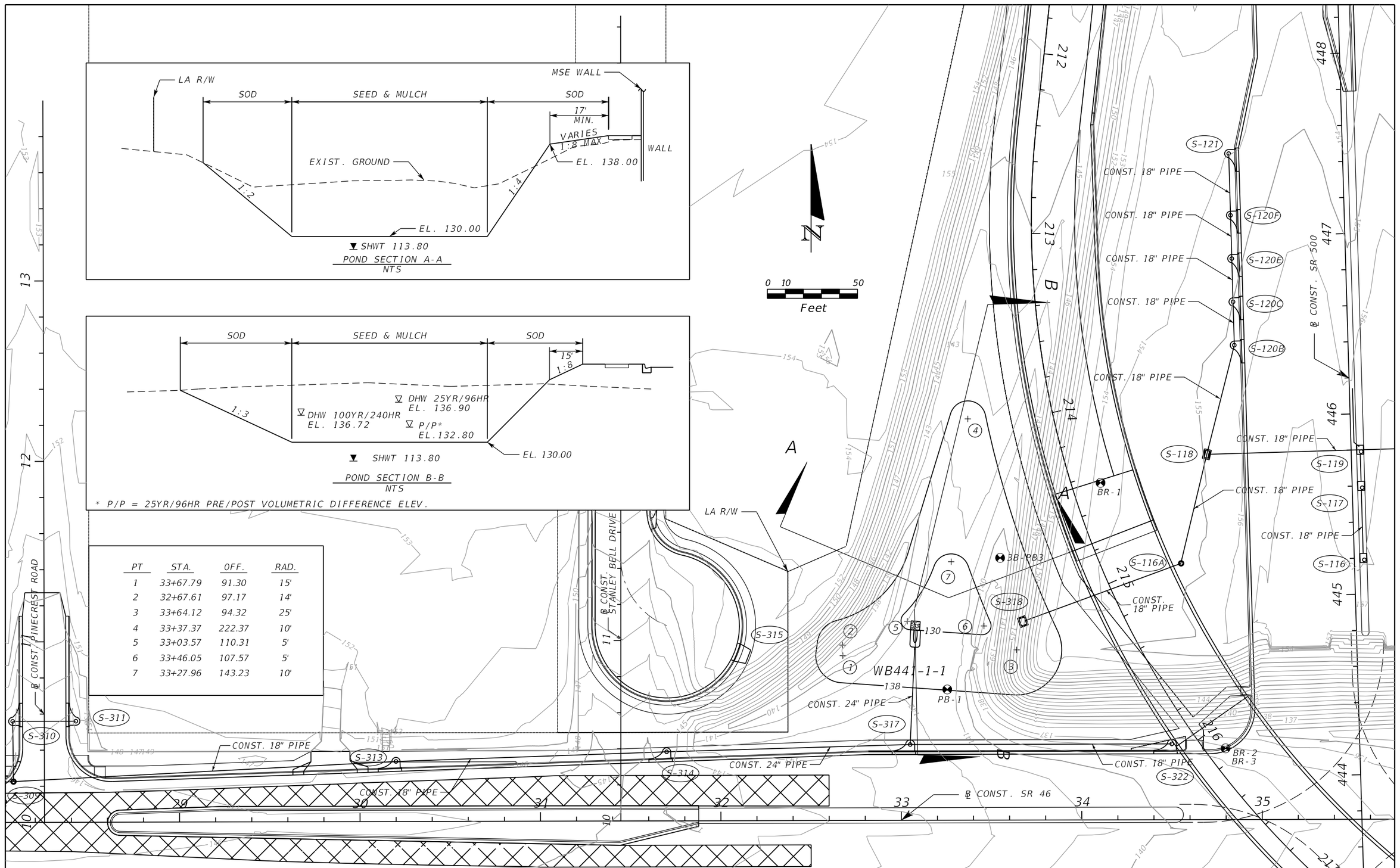
SHEET NO. 185

POND SECTION A-A
NTS

POND SECTION B-B
NTS

* P/P = 25YR/96HR PRE/POST VOLUMETRIC DIFFERENCE ELEV.

PT	STA.	OFF.	RAD.
1	33+67.79	91.30	15'
2	32+67.61	97.17	14'
3	33+64.12	94.32	25'
4	33+37.37	222.37	10'
5	33+03.57	110.31	5'
6	33+46.05	107.57	5'
7	33+27.96	143.23	10'



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

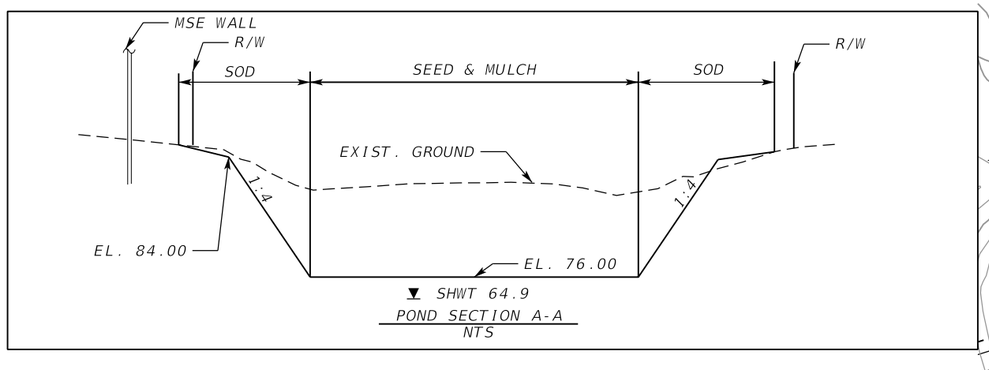
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND DETAIL
WB441-1-1

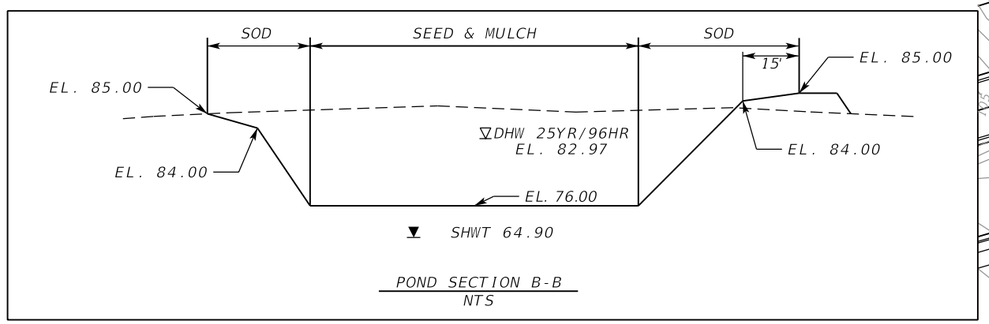
SHEET NO. 186

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

jcapra 3/28/2016 10:18:02 AM P:\7844-Wekiva3B\23827525201\drainage\pdplrd07.dgn



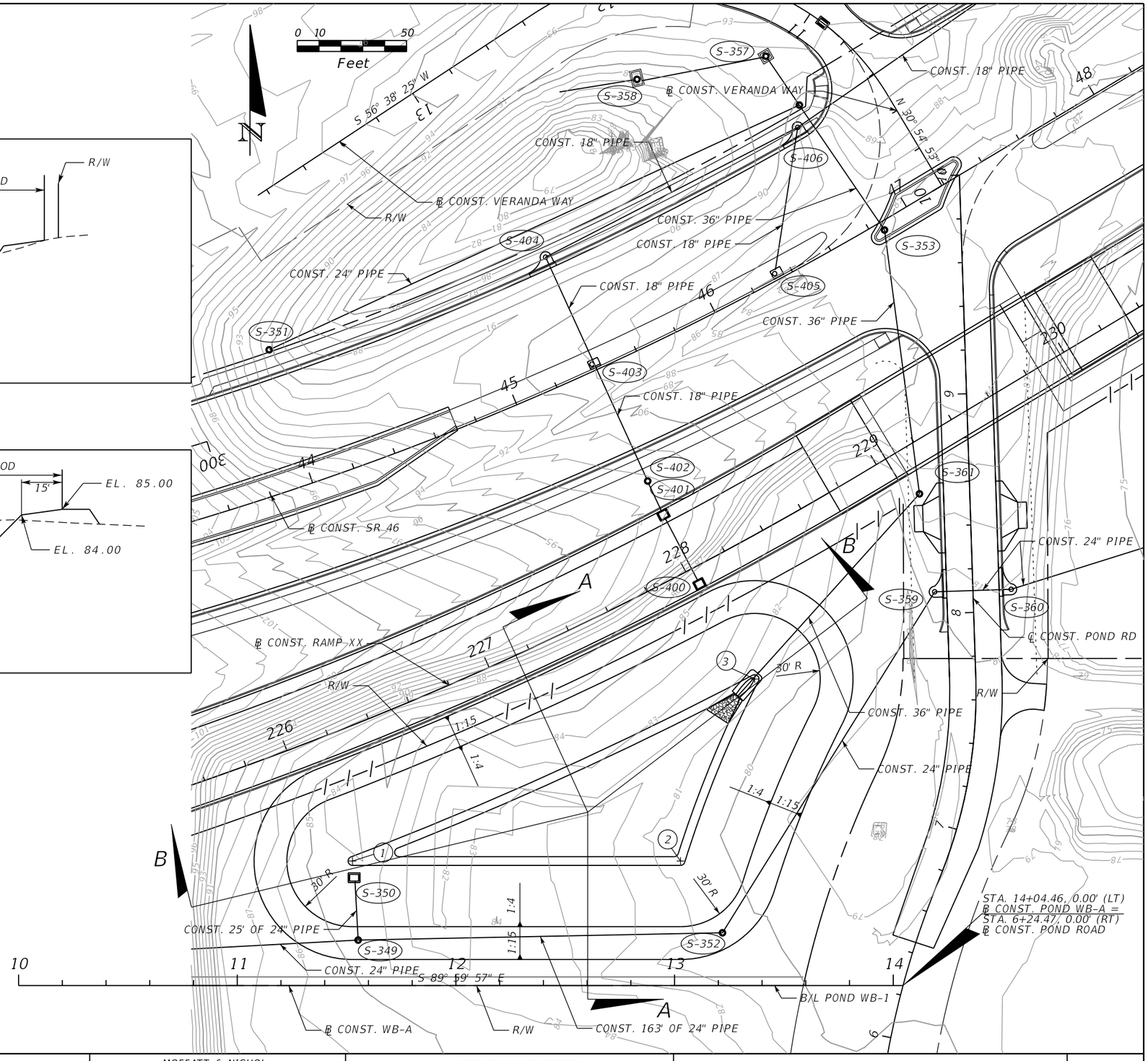
POND SECTION A-A
NTS



POND SECTION B-B
NTS

PT	STA.	OFF.	RAD.
1	11+52.69	56.90	30'
2	32+67.61	56.90	30'
3	13+36.59	140.09	30'

NOTE: STATION AND OFFSET TAKEN FROM ℄ CONST. WB-A_CHAIN



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND DETAIL
WB-A

SHEET NO. 187

jcapra 3/28/2016 10:18:05 AM P:\7844-Wekiva3B\23827525201\drainage\pdplrd08.dgn

DATE OF SURVEY: JUNE 2013
SURVEY MADE BY: D. HALL, J. BRADLEY, T. ROBINSON, R. ROBINSON
SUBMITTED BY: GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS, INC.

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION
MATERIALS AND RESEARCH

DISTRICT: 5
ROAD NO.: SR 46
COUNTY: LAKE

FINANCIAL PROJECT ID : 238275-2-52-02

PROJECT NAME: SR 46 FROM WEST OF US 441 TO VISTA VIEW LANE

CROSS SECTION SOIL SURVEY FOR THE DESIGN OF ROADS

SR 46 SURVEY BEGINS STA. : 24+76 SURVEY ENDS STA. : 94+00
US 441 SURVEY BEGINS STA. : 427+00 SURVEY ENDS STA. : 477+50
RAMP YY SURVEY BEGINS STA. : 300+00 SURVEY ENDS STA. : 312+95
RAMP XX SURVEY BEGINS STA. : 200+00 SURVEY ENDS STA. : 244+28

STATIONS REFERENCE: CENTERLINE OF SURVEY

	ORGANIC CONTENT		MOISTURE CONTENT		SIEVE ANALYSIS RESULTS PERCENT PASS (%)						ATTERBERG LIMITS (%)					CORROSION TEST RESULTS				
STRATUM NO.	NO. OF TESTS	% ORGANIC	NO. OF TESTS	MOISTURE CONTENT	NO. OF TESTS	10 MESH	40 MESH	60 MESH	100 MESH	200 MESH	NO. OF TESTS	LIQUID LIMIT	PLASTIC INDEX	AASHTO GROUP	DESCRIPTION	NO. OF TESTS	RESISTIVITY ohm-cm	CHLORIDE ppm	SULFATES ppm	pH
1	6	2-4	6	6-19	59	100	52-94	32-81	12-51	1-10	0	-	-	A-3	LIGHT BROWN TO DARK BROWN TO ORANGE FINE SAND TO FINE SAND WITH SILT, OCCASIONAL TRACE TO SOME LIMEROCK AND TRACE ORGANIC MATERIAL	11	5,100-87,000	45	10-45	5.9-6.7
2	2	4	3	15-20	47	96-100	60-99	45-94	20-88	11-35	1	23	5	A-2-4	LIGHT BROWN TO DARK BROWN TO ORANGE FINE SAND WITH SILT TO SILTY FINE SAND, OCCASIONAL TRACE ORGANIC MATERIAL	7	3,300-26,000	30-60	20-276	5.3-6.7
3	0	-	5	11-22	5	100	97-99	87-94	66-85	30-63	5	24-40	11-28	A-6, A-2-6	LIGHT BROWN TO BROWN TO LIGHT GRAY CLAYEY FINE SAND	0	-	-	-	-
4	25	5-66	25	15-511	25	100	82-100	60-97	32-93	11-92	0	-	-	A-8	BROWN TO DARK BROWN MUCKY FINE SAND TO SANDY MUCK TO MUCK, OCCASIONAL TRACE TO SOME ROOTS	1	3,200	45	83	6.3
5	0	-	0	-	0	-	-	-	-	-	0	-	-	A-3, A-2-4	BROWN TO DARK BROWN CEMENTED FINE SAND WITH SILT TO SILTY FINE SAND (HARDPAN)	-	-	-	-	-

NOTES

1. STRATA BOUNDARIES ARE APPROXIMATE AND REPRESENT SOIL STRATA AT EACH BORING LOCATION ONLY. ANY STRATUM CONNECTING LINES THAT ARE SHOWN ARE FOR ESTIMATING EARTHWORK ONLY AND DO NOT INDICATE ACTUAL STRATUM LIMITS. SUBSURFACE VARIATIONS BETWEEN BORINGS SHOULD BE ANTICIPATED.
2. WATER TABLE SHOWN AS ▼ WHERE ENCOUNTERED AT TIME OF SURVEY. GROUNDWATER NOT ENCOUNTERED SHOWN AS "GNE". ESTIMATED SEASONAL HIGH GROUNDWATER SHOWN AS ▽ . ESTIMATED SEASONAL HIGH GROUNDWATER LEVEL ABOVE GROUND SURFACE SHOWN AS ▽ AGS .
3. REMOVAL OF MUCK AND PLASTIC MATERIAL OCCURRING WITHIN ROADWAY SHALL BE ACCOMPLISHED IN ACCORDANCE WITH INDEX NO. 500 OF THE FDOT DESIGN STANDARDS UNLESS OTHERWISE SHOWN ON PLANS. THE MATERIAL USED IN EMBANKMENT CONSTRUCTION SHALL BE IN ACCORDANCE WITH INDEX NO. 505 OF THE FDOT DESIGN STANDARDS.
4. SOIL TEST RESULTS INCLUDES DATA FROM ROADWAY AND POND BORINGS.
5. THE SYMBOL "-" REPRESENTS AN UNMEASURED PARAMETER.
6. THE SYMBOL "NP" REPRESENTS NON-PLASTIC.
7. STRATA 1 AND 2 SHALL BE TREATED AS SELECT (S) MATERIAL.
8. STRATA 2 AND 5 MAY RETAIN EXCESS MOISTURE AND MAY BE DIFFICULT TO DRY AND COMPACT.
9. STRATUM 3 SHALL BE TREATED AS PLASTIC (P) MATERIAL.
10. STRATUM 4 SHALL BE TREATED AS MUCK (M).
11. STRATUM 5 MAY BE DIFFICULT TO DEWATER, EXCAVATE AND/OR PENETRATE AND MAY REQUIRE SPECIAL EQUIPMENT AND/OR PROCEDURES TO FACILITATE DEWATERING, EXCAVATION AND/OR PENETRATION. STRATUM 5 CAN BE TREATED AS SELECT (S) MATERIAL BUT MAY NEED TO BE PULVERIZED PRIOR TO USE AS FILL.
12. LAYERS OF VERY HARD MATERIAL SUCH AS HARDPAN, CEMENTED SAND, ETC. MAY BE ENCOUNTERED IN VARIOUS AREAS OF THE PROJECT. SUCH MATERIALS WILL BE DIFFICULT TO EXCAVATE OR PENETRATE. THE CONTRACTOR SHALL EXPECT TO ENCOUNTER THESE VERY HARD MATERIALS IN ALL EXCAVATIONS AND SHALL USE SPECIALIZED EQUIPMENT AND/OR PROCEDURES AS NECESSARY TO FACILITATE EXCAVATIONS OR PENETRATIONS.
13. ROADWAY SPT BORINGS ARE DEPICTED ON CROSS SECTIONS IN PROJECT PLANS BUT HAVE BEEN TRUNCATED TO A MAXIMUM DEPTH OF 50 FEET. FOR DETAILED RESULTS OF SPT BORINGS, SEE THE ROADWAY SPT BORING RESULTS SHEETS.

FIGURE 2

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS, INC. (GEC)
919 Lake Baldwin Lane
Orlando, FL. 32814
T 407-898-1818 F 407-898-1837
Certificate of Authorization No. 5882
CRAIG G. BALLOCK PE NO. 71571

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-02

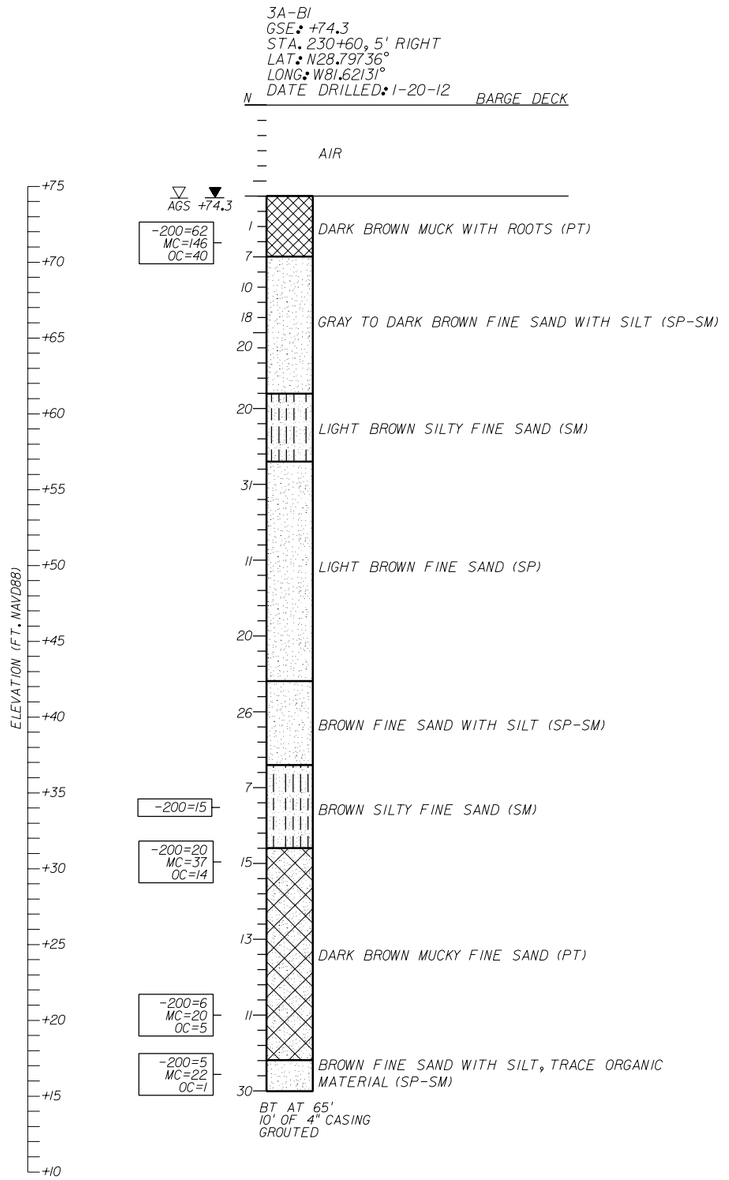
ROADWAY SOIL SURVEY

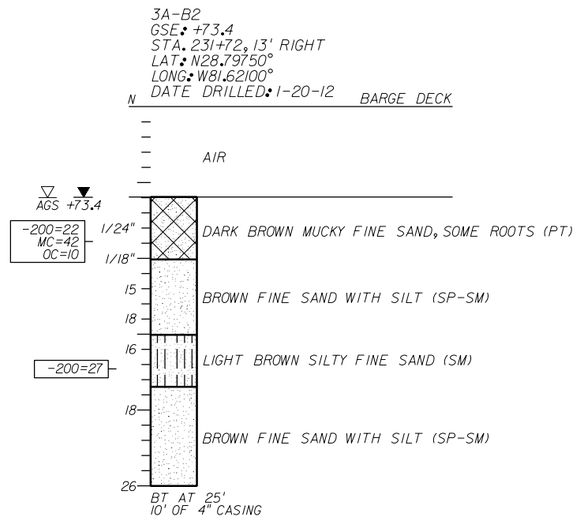
SHEET NO. 188

jcapra 3/28/2016 10:18:07 AM P:\7844-Wekiva3B\23827525201\geotech\rdssgeo01.dgn

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SR 46 / RAMP XX





LEGEND

AGS ESTIMATED SEASONAL HIGH GROUNDWATER LEVEL ABOVE EXISTING GROUND SURFACE

+74.3 ENCOUNTERED GROUNDWATER ELEVATION (FT. NAVD88) 24 HRS. AFTER DRILLING BORING

GSE GROUND SURFACE ELEVATION (FT. NAVD88)

N STANDARD PENETRATION RESISTANCE, BLOWS PER FOOT

1/24" NUMBER OF BLOWS FOR 24 INCHES OF PENETRATION

(SP) UNIFIED SOIL CLASSIFICATION SYMBOL

BT BORING TERMINATED AT SPECIFIED DEPTH (FEET) INDICATED

-200= PERCENT PASSING NO. 200 U.S. STANDARD SIEVE (FM 1-T 088)

MC= PERCENT NATURAL MOISTURE CONTENT (FM 1-T 265)

OC= PERCENT ORGANIC CONTENT (FM 1-T 267)

SOILS LEGEND

SAND

SAND AND MUCK

SAND AND SILT

MUCK

GENERAL NOTES

STANDARD PENETRATION TEST BORINGS WERE PERFORMED IN ACCORDANCE WITH ASTM D-1586. STANDARD PENETRATION RESISTANCES ARE SHOWN ON THE BORINGS AT THE TEST DEPTHS IN BLOWS PER FOOT UNLESS OTHERWISE NOTED.

SUBSURFACE CONDITIONS SHOWN ON THE BORINGS REPRESENT THE CONDITIONS ENCOUNTERED AT THE BORING LOCATIONS. ACTUAL CONDITIONS BETWEEN BORINGS MAY VARY FROM THOSE SHOWN. UNIFIED SOIL CLASSIFICATIONS SHOWN ON THE BORINGS ARE BASED ON VISUAL EXAMINATION AND THE LABORATORY TESTING SHOWN.

THE BORING LOCATIONS WERE SURVEYED BY McKIM & CREED FOR VERTICAL AND HORIZONTAL CONTROL. BORING LOCATION 3A-B9 REFERENCES THE SR 46 CENTERLINE AND BORING LOCATIONS 3A-B3 AND 3A-B4 REFERENCE THE RAMP XX CENTERLINE.

SPLIT SPOON SAMPLER:
INSIDE DIAMETER: 1.375 IN.
OUTSIDE DIAMETER: 2.0 IN.

AVERAGE HAMMER DROP: 30 IN.
HAMMER WEIGHT: 140 LBS.
HAMMER TYPE: SAFETY (MANUAL)

CORRELATION OF STANDARD PENETRATION RESISTANCE WITH RELATIVE DENSITY AND CONSISTENCY OF SOIL

GRANULAR SOILS	N VALUE (blows per foot)	RELATIVE DENSITY
SANDS	0-4 4-10 10-30 30-50 OVER 50	VERY LOOSE LOOSE MEDIUM DENSE DENSE VERY DENSE
NON-GRANULAR SOILS	N VALUE (blows per foot)	CONSISTENCY
SILTS, CLAYS, MUCK, PEAT	0-2 2-4 4-8 8-15 15-30 OVER 30	VERY SOFT SOFT FIRM STIFF VERY STIFF HARD

SECTION: 33
TOWNSHIP: 19 SOUTH
RANGE: 27 EAST

FIGURE 14

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS, INC. (GEC)
919 Lake Baldwin Lane
Orlando, FL. 32814
T 407-898-1818 F 407-898-1837
Certificate of Authorization No. 5882
CRAIG G. BALLOCK PE NO. 71571

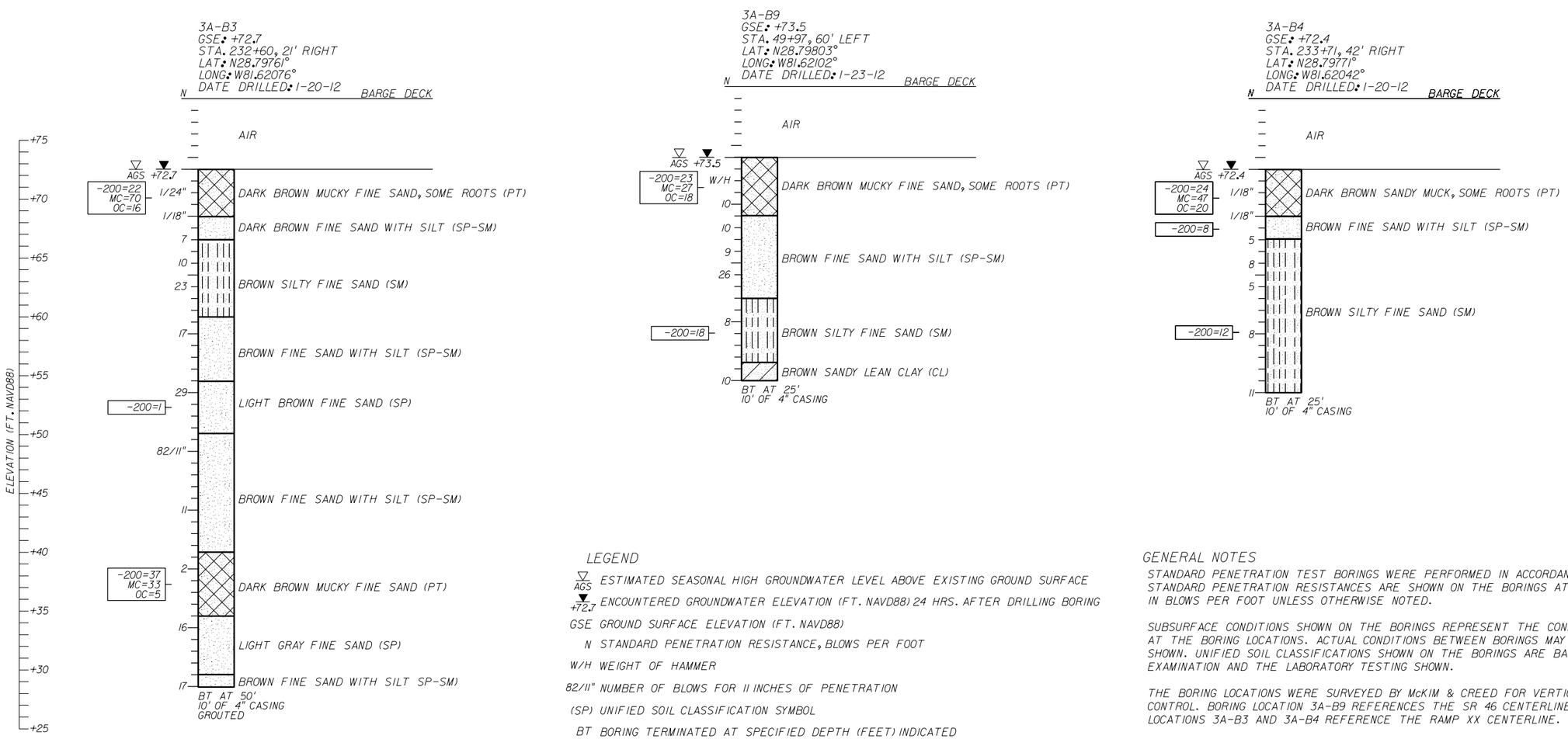
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-02

ROADWAY SPT BORING RESULTS

SHEET NO. 189

SR 46 / RAMP XX



LEGEND

AGS ESTIMATED SEASONAL HIGH GROUNDWATER LEVEL ABOVE EXISTING GROUND SURFACE

+72.7 ENCOUNTERED GROUNDWATER ELEVATION (FT. NAVD88) 24 HRS. AFTER DRILLING BORING

GSE GROUND SURFACE ELEVATION (FT. NAVD88)

N STANDARD PENETRATION RESISTANCE, BLOWS PER FOOT

W/H WEIGHT OF HAMMER

82/11" NUMBER OF BLOWS FOR 11 INCHES OF PENETRATION

(SP) UNIFIED SOIL CLASSIFICATION SYMBOL

BT BORING TERMINATED AT SPECIFIED DEPTH (FEET) INDICATED

-200= PERCENT PASSING NO. 200 U.S. STANDARD SIEVE (FM 1-T 088)

MC= PERCENT NATURAL MOISTURE CONTENT (FM 1-T 265)

OC= PERCENT ORGANIC CONTENT (FM 1-T 267)

SOILS LEGEND

SAND

SAND AND MUCK

SAND AND SILT

SAND AND CLAY

SECTION: 33
TOWNSHIP: 19 SOUTH
RANGE: 27 EAST

GENERAL NOTES

STANDARD PENETRATION TEST BORINGS WERE PERFORMED IN ACCORDANCE WITH ASTM D-1586. STANDARD PENETRATION RESISTANCES ARE SHOWN ON THE BORINGS AT THE TEST DEPTHS IN BLOWS PER FOOT UNLESS OTHERWISE NOTED.

SUBSURFACE CONDITIONS SHOWN ON THE BORINGS REPRESENT THE CONDITIONS ENCOUNTERED AT THE BORING LOCATIONS. ACTUAL CONDITIONS BETWEEN BORINGS MAY VARY FROM THOSE SHOWN. UNIFIED SOIL CLASSIFICATIONS SHOWN ON THE BORINGS ARE BASED ON VISUAL EXAMINATION AND THE LABORATORY TESTING SHOWN.

THE BORING LOCATIONS WERE SURVEYED BY McKIM & CREED FOR VERTICAL AND HORIZONTAL CONTROL. BORING LOCATION 3A-B9 REFERENCES THE SR 46 CENTERLINE AND BORING LOCATIONS 3A-B3 AND 3A-B4 REFERENCE THE RAMP XX CENTERLINE.

SPLIT SPOON SAMPLER:
INSIDE DIAMETER: 1.375 IN.
OUTSIDE DIAMETER: 2.0 IN.

AVERAGE HAMMER DROP: 30 IN.
HAMMER WEIGHT: 140 LBS.
HAMMER TYPE: SAFETY (MANUAL)

CORRELATION OF STANDARD PENETRATION RESISTANCE WITH RELATIVE DENSITY AND CONSISTENCY OF SOIL

GRANULAR SOILS	N VALUE (blows per foot)	RELATIVE DENSITY
SANDS	0-4 4-10 10-30 30-50 OVER 50	VERY LOOSE LOOSE MEDIUM DENSE DENSE VERY DENSE
NON-GRANULAR SOILS	N VALUE (blows per foot)	CONSISTENCY
SILTS, CLAYS, MUCK, PEAT	0-2 2-4 4-8 8-15 15-30 OVER 30	VERY SOFT SOFT FIRM STIFF VERY STIFF HARD

FIGURE 15

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS, INC. (GEC)
919 Lake Baldwin Lane
Orlando, FL. 32814
T 407-898-1818 F 407-898-1837
Certificate of Authorization No. 5882
CRAIG G. BALLOCK PE NO. 71571

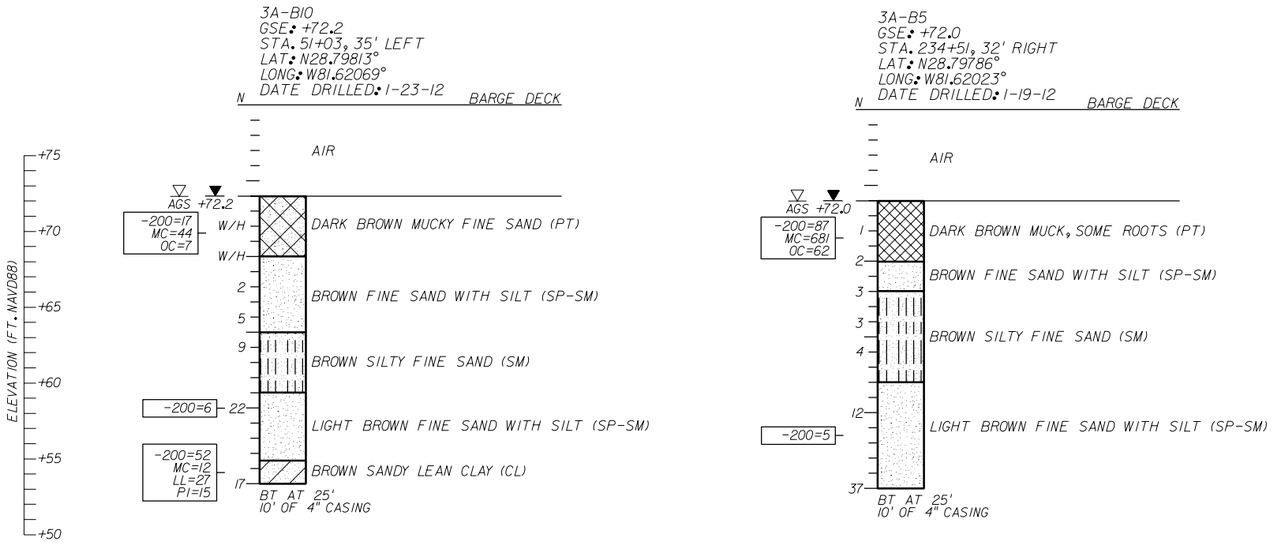
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-02

ROADWAY SPT BORING RESULTS

SHEET NO. 190

SR 46 / RAMP XX



LEGEND

AGS ESTIMATED SEASONAL HIGH GROUNDWATER LEVEL ABOVE EXISTING GROUND SURFACE

+72.2 ENCOUNTERED GROUNDWATER ELEVATION (FT. NAVD88) 24 HRS. AFTER DRILLING BORING

GSE GROUND SURFACE ELEVATION (FT. NAVD88)

N STANDARD PENETRATION RESISTANCE, BLOWS PER FOOT

W/H WEIGHT OF HAMMER

(SP) UNIFIED SOIL CLASSIFICATION SYMBOL

BT BORING TERMINATED AT SPECIFIED DEPTH (FEET) INDICATED

-200= PERCENT PASSING NO. 200 U.S. STANDARD SIEVE (FM 1-T 088)

MC= PERCENT NATURAL MOISTURE CONTENT (FM 1-T 265)

LL= LIQUID LIMIT (FM 1-T 089)

PI= PLASTICITY INDEX (FM 1-T 290)

OC= PERCENT ORGANIC CONTENT (FM 1-T 267)

SOILS LEGEND

SAND

SAND AND MUCK

SAND AND CLAY

SAND AND SILT

MUCK

GENERAL NOTES

STANDARD PENETRATION TEST BORINGS WERE PERFORMED IN ACCORDANCE WITH ASTM D-1586. STANDARD PENETRATION RESISTANCES ARE SHOWN ON THE BORINGS AT THE TEST DEPTHS IN BLOWS PER FOOT UNLESS OTHERWISE NOTED.

SUBSURFACE CONDITIONS SHOWN ON THE BORINGS REPRESENT THE CONDITIONS ENCOUNTERED AT THE BORING LOCATIONS. ACTUAL CONDITIONS BETWEEN BORINGS MAY VARY FROM THOSE SHOWN. UNIFIED SOIL CLASSIFICATIONS SHOWN ON THE BORINGS ARE BASED ON VISUAL EXAMINATION AND THE LABORATORY TESTING SHOWN.

THE BORING LOCATIONS WERE SURVEYED BY McKIM & CREED FOR VERTICAL AND HORIZONTAL CONTROL. BORING LOCATION 3A-B10 REFERENCES THE SR 46 CENTERLINE AND BORING LOCATION 3A-B5 REFERENCES THE RAMP XX CENTERLINE.

SPLIT SPOON SAMPLER:
INSIDE DIAMETER: 1.375 IN.
OUTSIDE DIAMETER: 2.0 IN.

AVERAGE HAMMER DROP: 30 IN.
HAMMER WEIGHT: 140 LBS.
HAMMER TYPE: SAFETY (MANUAL)

CORRELATION OF STANDARD PENETRATION RESISTANCE WITH RELATIVE DENSITY AND CONSISTENCY OF SOIL

GRANULAR SOILS	N VALUE (blows per foot)	RELATIVE DENSITY
SANDS	0-4	VERY LOOSE
	4-10	LOOSE
	10-30	MEDIUM DENSE
	30-50	DENSE
	OVER 50	VERY DENSE
NON-GRANULAR SOILS	N VALUE (blows per foot)	CONSISTENCY
SILTS, CLAYS, MUCK, PEAT	0-2	VERY SOFT
	2-4	SOFT
	4-8	FIRM
	8-15	STIFF
	15-30	VERY STIFF
	OVER 30	HARD

SECTION: 33
TOWNSHIP: 19 SOUTH
RANGE: 27 EAST

FIGURE 16

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS, INC. (GEC)
919 Lake Baldwin Lane
Orlando, FL. 32814
T 407-898-1818 F 407-898-1837
Certificate of Authorization No. 5882
CRAIG G. BALLOCK PE NO. 71571

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-02

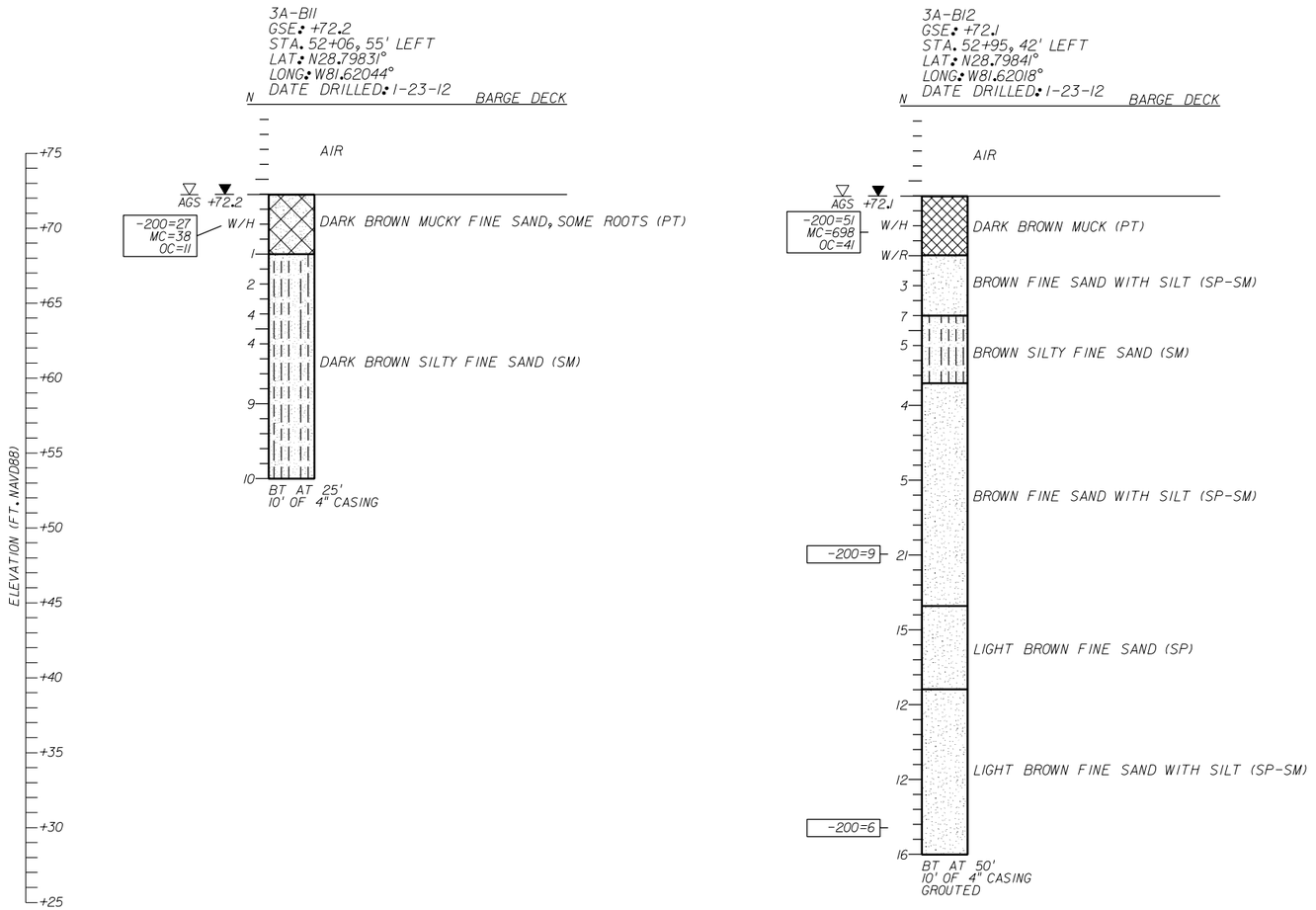
ROADWAY SPT BORING RESULTS

SHEET NO. 191

jcapra 3/28/2016 10:18:11 AM P:\7844-Wekiva3B\23827525201\geotech\b1boring03.dgn

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SR 46



LEGEND

AGS ESTIMATED SEASONAL HIGH GROUNDWATER LEVEL ABOVE EXISTING GROUND SURFACE

+72.2 ENCOUNTERED GROUNDWATER ELEVATION (FT. NAVD88) 24 HRS. AFTER DRILLING BORING

GSE GROUND SURFACE ELEVATION (FT. NAVD88)

N STANDARD PENETRATION RESISTANCE, BLOWS PER FOOT

W/R WEIGHT OF ROD

W/H WEIGHT OF HAMMER

(SP) UNIFIED SOIL CLASSIFICATION SYMBOL

BT BORING TERMINATED AT SPECIFIED DEPTH (FEET) INDICATED

-200= PERCENT PASSING NO. 200 U.S. STANDARD SIEVE (FM 1-T 088)

MC= PERCENT NATURAL MOISTURE CONTENT (FM 1-T 265)

OC= PERCENT ORGANIC CONTENT (FM 1-T 267)

SOILS LEGEND

SAND

MUCK

SAND AND SILT

SAND AND MUCK

GENERAL NOTES

STANDARD PENETRATION TEST BORINGS WERE PERFORMED IN ACCORDANCE WITH ASTM D-1586. STANDARD PENETRATION RESISTANCES ARE SHOWN ON THE BORINGS AT THE TEST DEPTHS IN BLOWS PER FOOT UNLESS OTHERWISE NOTED.

SUBSURFACE CONDITIONS SHOWN ON THE BORINGS REPRESENT THE CONDITIONS ENCOUNTERED AT THE BORING LOCATIONS. ACTUAL CONDITIONS BETWEEN BORINGS MAY VARY FROM THOSE SHOWN. UNIFIED SOIL CLASSIFICATIONS SHOWN ON THE BORINGS ARE BASED ON VISUAL EXAMINATION AND THE LABORATORY TESTING SHOWN.

THE BORING LOCATIONS WERE SURVEYED BY McKIM & CREED FOR VERTICAL AND HORIZONTAL CONTROL. BORING LOCATIONS REFERENCE THE SR 46 CENTERLINE.

SPLIT SPOON SAMPLER:
INSIDE DIAMETER: 1.375 IN.
OUTSIDE DIAMETER: 2.0 IN.

AVERAGE HAMMER DROP: 30 IN.
HAMMER WEIGHT: 140 LBS.
HAMMER TYPE: SAFETY (MANUAL)

CORRELATION OF STANDARD PENETRATION RESISTANCE WITH RELATIVE DENSITY AND CONSISTENCY OF SOIL

GRANULAR SOILS	N VALUE (blows per foot)	RELATIVE DENSITY
SANDS	0-4 4-10 10-30 30-50 OVER 50	VERY LOOSE LOOSE MEDIUM DENSE DENSE VERY DENSE
NON-GRANULAR SOILS	N VALUE (blows per foot)	CONSISTENCY
SILTS, CLAYS, MUCK, PEAT	0-2 2-4 4-8 8-15 15-30 OVER 30	VERY SOFT SOFT FIRM STIFF VERY STIFF HARD

SECTION: 33
TOWNSHIP: 19 SOUTH
RANGE: 27 EAST

FIGURE 17

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS, INC. (GEC)
919 Lake Baldwin Lane
Orlando, FL. 32814
T 407-898-1818 F 407-898-1837
Certificate of Authorization No. 5882
CRAIG G. BALLOCK PE NO. 71571

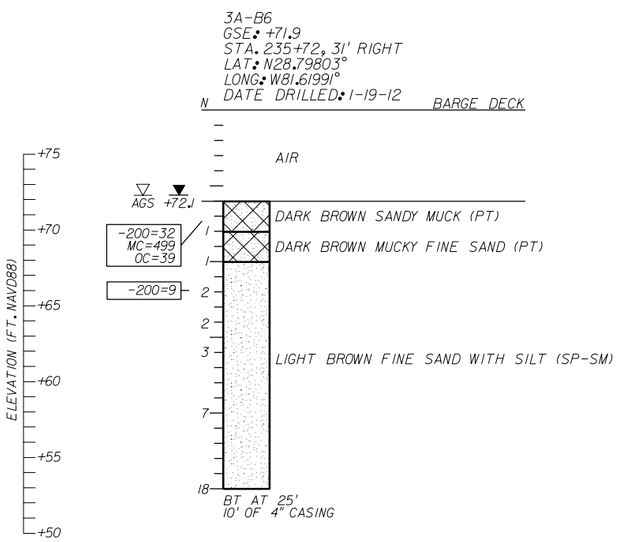
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

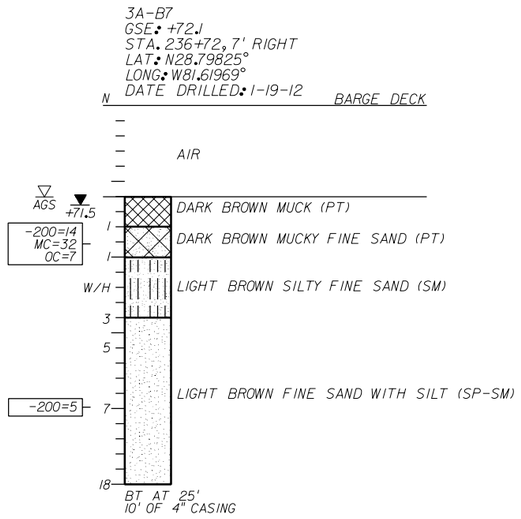
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-02

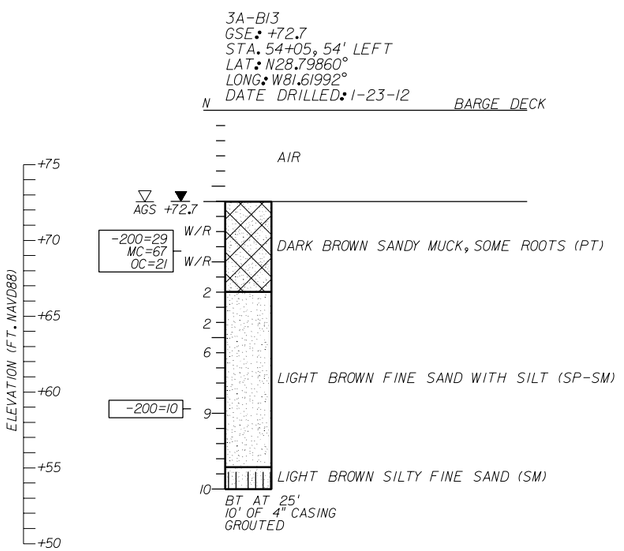
ROADWAY SPT BORING RESULTS

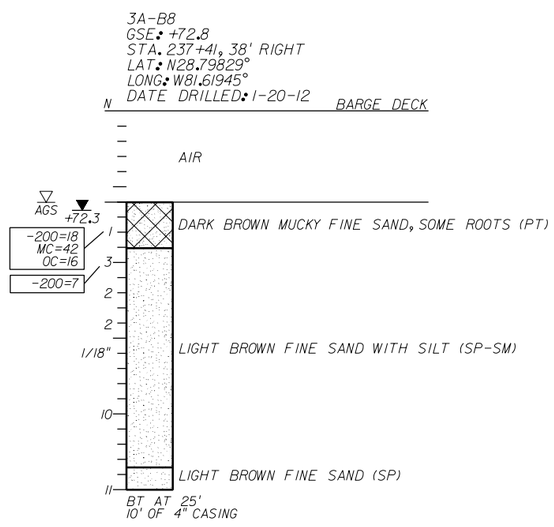
SHEET NO. 192

SR 46 / RAMP XX









LEGEND

- AGS ▽ ESTIMATED SEASONAL HIGH GROUNDWATER LEVEL ABOVE EXISTING GROUND SURFACE
- +72.1 ▼ ENCOUNTERED GROUNDWATER ELEVATION (FT. NAVD88) 24 HRS. AFTER DRILLING BORING
- GSE GROUND SURFACE ELEVATION (FT. NAVD88)
- N STANDARD PENETRATION RESISTANCE, BLOWS PER FOOT
- 1/18" NUMBER OF BLOWS FOR 18 INCHES OF PENETRATION
- W/R WEIGHT OF ROD
- W/H WEIGHT OF HAMMER
- (SP) UNIFIED SOIL CLASSIFICATION SYMBOL
- BT BORING TERMINATED AT SPECIFIED DEPTH (FEET) INDICATED
- -200= PERCENT PASSING NO. 200 U.S. STANDARD SIEVE (FM 1-T 088)
- MC= PERCENT NATURAL MOISTURE CONTENT (FM 1-T 265)
- OC= PERCENT ORGANIC CONTENT (FM 1-T 267)

SOILS LEGEND

SAND — MUCK

SAND AND SILT — SAND AND MUCK

GENERAL NOTES

STANDARD PENETRATION TEST BORINGS WERE PERFORMED IN ACCORDANCE WITH ASTM D-1586. STANDARD PENETRATION RESISTANCES ARE SHOWN ON THE BORINGS AT THE TEST DEPTHS IN BLOWS PER FOOT UNLESS OTHERWISE NOTED.

SUBSURFACE CONDITIONS SHOWN ON THE BORINGS REPRESENT THE CONDITIONS ENCOUNTERED AT THE BORING LOCATIONS. ACTUAL CONDITIONS BETWEEN BORINGS MAY VARY FROM THOSE SHOWN. UNIFIED SOIL CLASSIFICATIONS SHOWN ON THE BORINGS ARE BASED ON VISUAL EXAMINATION AND THE LABORATORY TESTING SHOWN.

THE BORING LOCATIONS WERE SURVEYED BY McKIM & CREED FOR VERTICAL AND HORIZONTAL CONTROL. BORING LOCATION 3A-B13 REFERENCES THE SR 46 CENTERLINE AND BORING LOCATIONS 3A-B6, 3A-B7 AND 3A-B8 REFERENCE THE RAMP XX CENTERLINE.

SPLIT SPOON SAMPLER:
INSIDE DIAMETER: 1.375 IN.
OUTSIDE DIAMETER: 2.0 IN.

AVERAGE HAMMER DROP: 30 IN.
HAMMER WEIGHT: 140 LBS.
HAMMER TYPE: SAFETY (MANUAL)

CORRELATION OF STANDARD PENETRATION RESISTANCE WITH RELATIVE DENSITY AND CONSISTENCY OF SOIL

GRANULAR SOILS	N VALUE (blows per foot)	RELATIVE DENSITY
SANDS	0-4 4-10 10-30 30-50 OVER 50	VERY LOOSE LOOSE MEDIUM DENSE DENSE VERY DENSE
NON-GRANULAR SOILS	N VALUE (blows per foot)	CONSISTENCY
SILTS, CLAYS, MUCK, PEAT	0-2 2-4 4-8 8-15 15-30 OVER 30	VERY SOFT SOFT FIRM STIFF VERY STIFF HARD

SECTION: 33
TOWNSHIP: 19 SOUTH
RANGE: 27 EAST

FIGURE 18

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS, INC. (GEC)
919 Lake Baldwin Lane
Orlando, FL. 32814
T 407-898-1818 F 407-898-1837
Certificate of Authorization No. 5882
CRAIG G. BALLOCK PE NO. 71571

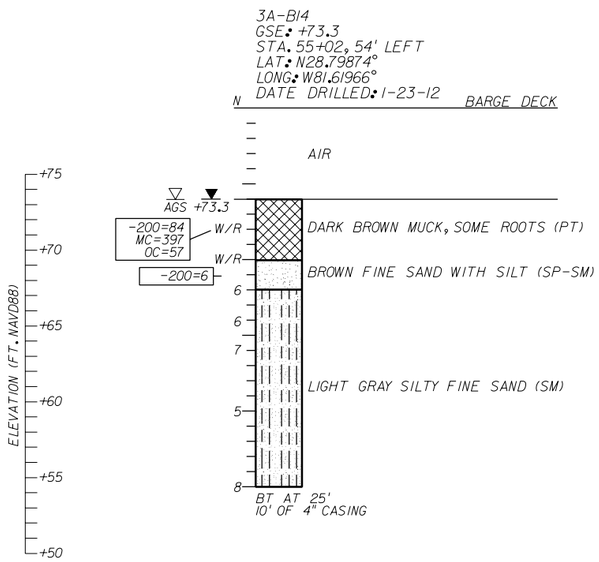
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

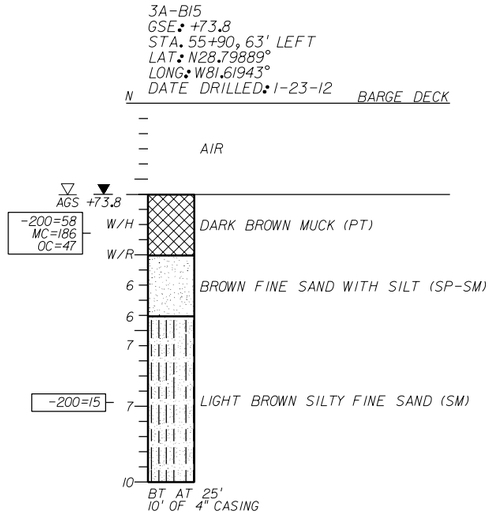
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-02

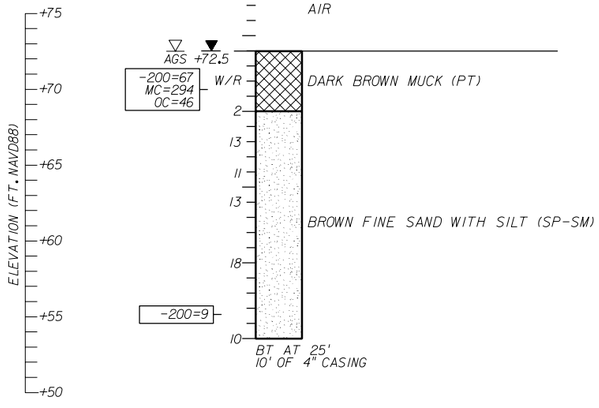
ROADWAY SPT BORING RESULTS

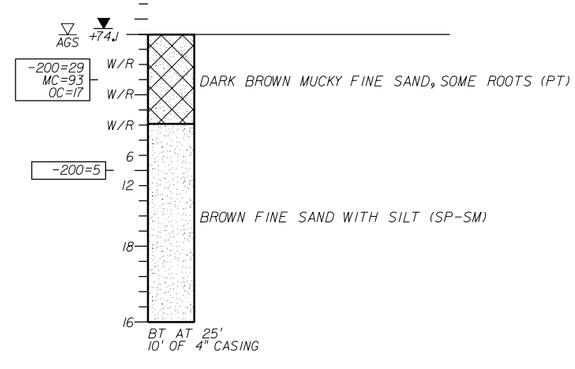
SHEET NO. 193

SR 46









LEGEND

AGS ESTIMATED SEASONAL HIGH GROUNDWATER LEVEL ABOVE EXISTING GROUND SURFACE

+73.3 ENCOUNTERED GROUNDWATER ELEVATION (FT. NAVD88) 24 HRS. AFTER DRILLING BORING

GSE GROUND SURFACE ELEVATION (FT. NAVD88)

N STANDARD PENETRATION RESISTANCE, BLOWS PER FOOT

W/H WEIGHT OF HAMMER

W/R WEIGHT OF ROD

(SP) UNIFIED SOIL CLASSIFICATION SYMBOL

BT BORING TERMINATED AT SPECIFIED DEPTH (FEET) INDICATED

-200= PERCENT PASSING NO. 200 U.S. STANDARD SIEVE (FM 1-T 088)

MC= PERCENT NATURAL MOISTURE CONTENT (FM 1-T 265)

OC= PERCENT ORGANIC CONTENT (FM 1-T 267)

SOILS LEGEND

SAND

MUCK

SAND AND SILT

SAND AND MUCK

GENERAL NOTES

STANDARD PENETRATION TEST BORINGS WERE PERFORMED IN ACCORDANCE WITH ASTM D-1586. STANDARD PENETRATION RESISTANCES ARE SHOWN ON THE BORINGS AT THE TEST DEPTHS IN BLOWS PER FOOT UNLESS OTHERWISE NOTED.

SUBSURFACE CONDITIONS SHOWN ON THE BORINGS REPRESENT THE CONDITIONS ENCOUNTERED AT THE BORING LOCATIONS. ACTUAL CONDITIONS BETWEEN BORINGS MAY VARY FROM THOSE SHOWN. UNIFIED SOIL CLASSIFICATIONS SHOWN ON THE BORINGS ARE BASED ON VISUAL EXAMINATION AND THE LABORATORY TESTING SHOWN.

THE BORING LOCATIONS WERE SURVEYED BY McKIM & CREED FOR VERTICAL AND HORIZONTAL CONTROL. BORING LOCATIONS REFERENCE THE SR 46 CENTERLINE.

SPLIT SPOON SAMPLER:
INSIDE DIAMETER: 1.375 IN.
OUTSIDE DIAMETER: 2.0 IN.

AVERAGE HAMMER DROP: 30 IN.
HAMMER WEIGHT: 140 LBS.
HAMMER TYPE: SAFETY (MANUAL)

CORRELATION OF STANDARD PENETRATION RESISTANCE WITH RELATIVE DENSITY AND CONSISTENCY OF SOIL

GRANULAR SOILS	N VALUE (blows per foot)	RELATIVE DENSITY
SANDS	0-4	VERY LOOSE
	4-10	LOOSE
	10-30	MEDIUM DENSE
	30-50	DENSE
	OVER 50	VERY DENSE
NON-GRANULAR SOILS	N VALUE (blows per foot)	CONSISTENCY
SILTS, CLAYS, MUCK, PEAT	0-2	VERY SOFT
	2-4	SOFT
	4-8	FIRM
	8-15	STIFF
	15-30	VERY STIFF
	OVER 30	HARD

SECTION: 33
TOWNSHIP: 19 SOUTH
RANGE: 27 EAST

FIGURE 19

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS, INC. (GEC)
919 Lake Baldwin Lane
Orlando, FL. 32814
T 407-898-1818 F 407-898-1837
Certificate of Authorization No. 5882
CRAIG G. BALLOCK PE NO. 71571

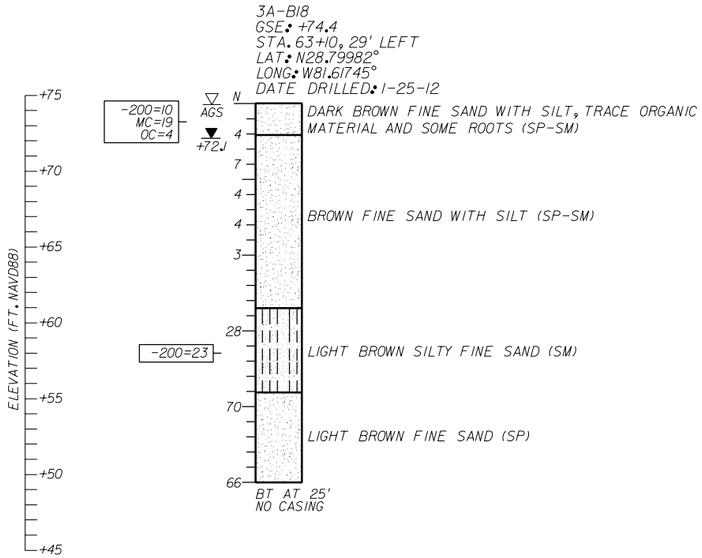
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

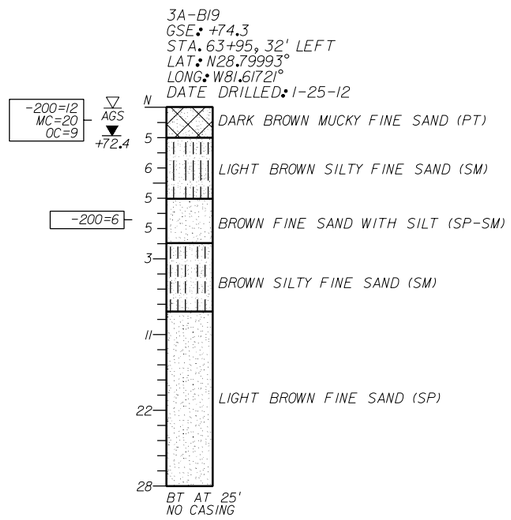
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-02

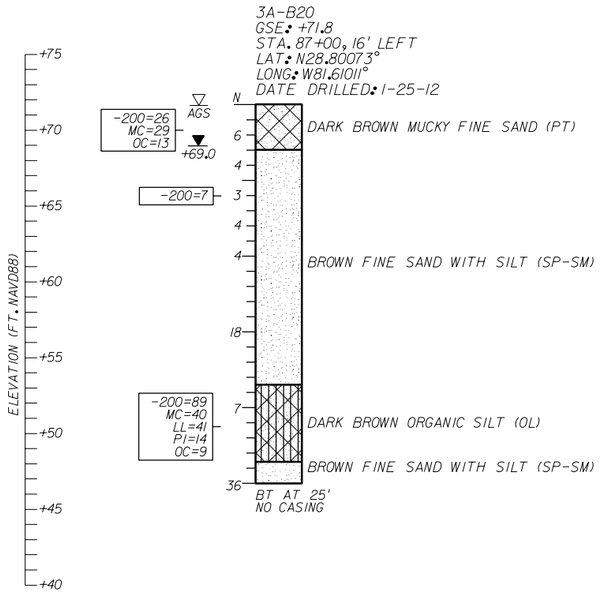
ROADWAY SPT BORING RESULTS

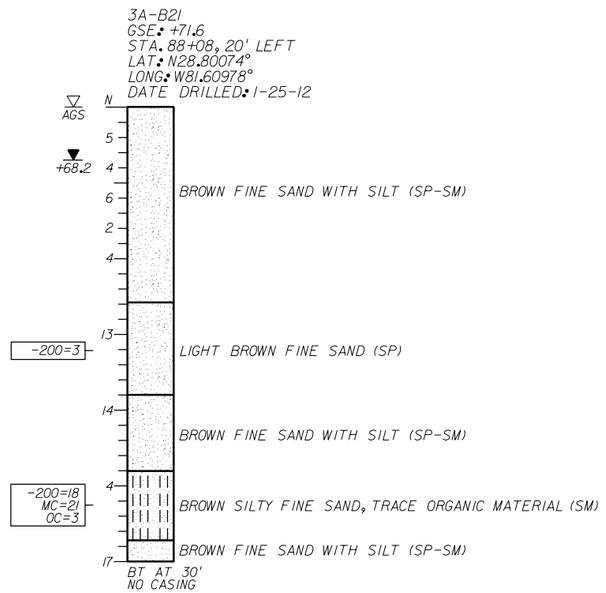
SHEET NO. 194

SR 46









LEGEND

- AGS: ESTIMATED SEASONAL HIGH GROUNDWATER LEVEL ABOVE EXISTING GROUND SURFACE
- +72.1: ENCOUNTERED GROUNDWATER ELEVATION (FT. NAVD88) 24 HRS. AFTER DRILLING BORING
- GSE: GROUND SURFACE ELEVATION (FT. NAVD88)
- N: STANDARD PENETRATION RESISTANCE, BLOWS PER FOOT
- (SP): UNIFIED SOIL CLASSIFICATION SYMBOL
- BT: BORING TERMINATED AT SPECIFIED DEPTH (FEET) INDICATED
- -200=: PERCENT PASSING NO. 200 U.S. STANDARD SIEVE (FM 1-T 088)
- MC=: PERCENT NATURAL MOISTURE CONTENT (FM 1-T 265)
- LL=: LIQUID LIMIT (FM 1-T 089)
- PI=: PLASTICITY INDEX (FM 1-T 090)
- OC=: PERCENT ORGANIC CONTENT (FM 1-T 267)

SOILS LEGEND

SAND; SAND AND MUCK; SAND AND SILT; ORGANIC SILT

GENERAL NOTES

STANDARD PENETRATION TEST BORINGS WERE PERFORMED IN ACCORDANCE WITH ASTM D-1586. STANDARD PENETRATION RESISTANCES ARE SHOWN ON THE BORINGS AT THE TEST DEPTHS IN BLOWS PER FOOT UNLESS OTHERWISE NOTED.

SUBSURFACE CONDITIONS SHOWN ON THE BORINGS REPRESENT THE CONDITIONS ENCOUNTERED AT THE BORING LOCATIONS. ACTUAL CONDITIONS BETWEEN BORINGS MAY VARY FROM THOSE SHOWN. UNIFIED SOIL CLASSIFICATIONS SHOWN ON THE BORINGS ARE BASED ON VISUAL EXAMINATION AND THE LABORATORY TESTING SHOWN.

THE BORING LOCATIONS WERE SURVEYED BY McKIM & CREED FOR VERTICAL AND HORIZONTAL CONTROL. BORING LOCATIONS REFERENCE THE SR 46 CENTERLINE.

SPLIT SPOON SAMPLER:
INSIDE DIAMETER: 1.375 IN.
OUTSIDE DIAMETER: 2.0 IN.

AVERAGE HAMMER DROP: 30 IN.
HAMMER WEIGHT: 140 LBS.
HAMMER TYPE: SAFETY (MANUAL)

CORRELATION OF STANDARD PENETRATION RESISTANCE WITH RELATIVE DENSITY AND CONSISTENCY OF SOIL

GRANULAR SOILS	N VALUE (blows per foot)	RELATIVE DENSITY
SANDS	0-4	VERY LOOSE
	4-10	LOOSE
	10-30	MEDIUM DENSE
	30-50	DENSE
	OVER 50	VERY DENSE
NON-GRANULAR SOILS	N VALUE (blows per foot)	CONSISTENCY
SILTS, CLAYS, MUCK, PEAT	0-2	VERY SOFT
	2-4	SOFT
	4-8	FIRM
	8-15	STIFF
	15-30	VERY STIFF
	OVER 30	HARD

SECTION: 33 (3A-BI8 & 3A-BI9) / 28 (3A-B20 & 3A-B2I)
TOWNSHIP: 19 SOUTH
RANGE: 27 EAST

FIGURE 20

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS, INC. (GEC)
919 Lake Baldwin Lane
Orlando, FL. 32814
T 407-898-1818 F 407-898-1837
Certificate of Authorization No. 5882
CRAIG G. BALLOCK PE NO. 71571

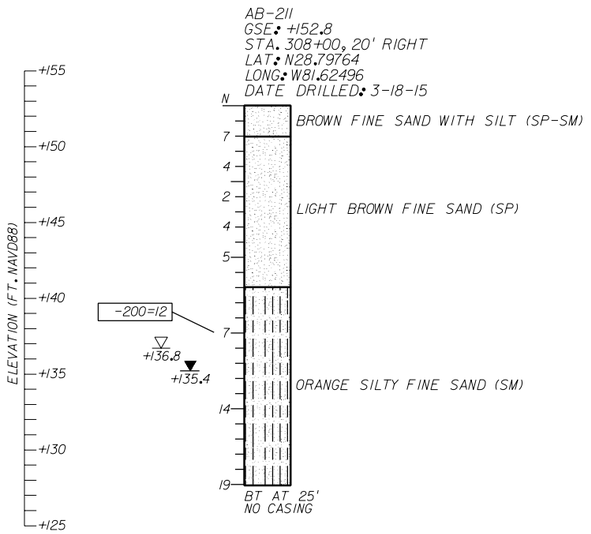
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

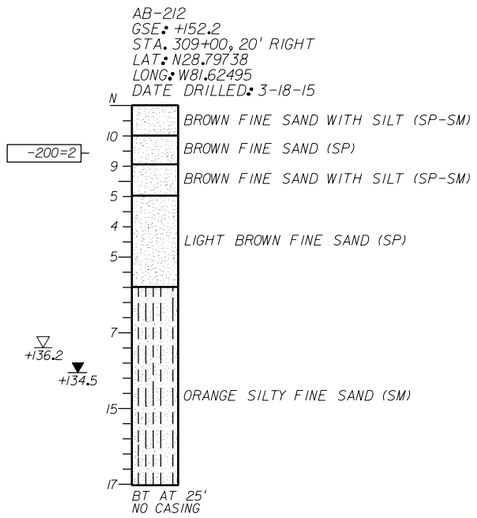
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-02

ROADWAY SPT BORING RESULTS

SHEET NO. 195

RAMP YY





LEGEND

+136.8 ESTIMATED SEASONAL HIGH GROUNDWATER ELEVATION (FT. NAVD88)

+135.4 ENCOUNTERED GROUNDWATER ELEVATION (FT. NAVD88) 24 HRS. AFTER DRILLING BORING

GSE GROUND SURFACE ELEVATION (FT. NAVD88)

N STANDARD PENETRATION RESISTANCE, BLOWS PER FOOT

(SP) UNIFIED SOIL CLASSIFICATION SYMBOL

BT BORING TERMINATED AT SPECIFIED DEPTH (FEET) INDICATED

-200= PERCENT PASSING NO. 200 U.S. STANDARD SIEVE (FM 1-T 088)

SOILS LEGEND

SAND

SAND AND SILT

GENERAL NOTES

STANDARD PENETRATION TEST BORINGS WERE PERFORMED IN ACCORDANCE WITH ASTM D-1586. STANDARD PENETRATION RESISTANCES ARE SHOWN ON THE BORINGS AT THE TEST DEPTHS IN BLOWS PER FOOT UNLESS OTHERWISE NOTED.

SUBSURFACE CONDITIONS SHOWN ON THE BORINGS REPRESENT THE CONDITIONS ENCOUNTERED AT THE BORING LOCATIONS. ACTUAL CONDITIONS BETWEEN BORINGS MAY VARY FROM THOSE SHOWN. UNIFIED SOIL CLASSIFICATIONS SHOWN ON THE BORINGS ARE BASED ON VISUAL EXAMINATION AND THE LABORATORY TESTING SHOWN.

THE BORING LOCATIONS WERE NOT SURVEYED. BORING LOCATIONS WERE ESTABLISHED IN THE FIELD USING A SUB-METER ACCURACY GPS UNIT (TRIMBLE 7X) FOR HORIZONTAL AND VERTICAL CONTROL. GROUND SURFACE ELEVATIONS ESTIMATED FROM PROJECT CROSS SECTIONS. BORING LOCATIONS REFERENCE RAMP YY CENTERLINE.

SPLIT SPOON SAMPLER:
INSIDE DIAMETER: 1.375 IN.
OUTSIDE DIAMETER: 2.0 IN.

AVERAGE HAMMER DROP: 30 IN.
HAMMER WEIGHT: 140 LBS.
HAMMER TYPE: AUTOMATIC

CORRELATION OF STANDARD PENETRATION RESISTANCE WITH RELATIVE DENSITY AND CONSISTENCY OF SOIL

GRANULAR SOILS	N VALUE (blows per foot)	RELATIVE DENSITY
SANDS	0-3 3-8 8-24 24-40 OVER 40	VERY LOOSE LOOSE MEDIUM DENSE DENSE VERY DENSE
NON-GRANULAR SOILS	N VALUE (blows per foot)	CONSISTENCY
SILTS, CLAYS, MUCK, PEAT	0-1 1-3 3-6 6-12 12-24 OVER 24	VERY SOFT SOFT FIRM STIFF VERY STIFF HARD

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

FIGURE 21

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

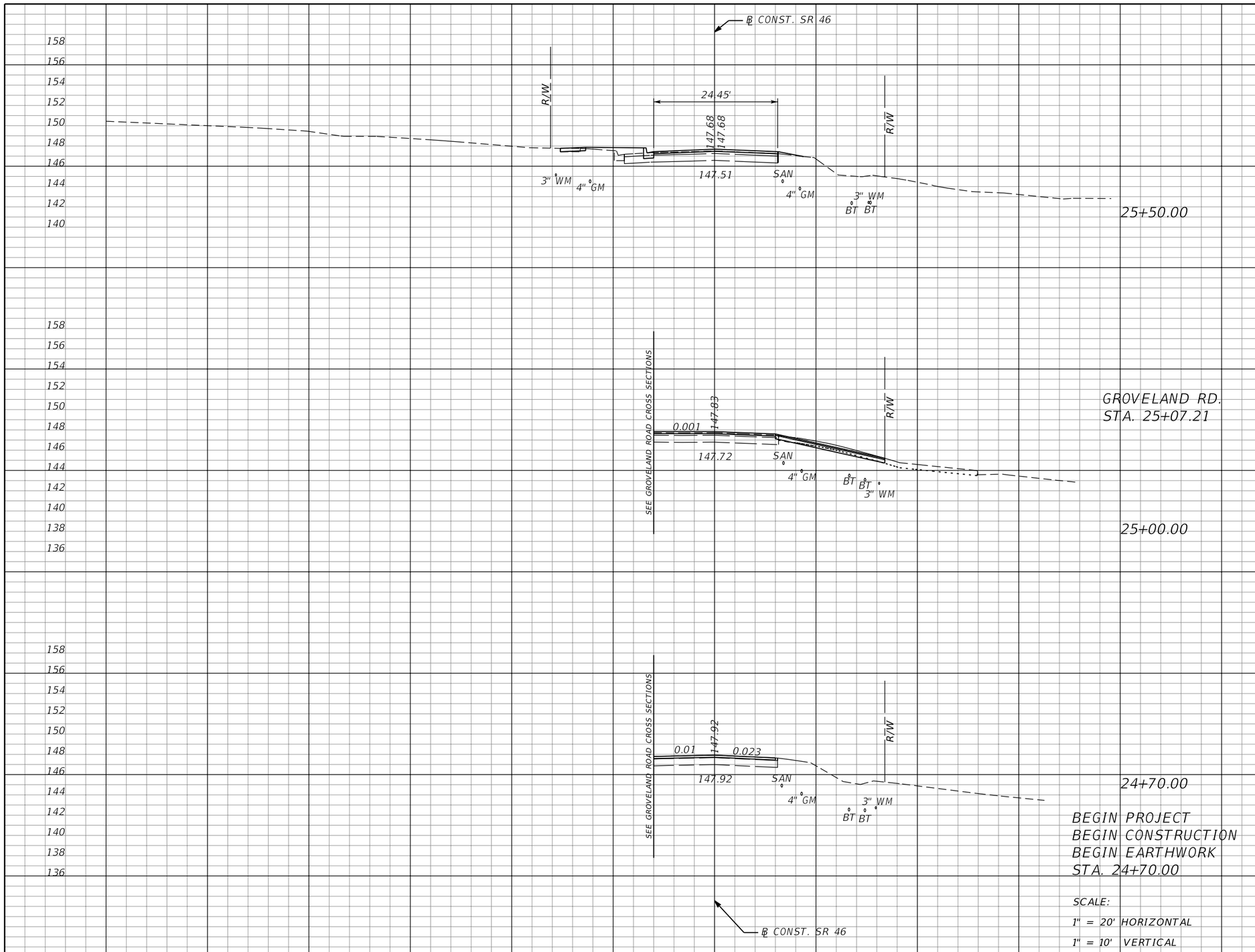
GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS, INC. (GEC)
919 Lake Baldwin Lane
Orlando, FL. 32814
T 407-898-1818 F 407-898-1837
Certificate of Authorization No. 5882
CRAIG G. BALLOCK P.E. 71571

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-02

ROADWAY SPT BORING RESULTS

SHEET NO. 196



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	3	15	5	5
0	0	13	7	0	0
0	0	0	0	0	0

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

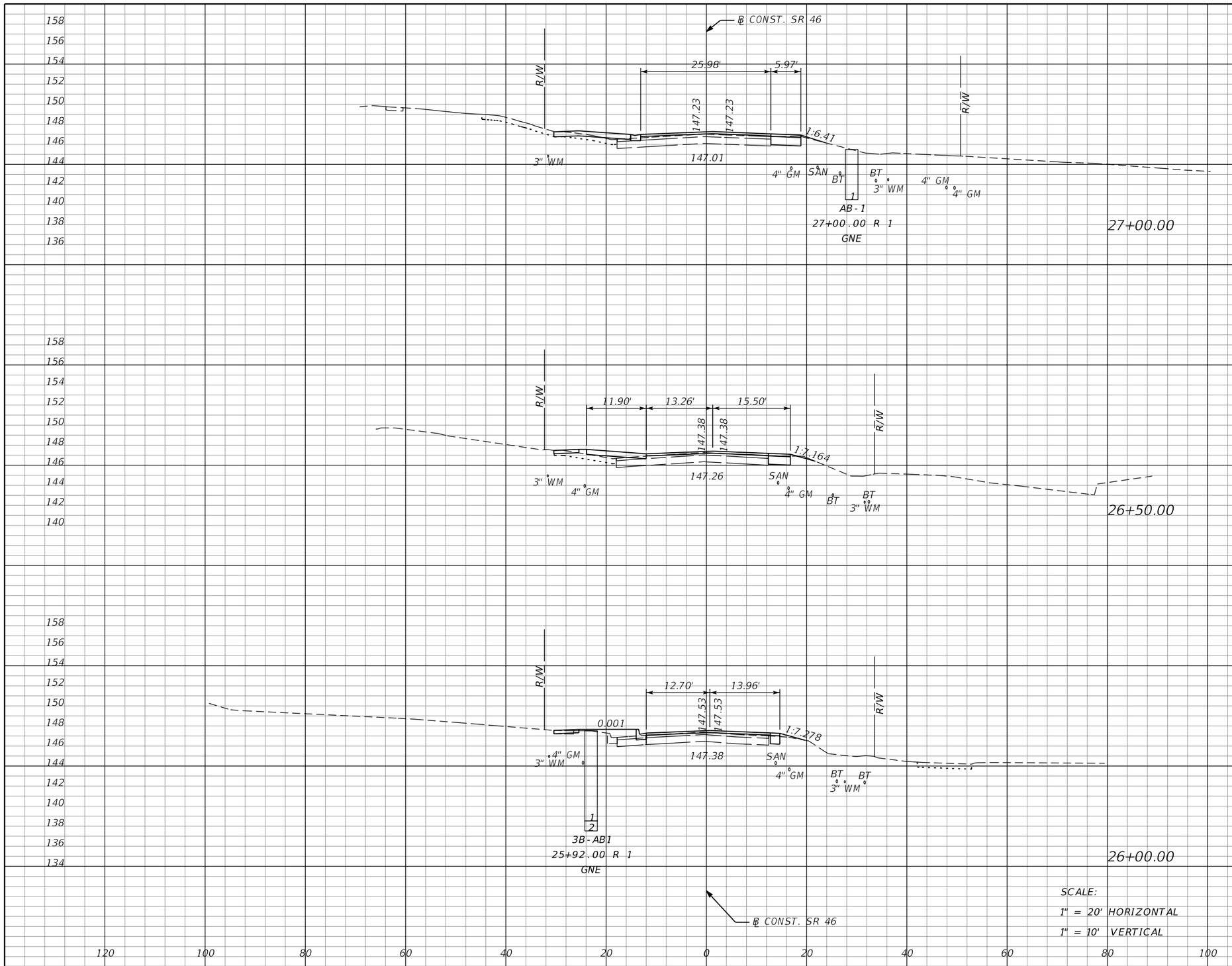
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 197

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

jcapra 3/28/2016 10:18:22 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD01.DGN



SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	9	14	1	3
0	0	6	9	2	7
0	0	4	6	6	10

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

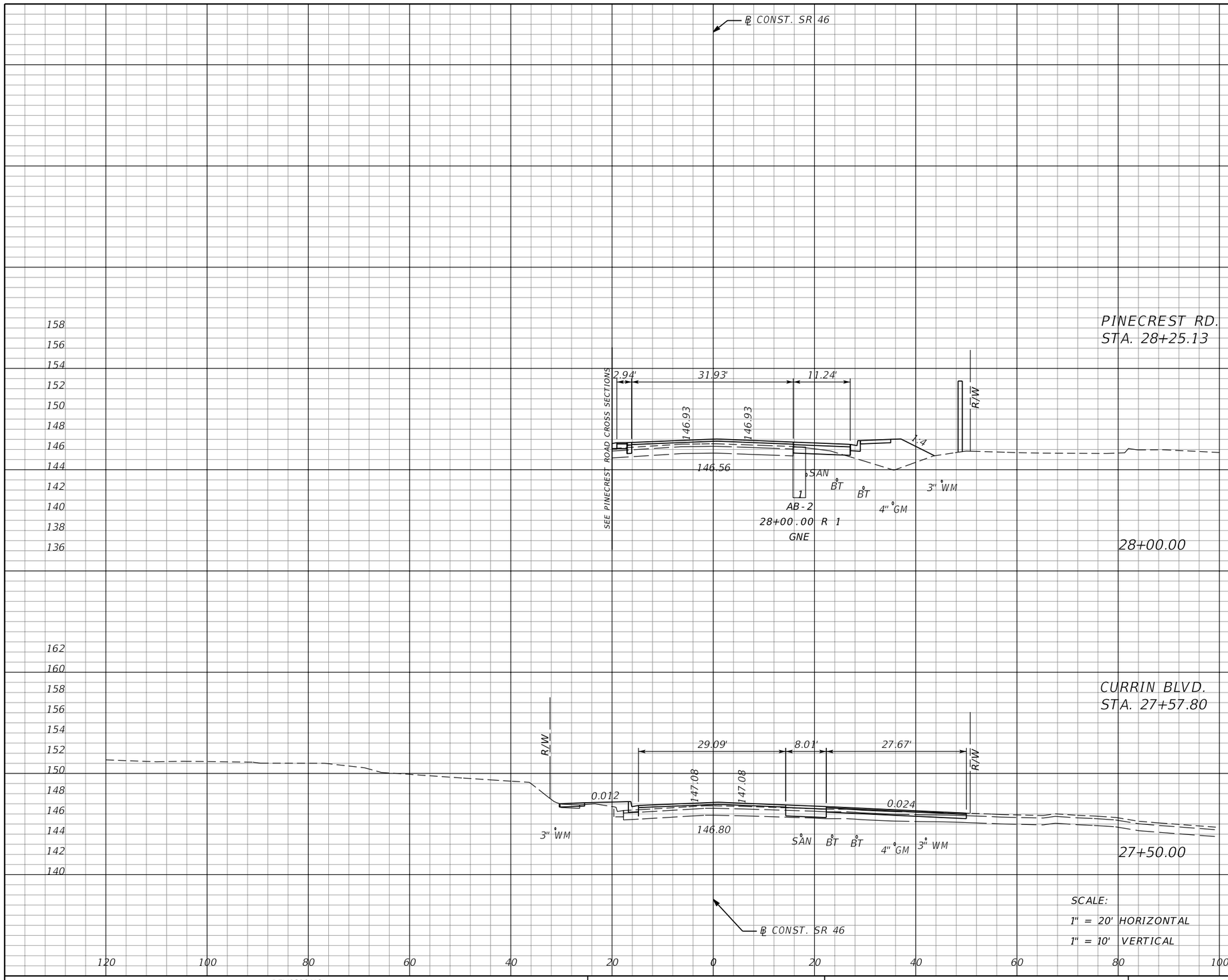
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 198

jcapra 3/28/2016 10:18:23 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD01.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	5	22	29	31
0	0	19	26	4	5

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

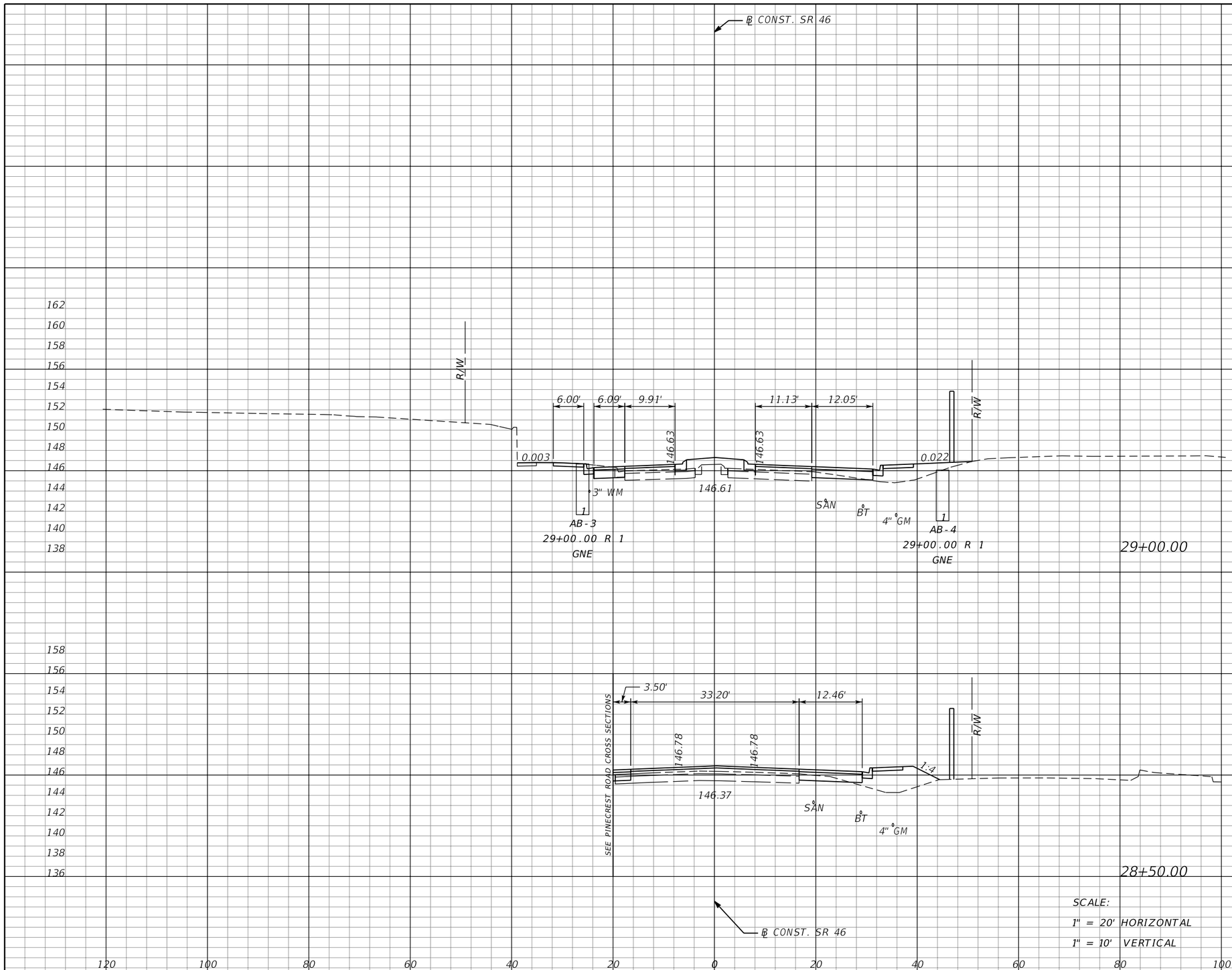
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 199

jcapra 3/28/2016 10:18:24 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD01.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	14	19	27	48
0	0	6	10	25	50

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

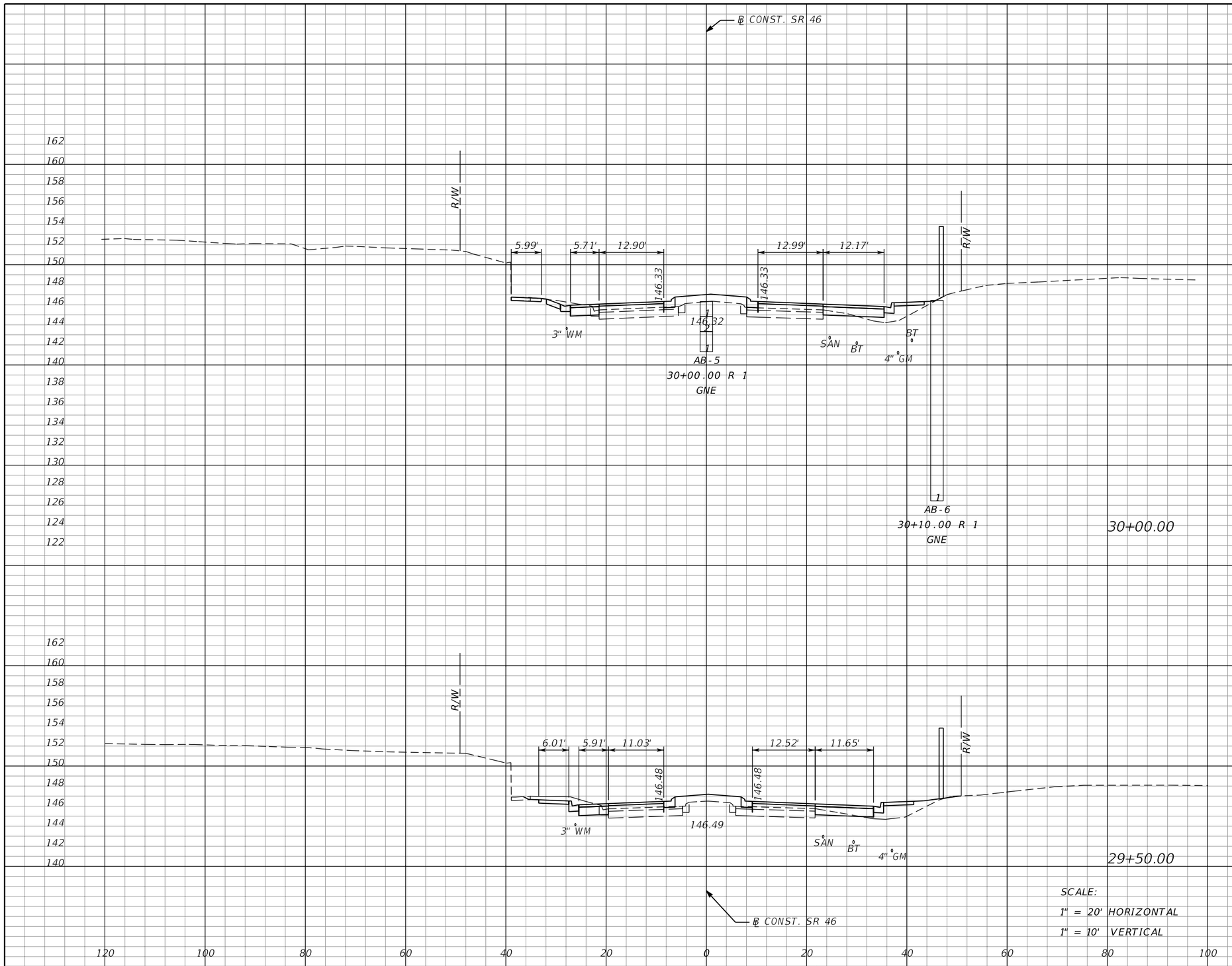
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 200

jcapra 3/28/2016 10:18:25 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD01.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	13	28	20	39
0	0	17	29	22	45

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

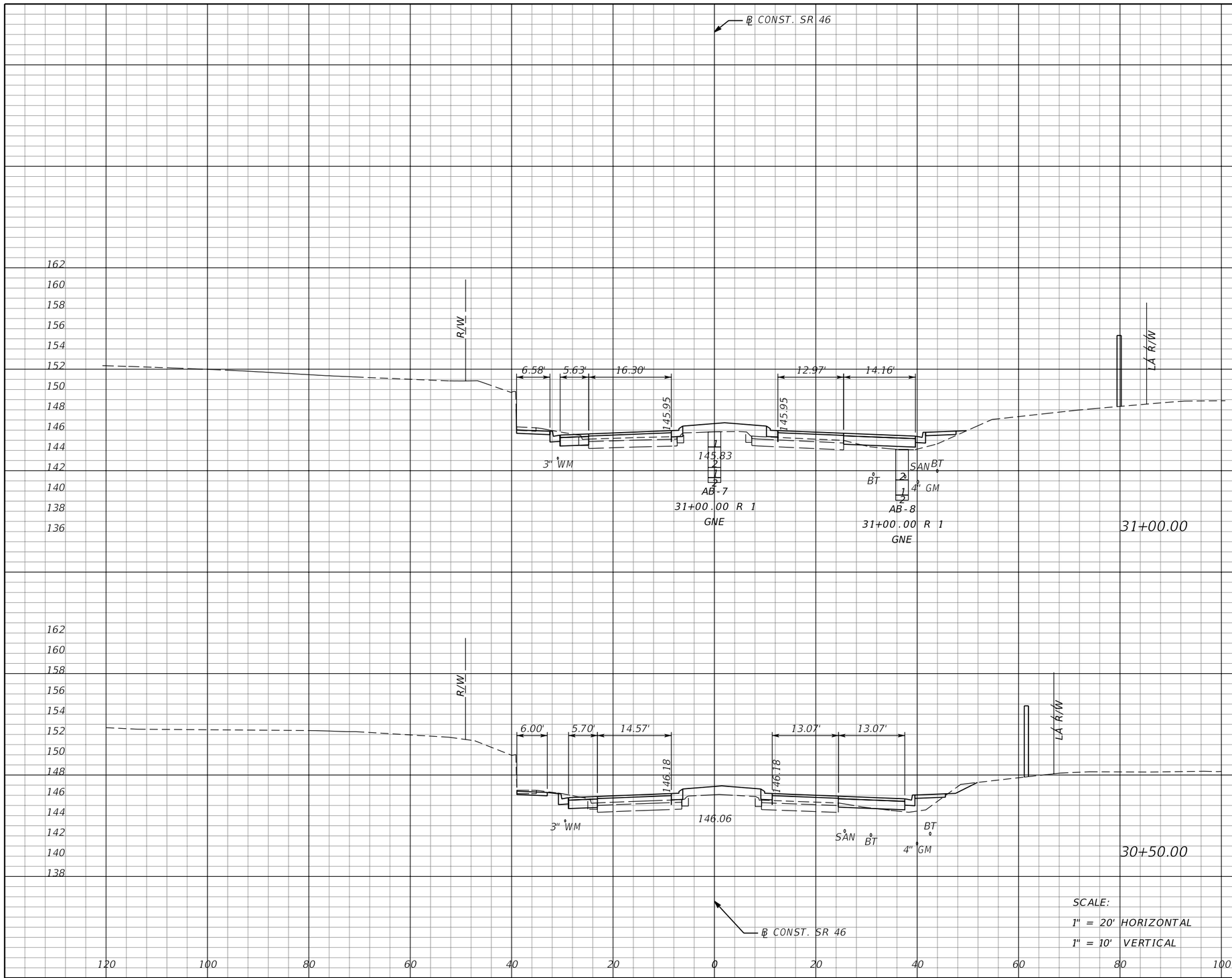
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 201

jcapra 3/28/2016 10:18:26 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD01.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	13	25	22	38
0	0	14	25	19	36

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

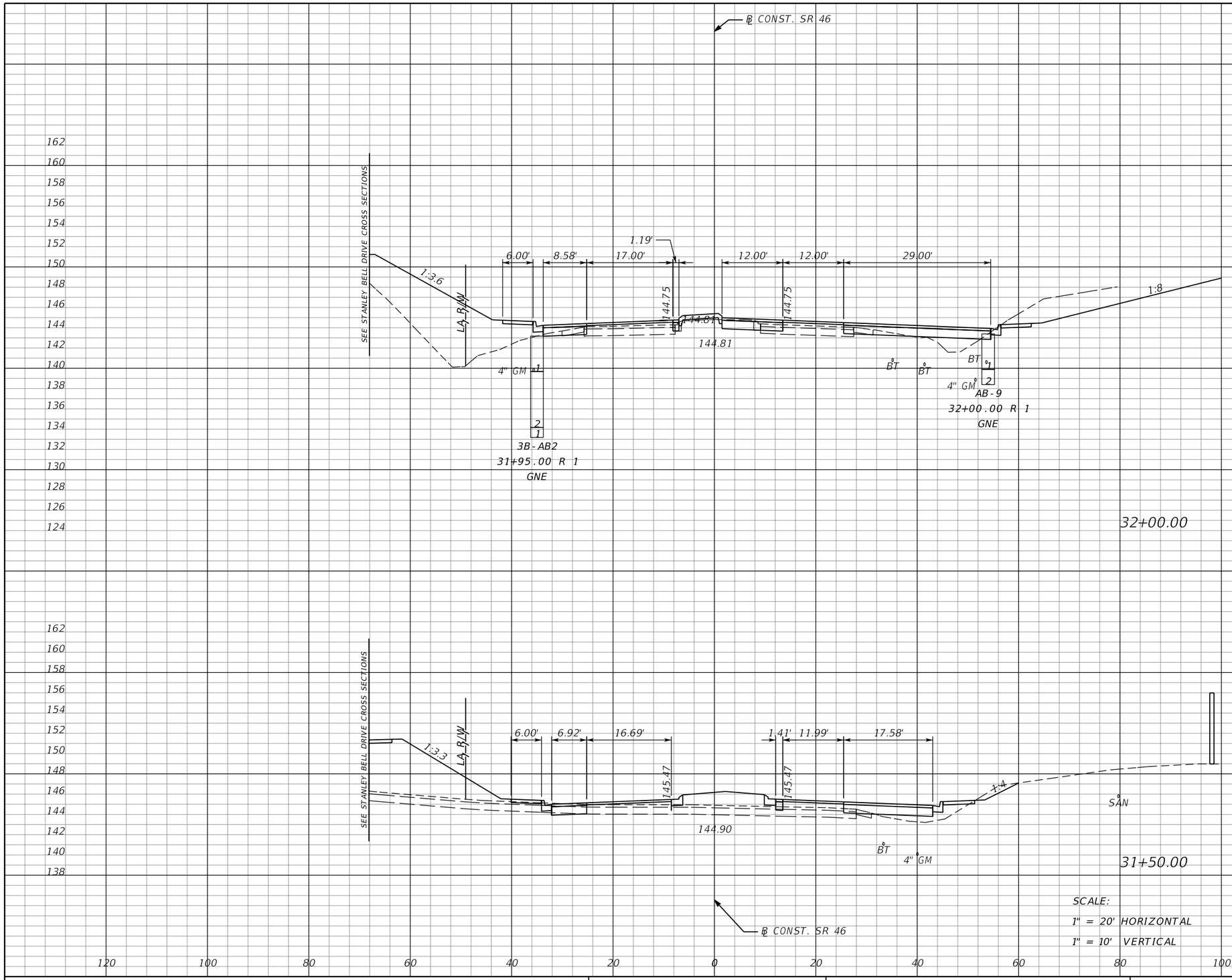
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 202



SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	88	96	147	247
0	0	16	27	120	131

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

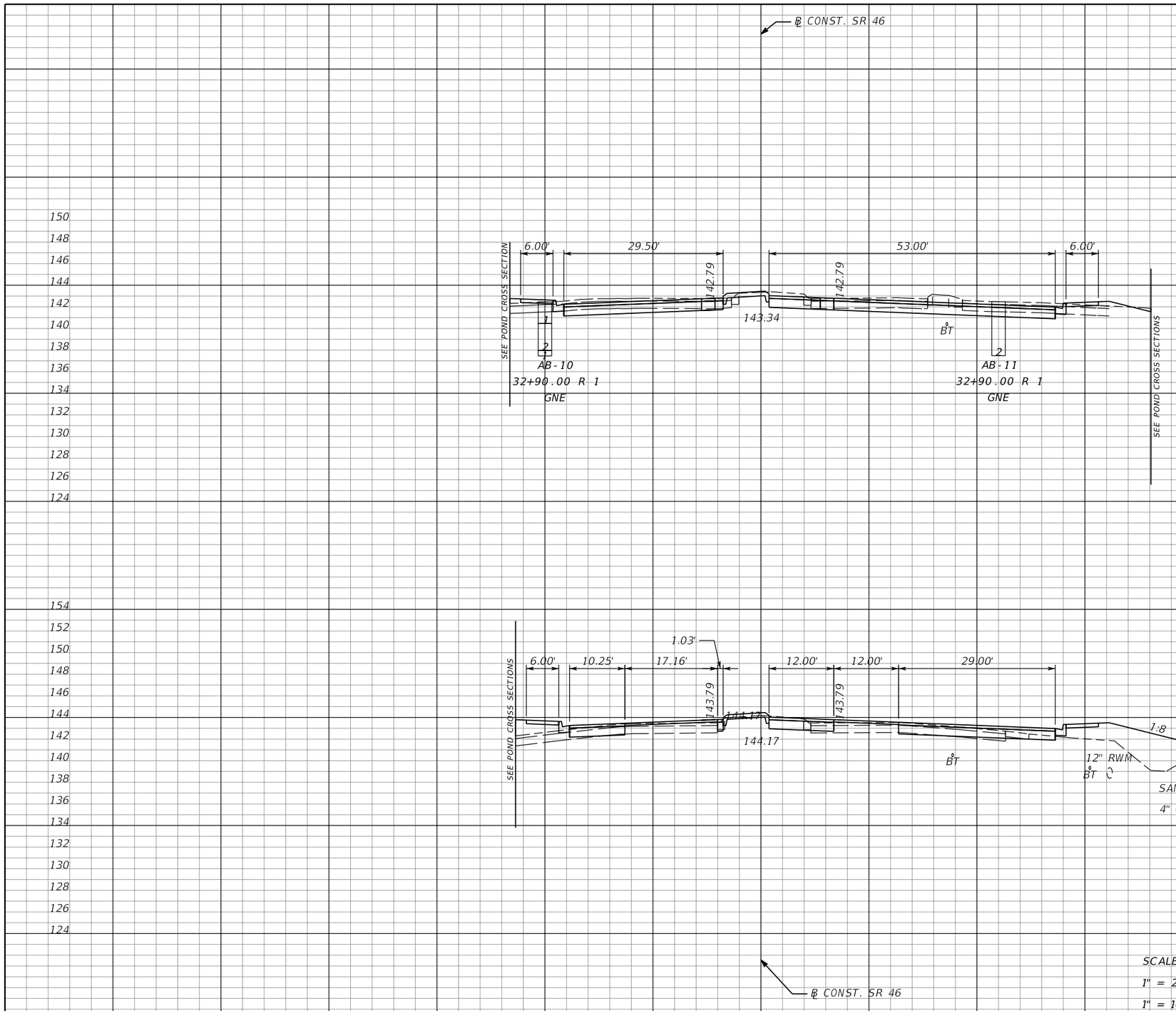
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 203

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	119	153	3	55
0	0	46	124	56	188

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

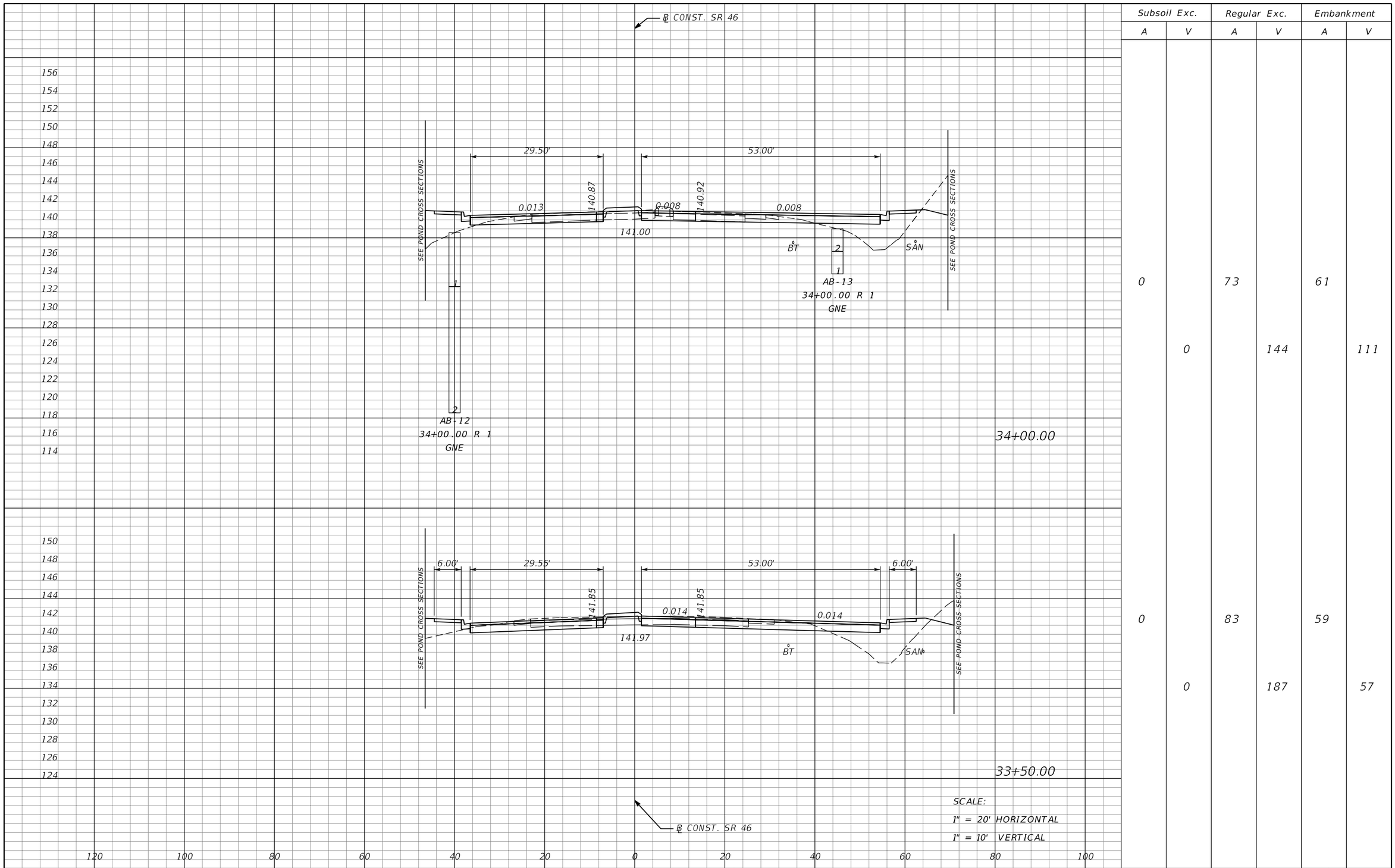
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 204

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

jcapra 3/28/2016 10:18:28 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD01.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	73	144	61	111
0	0	83	187	59	57

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

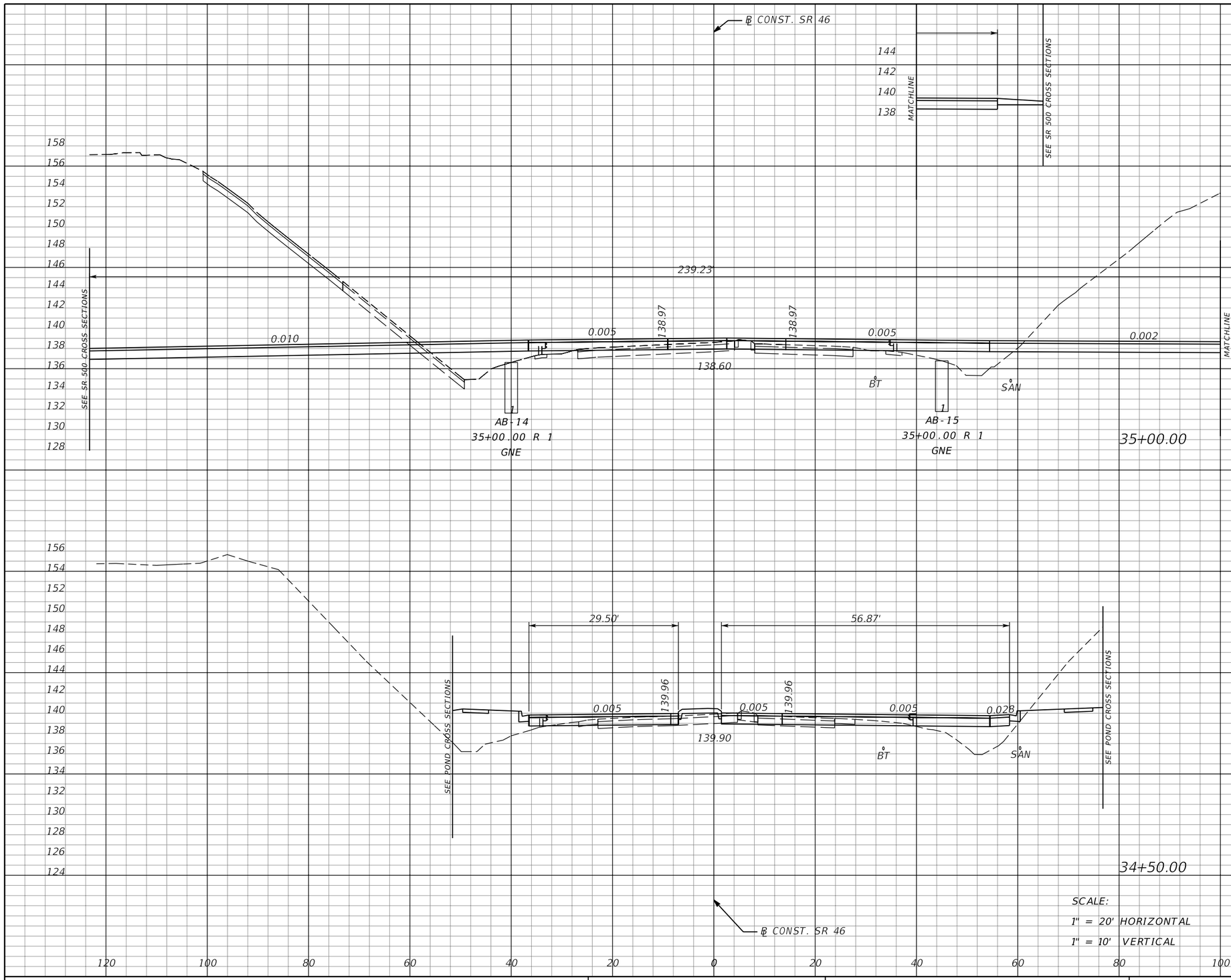
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 205

jcapra 3/28/2016 10:18:29 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD01.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1712	1682	60	124
0	0	105	165	74	125

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

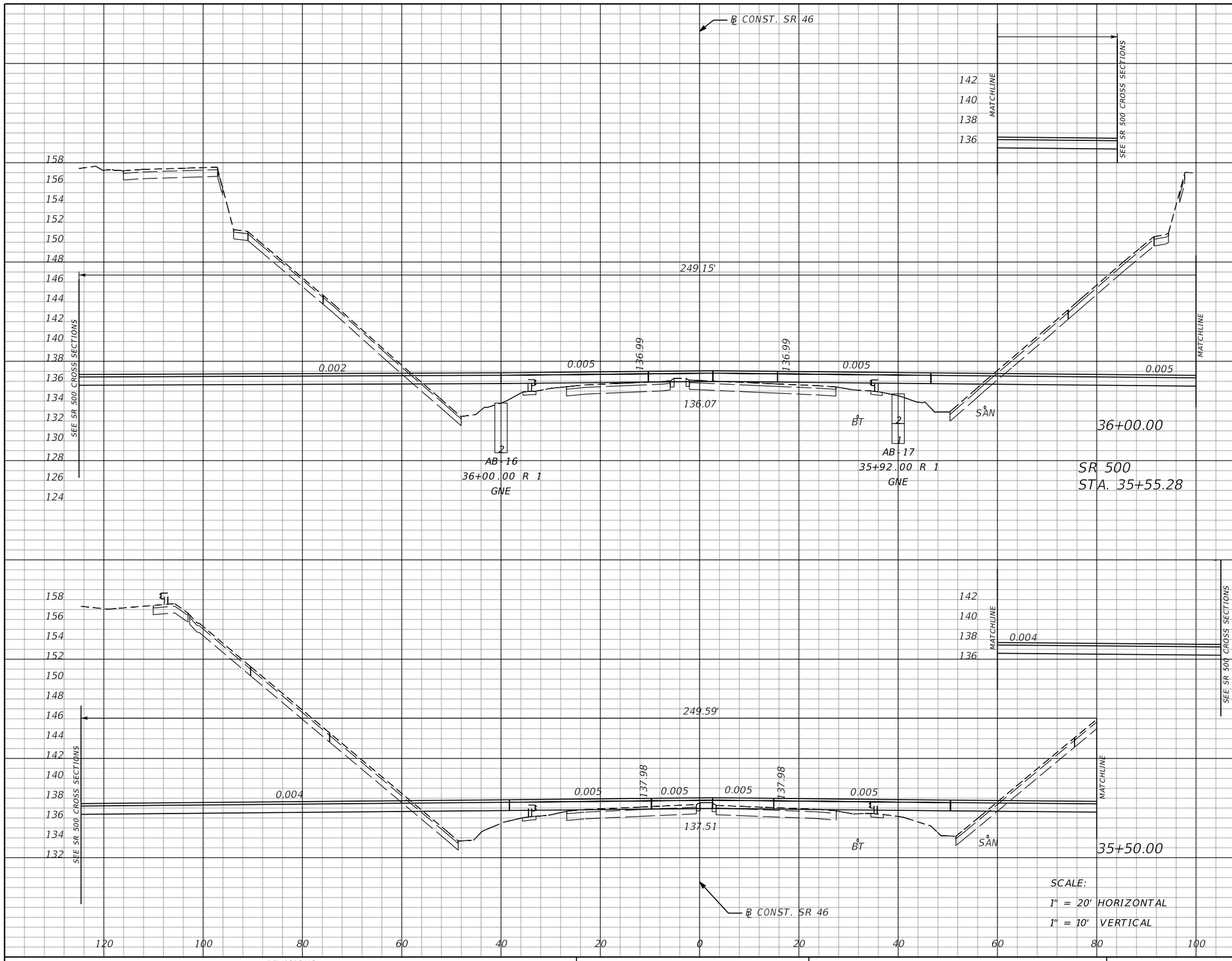
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 206

jcapra 3/28/2016 10:18:30 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD01.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1921	3452	95	154
0	0	1807	3258	71	121

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

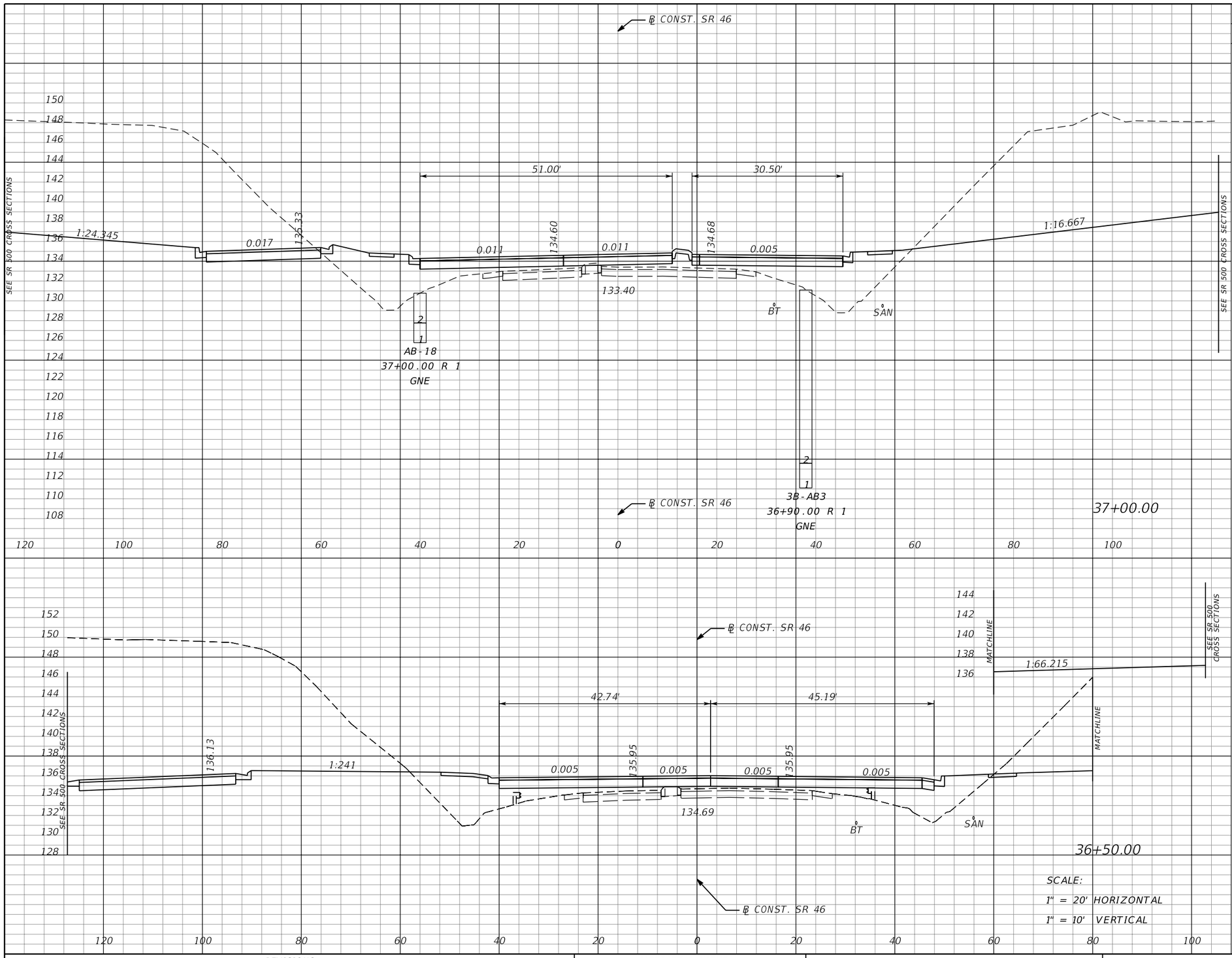
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 207

jcapra 3/28/2016 10:18:31 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD01.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0		1153		192	
	0		2348		317
0		1383		150	
	0		3059		227

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

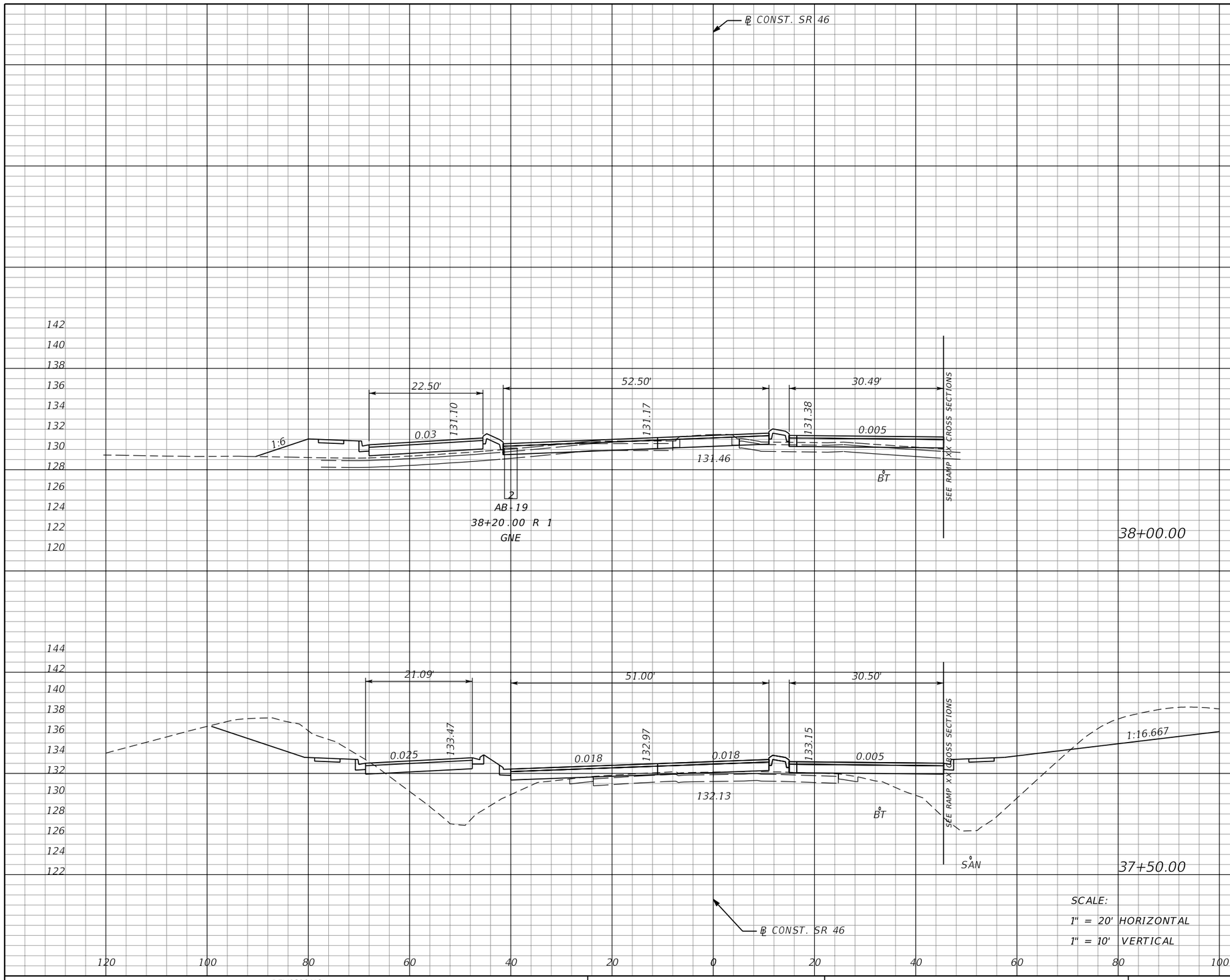
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 208



SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	51	187	43	262
0	0	151	1207	240	400

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

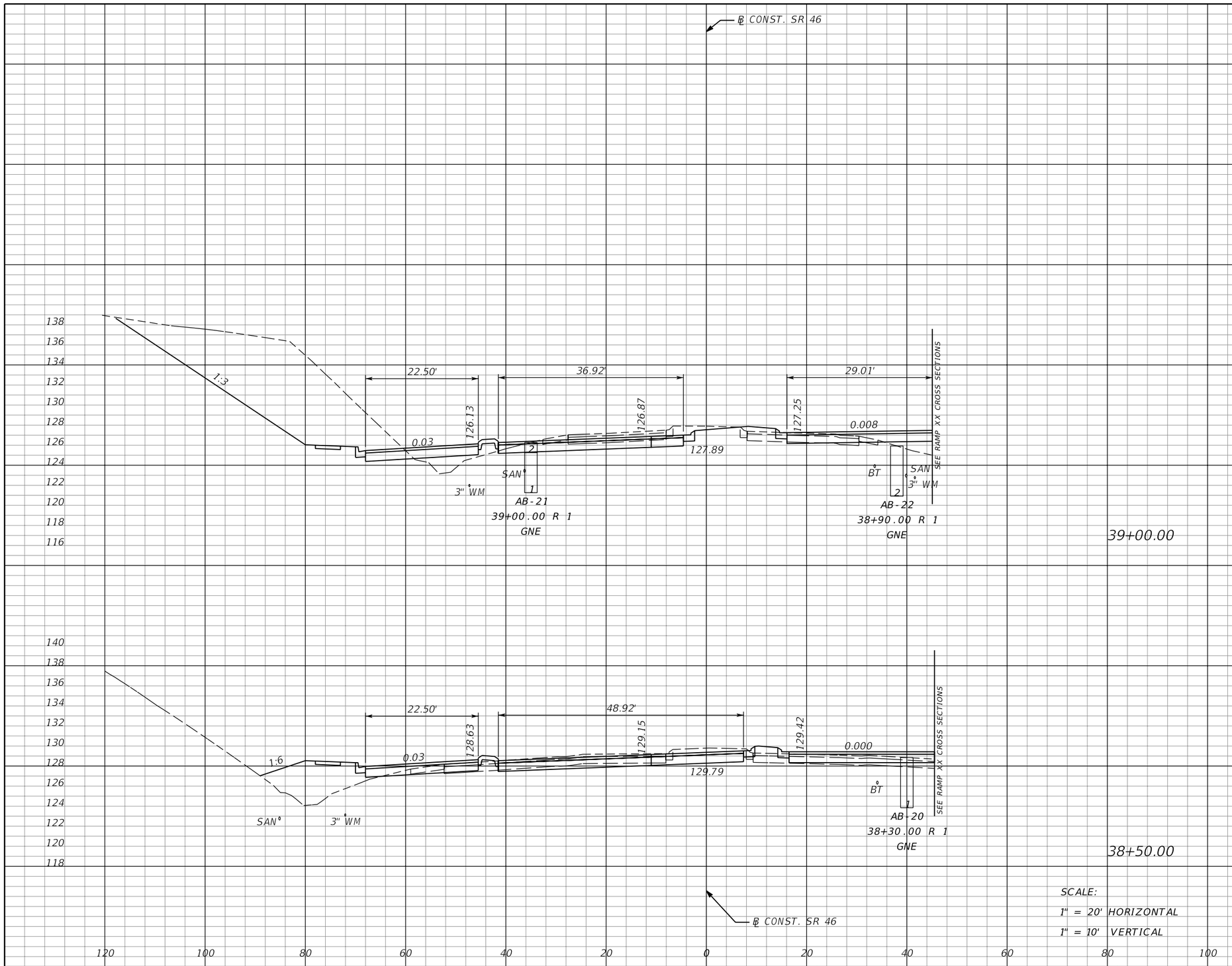
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 209

jcapra 3/28/2016 10:18:32 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD01.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	360	421	26	81
0	0	95	135	62	97

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

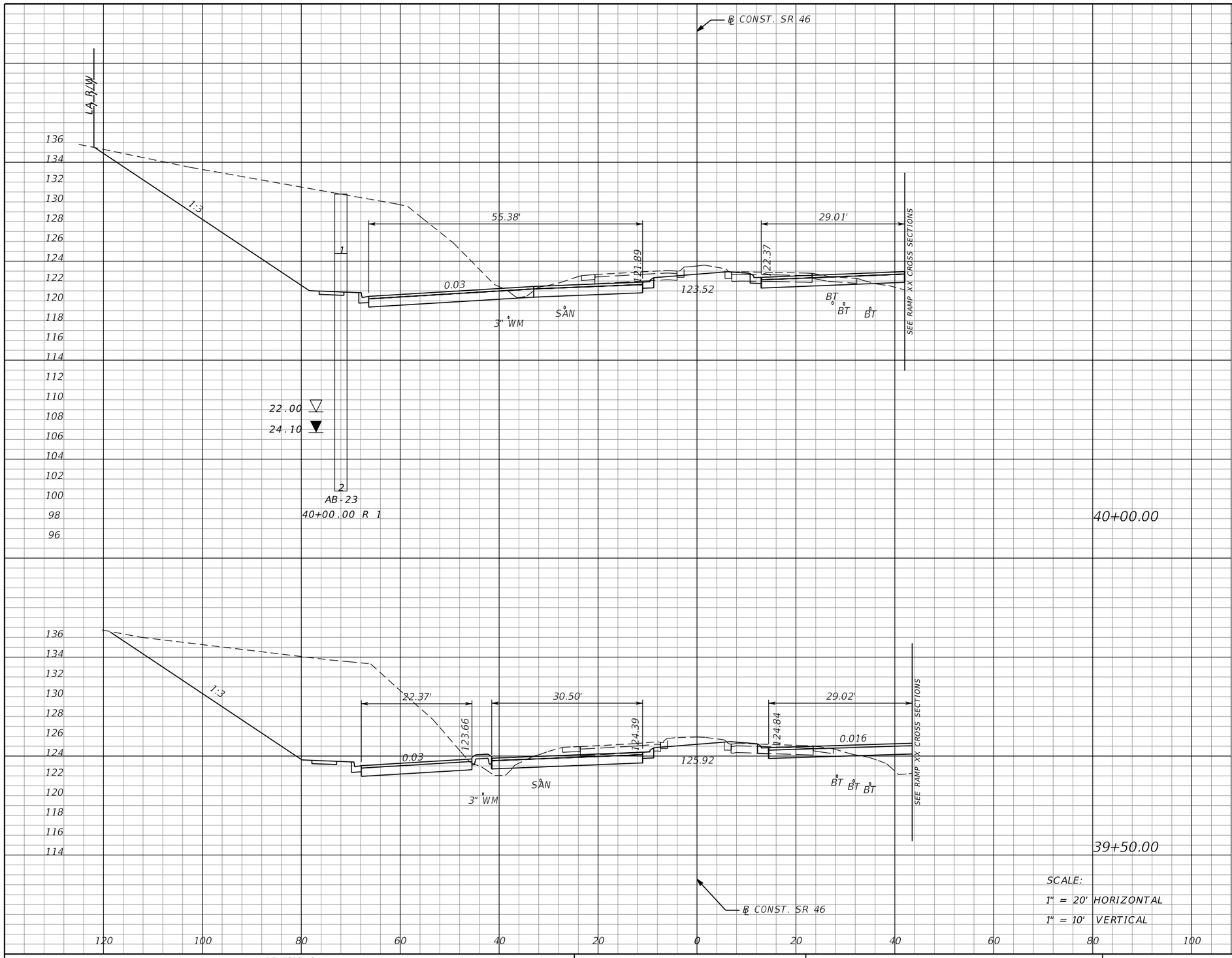
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 210



SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	613	1074	2	18
0	0	547	840	17	40

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

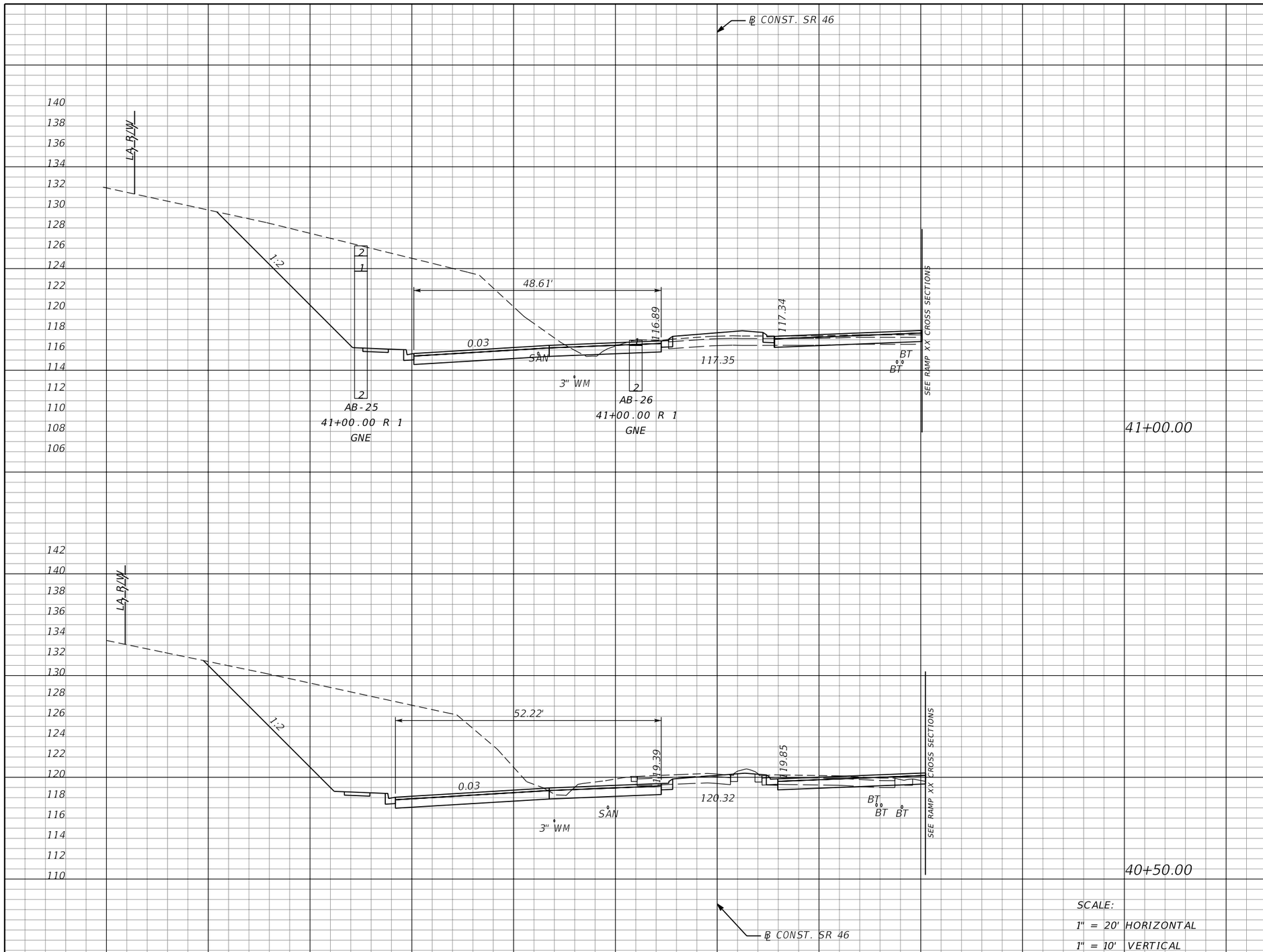
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 211



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	495	937	7	6
0	0	517	1046	0	2

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

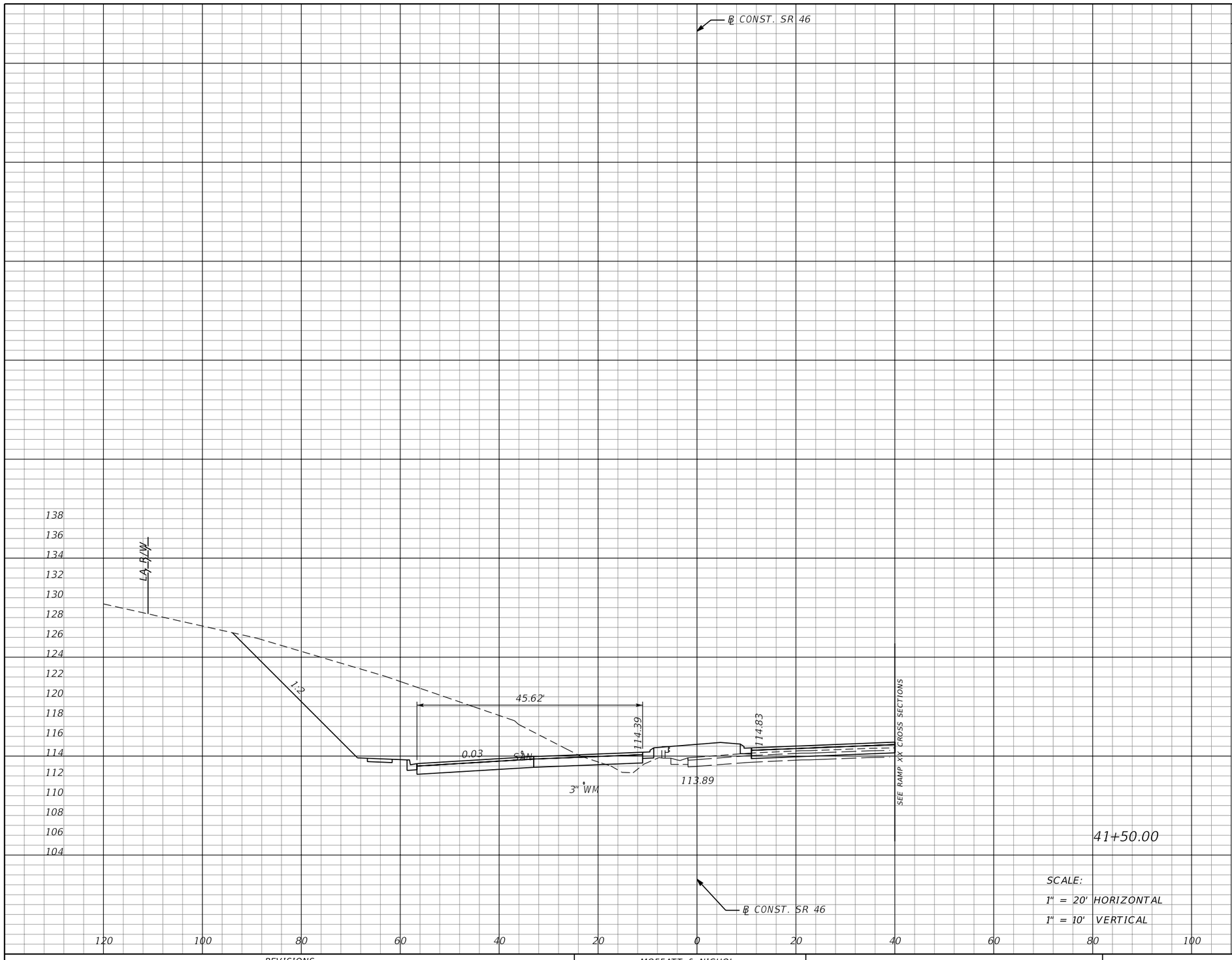
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 212

jcapra 3/28/2016 10:18:35 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD01.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	410	838	27	31

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

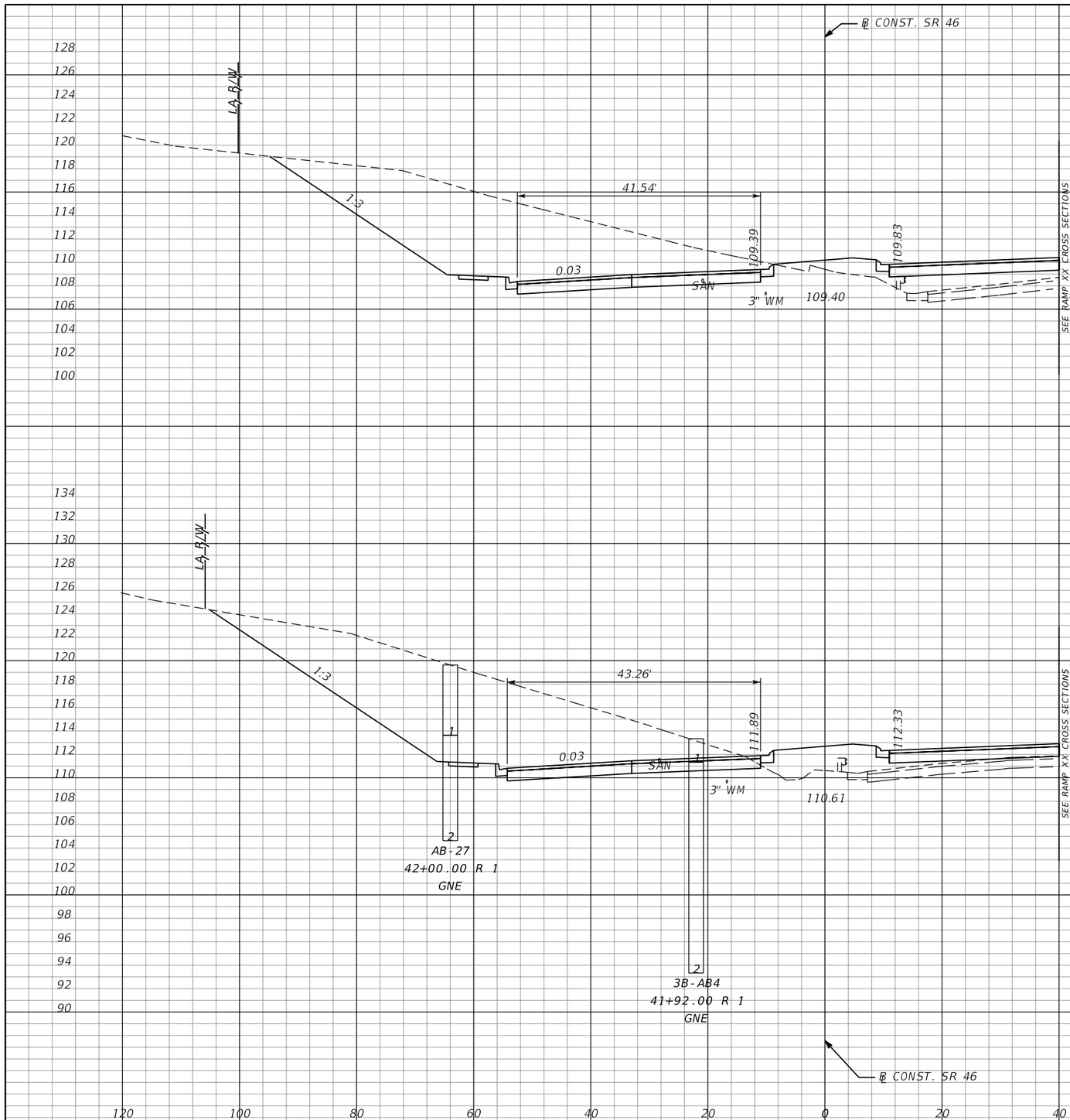
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 213



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	409	816	48	89
0	0	472	817	48	69

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

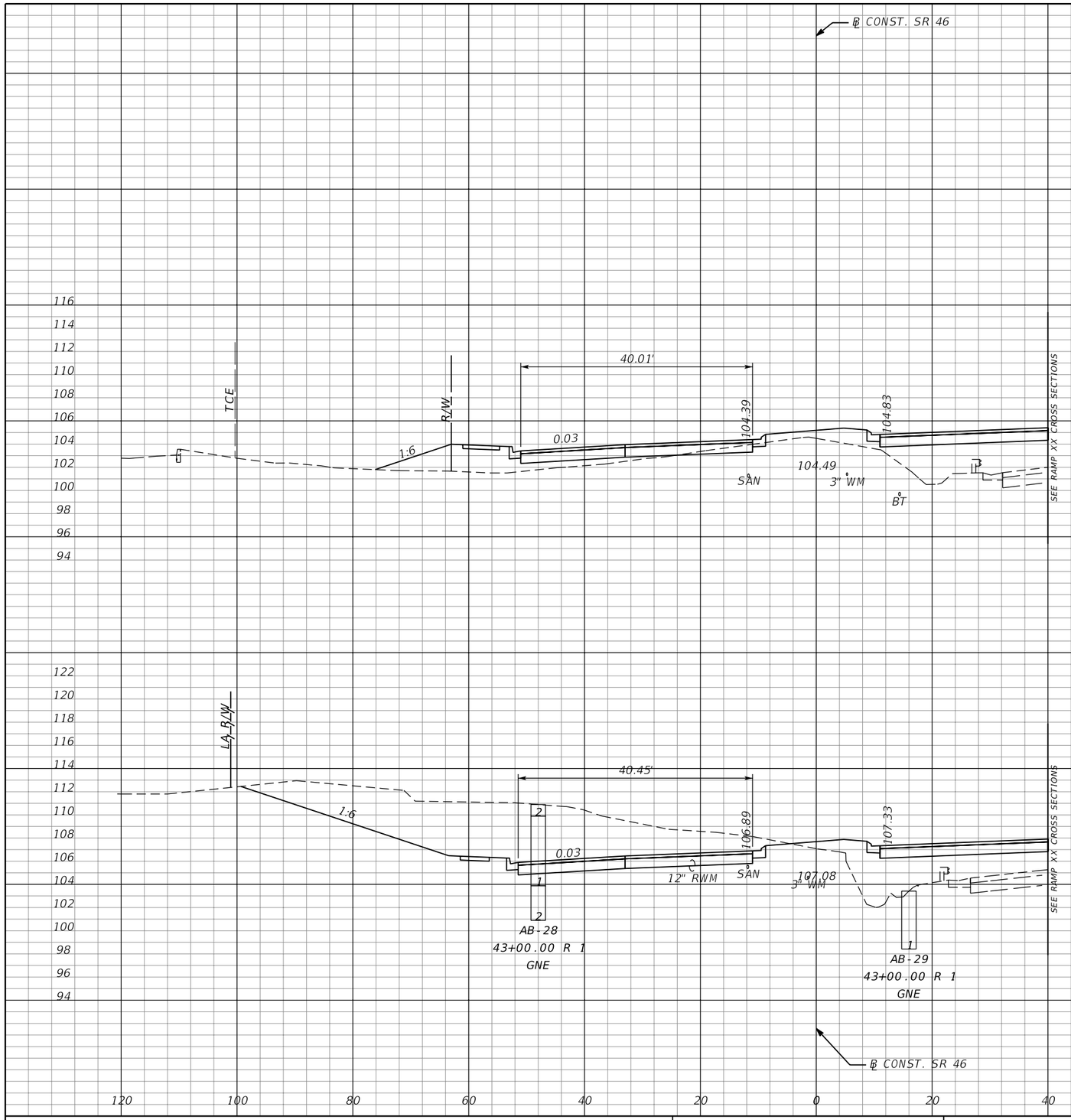
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 214

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

jcapra 3/28/2016 10:18:36 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD01.DGN



SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	5	315	138	216
0	0	335	689	95	132

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

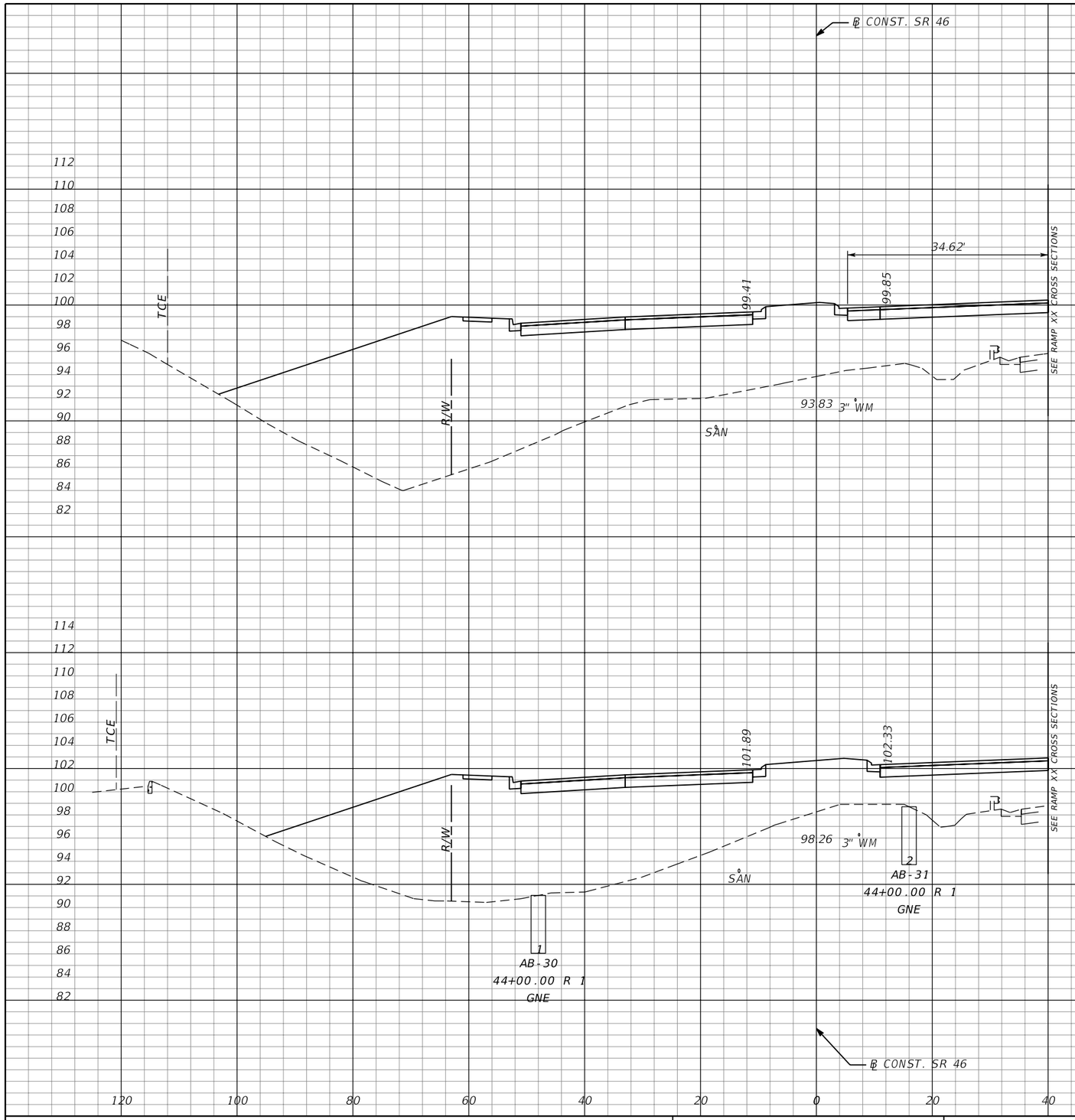
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 215

jcapra 3/28/2016 10:18:37 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD01.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	0	0	1015	1691
0	0	0	5	811	879

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

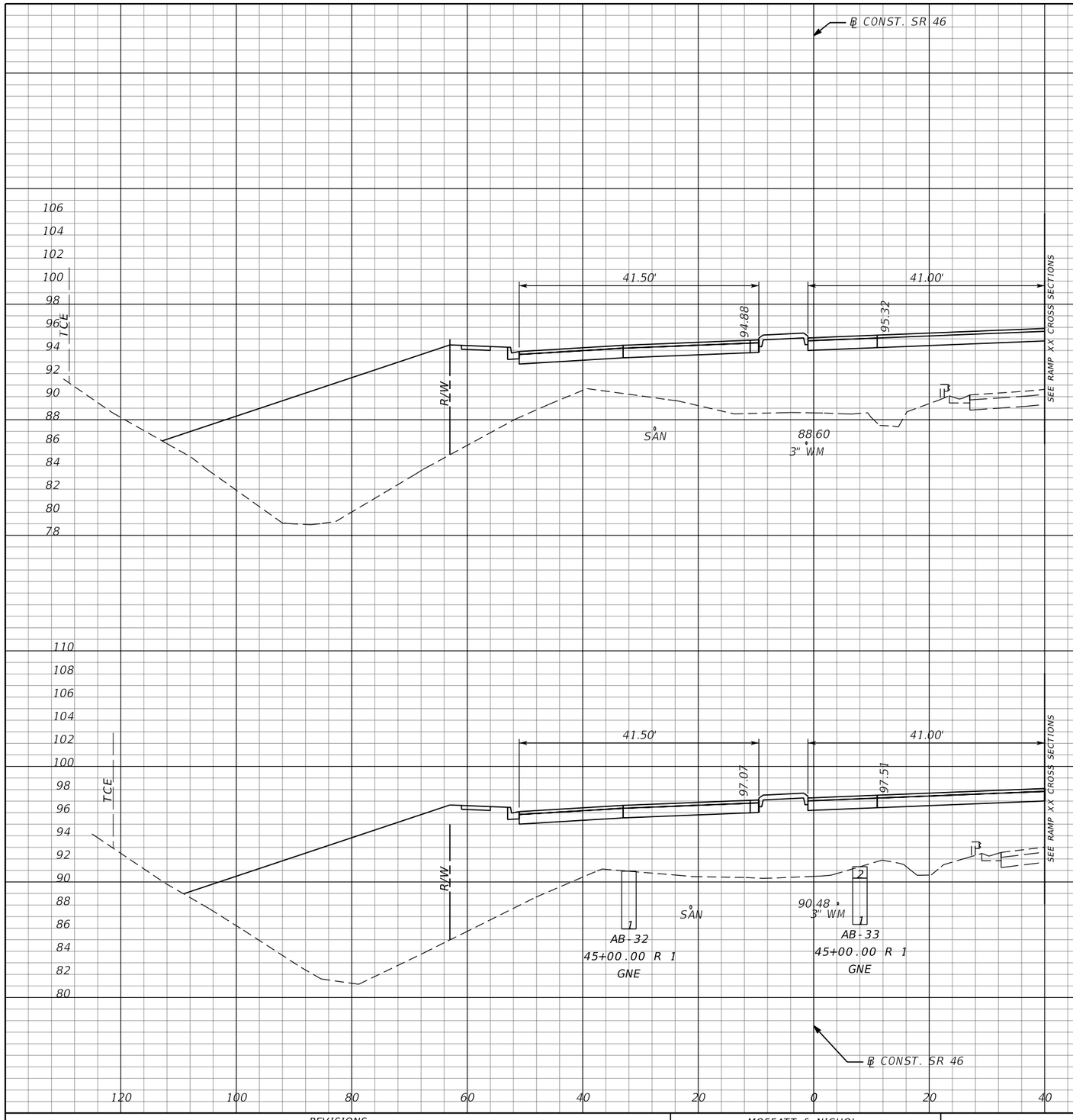
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 216

jcapra 3/28/2016 10:18:38 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD01.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	0	0	938	1798
0	0	0	0	1004	1869

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

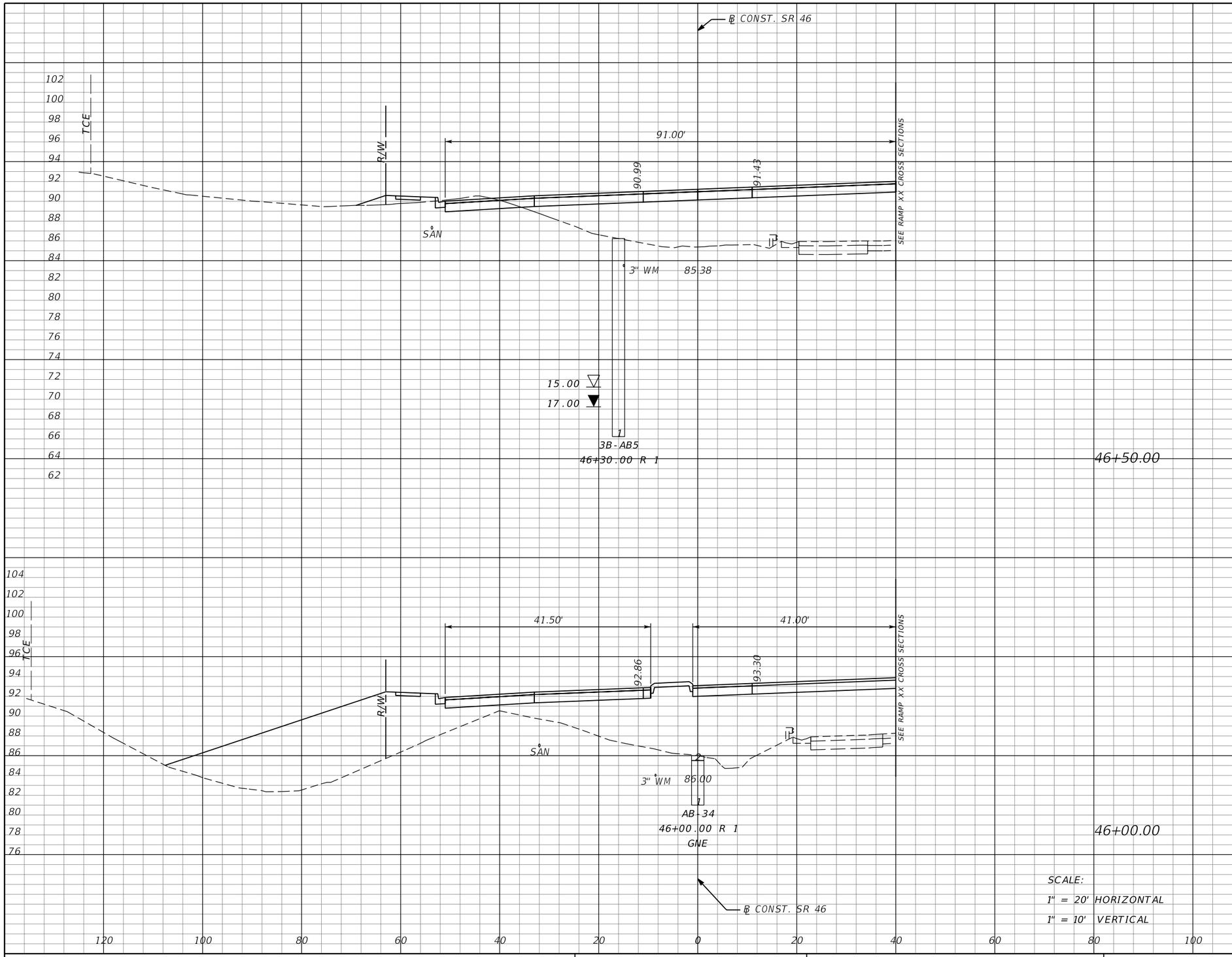
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 217

jcapra 3/28/2016 10:18:39 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD01.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	17	16	311	913
0	0	0	0	675	1494

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

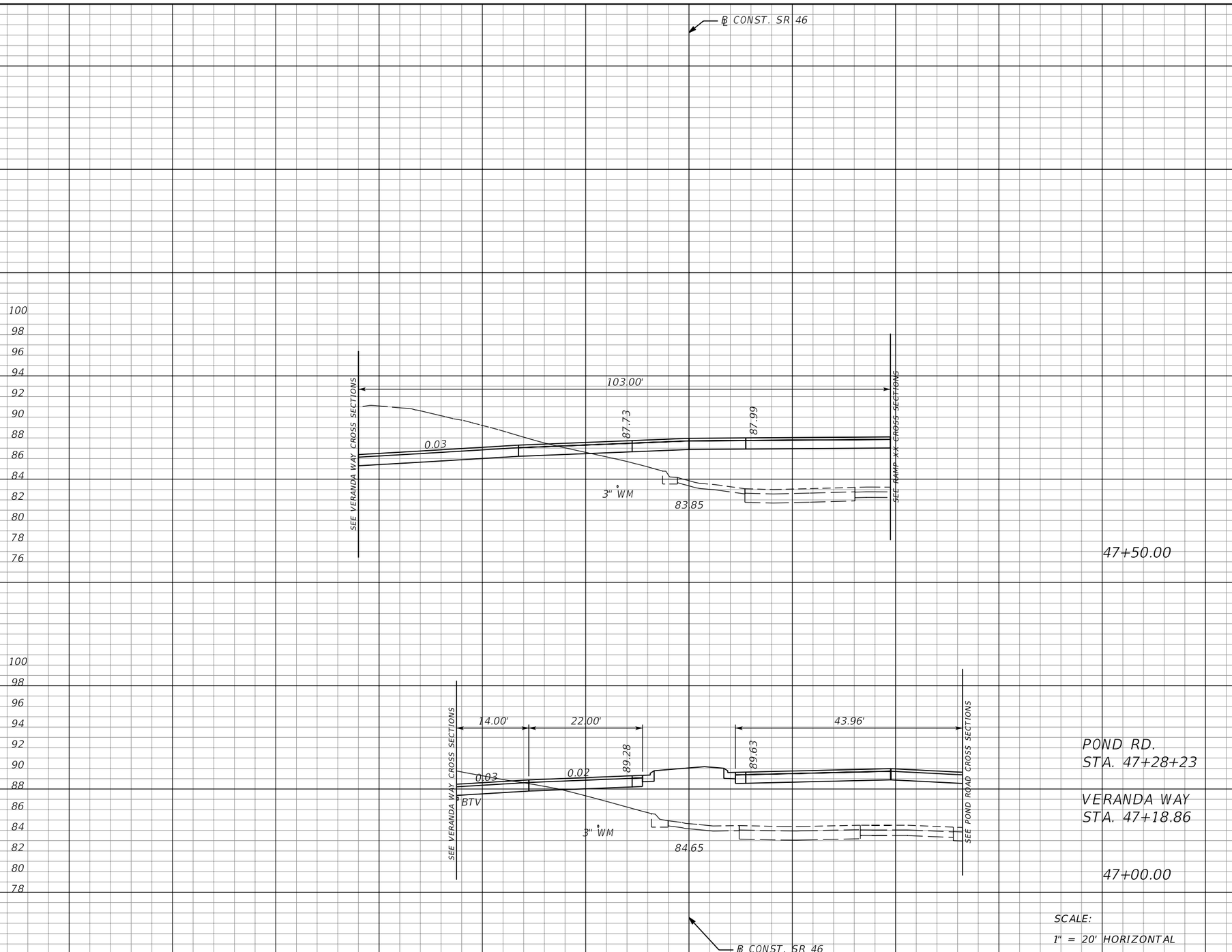
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 218

jcapra 3/28/2016 10:18:40 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD01.DGN



SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	141	178	179	456
0	0	51	63	313	578

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

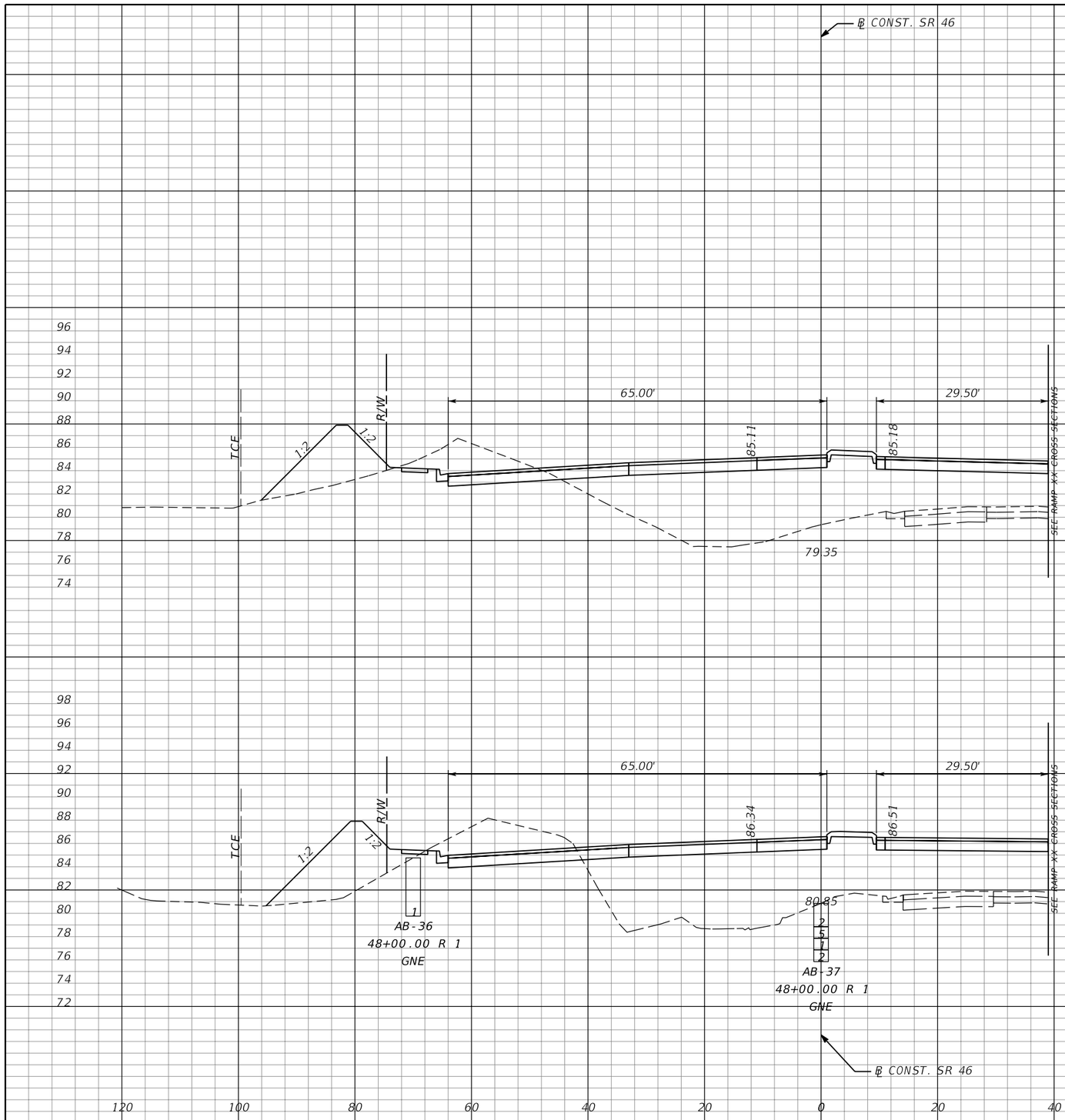
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 219



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	55	116	421	826
0	0	70	195	471	602

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

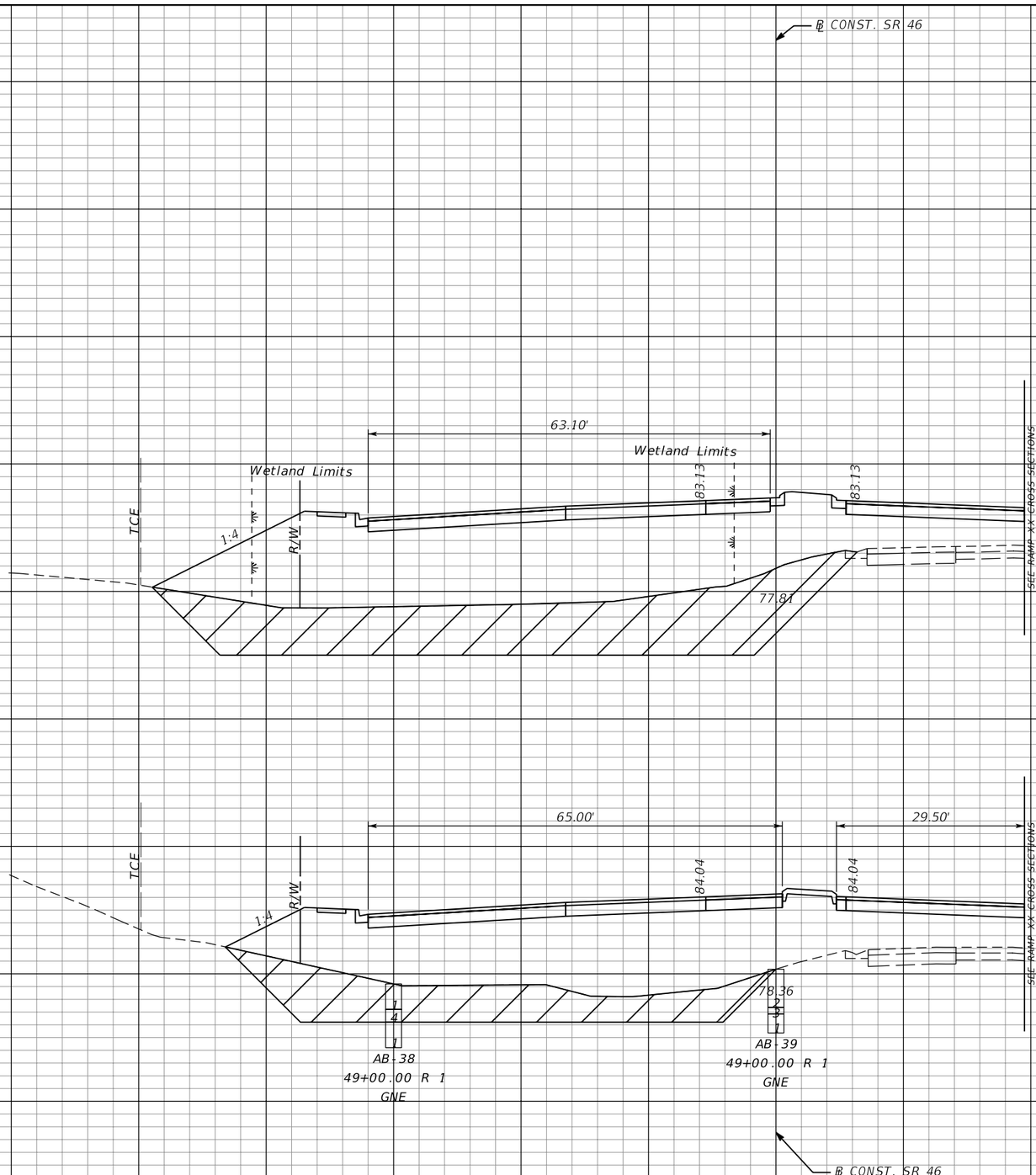
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 220

jcapra 3/28/2016 10:18:41 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD01.DGN



49+50.00

49+00.00

BEGIN SUBSOIL REMOVAL
STA. 48+75.00

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
432		0		1115	
	611		0		1767
228		0		793	
	211		51		1124

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

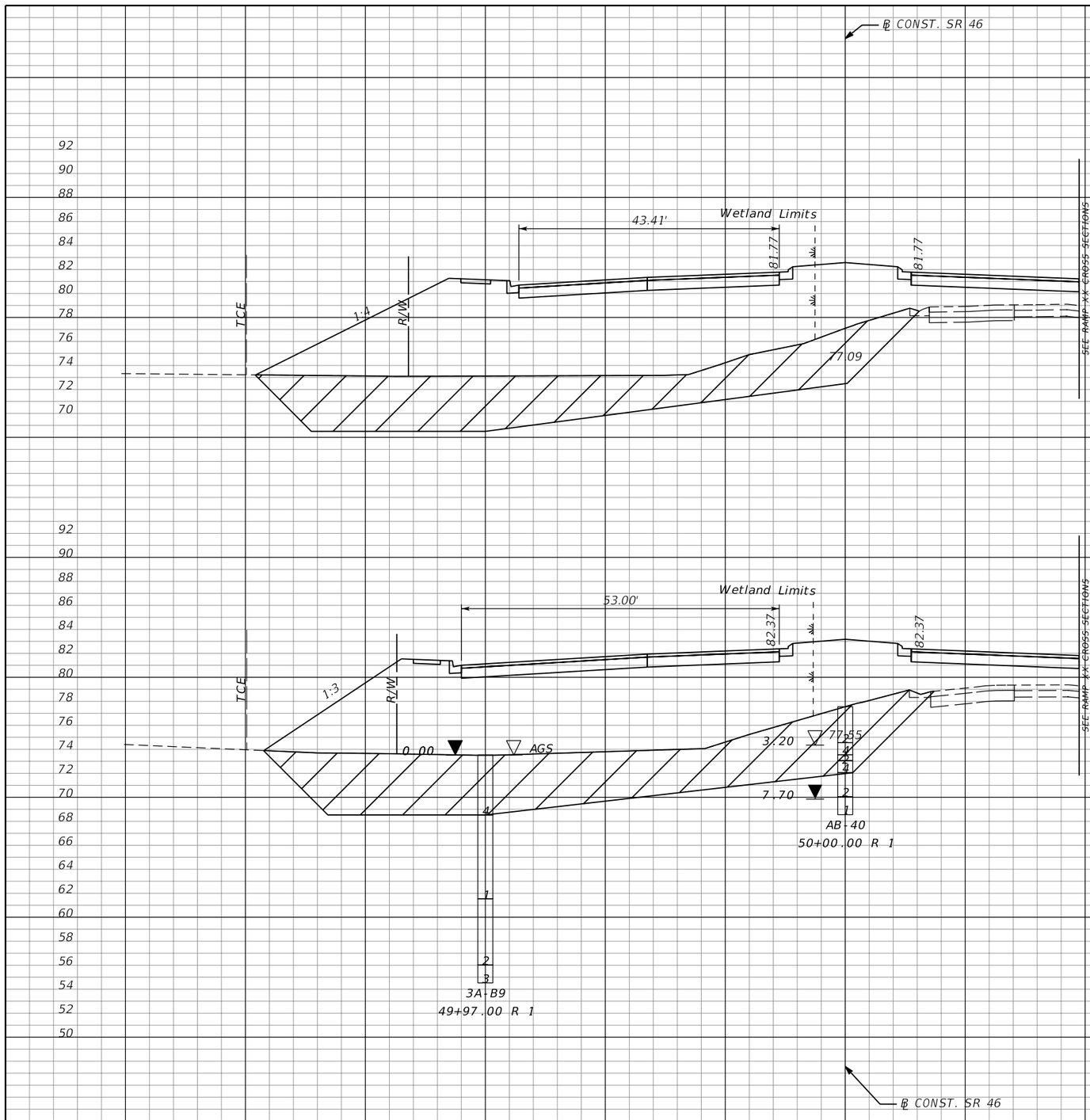
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 221

jcapra 3/28/2016 10:18:42 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD01.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
399		0		1073	
	803		0		2072
468		0		1165	
	833		0		2111

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

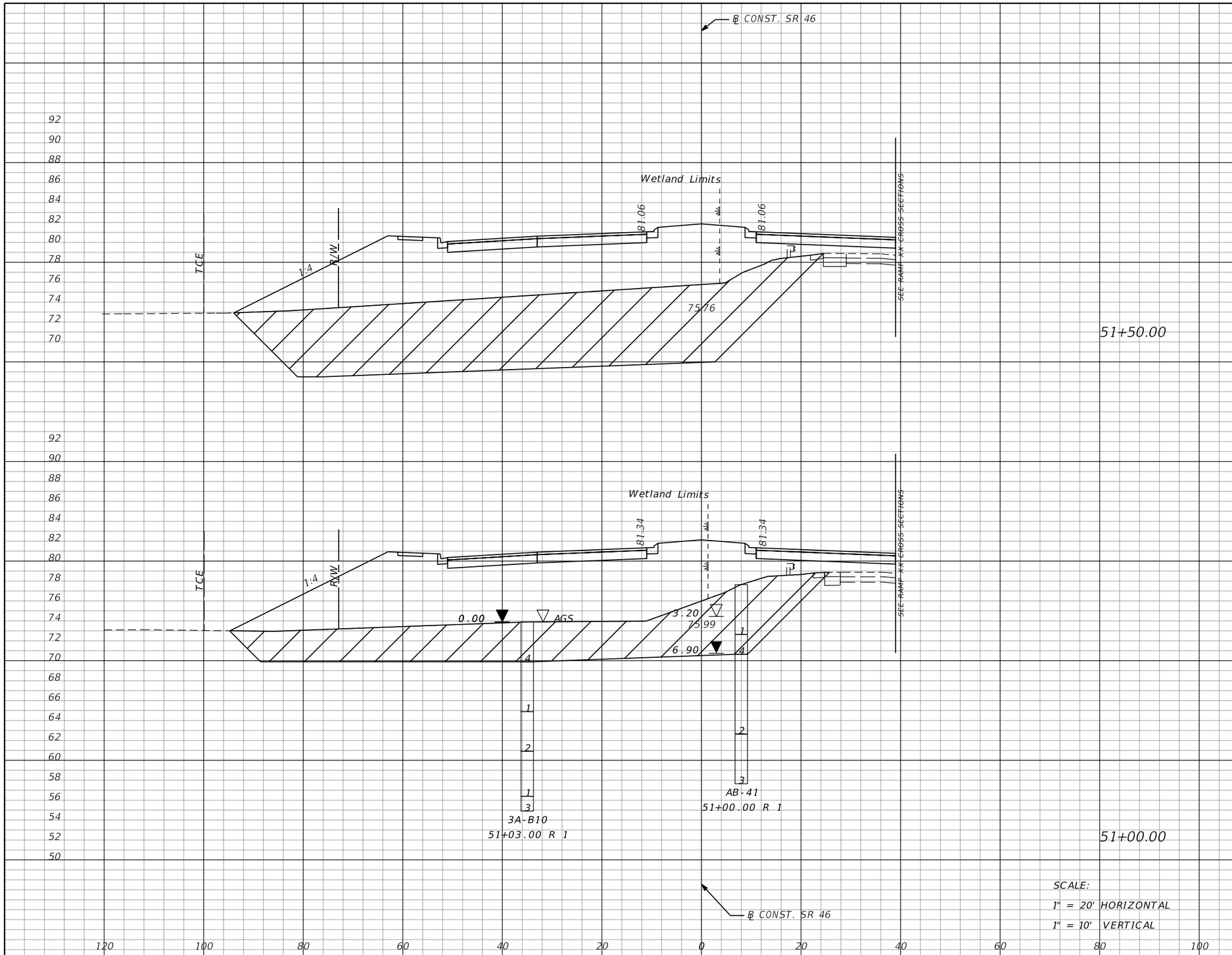
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 222

jcapra 3/28/2016 10:18:43 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD01.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
748		0		1283	
	1119		0		2185
460		0		1077	
	795		0		1991

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

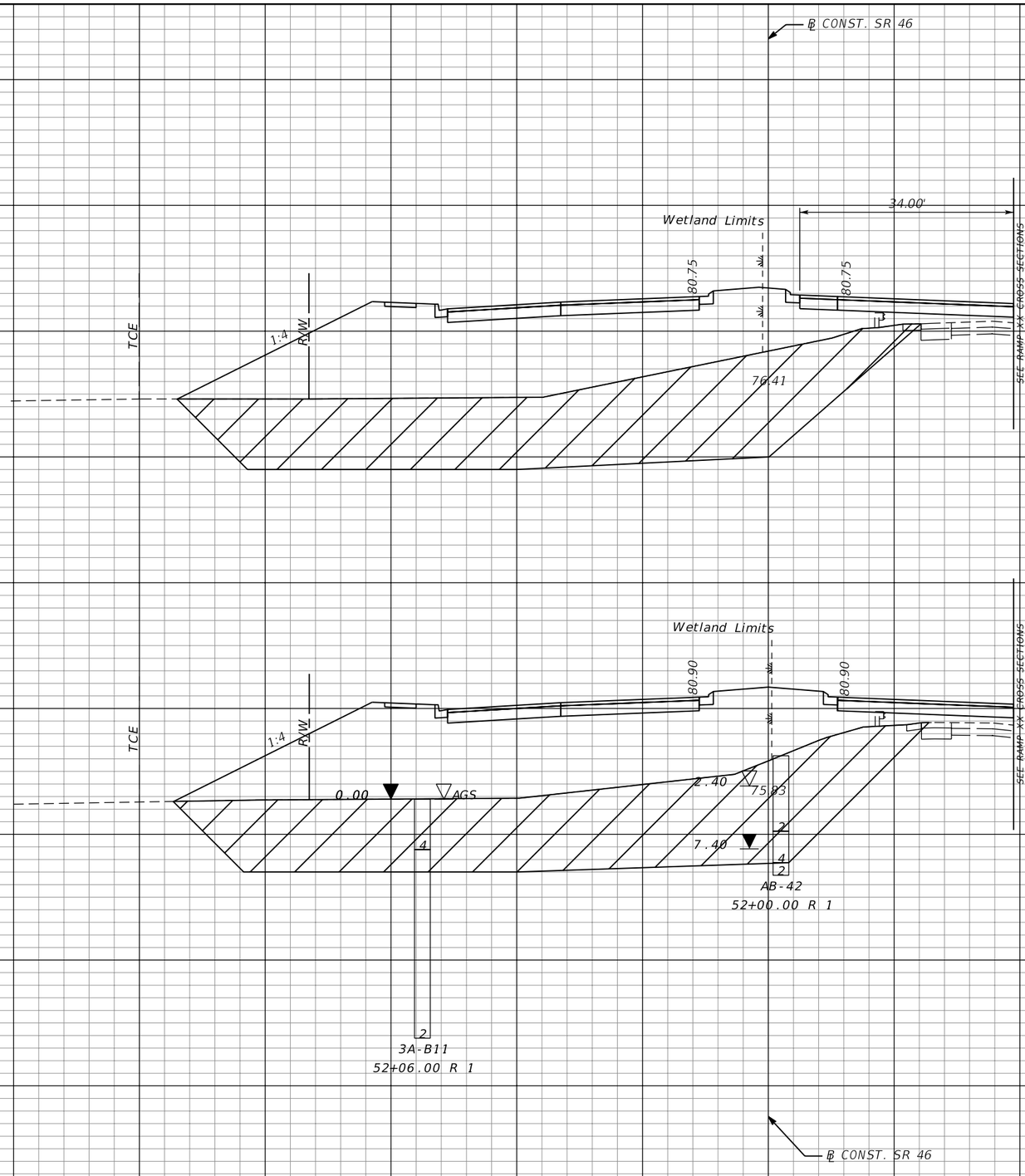
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 223

jcapra 3/28/2016 10:18:44 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD01.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
656		0		1221	
	1241		0		2318
684		0		1282	
	1326		0		2375

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

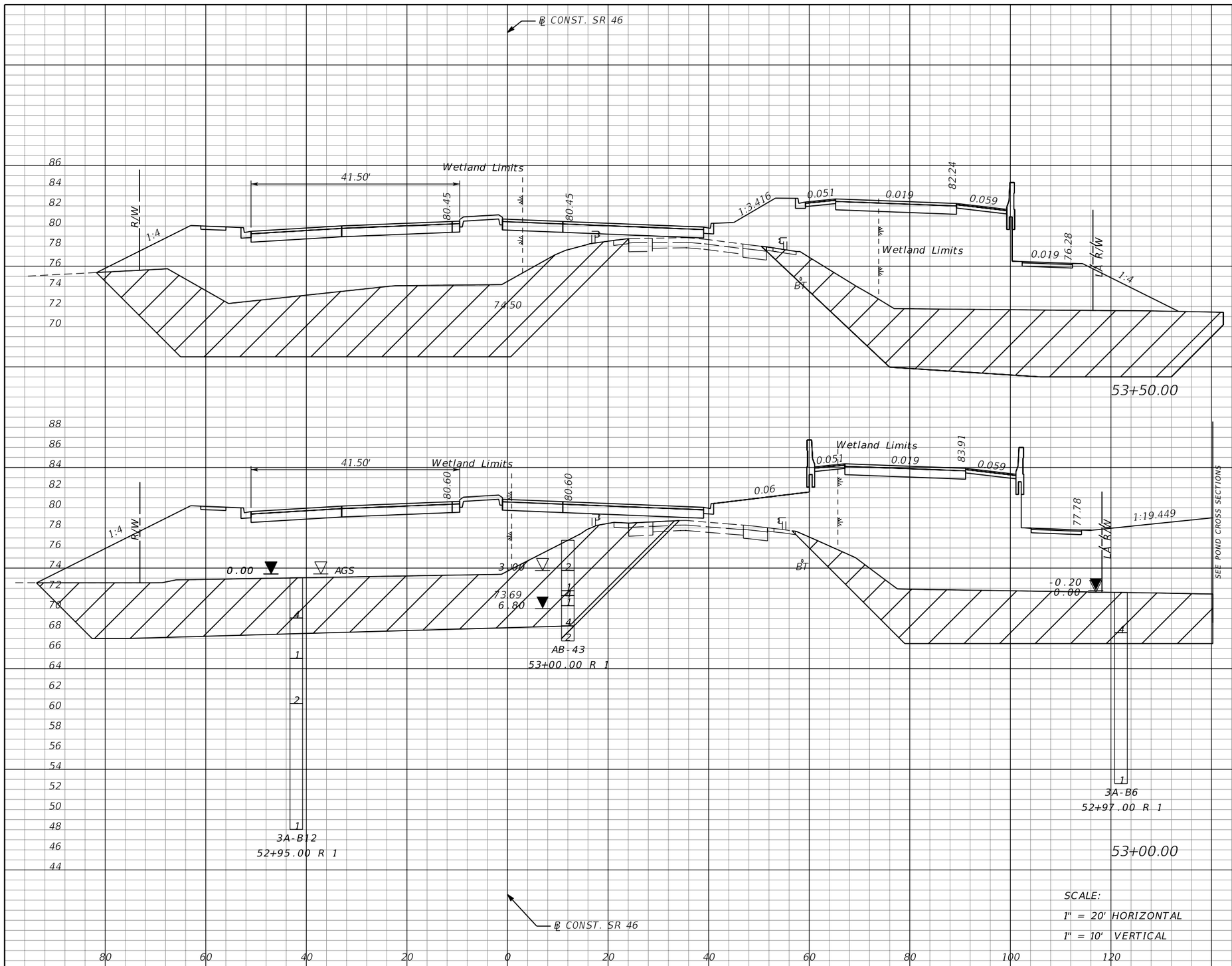
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 224

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
1101		0		2104	
	1998		0		4168
1057		0		2397	
	1586		0		3350

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

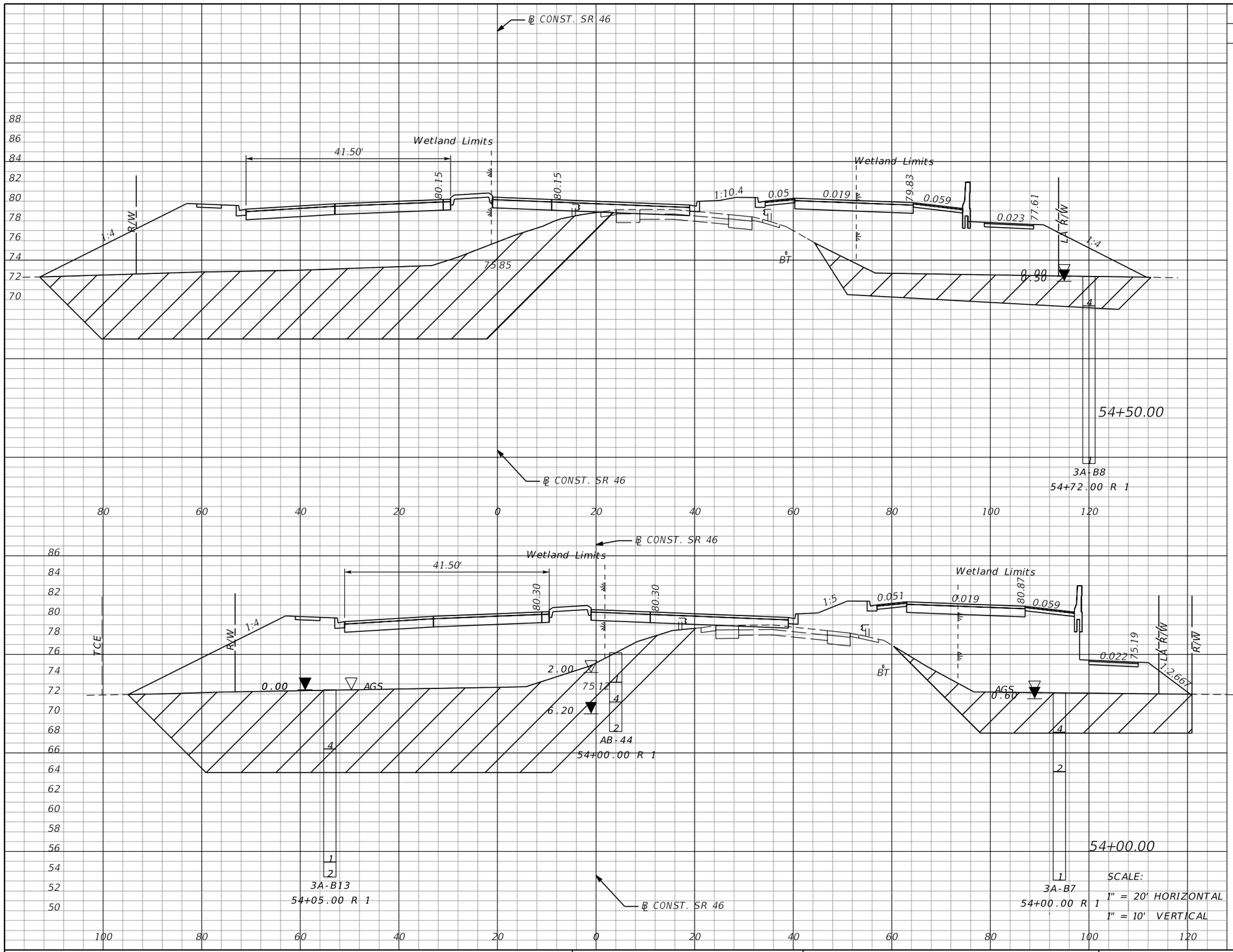
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 225

jcapra 3/28/2016 10:18:46 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD01.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
911		2		1768	
	1781		2		3451
1013		0		1959	
	1957		0		3762

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

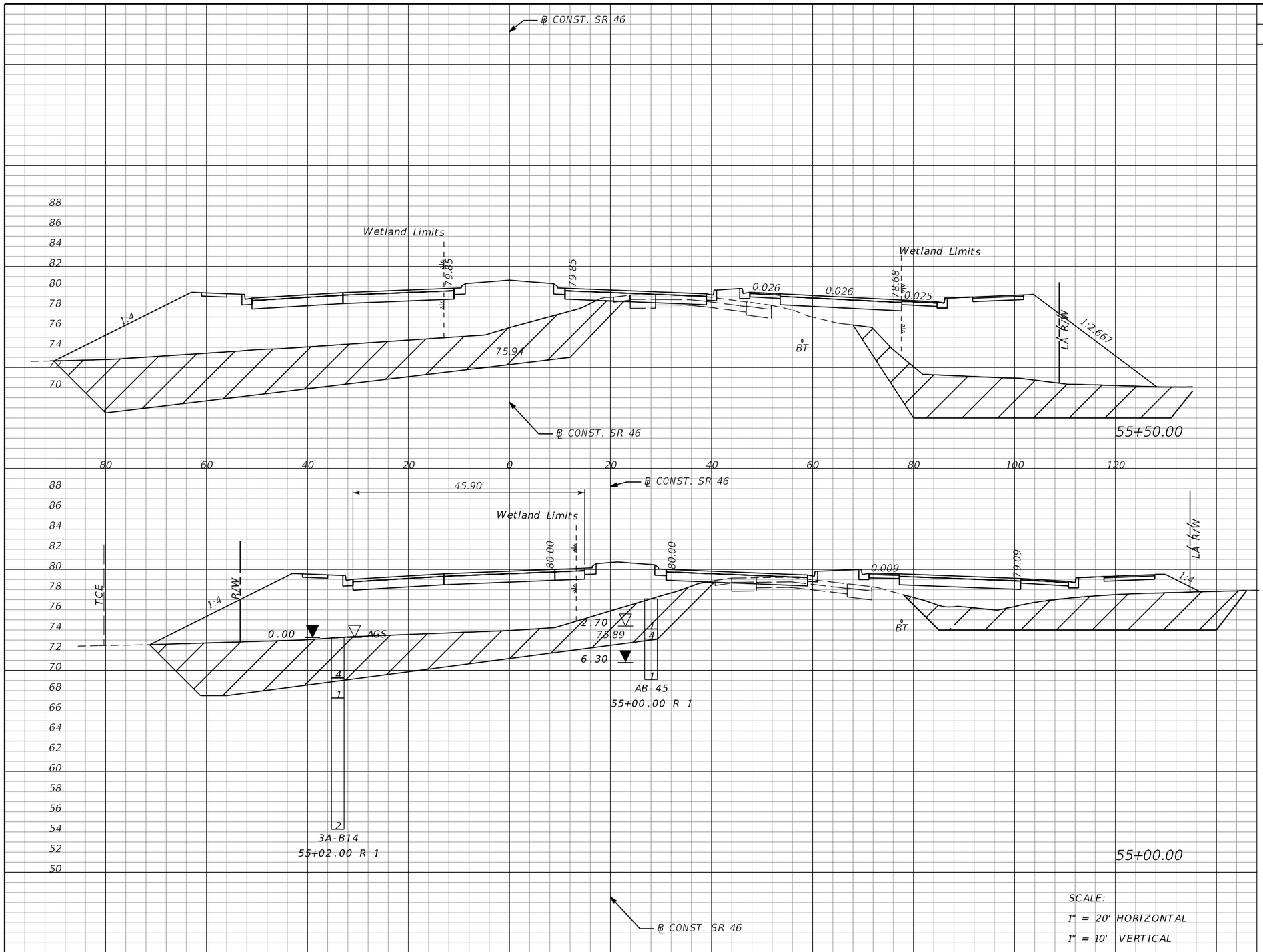
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 226

jcapra 3/28/2016 10:18:46 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD01.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
669		6		1462	
	1158		9		2429
582		4		1161	
	1382		6		2712

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

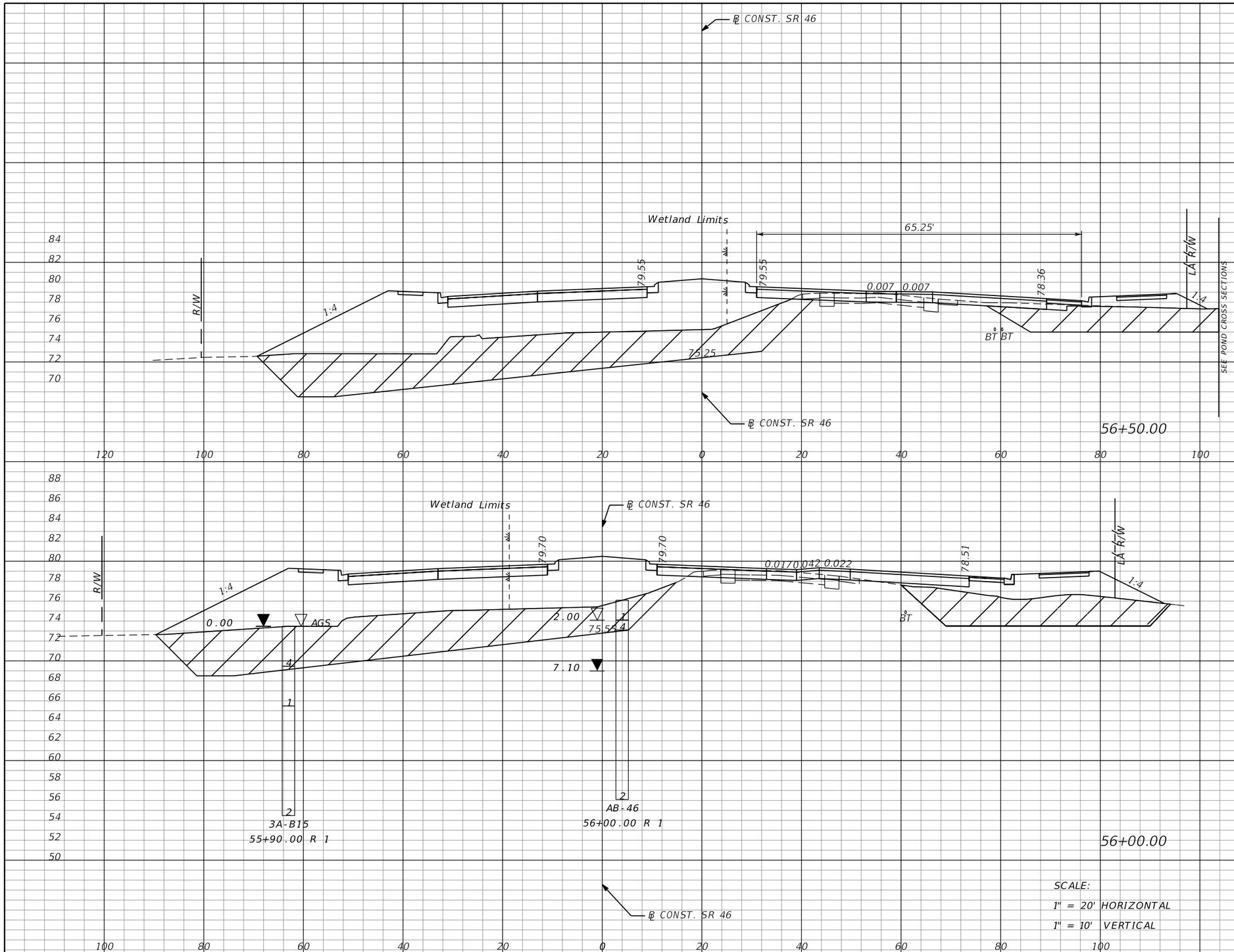
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 227

jcapra 3/28/2016 10:18:47 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD01.DGN

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
497		16		910	
	934		21		1744
512		7		973	
	1094		12		2255

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

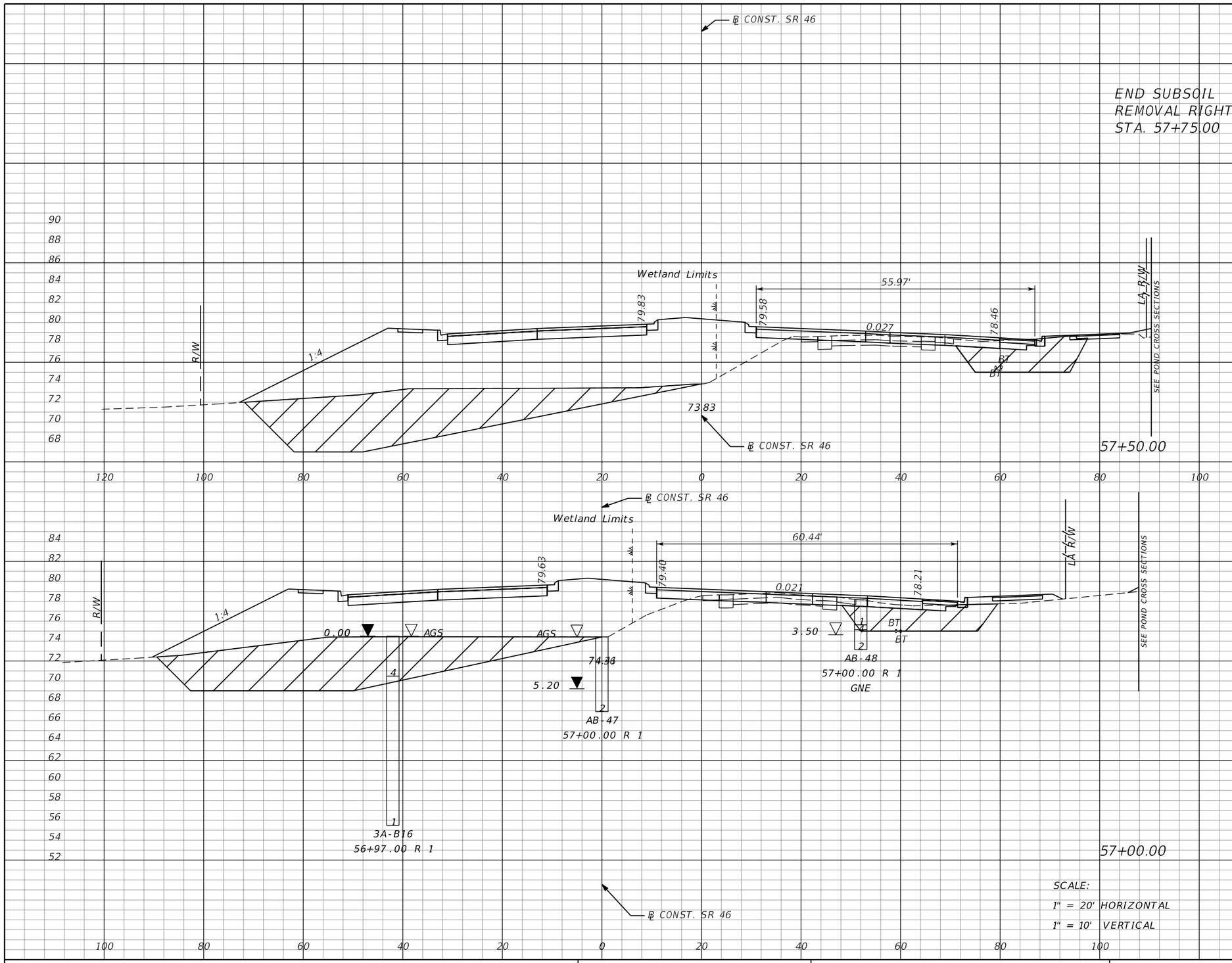
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 228

jcapra 3/28/2016 10:18:48 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD01.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
370		23		874	
	681		37		1531
366		17		780	
	799		31		1565

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

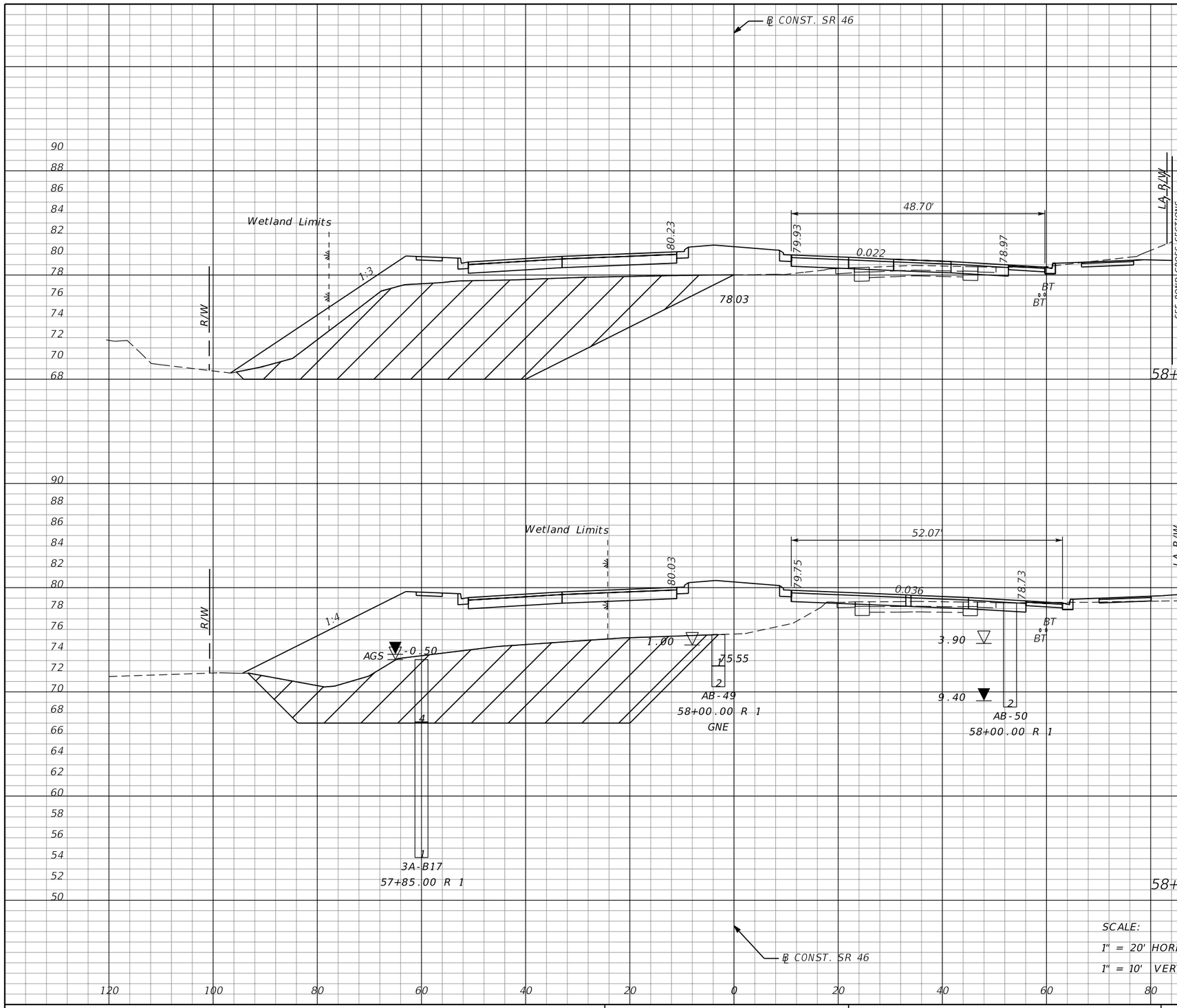
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 229

jcapra 3/28/2016 10:18:49 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD01.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
553		25		750	
	973		37		1594
498		15		972	
	804		35		1709

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

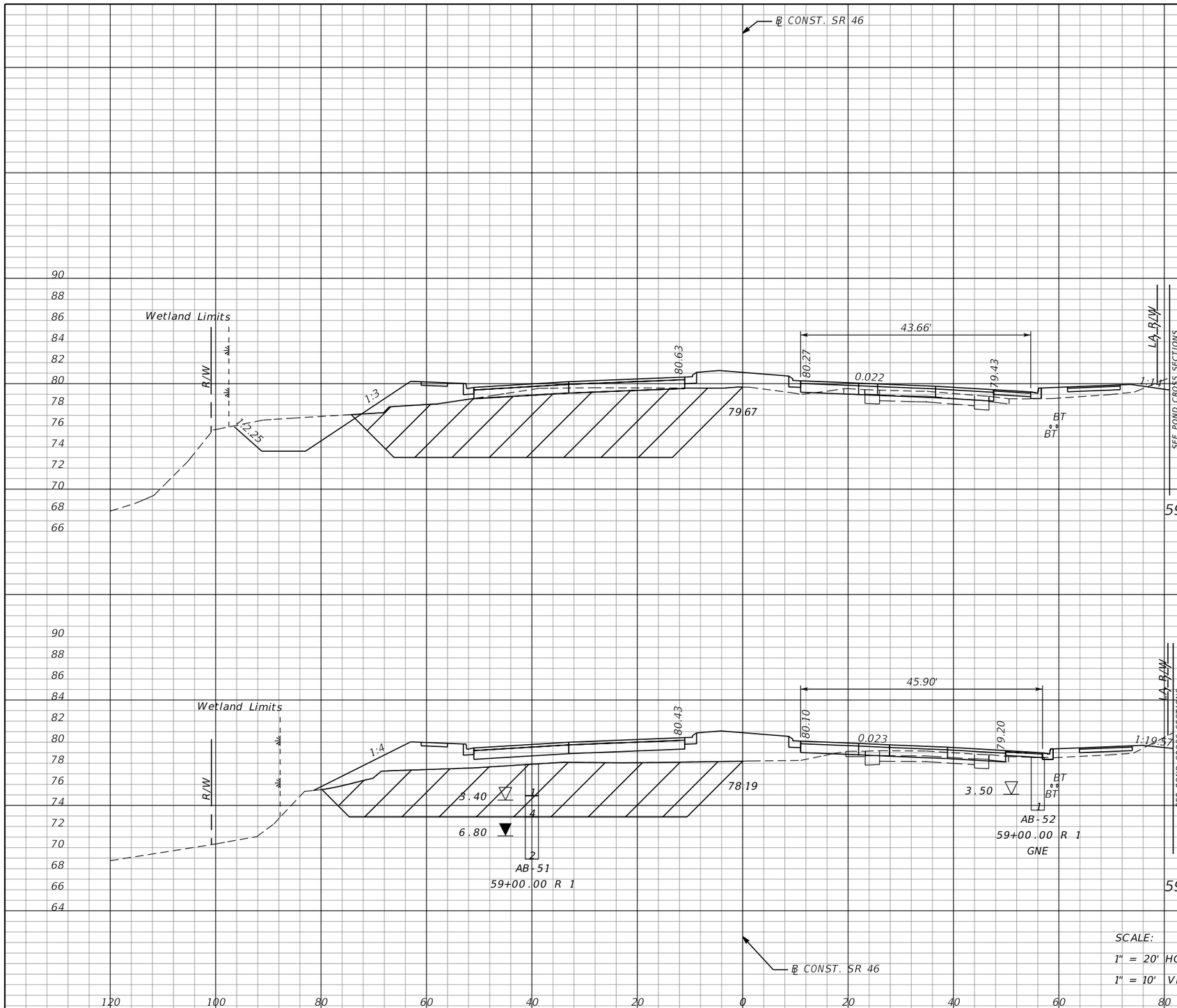
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 230

jcapra 3/28/2016 10:18:50 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD01.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
368		59		451	
	656		65		882
341		11		502	
	828		33		1159

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

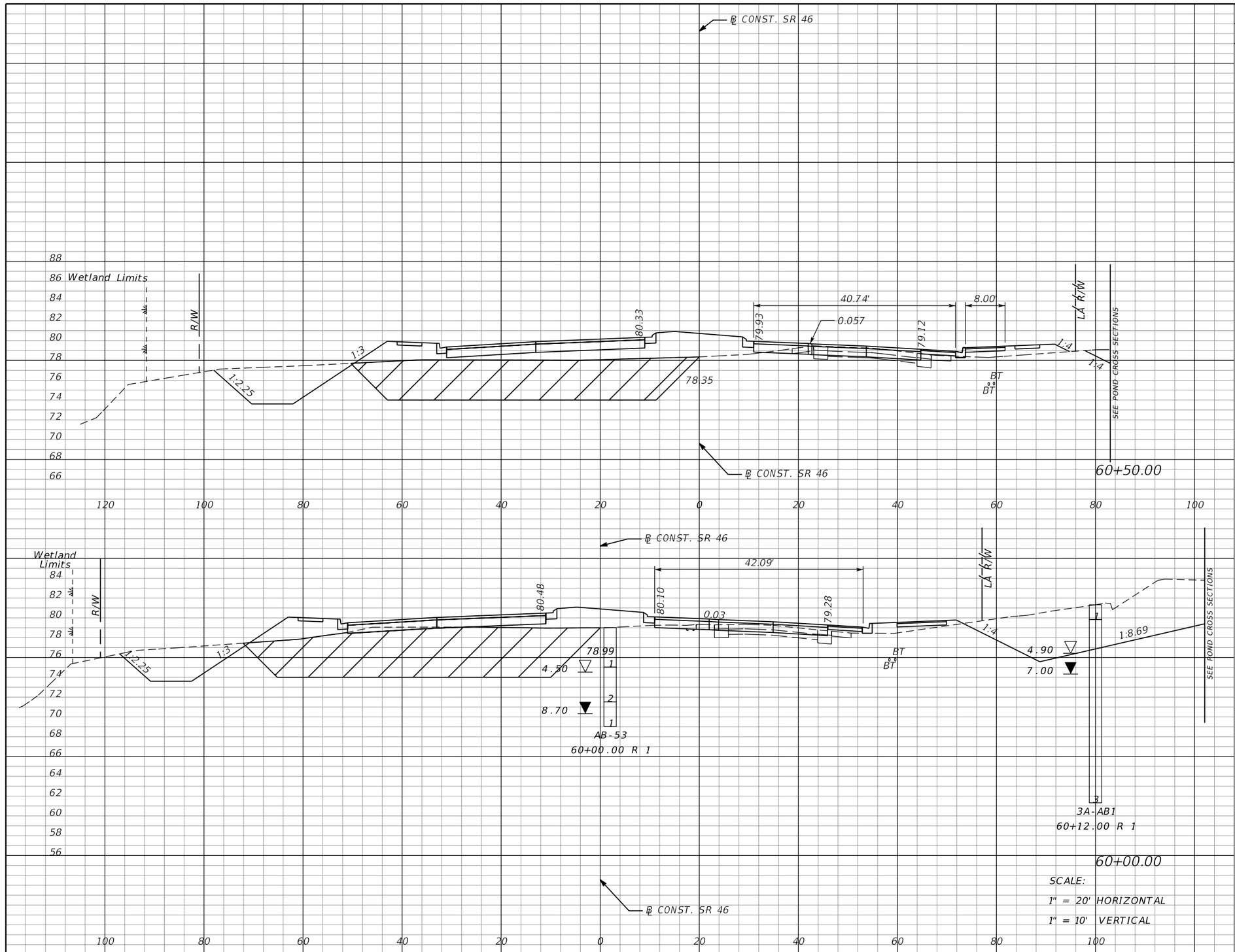
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 231

jcapra 3/28/2016 10:18:51 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD01.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
253		82		373	
	507		306		695
295		248		378	
	614		284		768

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

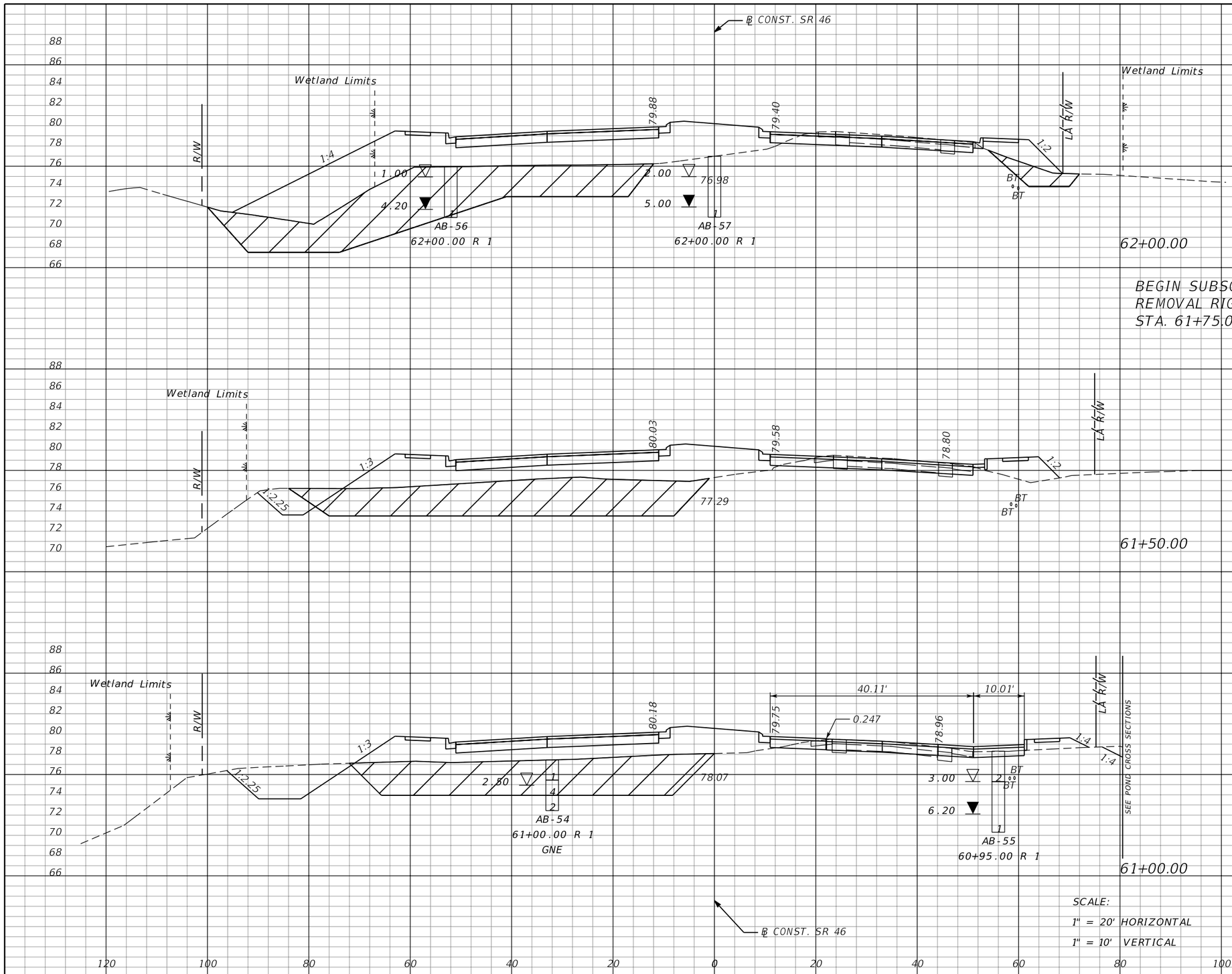
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 232

jcapra 3/28/2016 10:18:52 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD01.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
339		24		676	
	533		56		1027
237		36		433	
	431		100		746
229		72		373	
	446		143		691

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

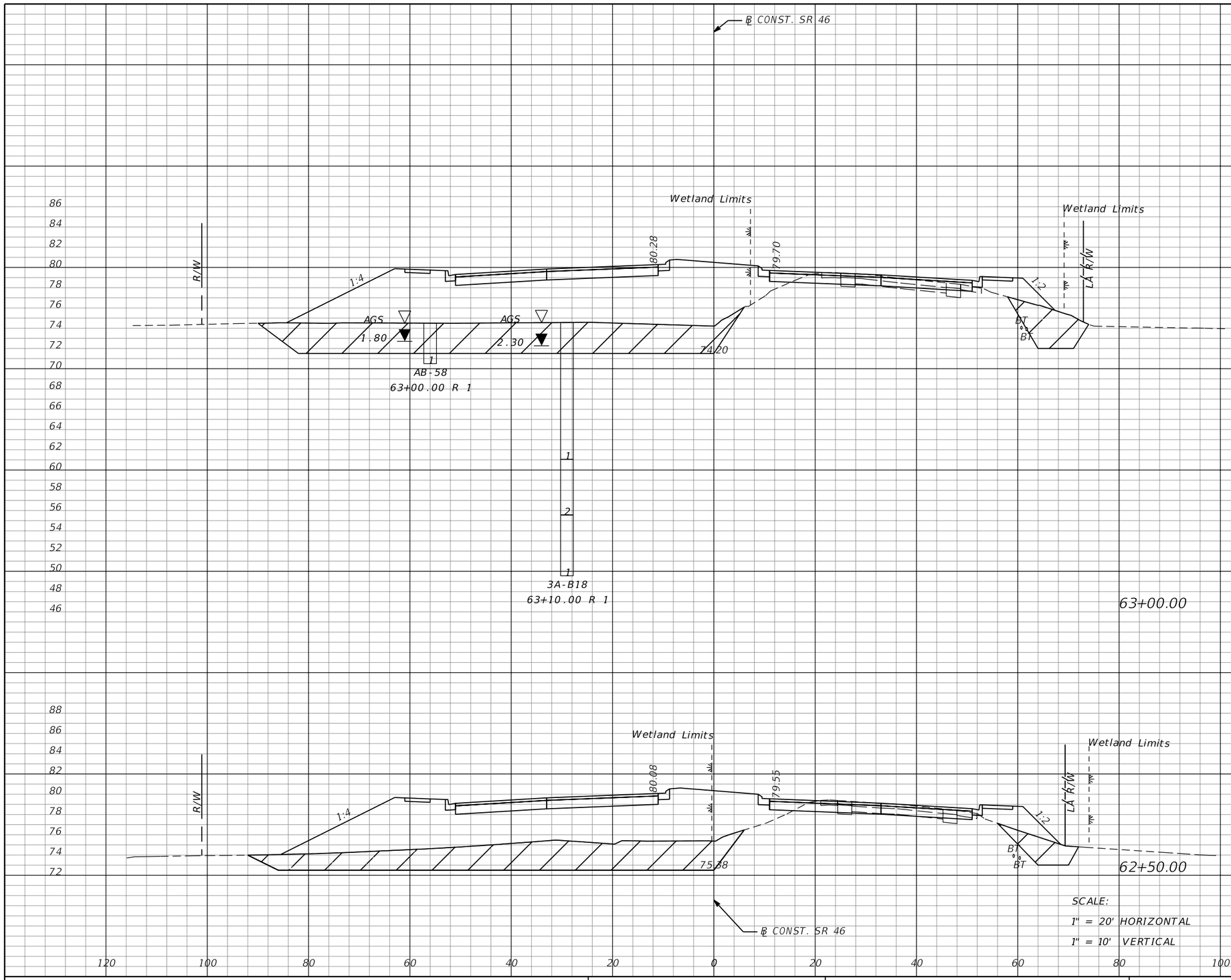
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 233

jcapra 3/28/2016 10:18:53 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD01.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
308		14		735	
	512		29		1249
245		17		614	
	541		38		1194

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

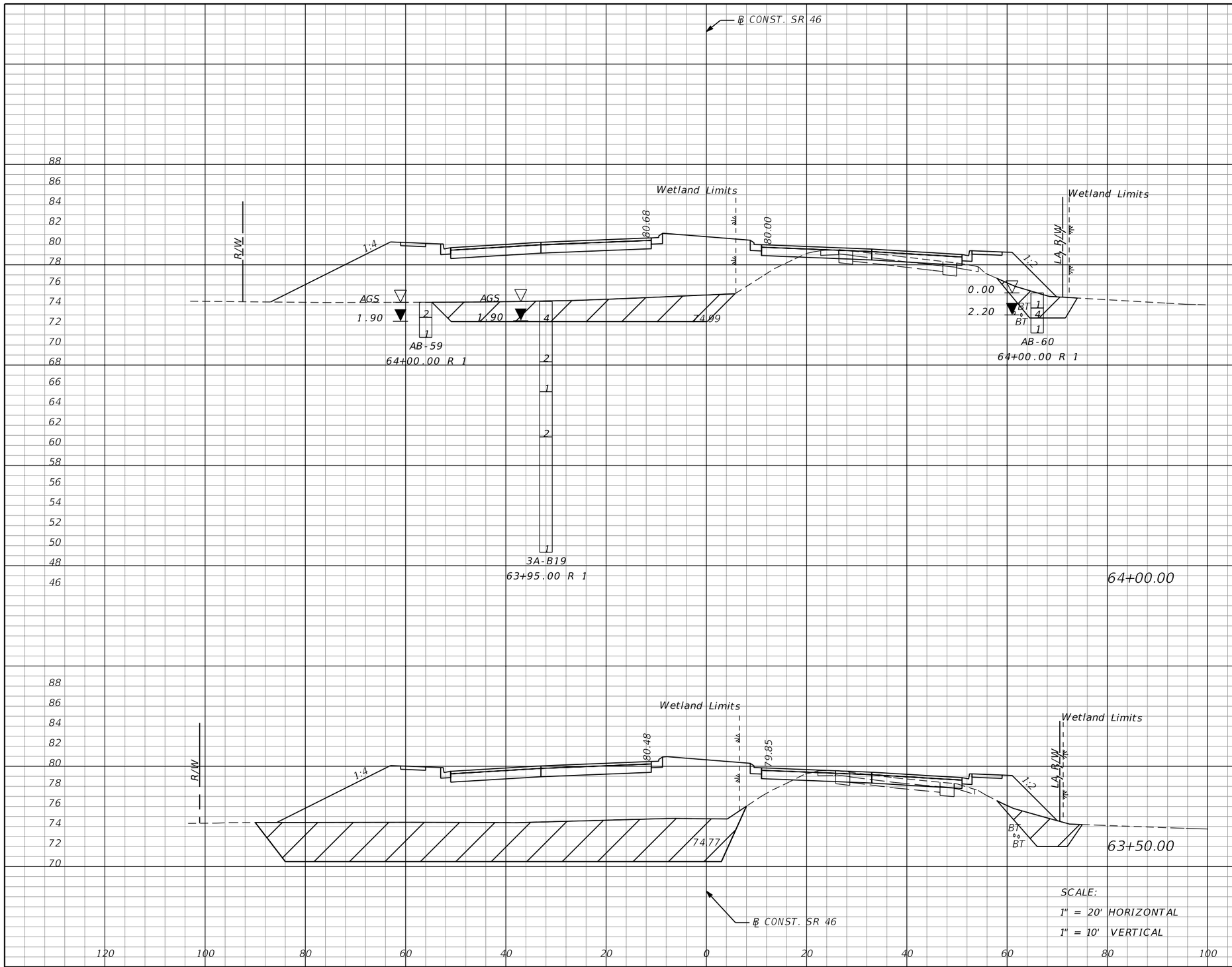
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 234

jcapra 3/28/2016 10:18:53 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD01.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
150		8		649	
	511		18		1406
402		11		869	
	657		23		1485

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

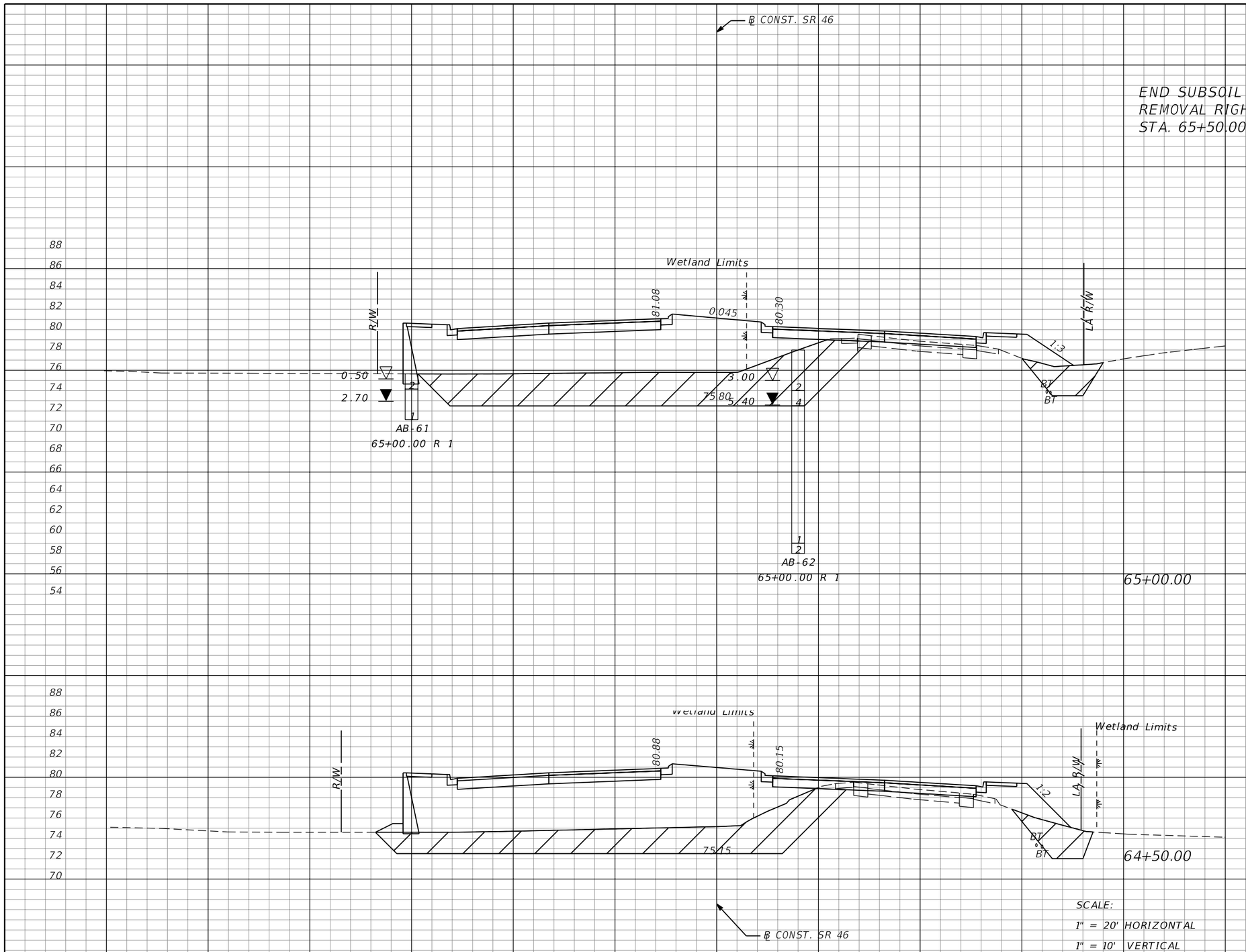
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 235



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
324		6		678	
	545		11		1244
265		6		665	
	384		13		1217

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

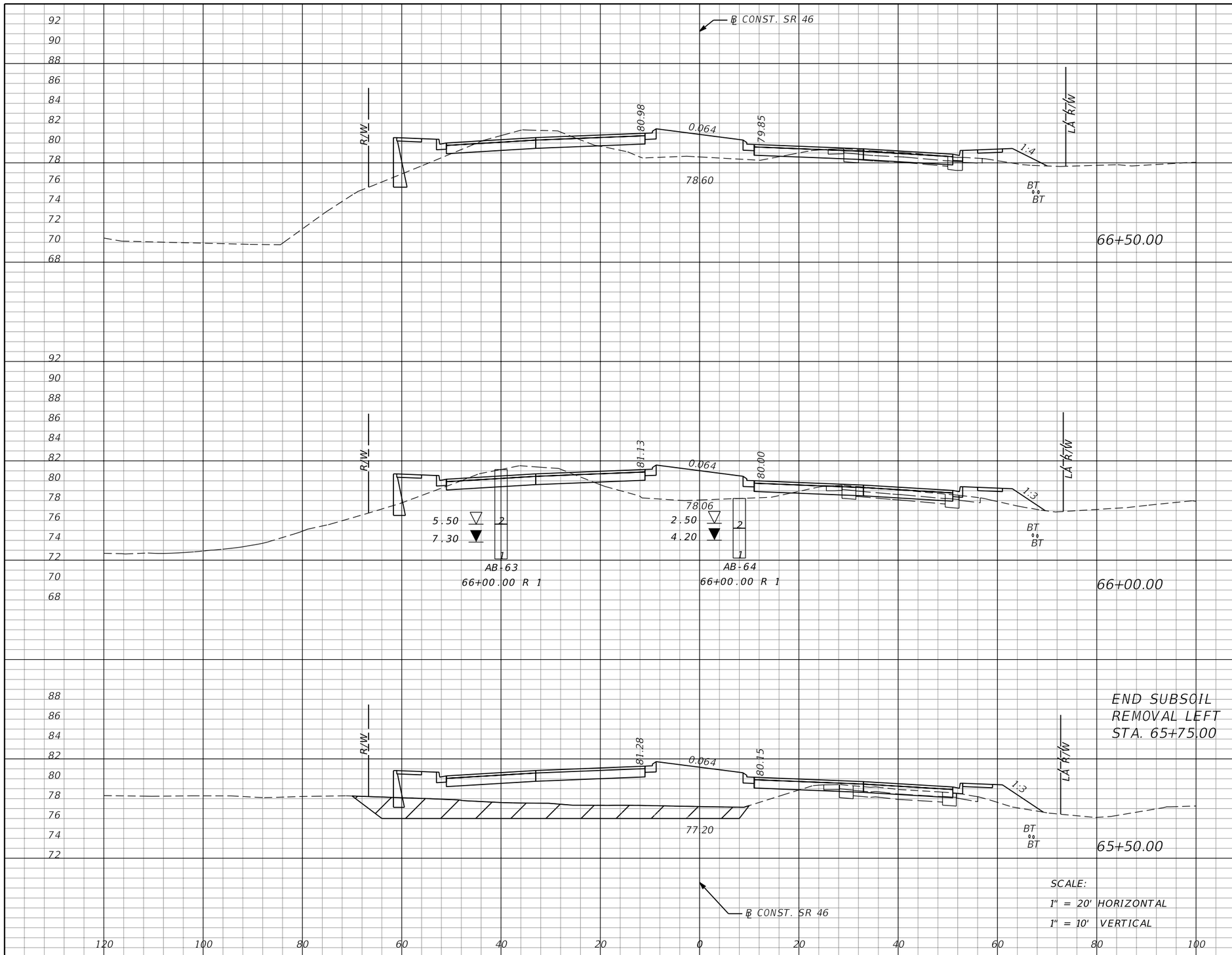
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 236

jcapra 3/28/2016 10:18:55 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD01.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0		50		92	
	0		94		184
0		51		107	
	107		56		417
116		9		343	
	407		14		945

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

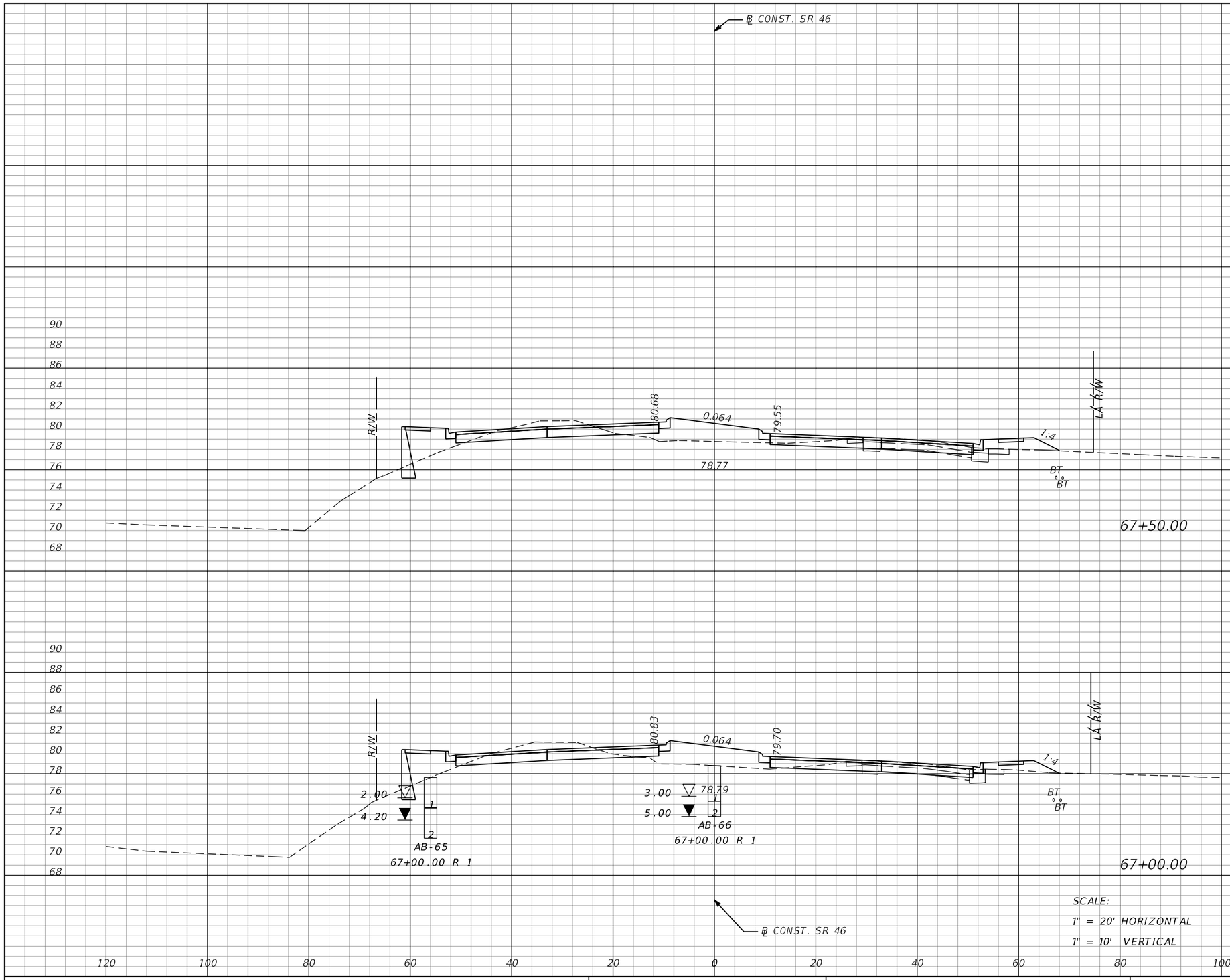
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 237

jcapra 3/28/2016 10:18:57 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD01.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	50	96	72	131
0	0	54	96	70	150

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

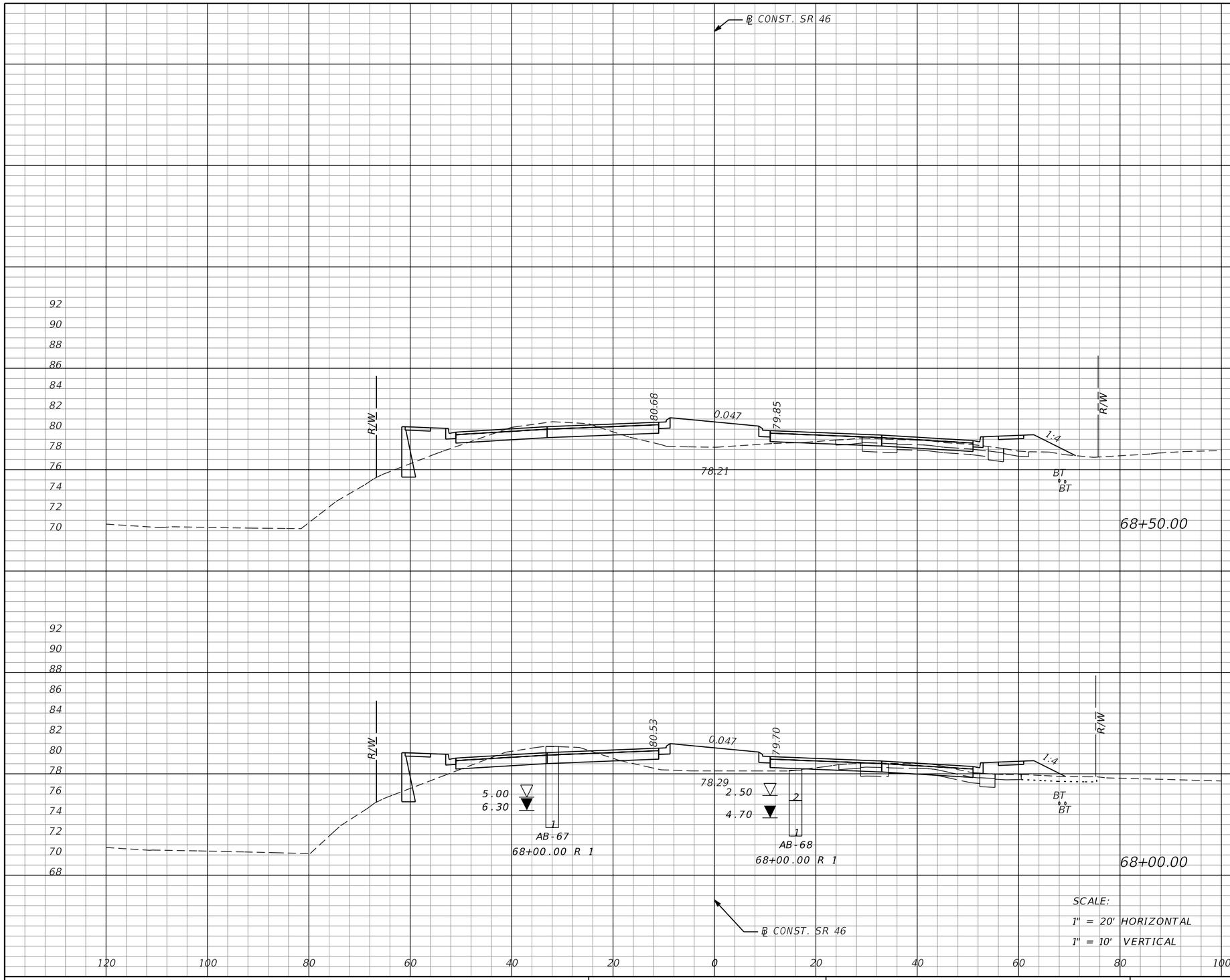
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 238

jcapra 3/28/2016 10:18:57 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD01.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	42	82	100	176
0	0	47	90	90	150

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

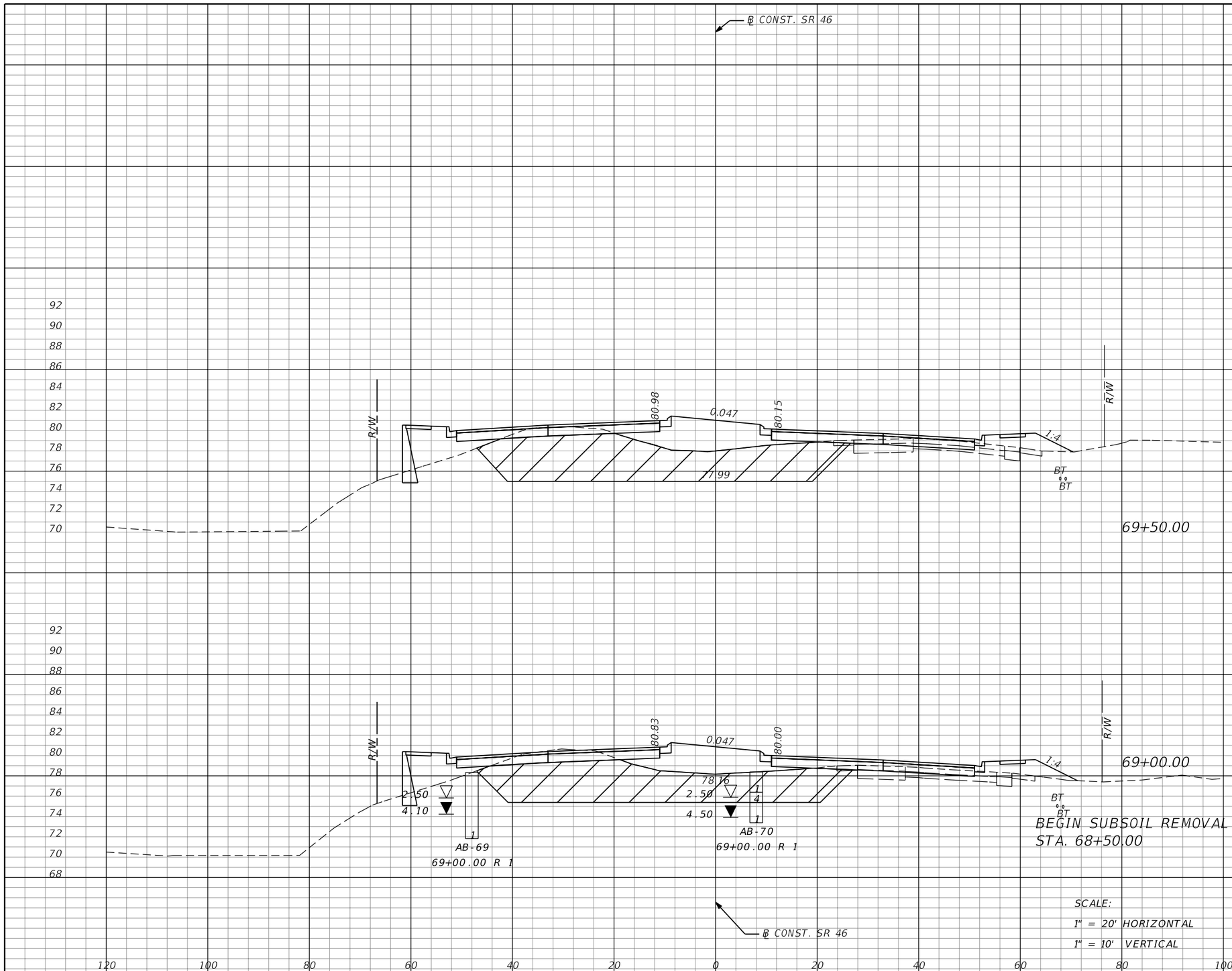
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 239



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
258		25		387	
	456		52		684
235		31		352	
	218		68		419

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

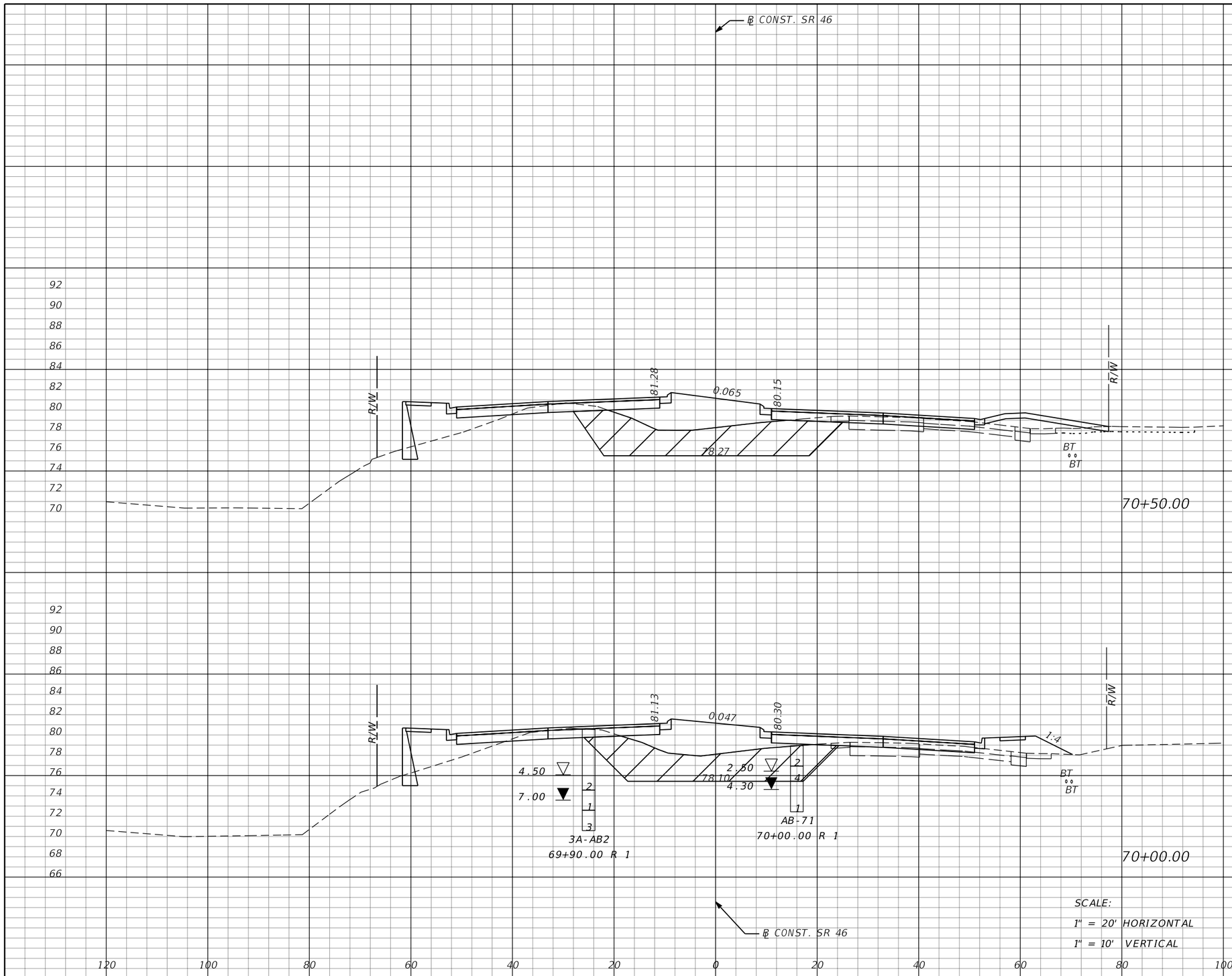
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 240



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
152		30		281	
	269		52		513
139		26		273	
	368		47		611

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

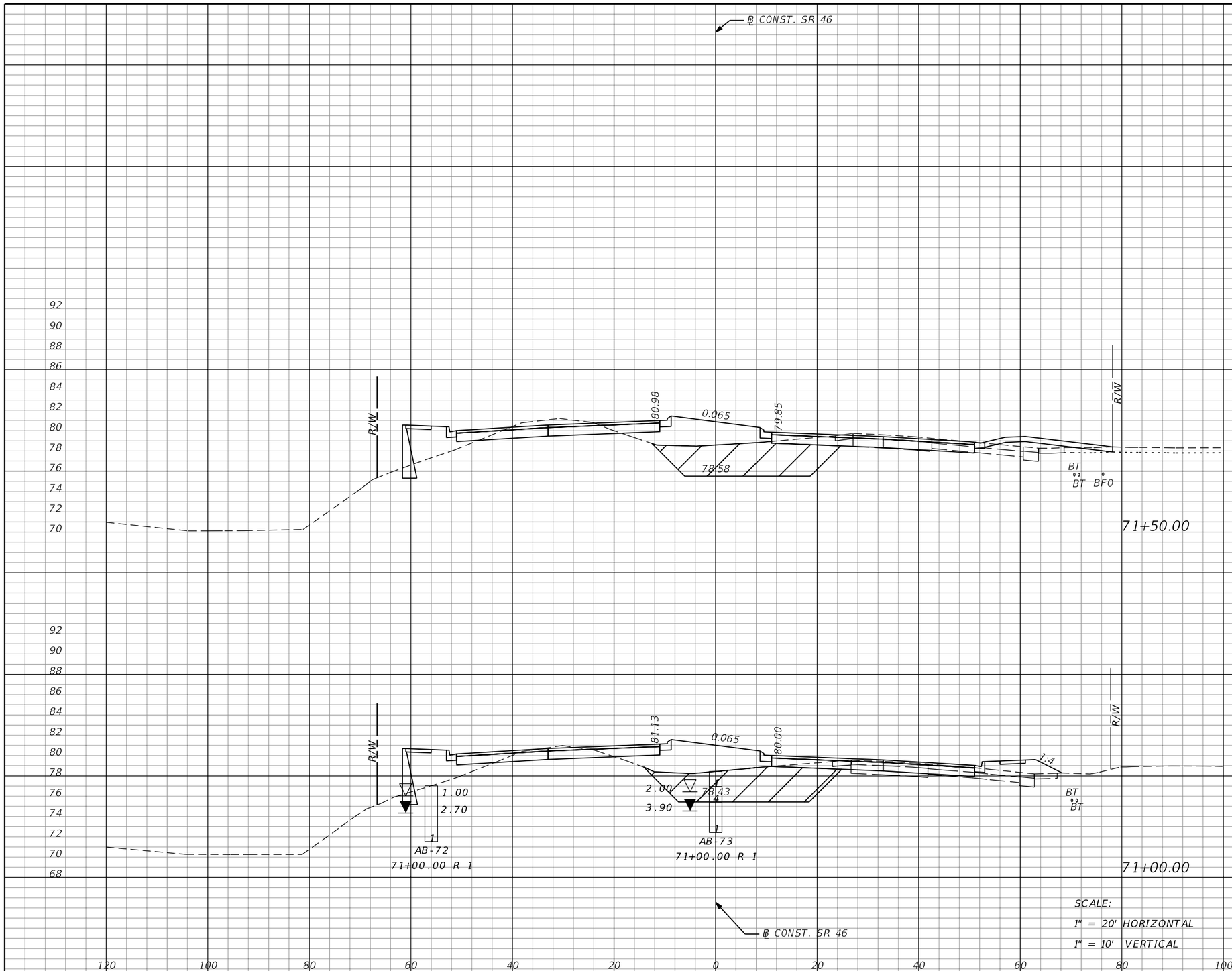
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 241

jcapra 3/28/2016 10:19:00 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD01.DGN



SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
97		66		186	
	183		102		371
101		44		215	
	234		69		459

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

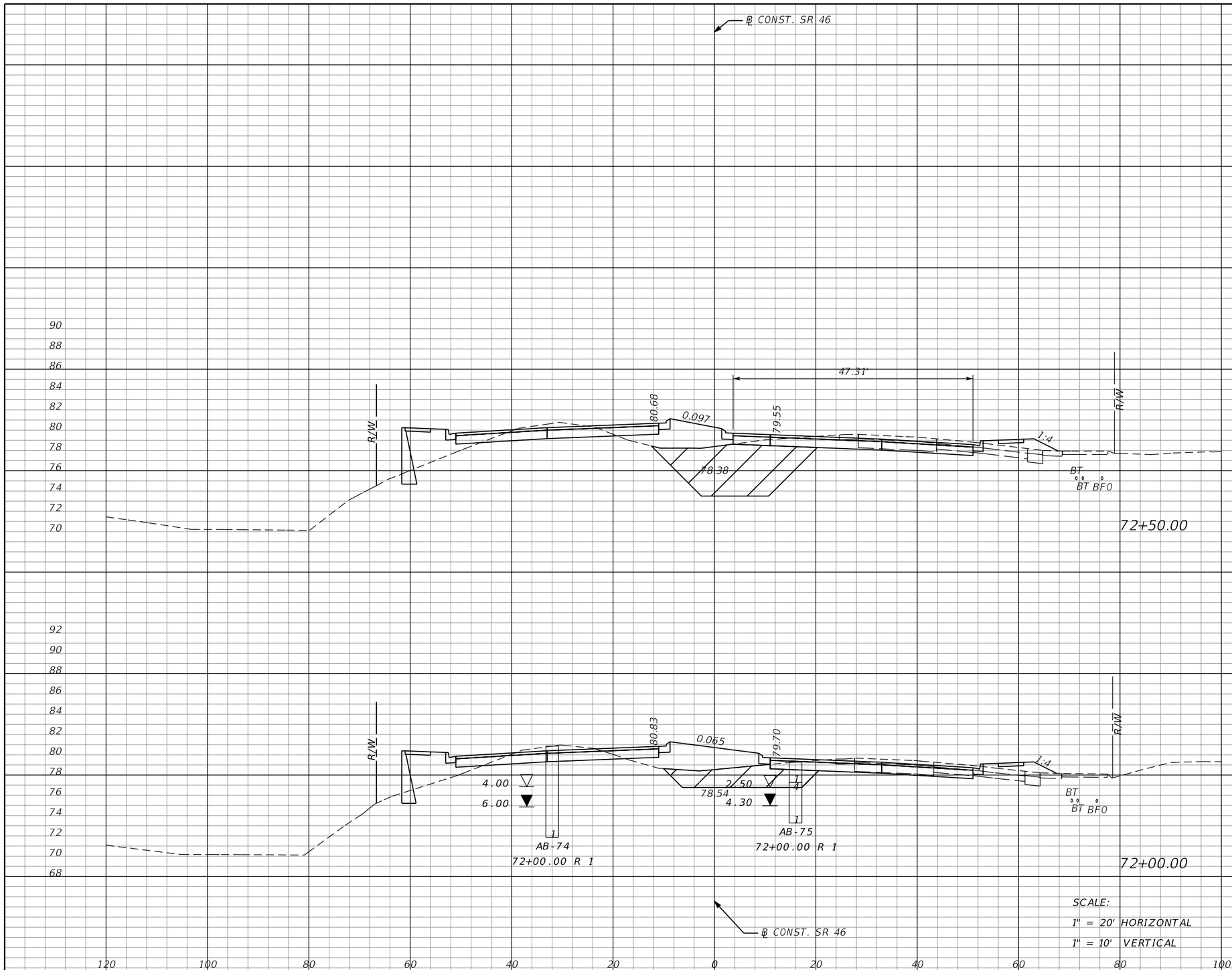
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 242

jcapra 3/28/2016 10:19:01 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD01.DGN


℄ CONST. SR 46
RIW
80.68
0.097
79.55
47.31'
78.38
1:4
BT
BT BF0
72+50.00
RIW
80.83
0.065
79.70
78.54
4.00
6.00
2.50
4.30
1
4
AB-74
72+00.00 R 1
AB-75
72+00.00 R 1
72+00.00
℄ CONST. SR 46
SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL
90
88
86
84
82
80
78
76
74
72
70
68
92
120
100
80
60
40
20
0
20
40
60
80
100

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
112	150	73	133	193	306
50	136	71	127	138	300

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

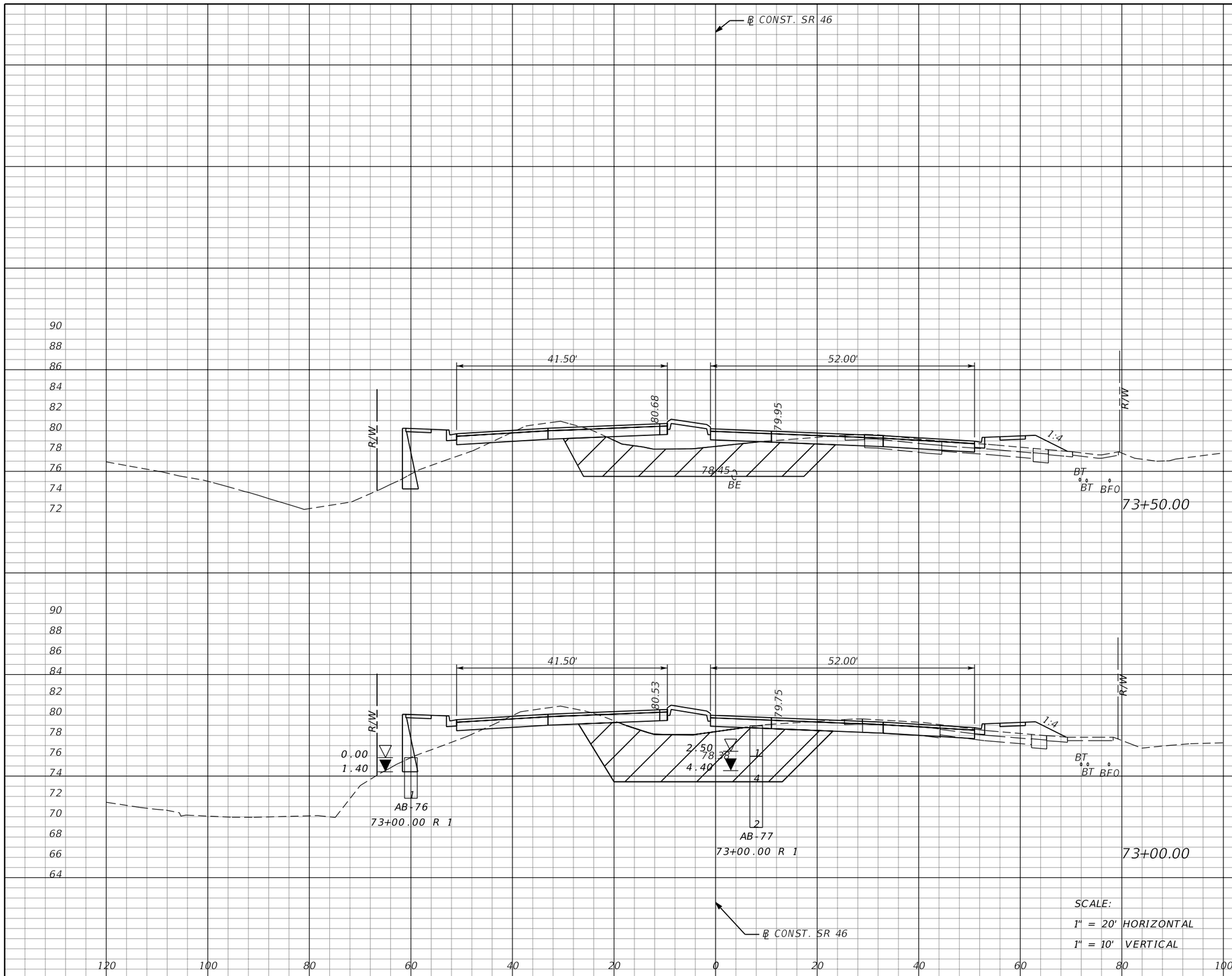
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 243

jcapra 3/28/2016 10:19:02 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD01.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
154	366	56	131	244	497
241	327	85	146	293	450

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

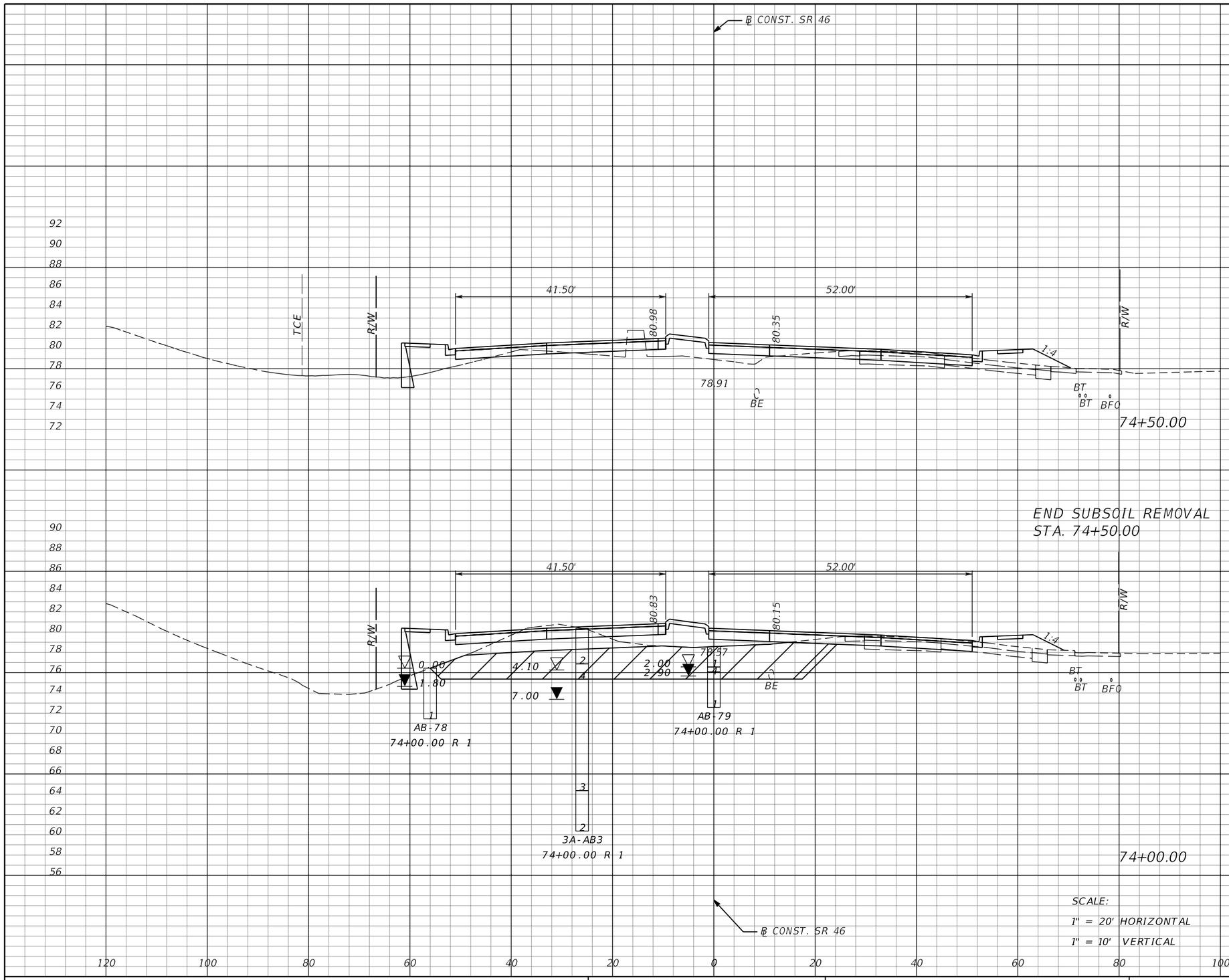
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 244

jcapra 3/28/2016 10:19:02 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD01.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0		38		81	
	239		79		400
258		47		351	
	381		95		551

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

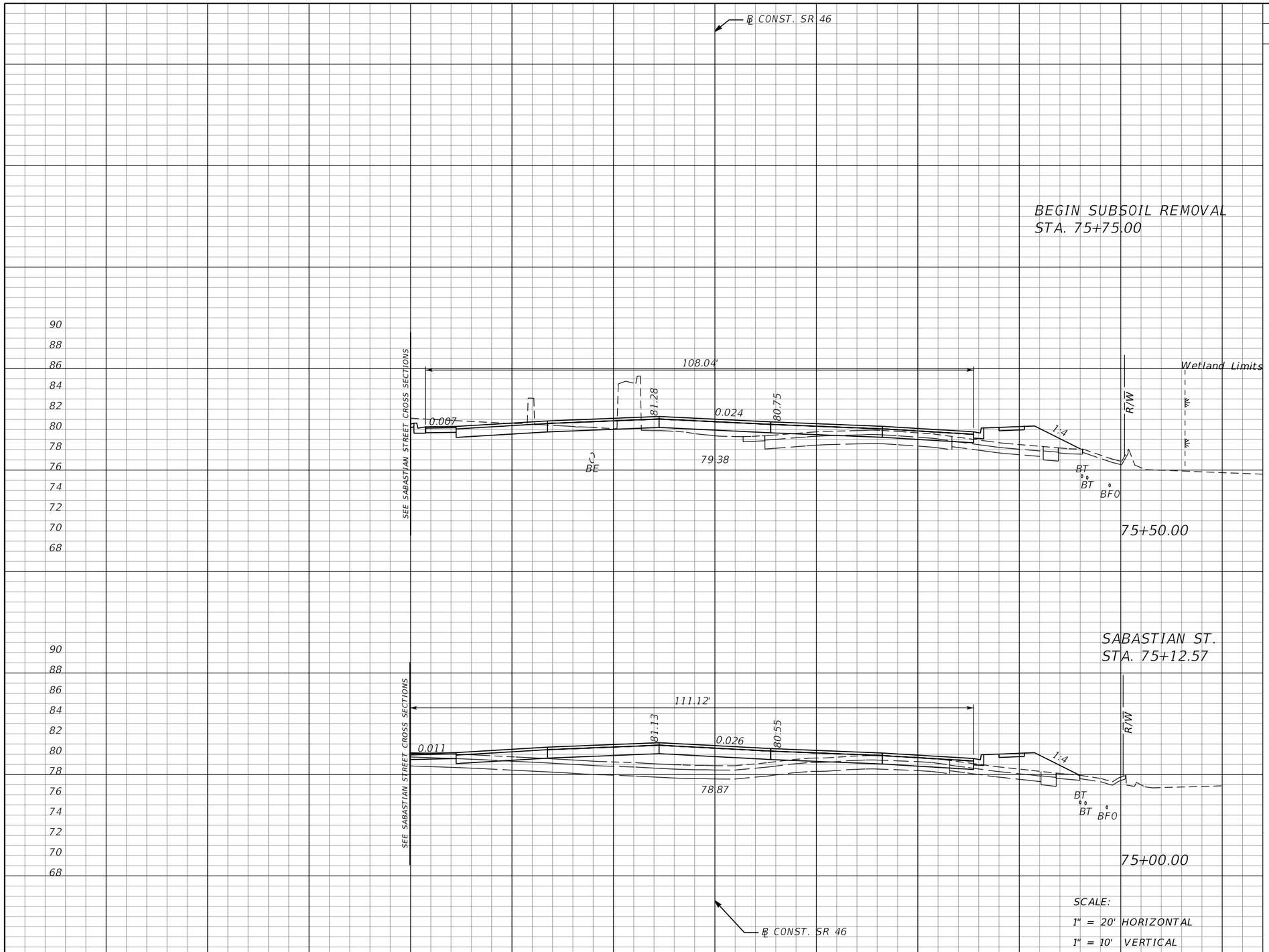
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 245

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

jcapra 3/28/2016 10:19:03 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD01.DGN



SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0		78		52	
	0		103		109
0		33		66	
	0		66		136

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

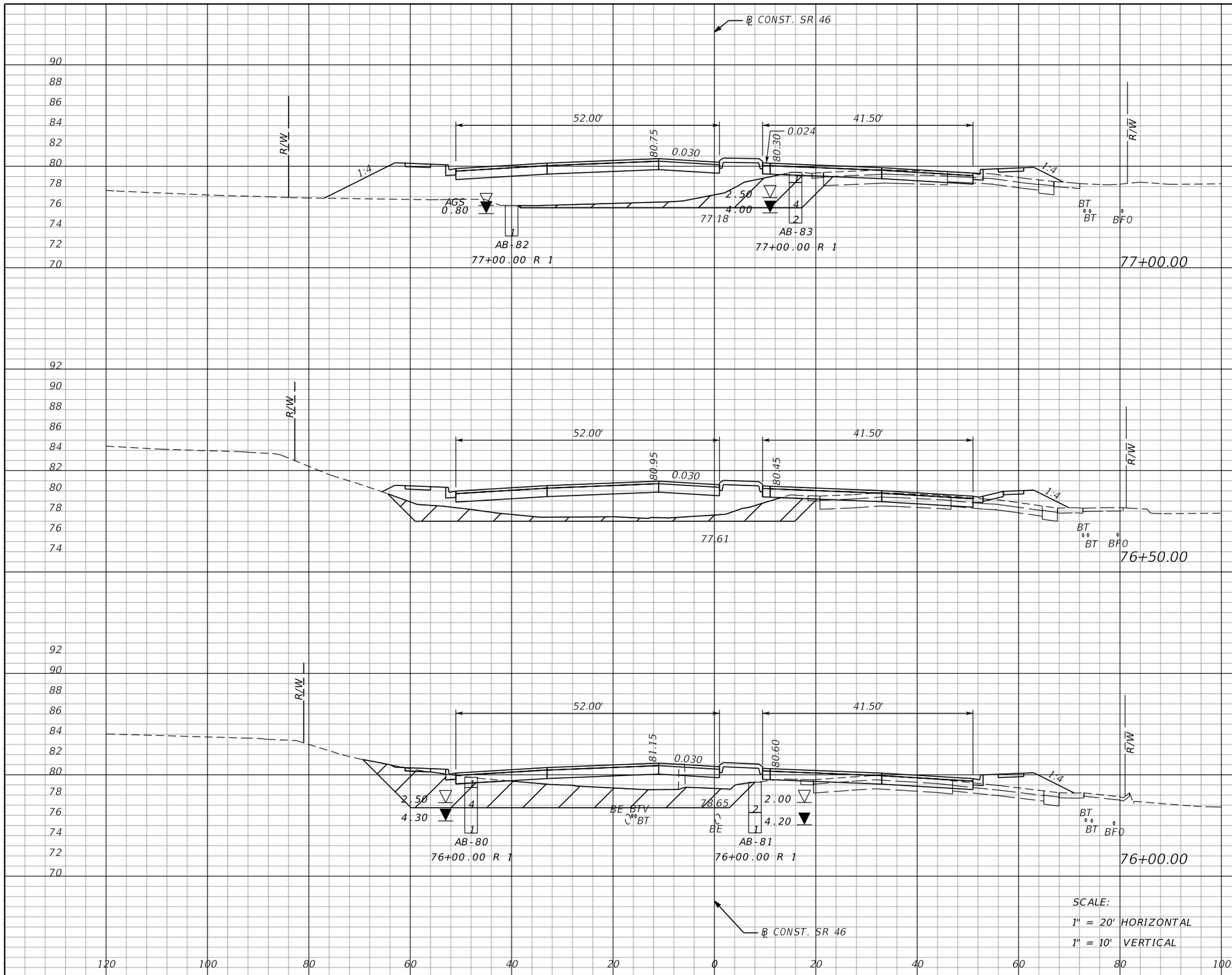
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 246



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
74		22		327	
	137		41		525
74		22		240	
	226		44		461
170		26		258	
	157		96		287

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

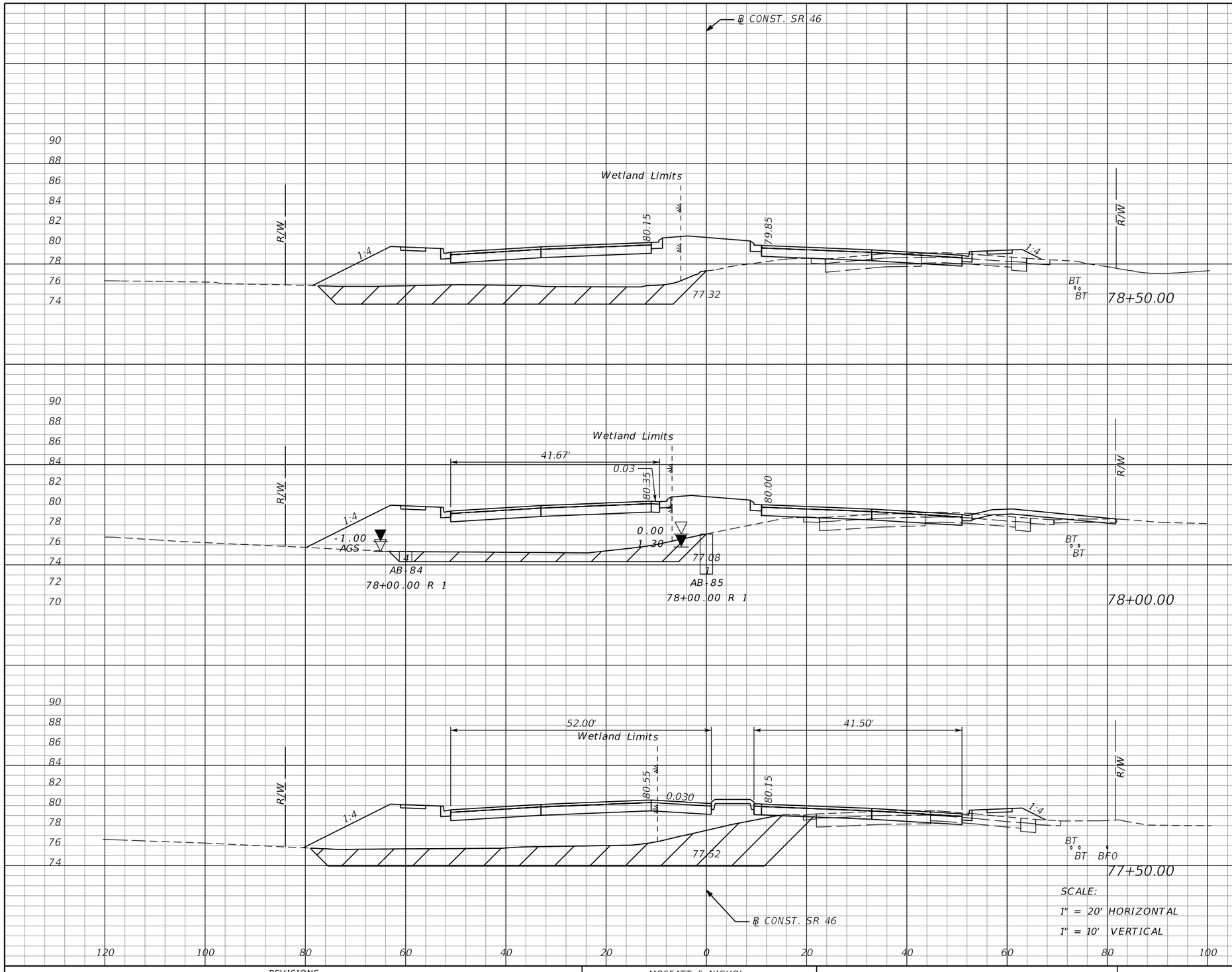
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 247

jcapra 3/28/2016 10:19:05 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD01.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
133		12		407	
	186		25		732
68		15		384	
	270		32		821
224		20		503	
	276		39		769

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

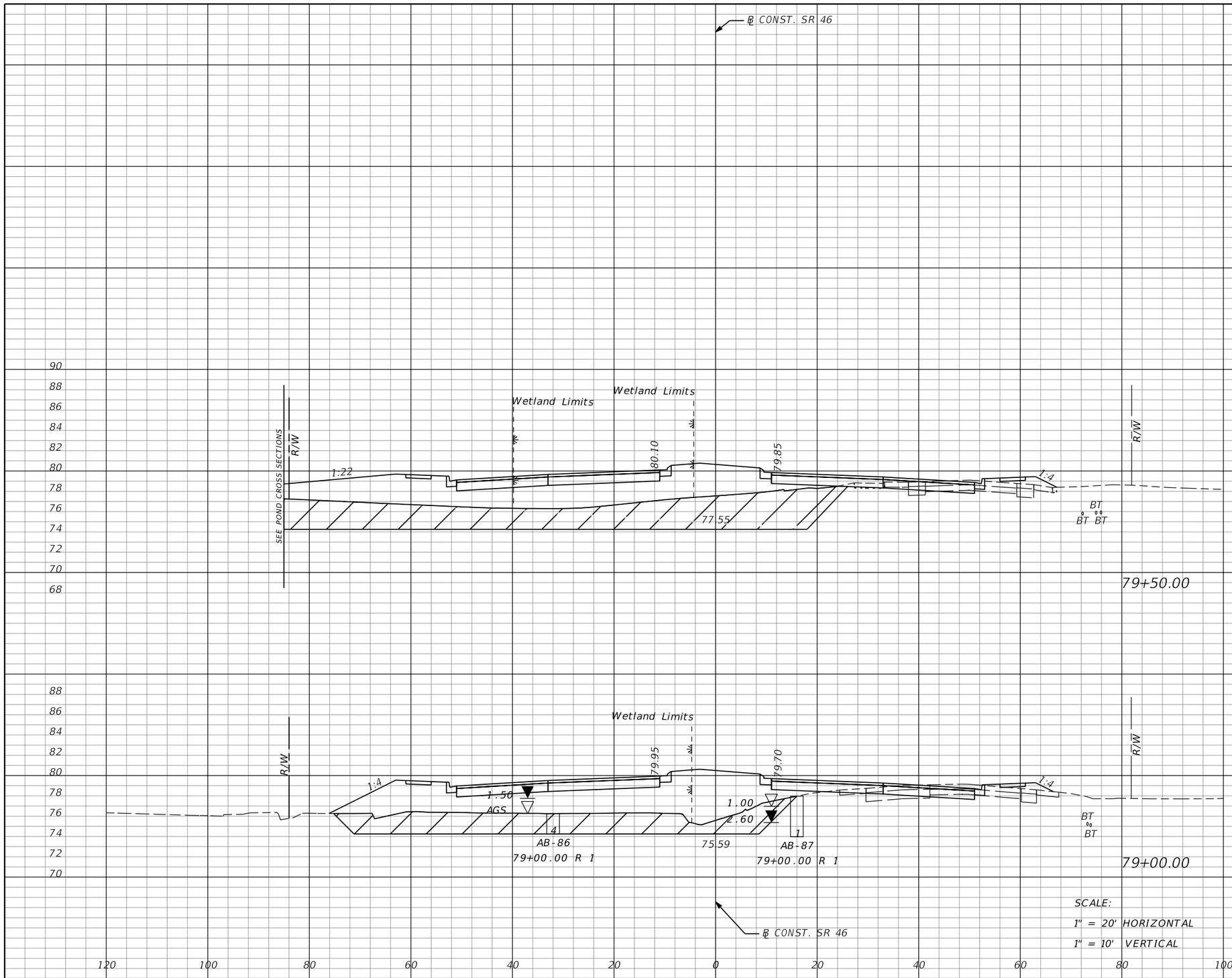
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 248

jcapra 3/28/2016 10:19:06 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD01.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
295		10		538	
	432		24		886
172		16		419	
	282		26		765

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

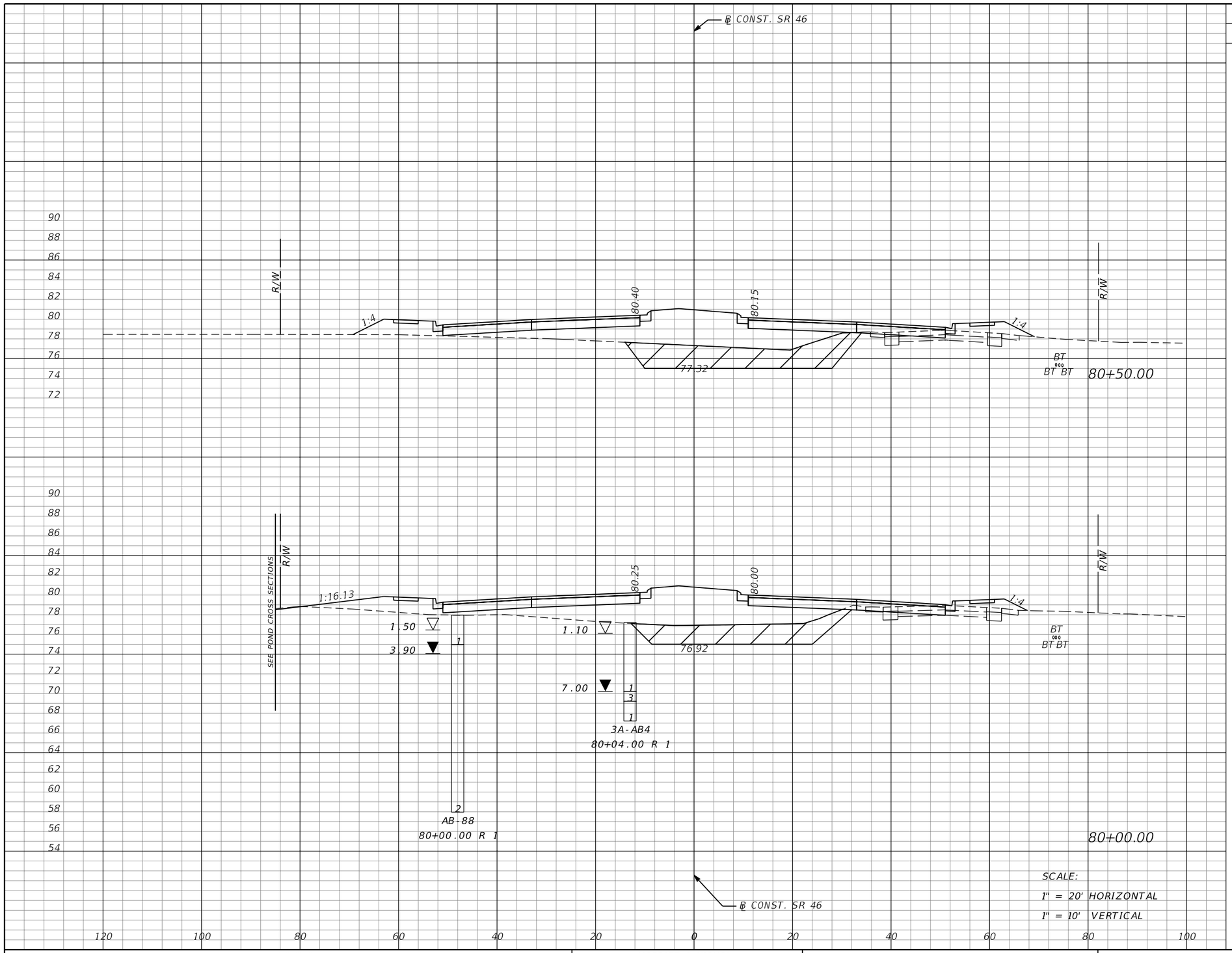
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 249



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
103		1		284	
	169		6		516
80		5		273	
	347		14		751

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

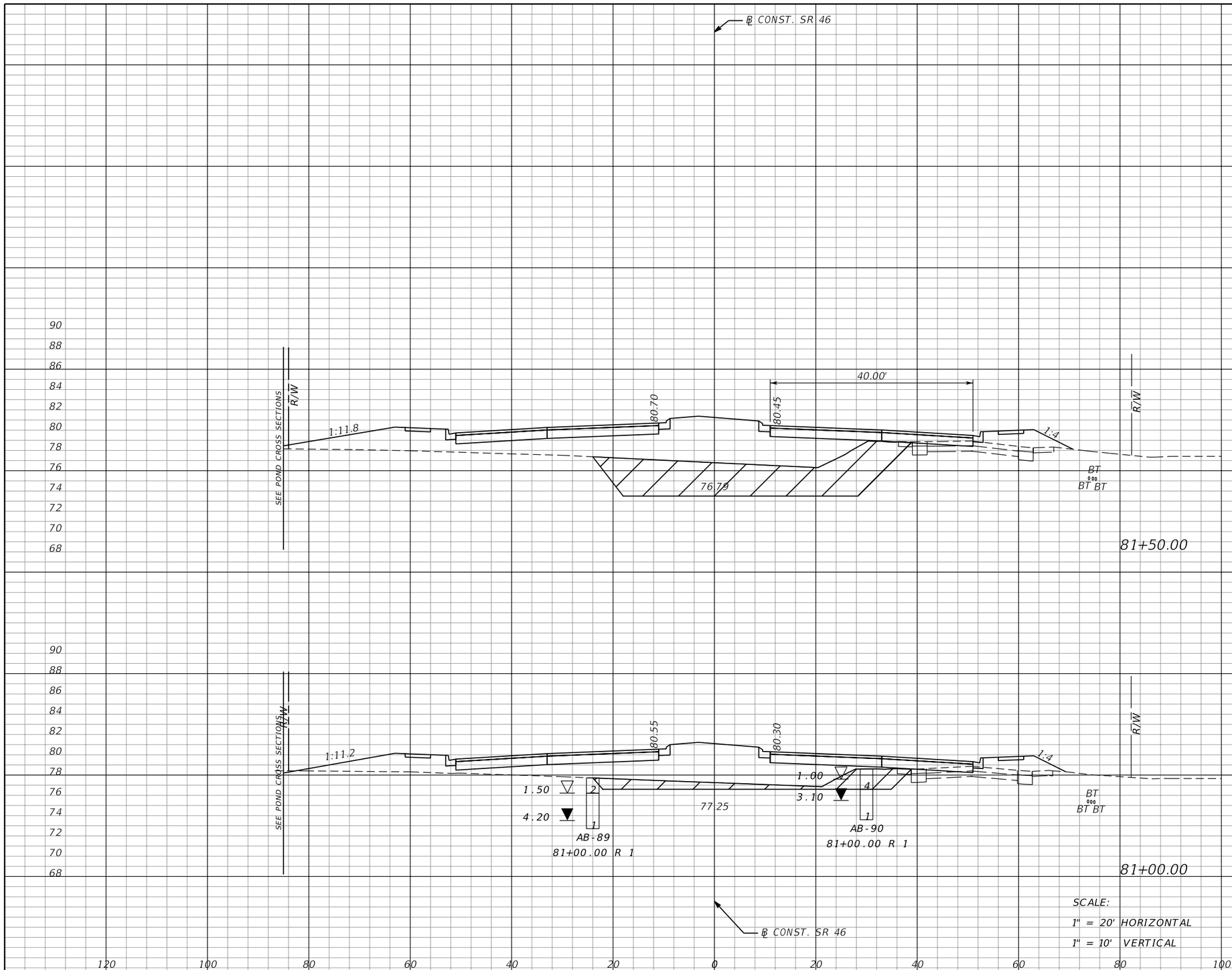
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 250

jcapra 3/28/2016 10:19:08 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD01.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
195		1		482	
	232		1		708
56		0		283	
	147		1		525

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

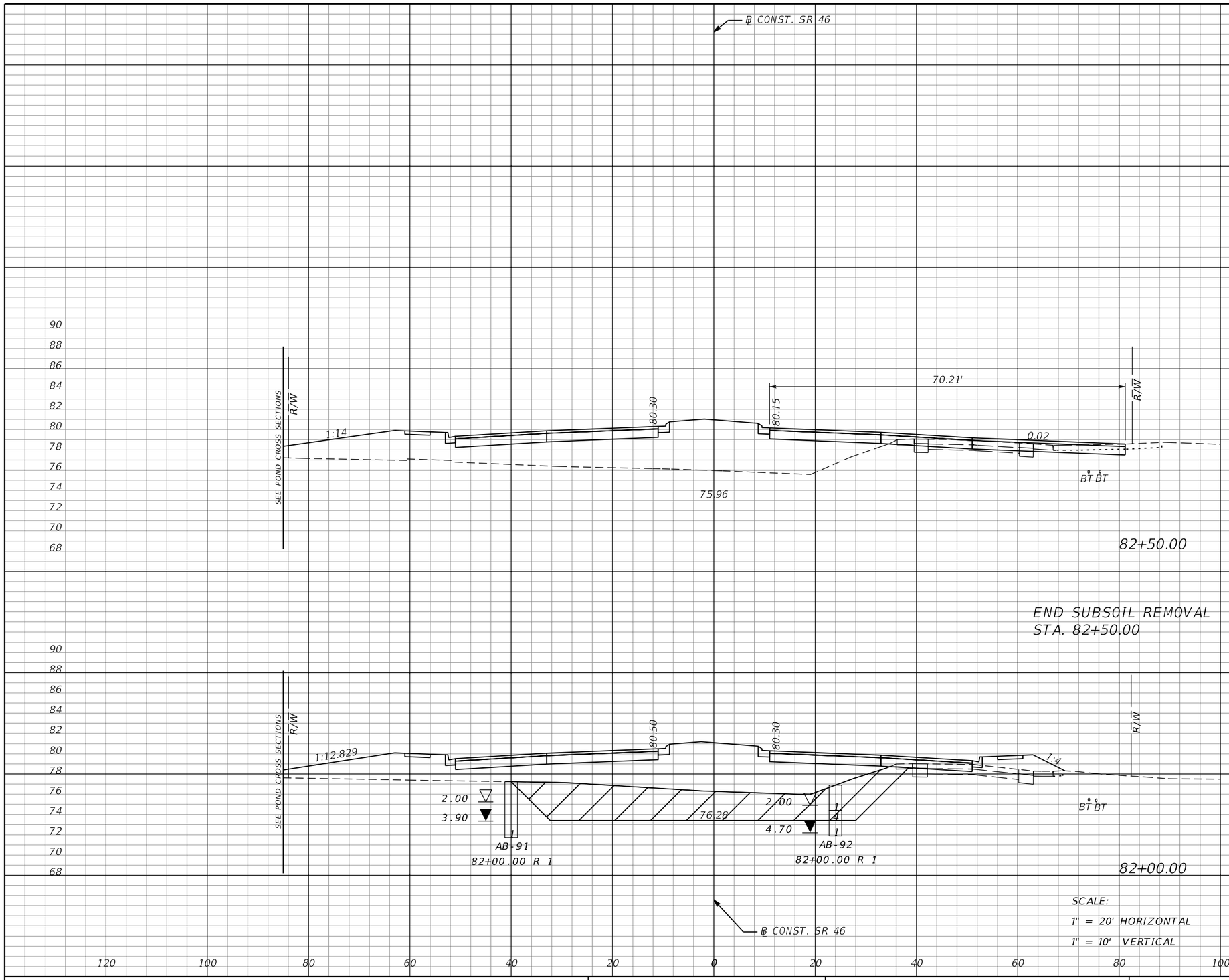
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 251

jcapra 3/28/2016 10:19:09 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD01.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0		21		328	
	212		22		811
229		3		548	
	393		4		954

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

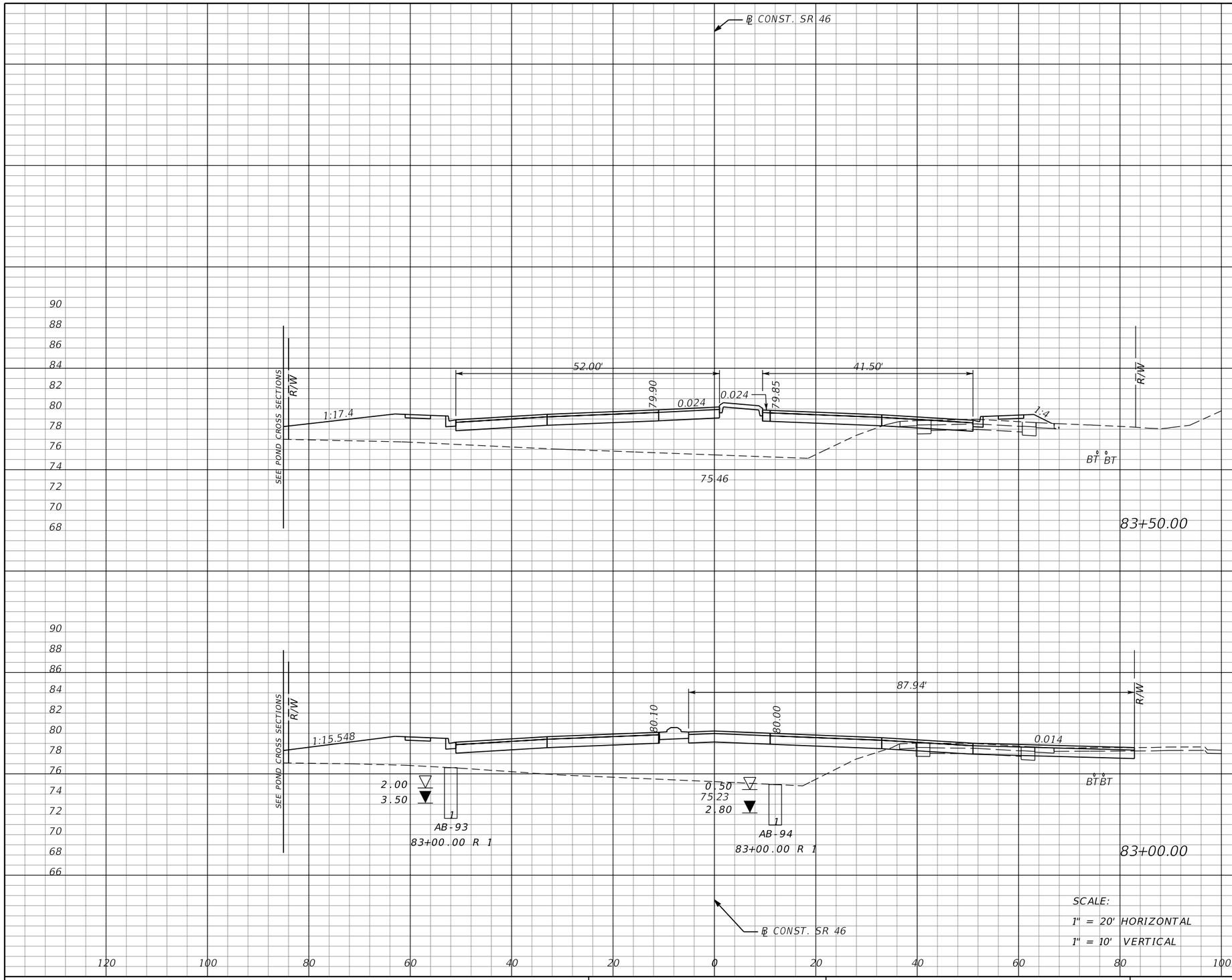
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 252

jcapra 3/28/2016 10:19:10 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD01.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	5	29	317	593
0	0	26	44	323	603

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

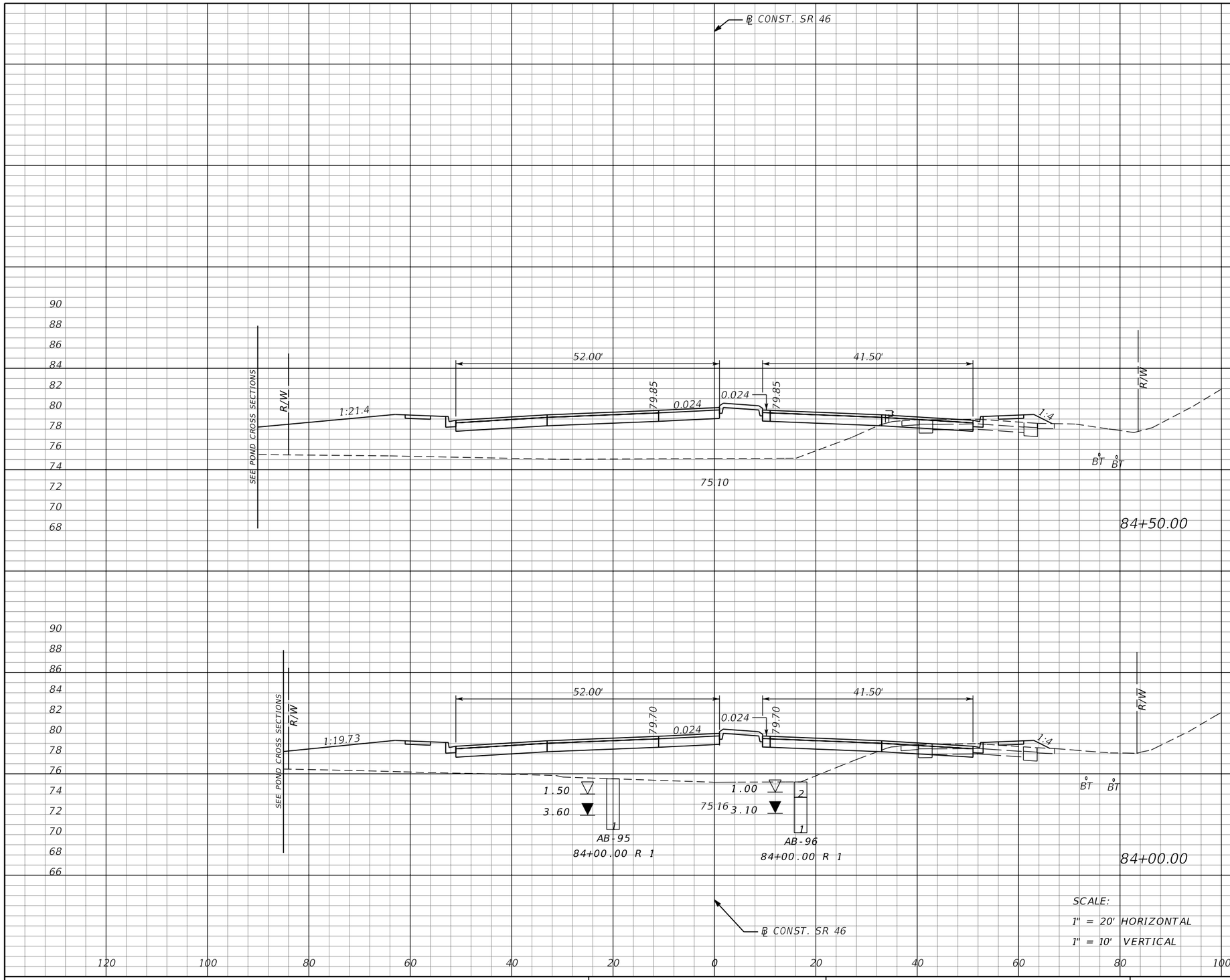
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 253



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	7	14	423	695
0	0	8	12	328	597

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

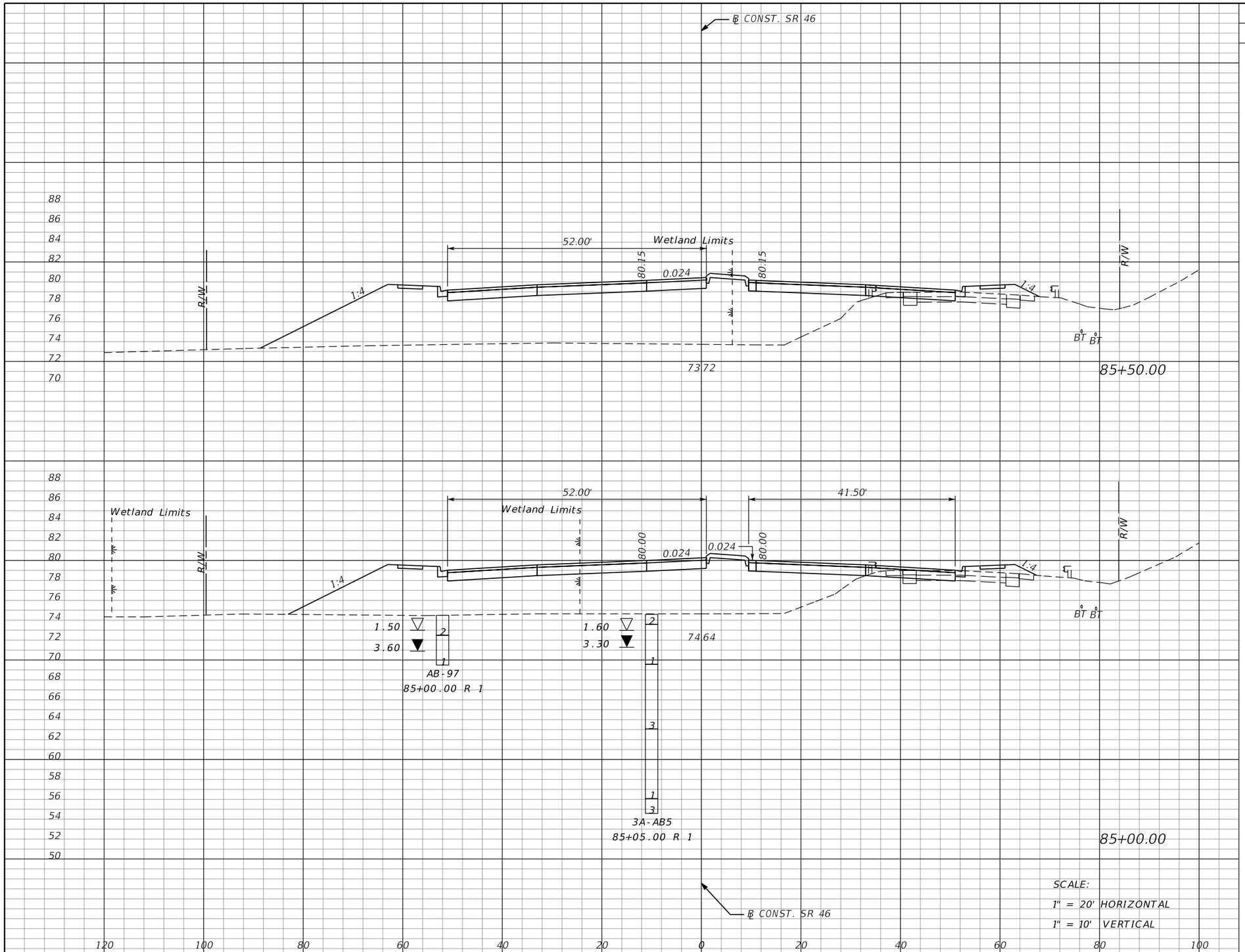
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 254



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	4	9	570	941
0	0	6	12	446	805

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

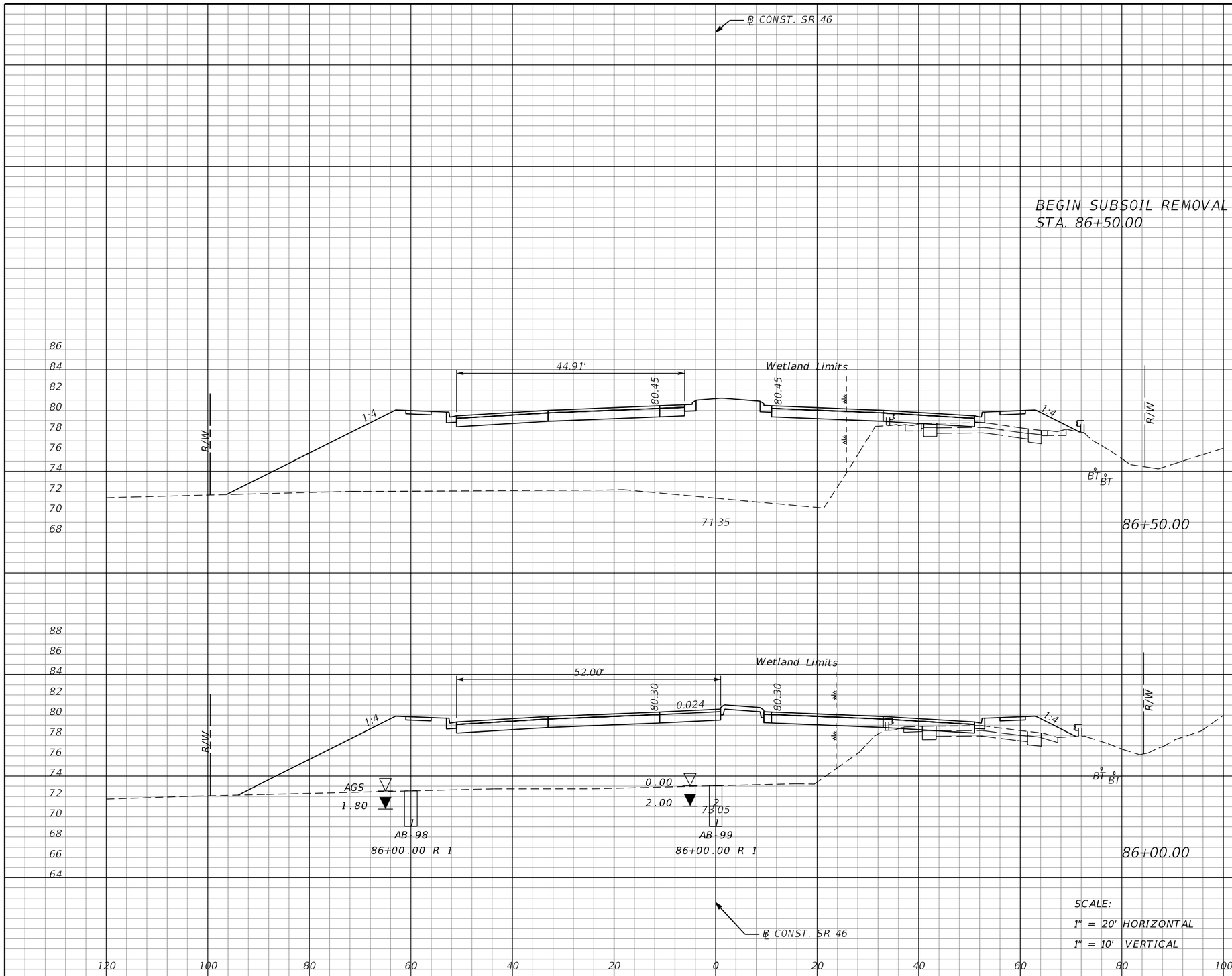
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 255

jcapra 3/28/2016 10:19:12 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD01.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	0	2	876	1469
0	0	2	6	711	1186

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

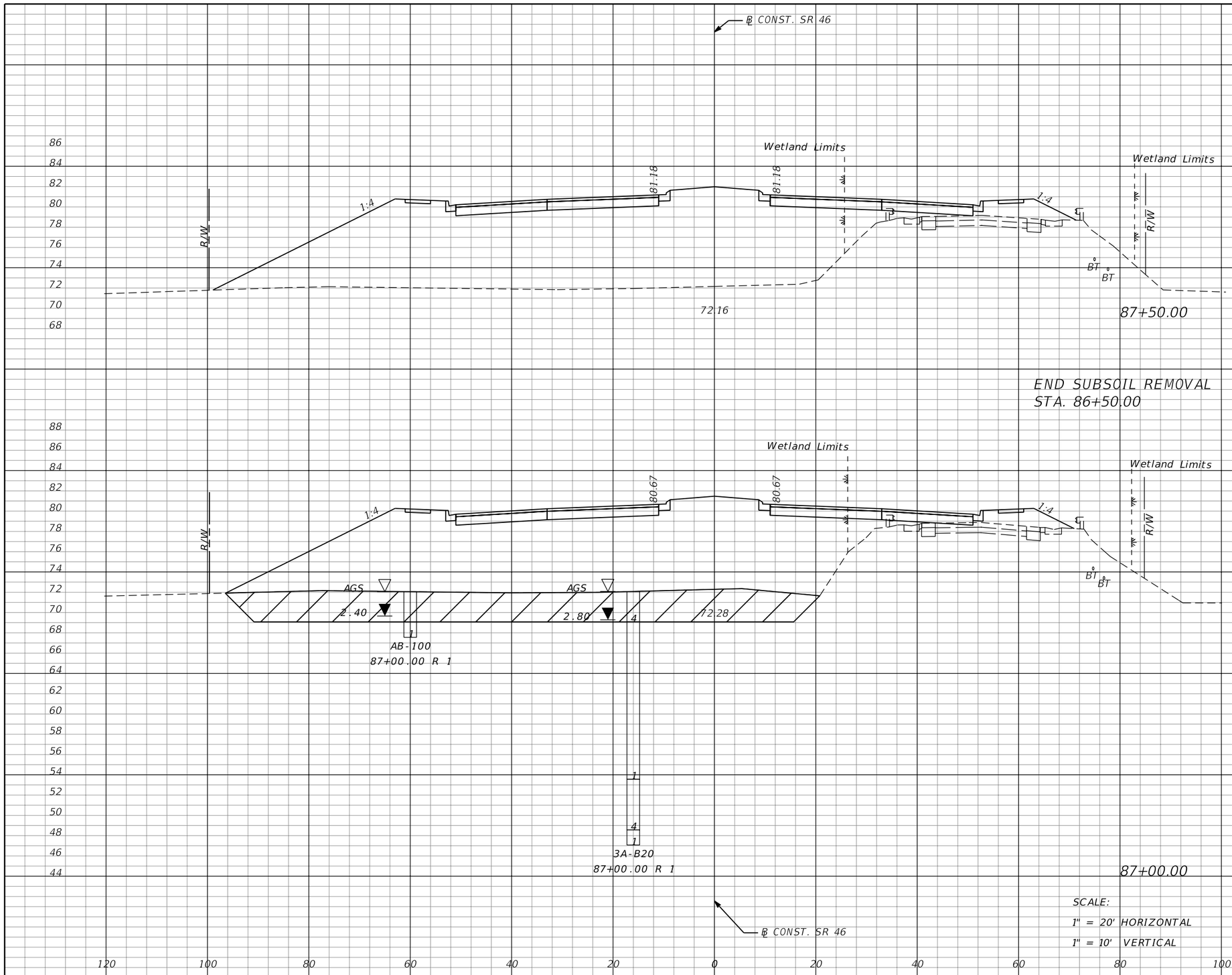
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 256

jcapra 3/28/2016 10:19:13 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD01.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0		0		942	
	310		0		1988
335		0		1205	
	310		0		1927

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

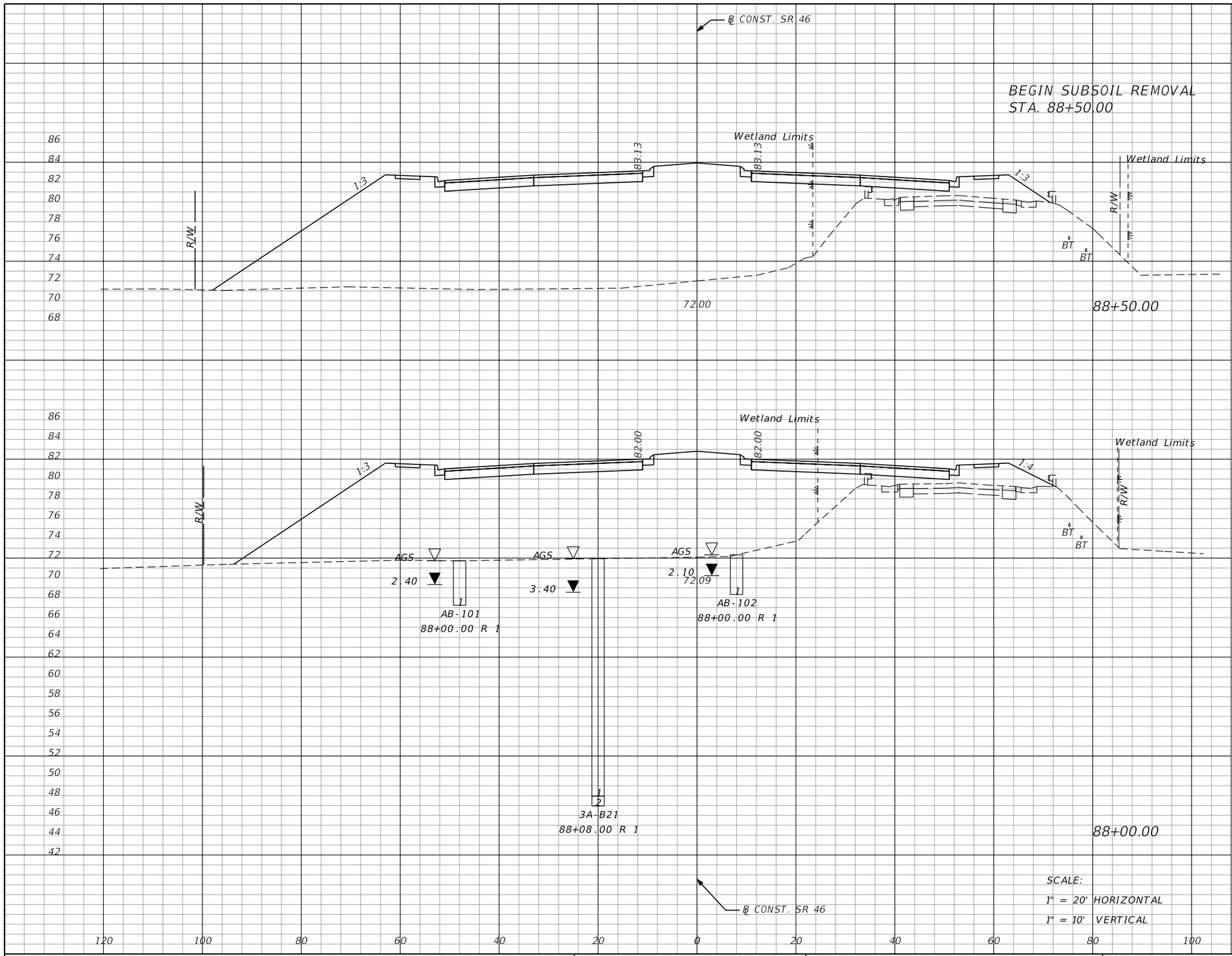
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 257

jcapra 3/28/2016 10:19:14 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD01.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	0	0	1216	2071
0	0	0	0	1021	1818

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

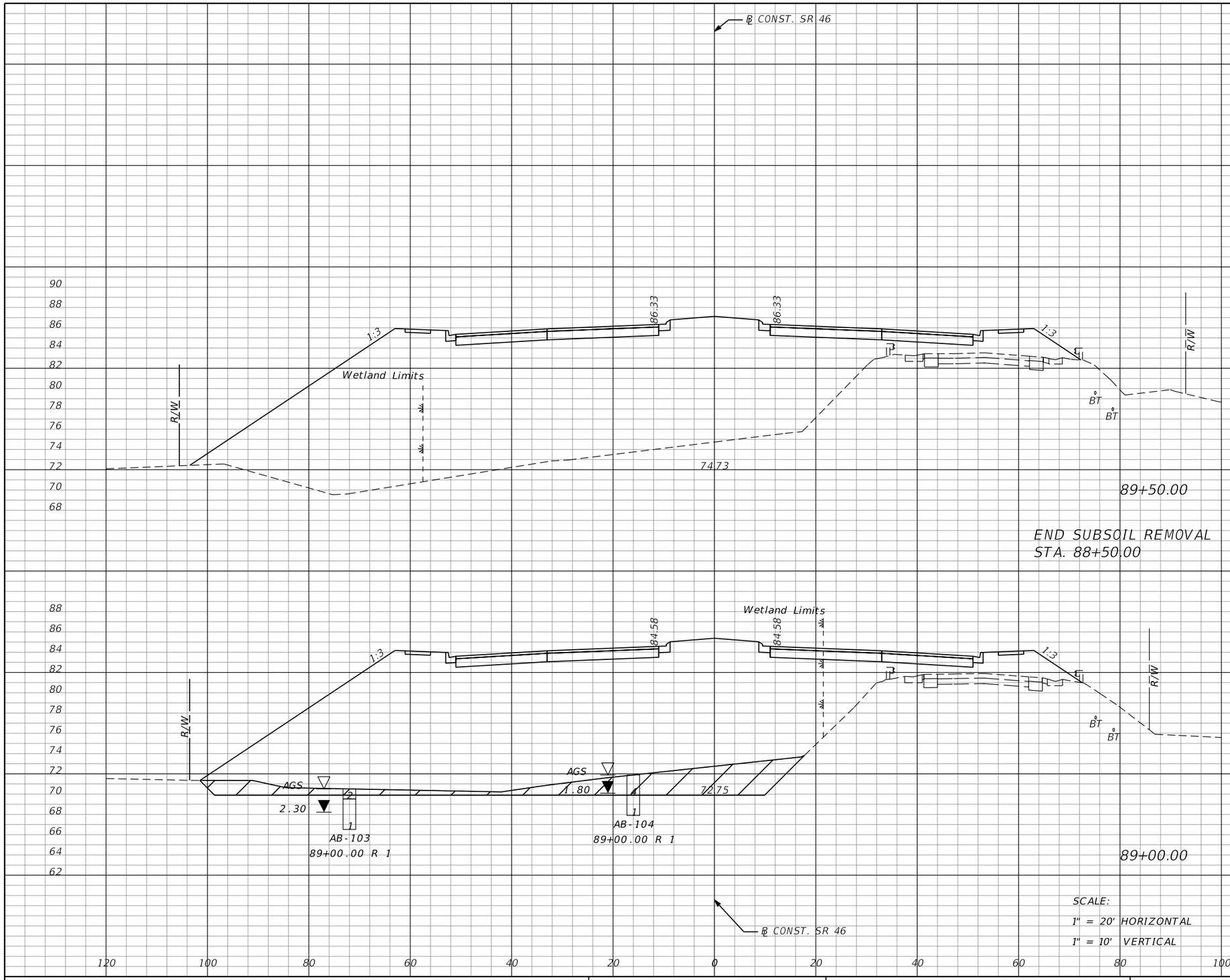
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 258

jcapra 3/28/2016 10:19:15 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD01.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0		0		1475	
	145		0		2813
157		0		1563	
	145		0		2573

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

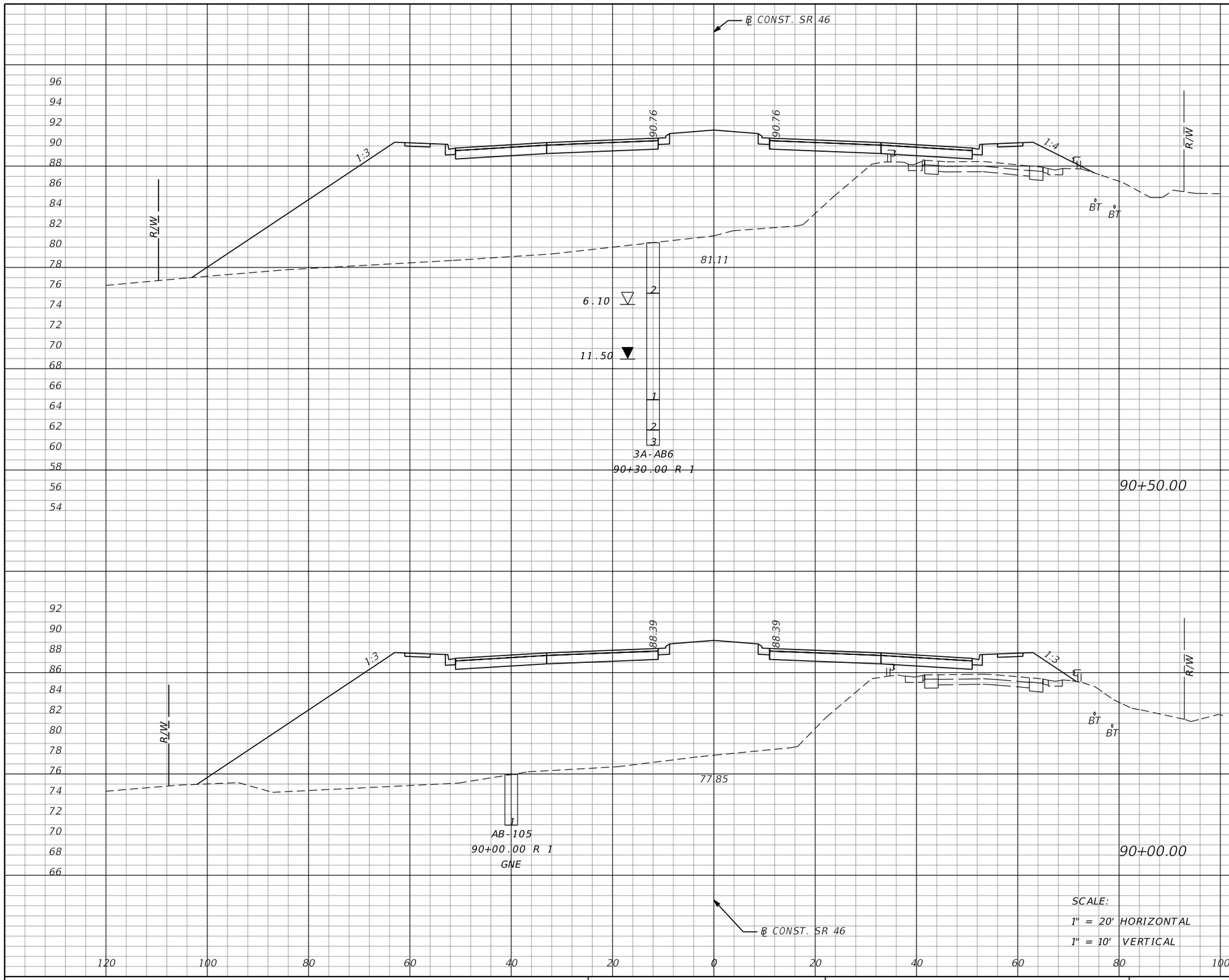
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 259



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	0	0	1155	2248
0	0	0	0	1273	2544

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

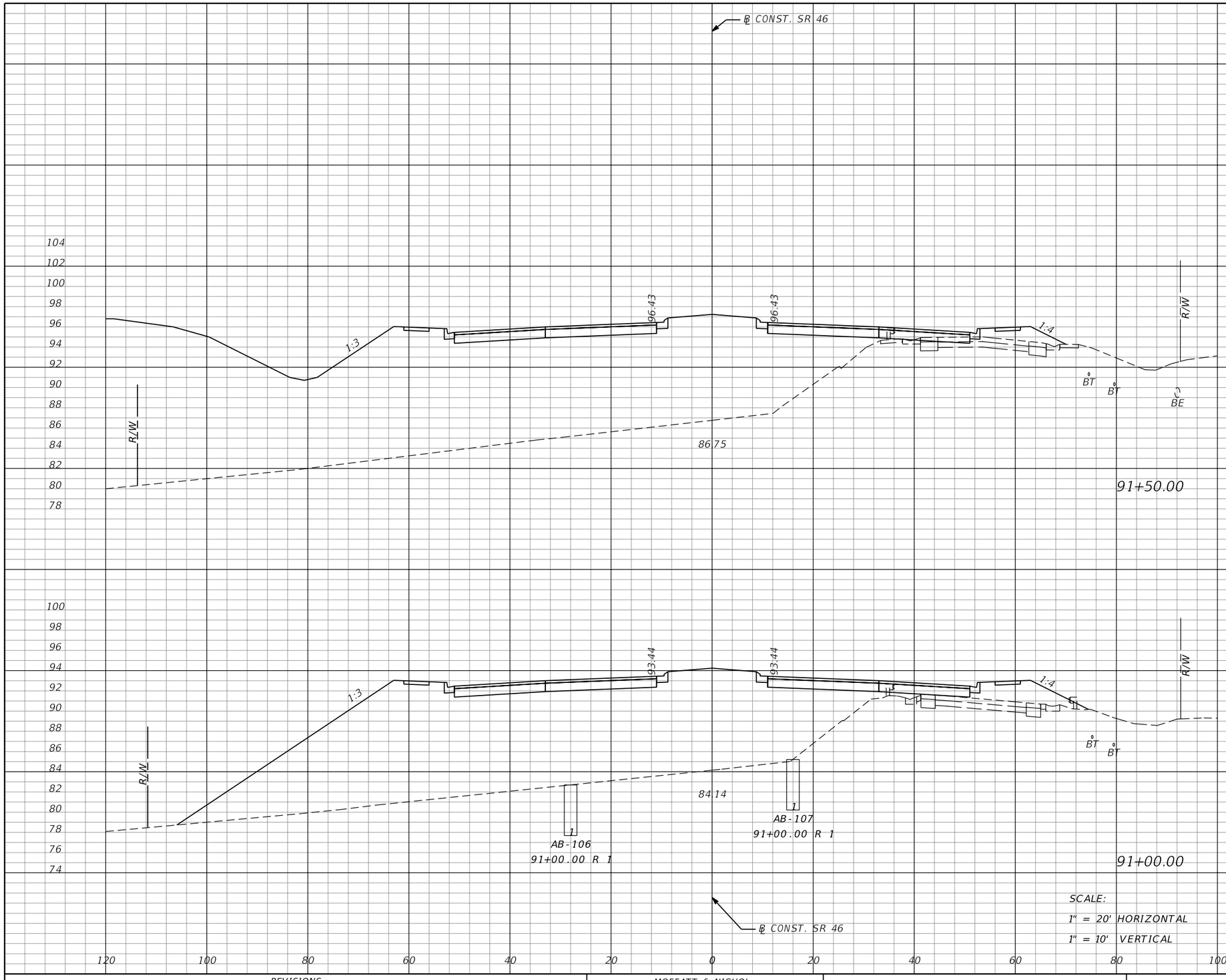
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 260



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1	1	1580	2521
0	0	0	0	1143	2128

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

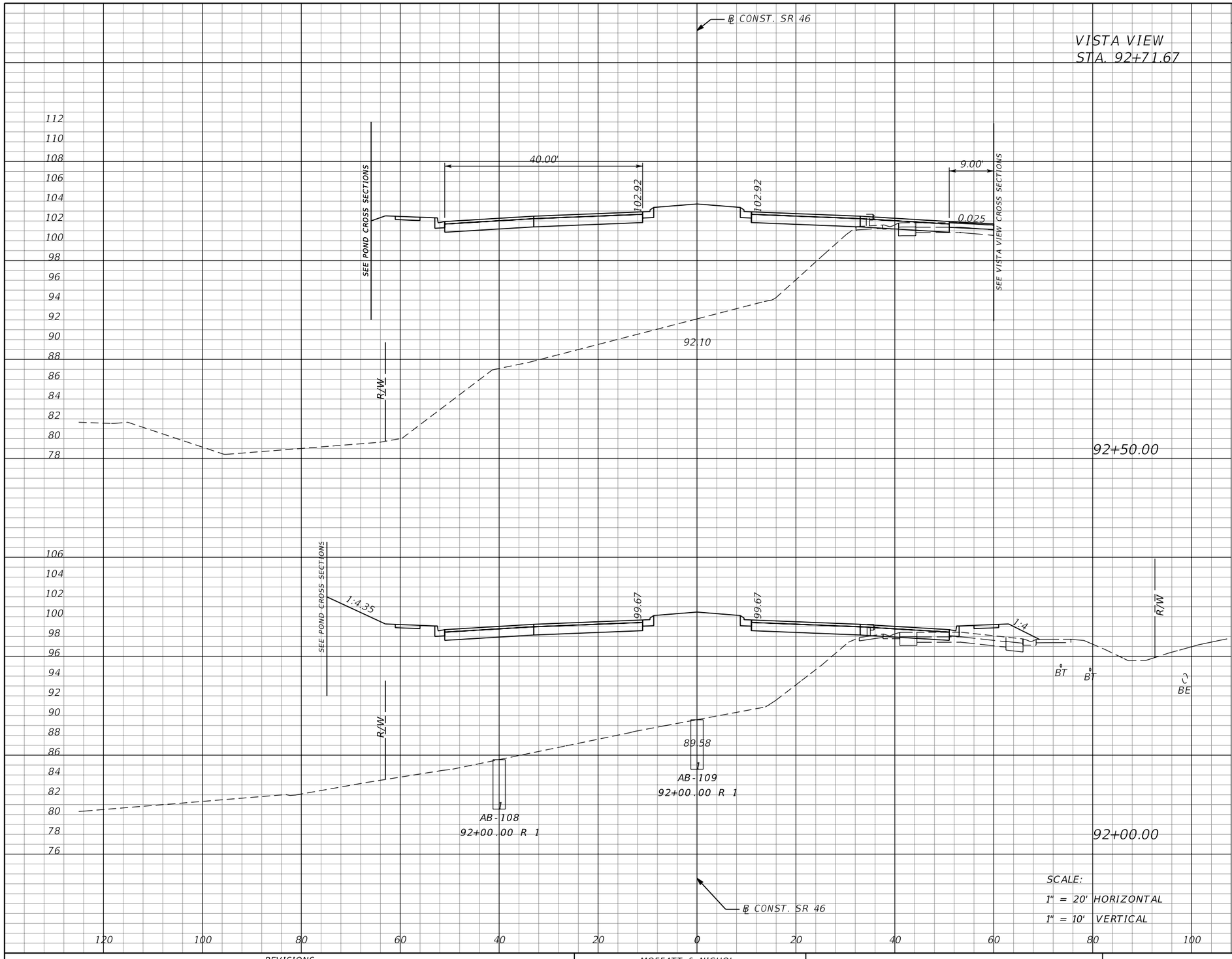
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 261



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	4	6	1210	2238
0	0	3	4	1207	2581

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

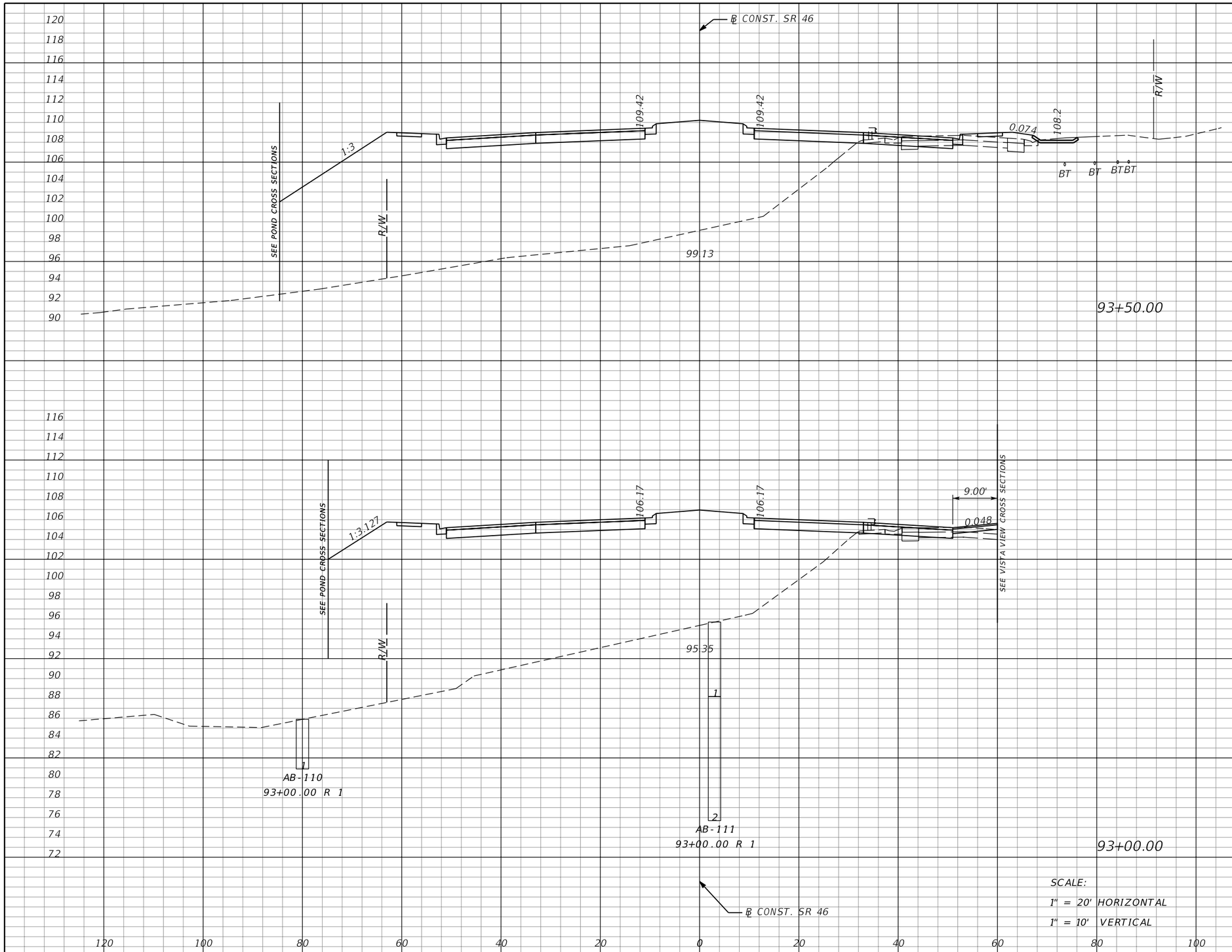
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 262



SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	12	17	1211	2290
0	0	6	9	1262	2289

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

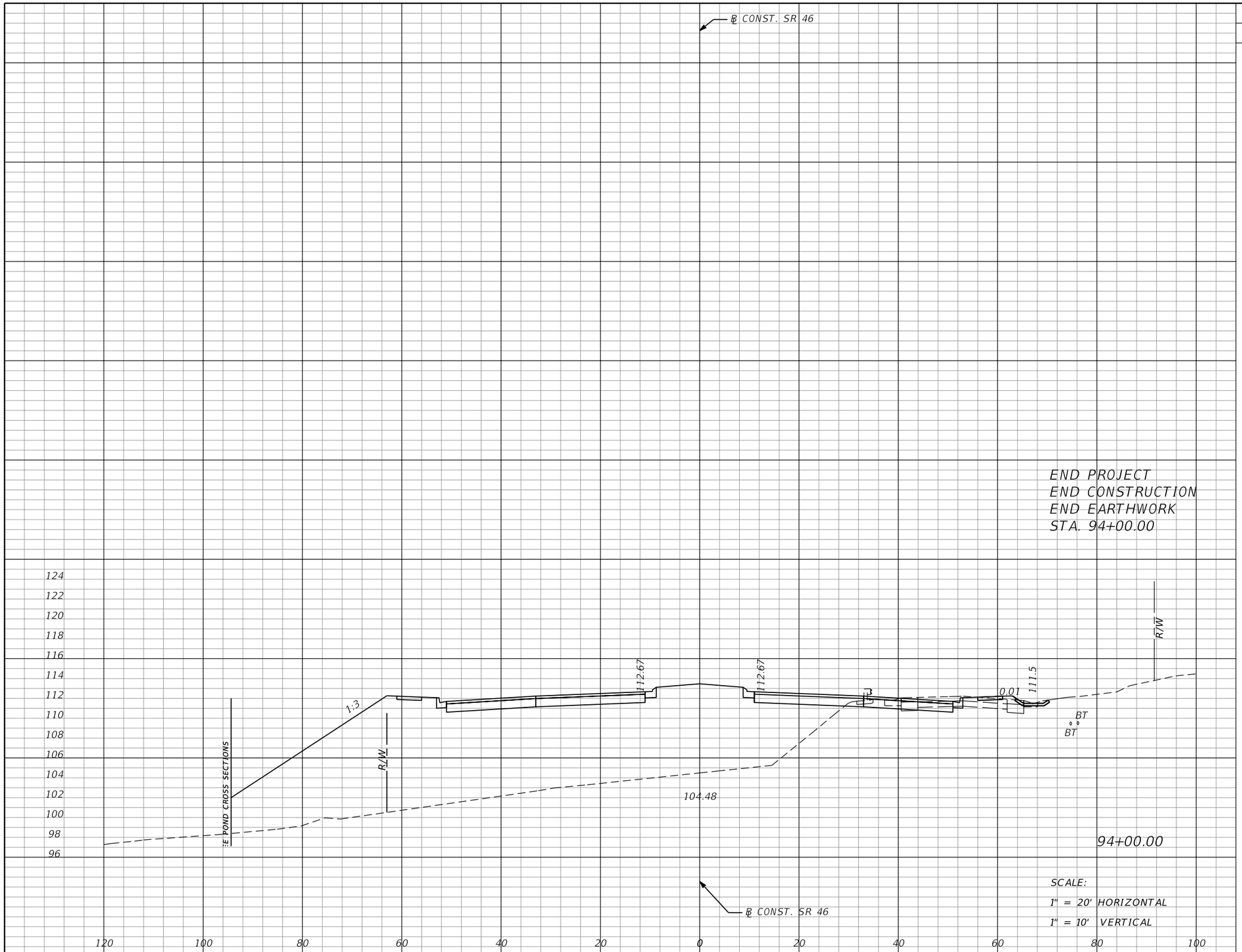
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 263



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	17	27	976	2025

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

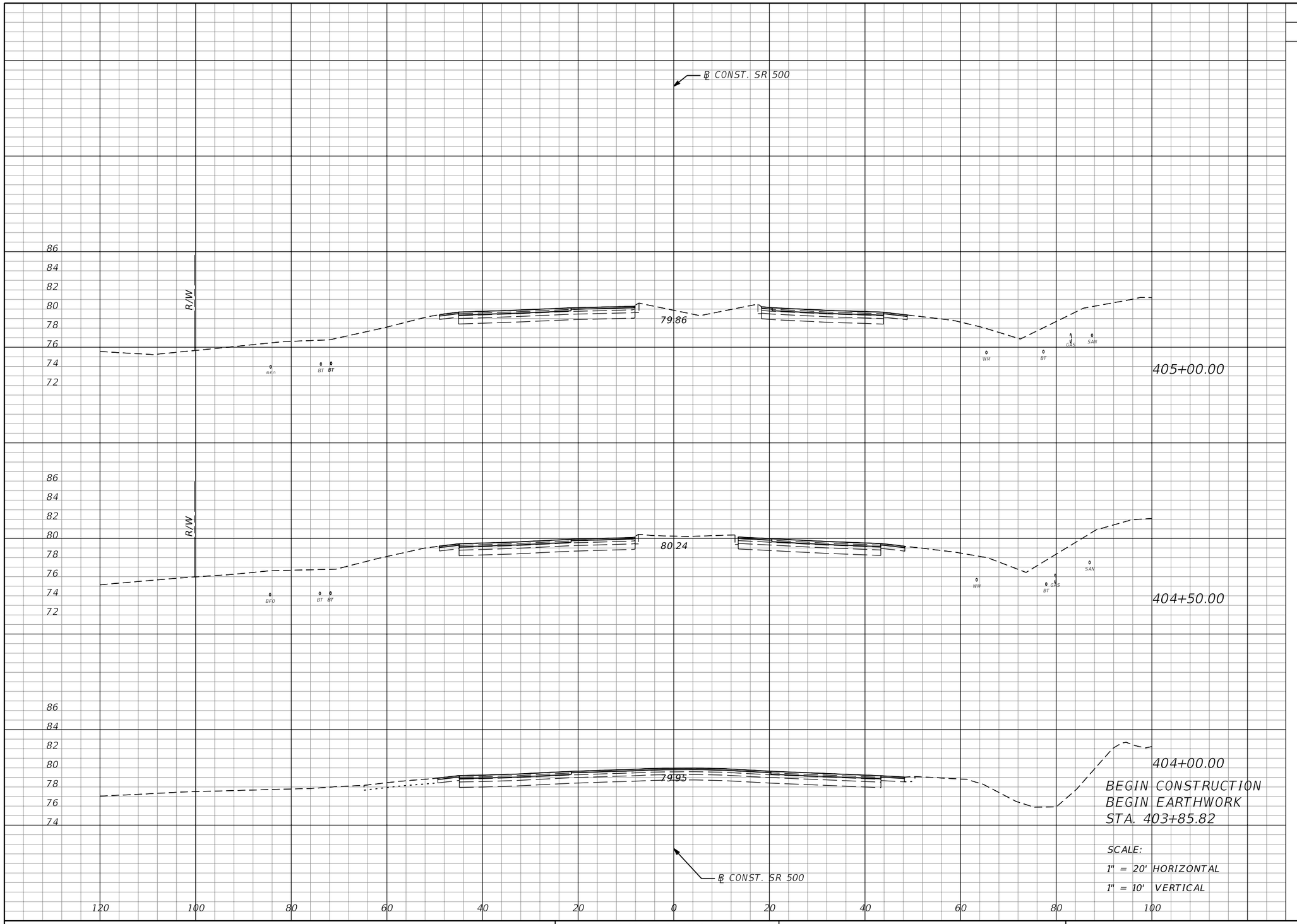
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 264

jcapra 3/28/2016 10:19:19 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD01.DGN



Regular Exc.		Embankment	
A	V	A	V
0	0	0	0
0	0	0	0
0	0	0	0

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

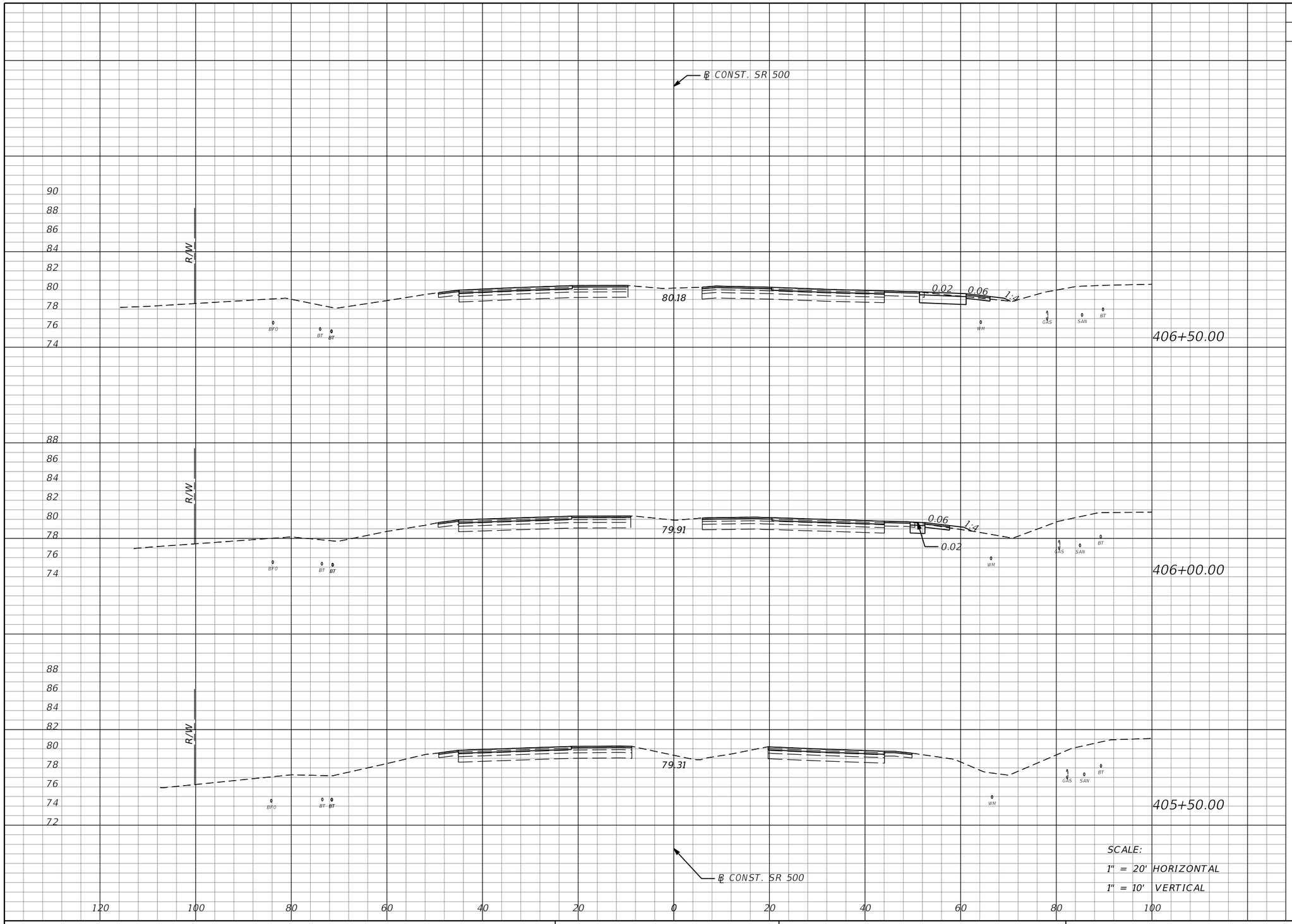
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 265



Regular Exc.		Embankment	
A	V	A	V
11	15	1	2
5	6	1	1
1	1	0	0

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

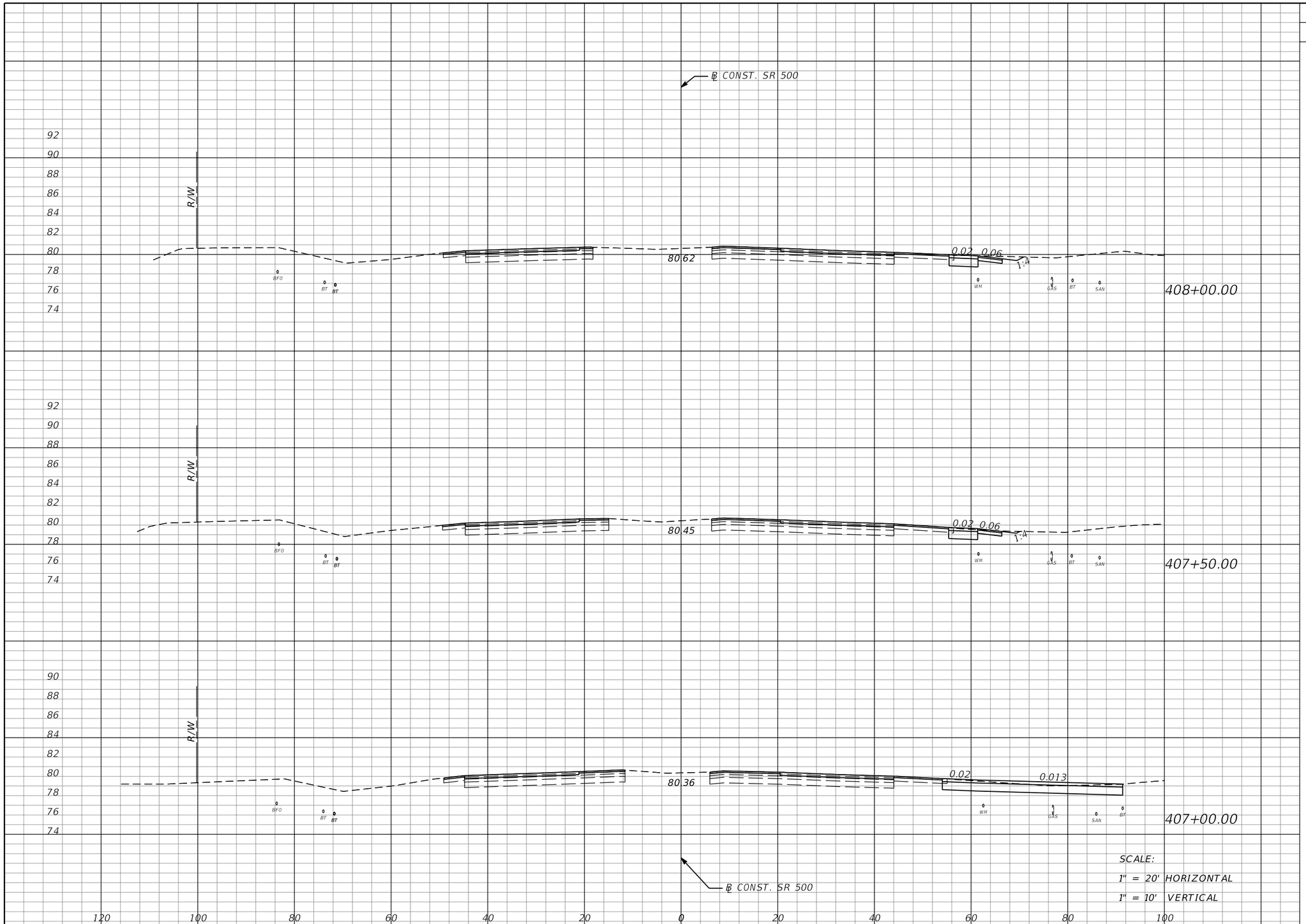
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 266

jcapra 3/28/2016 10:19:23 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Regular Exc.		Embankment	
A	V	A	V
12	20	0	0
10	44	0	0
37	44	0	1

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

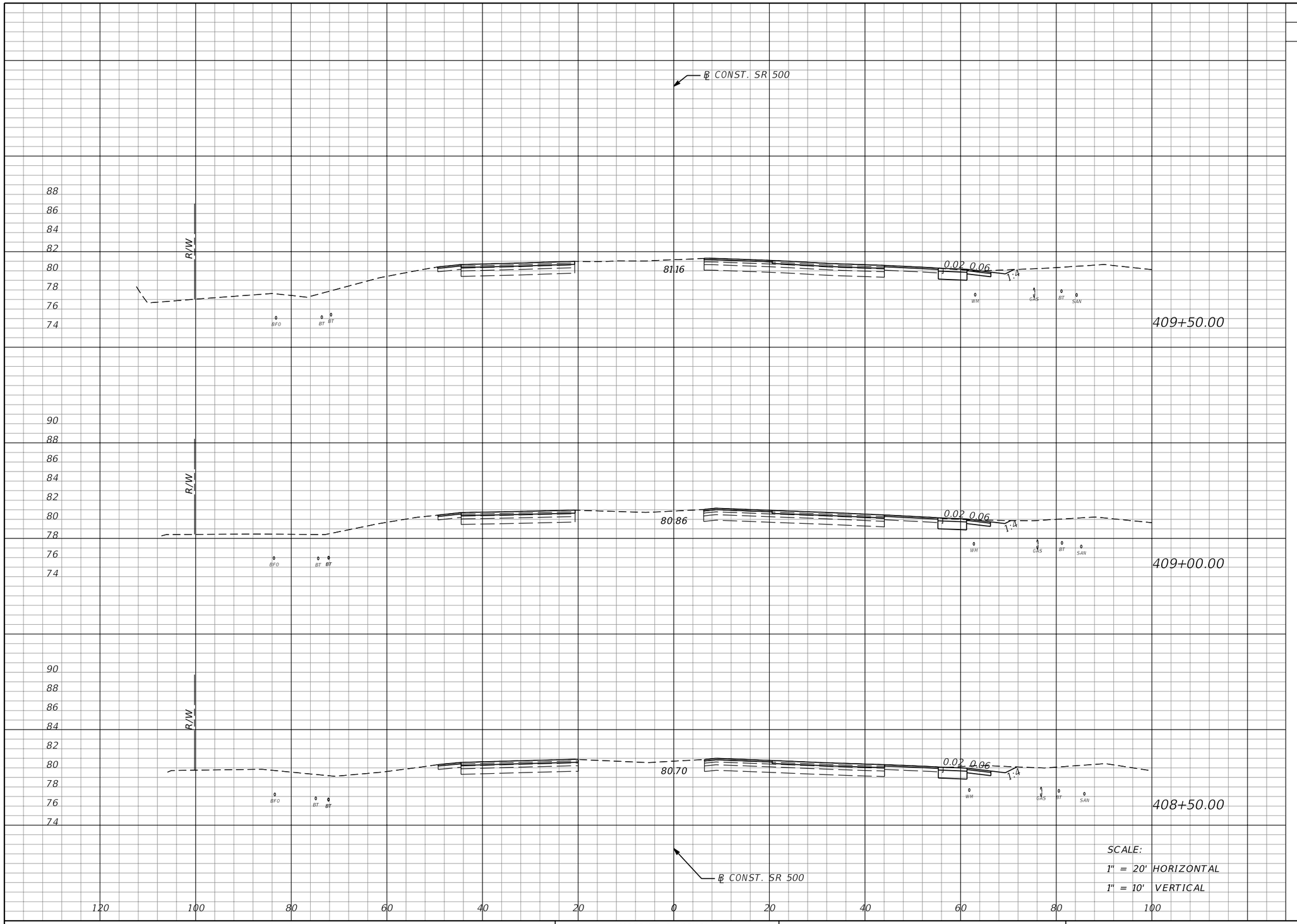
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 267

jcapra 3/28/2016 10:19:24 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



Station	Regular Exc. A	Regular Exc. V	Embankment A	Embankment V
409+50.00	11	20	0	0
409+00.00	11	24	0	0
408+50.00	15	25	0	0

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

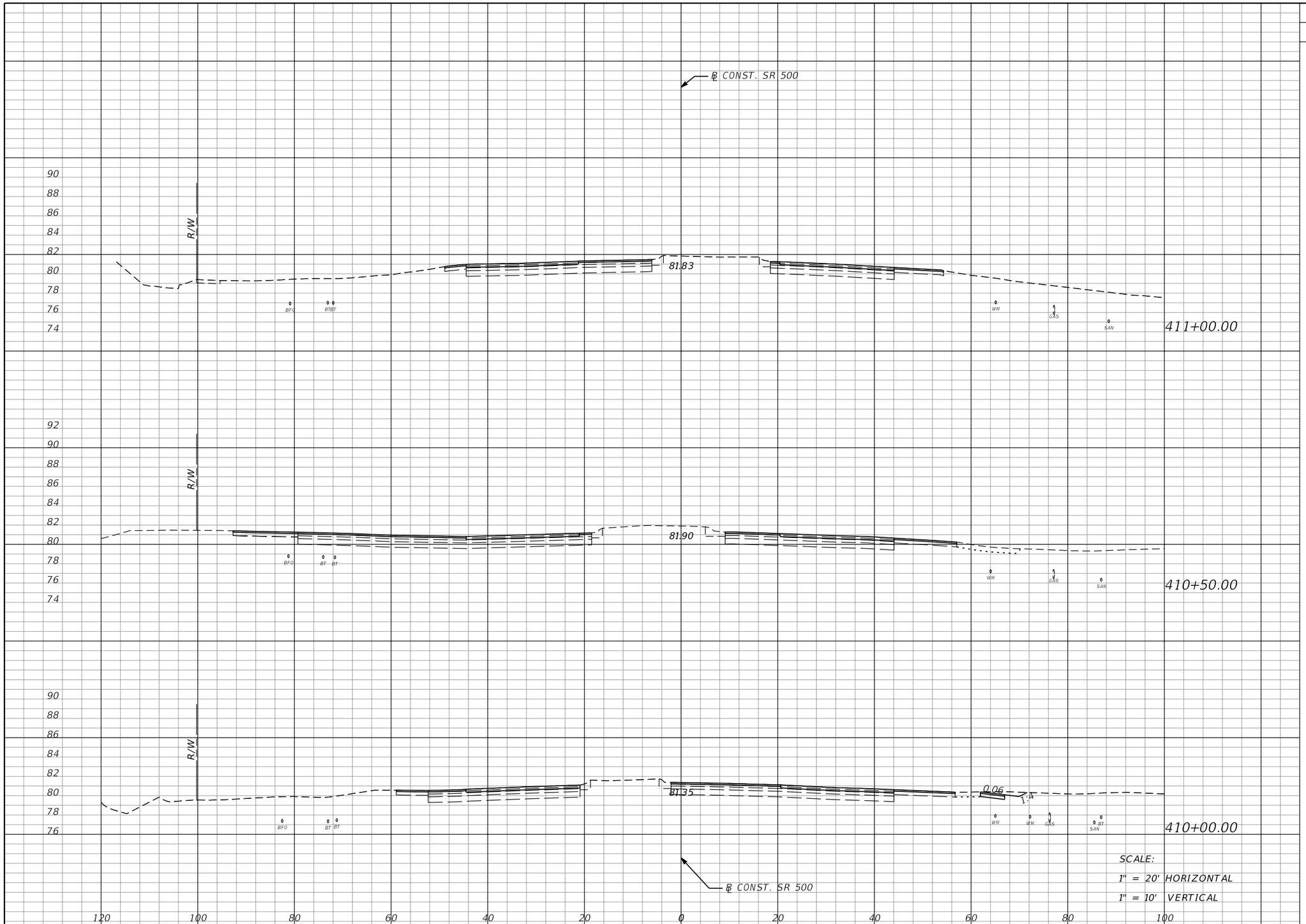
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 268

jcapra 3/28/2016 10:19:25 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



Regular Exc.		Embankment	
A	V	A	V
0	0	0	0
0	5	0	0
5	15	0	0

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

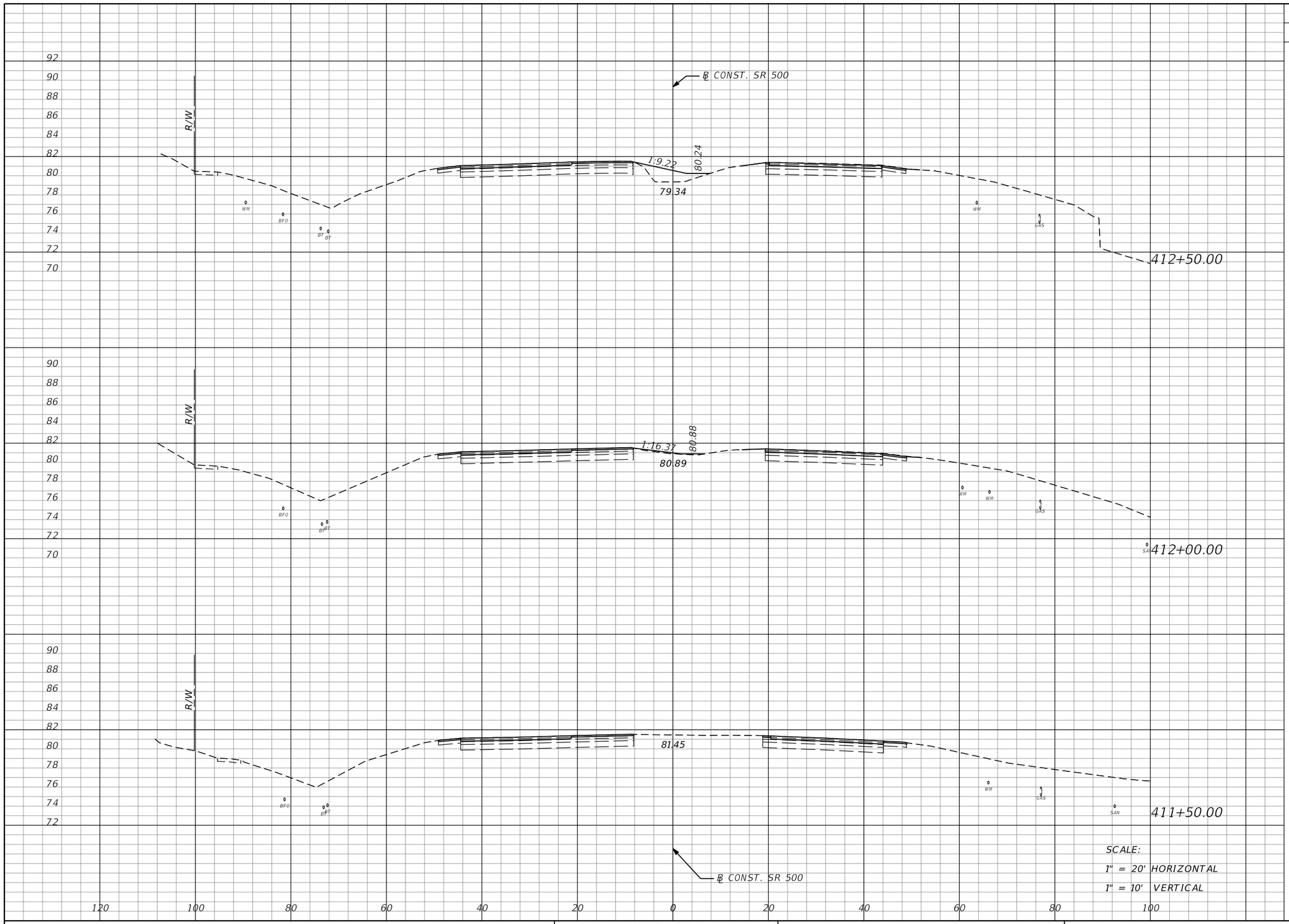
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 269

jcapra 3/28/2016 10:19:26 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



Regular Exc.		Embankment	
A	V	A	V
0	0	13	13
0	1	1	1
1	1	0	0

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

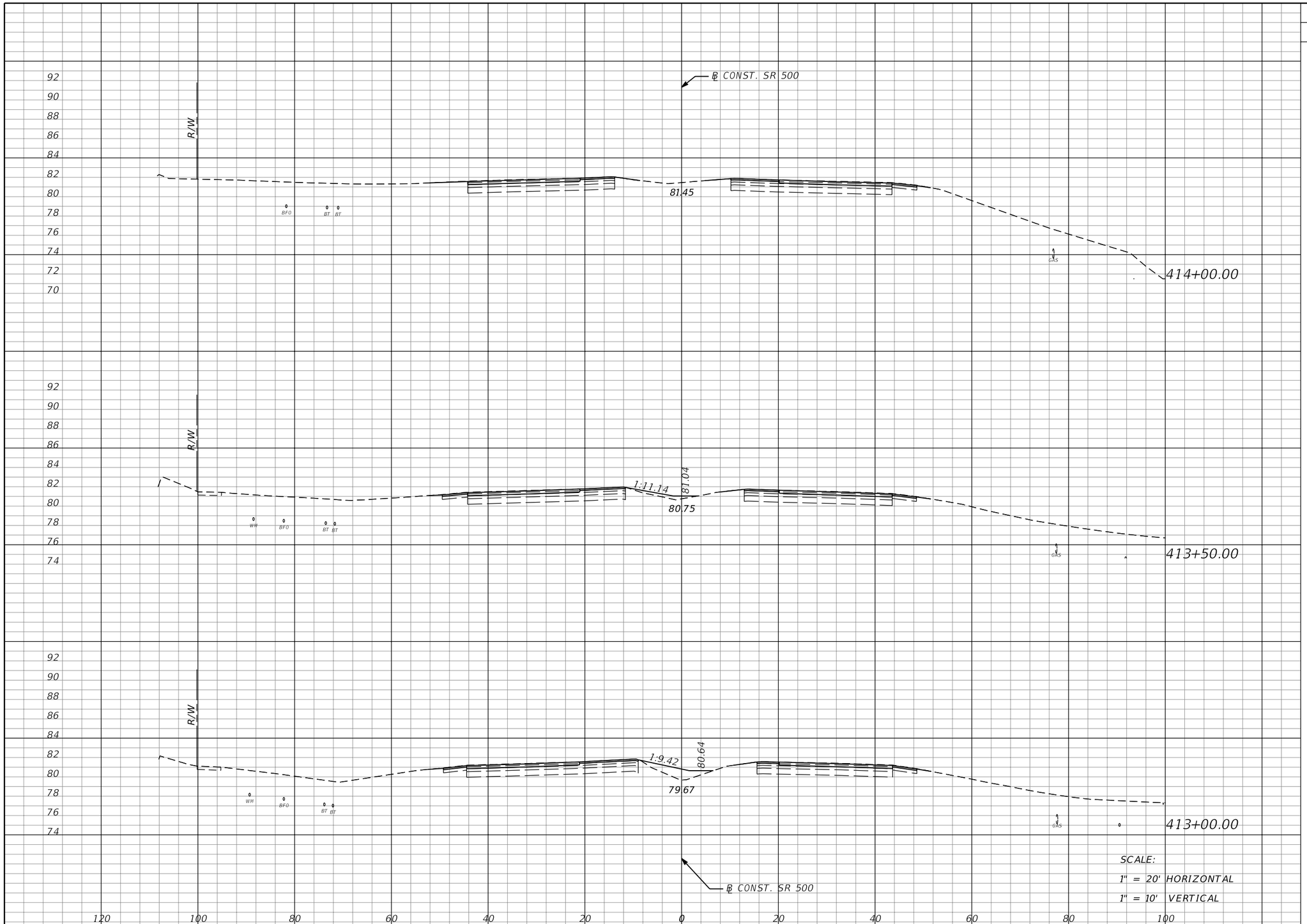
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 270

jcapra 3/28/2016 10:19:26 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Regular Exc.		Embankment	
A	V	A	V
0	0	0	3
0	0	3	12
0	0	10	21

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

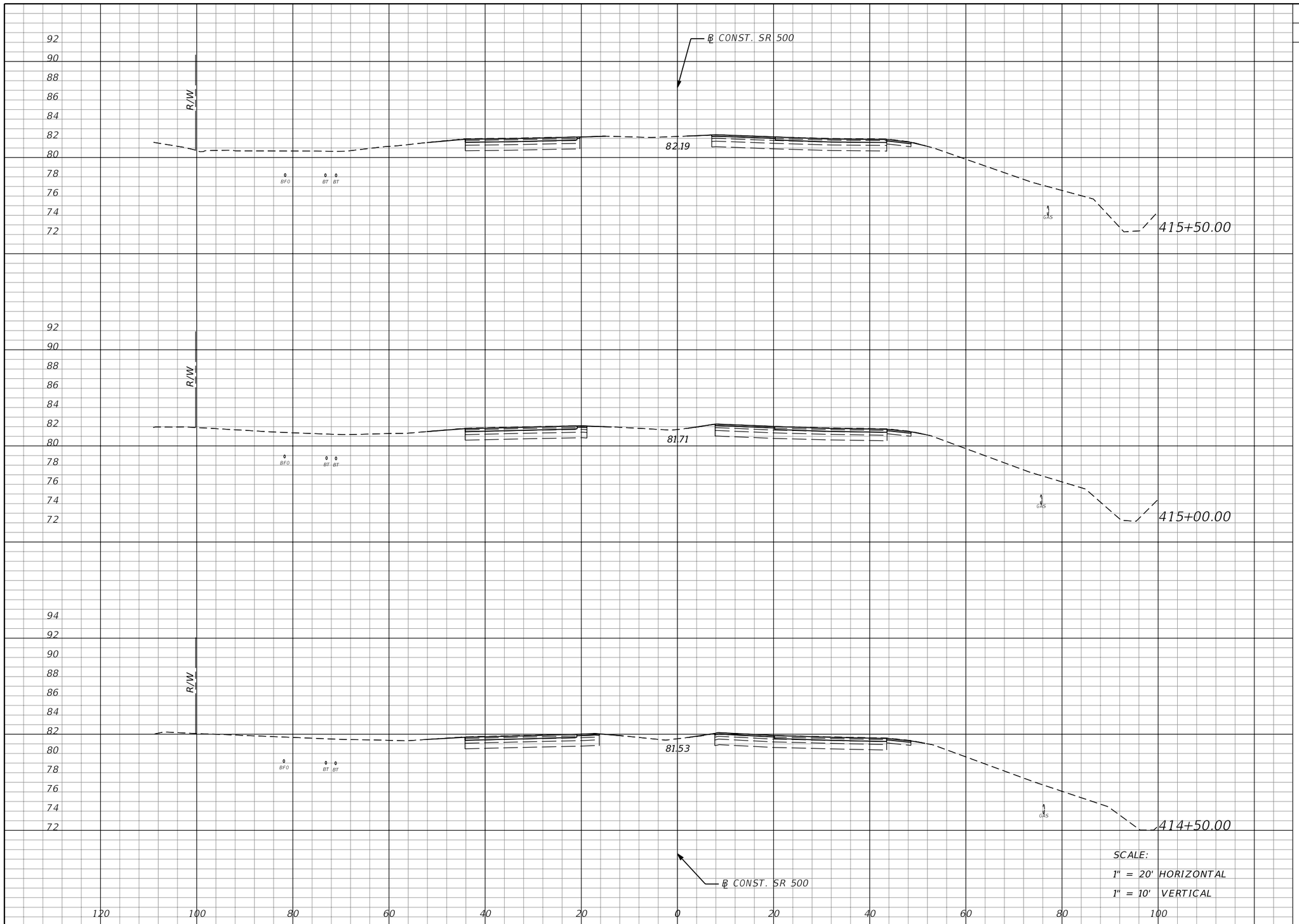
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 271

jcapra 3/28/2016 10:19:27 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Regular Exc.		Embankment	
A	V	A	V
0	0	0	0
0	0	0	0
0	0	0	0

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

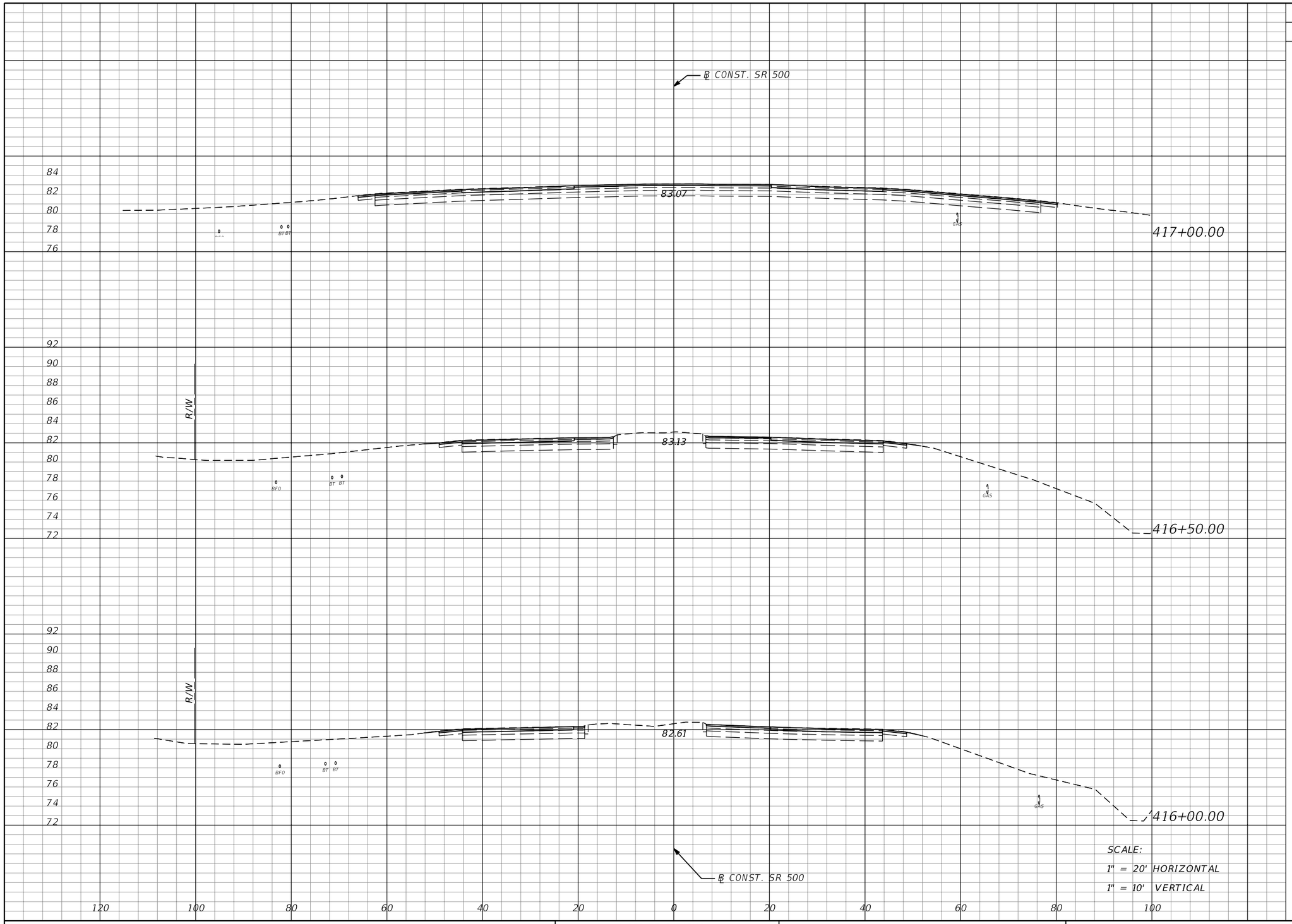
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 272

jcapra 3/28/2016 10:19:28 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



Regular Exc.		Embankment	
A	V	A	V
0	0	0	0
0	0	0	0
0	0	0	0

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

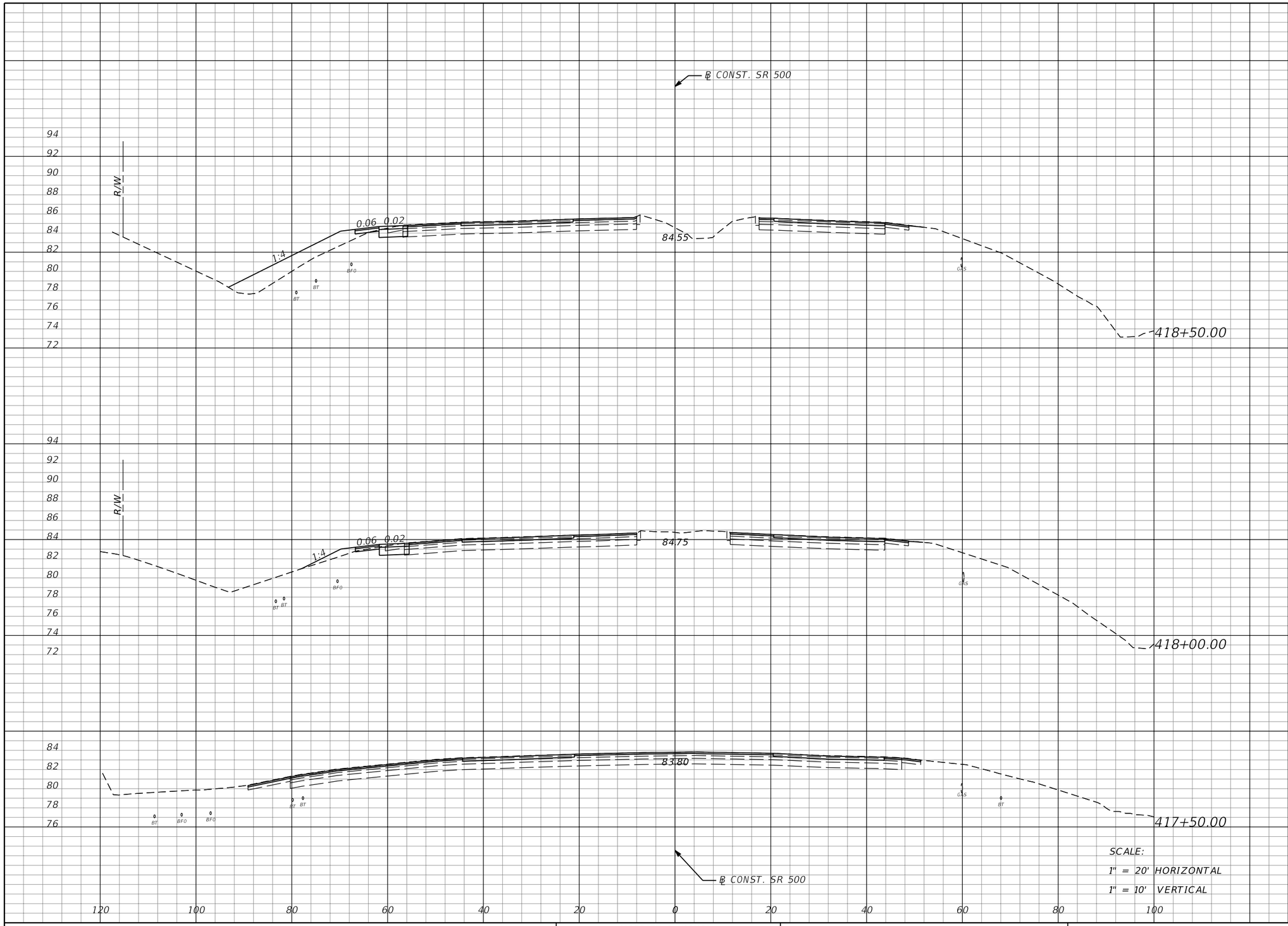
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 273

jcapra 3/28/2016 10:19:29 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



Regular Exc.		Embankment	
A	V	A	V
6	12	41	43
7	6	5	5
0	0	0	0

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

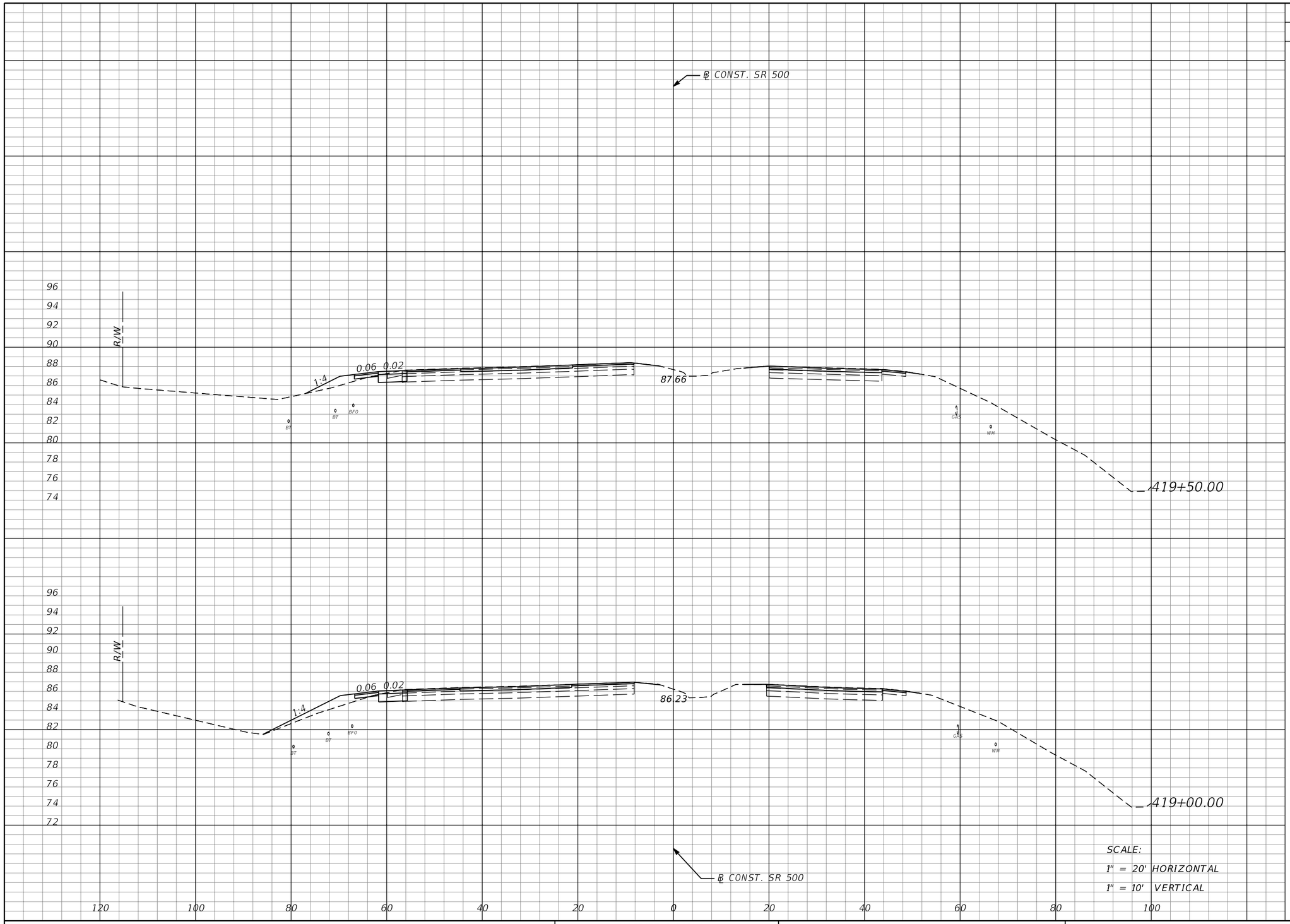
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 274

jcapra 3/28/2016 10:19:30 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



Regular Exc.		Embankment	
A	V	A	V
6	12	6	16
7	12	11	48

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

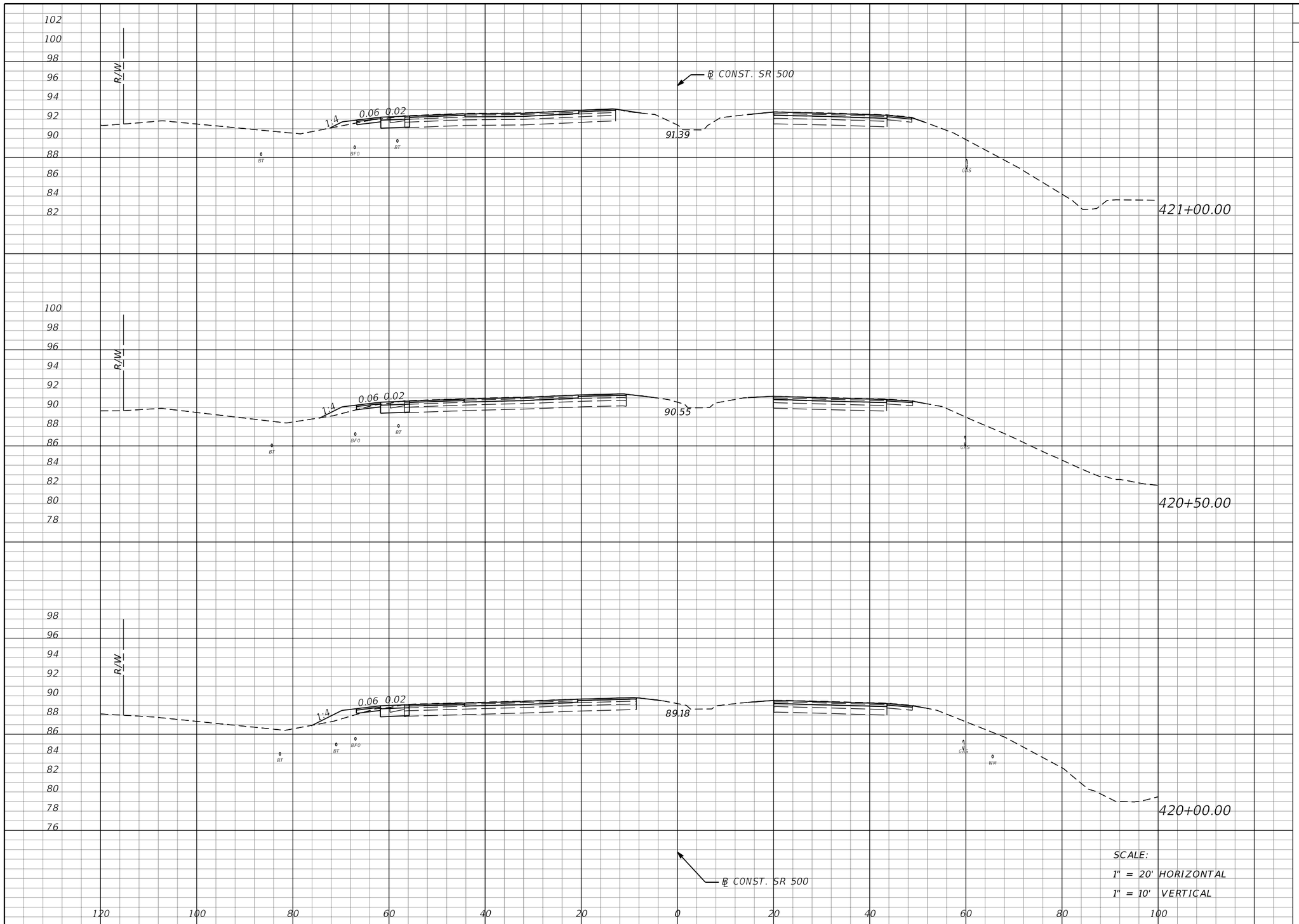
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 275

jcapra 3/28/2016 10:19:30 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



Regular Exc.		Embankment	
A	V	A	V
8	14	2	5
7	13	3	7
7	12	5	10

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

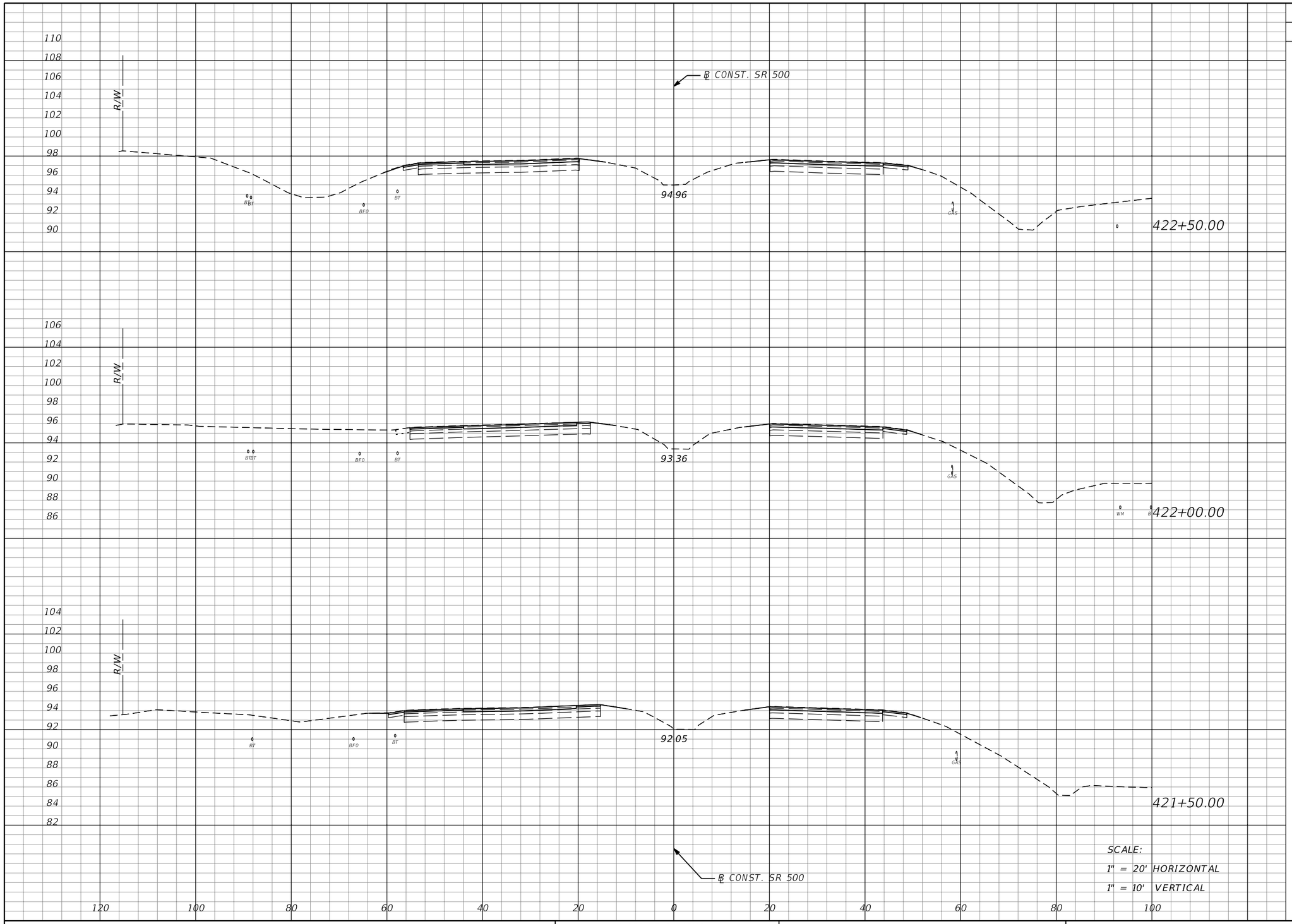
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 276



Regular Exc.		Embankment	
A	V	A	V
0	0	0	0
0	0	0	0
0	7	0	2

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

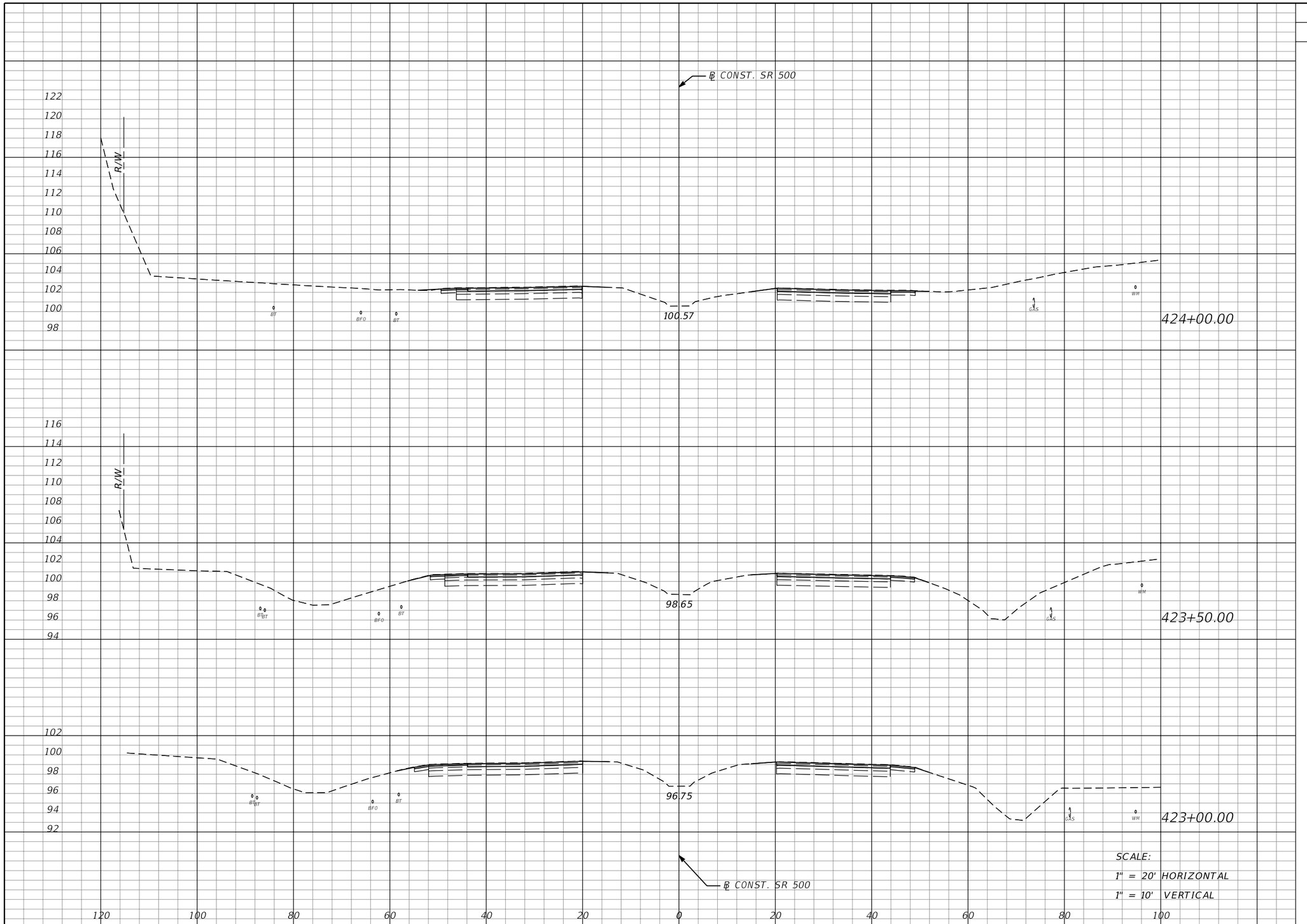
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 277

jcapra 3/28/2016 10:19:32 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



Regular Exc.		Embankment	
A	V	A	V
0	0	0	0
0	0	0	0
0	0	0	0

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

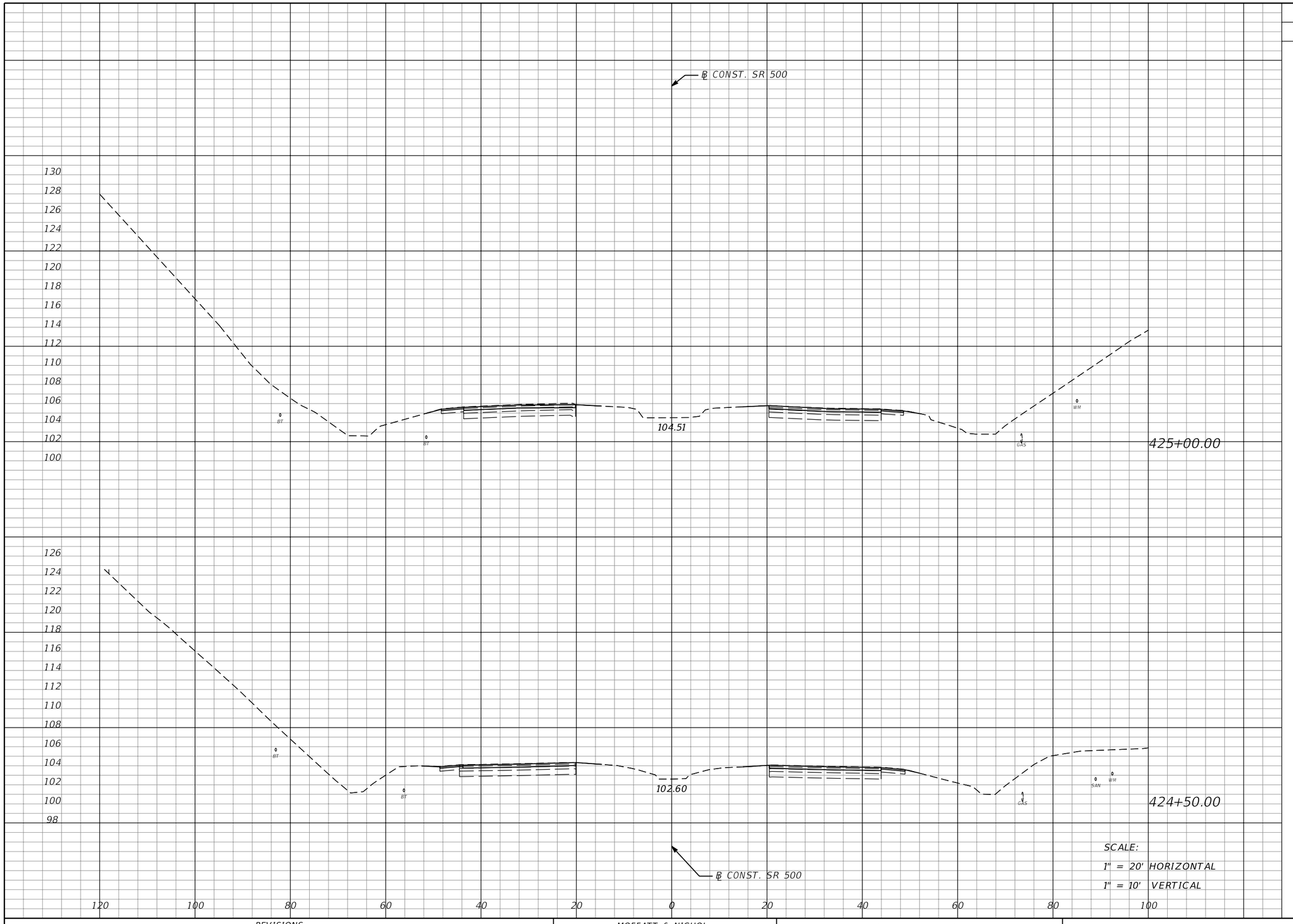
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 278

jcapra 3/28/2016 10:19:33 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular Exc.		Embankment	
A	V	A	V
0	0	0	0
0	0	0	0

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

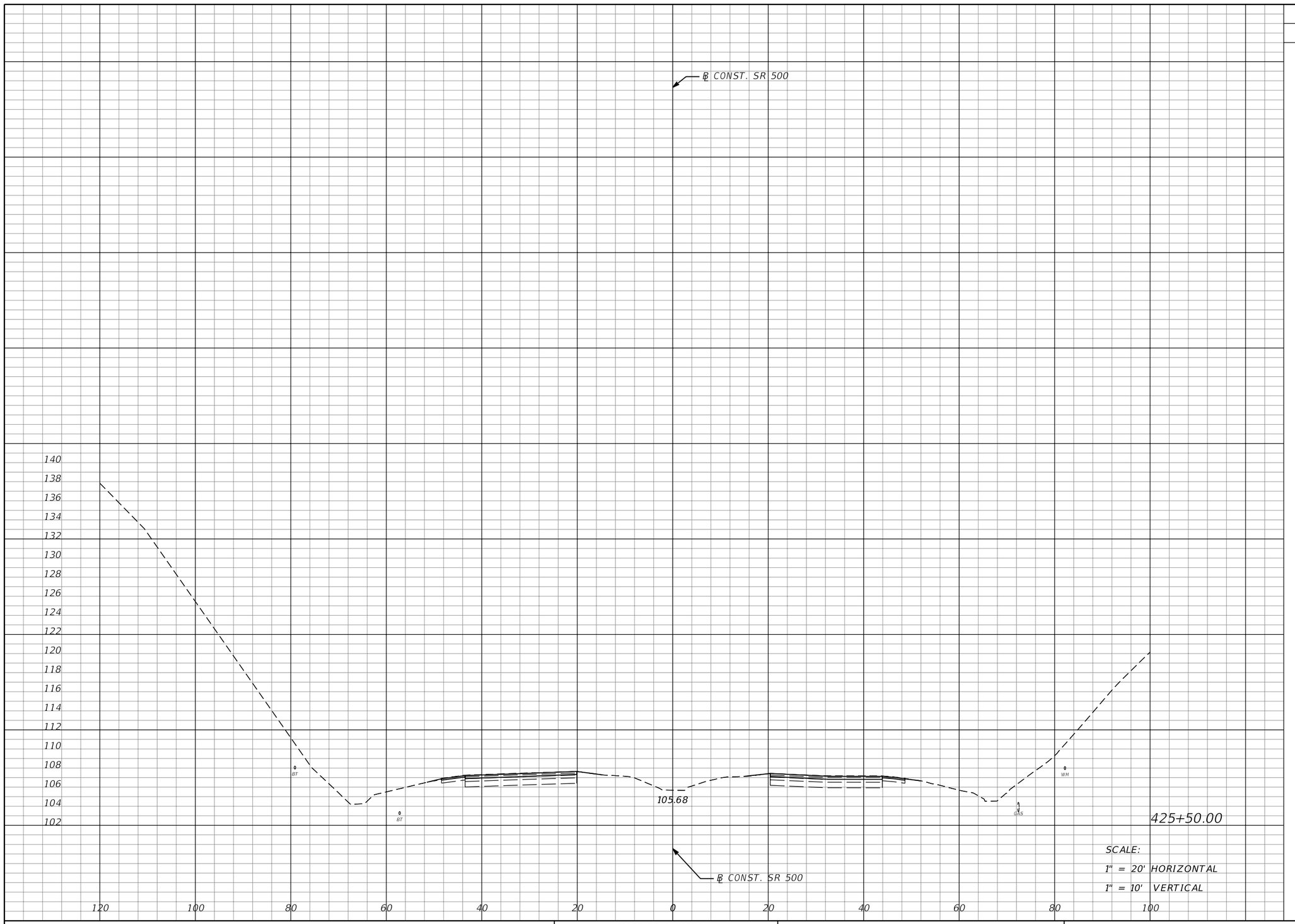
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 279

jcapra 3/28/2016 10:19:34 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



Regular Exc.		Embankment	
A	V	A	V
0	0	0	0

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

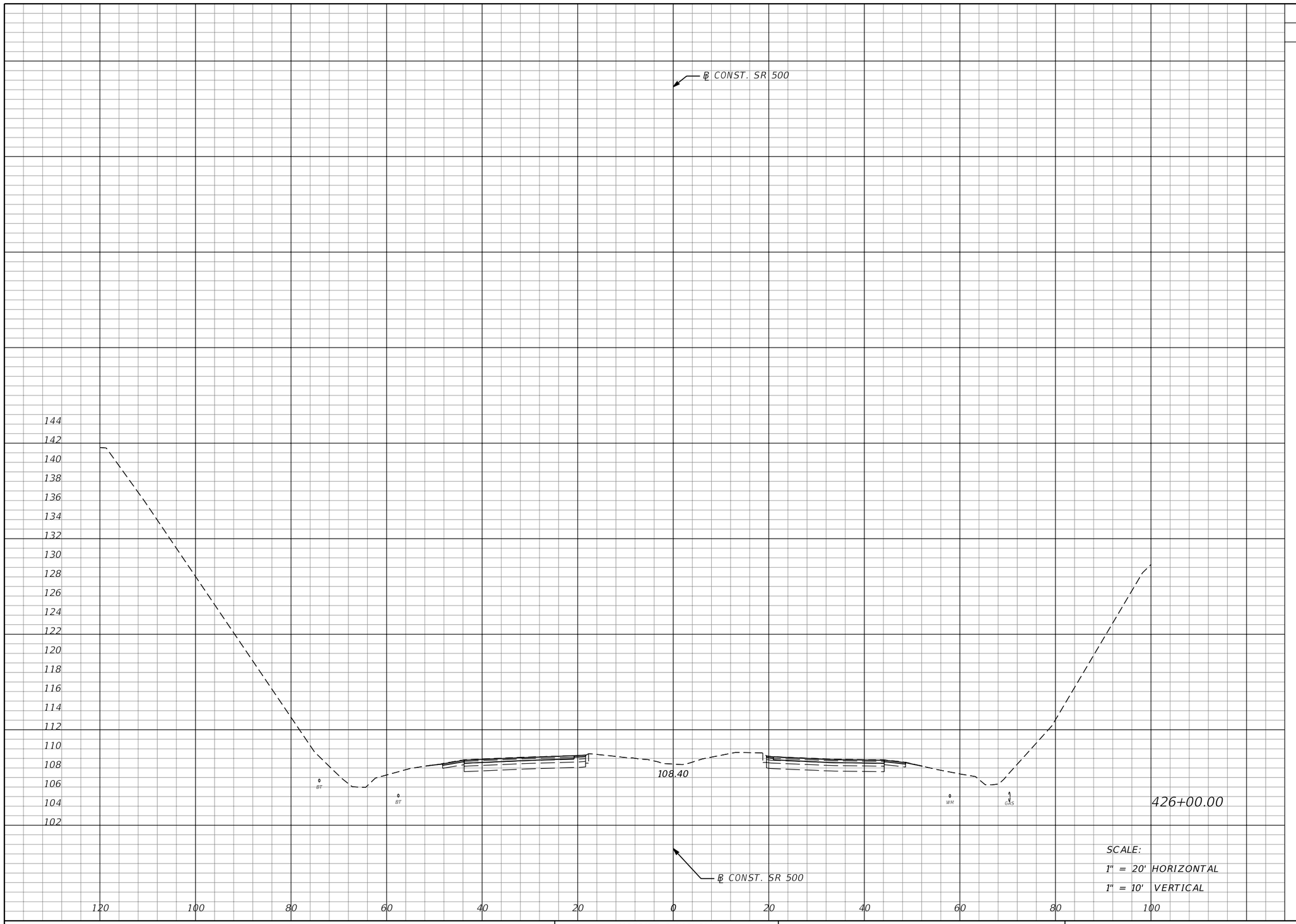
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 280



Regular Exc.		Embankment	
A	V	A	V
0	0	0	0

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

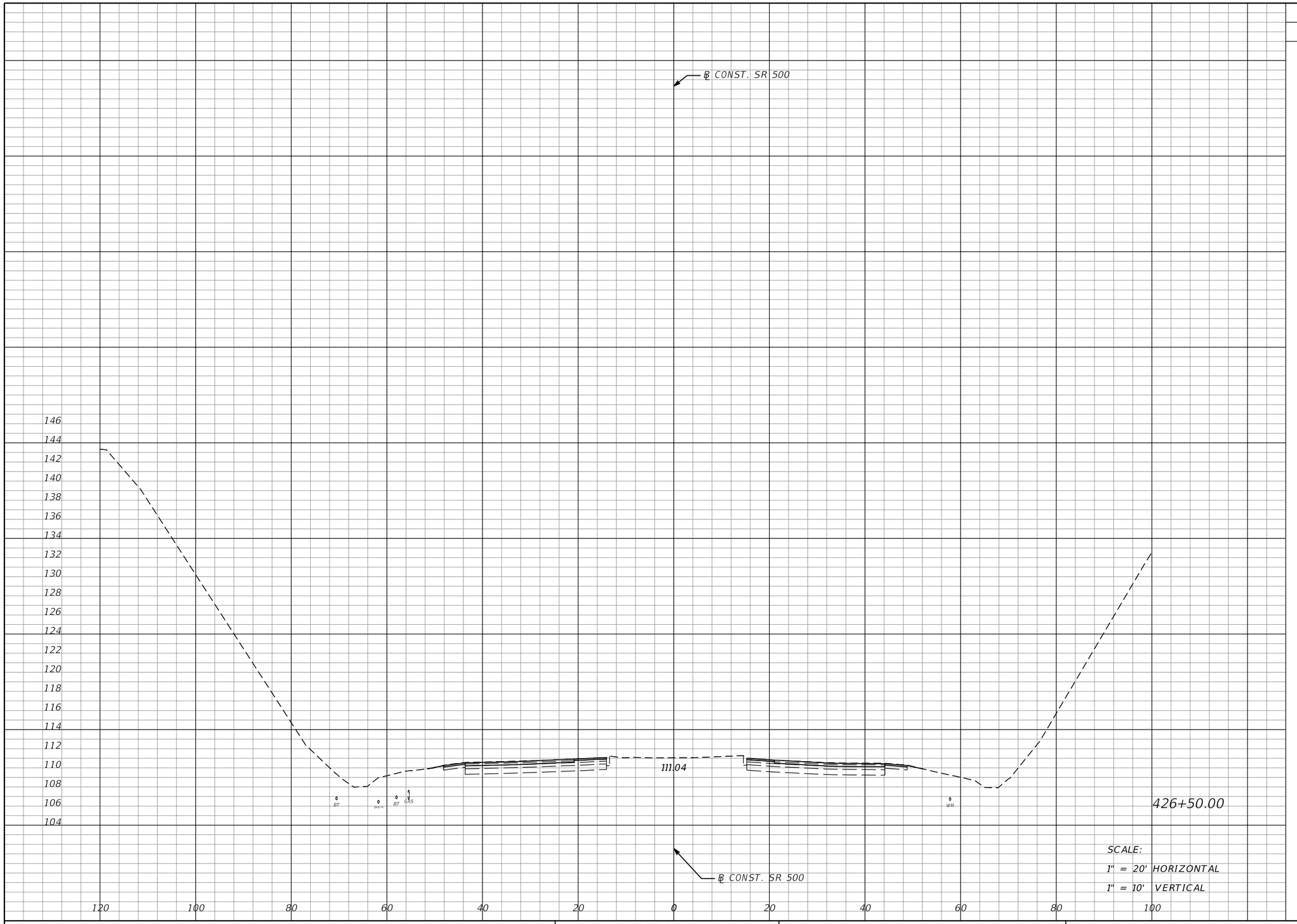
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 281

jcapra 3/28/2016 10:19:35 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



Regular Exc.		Embankment	
A	V	A	V
0	0	0	0

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

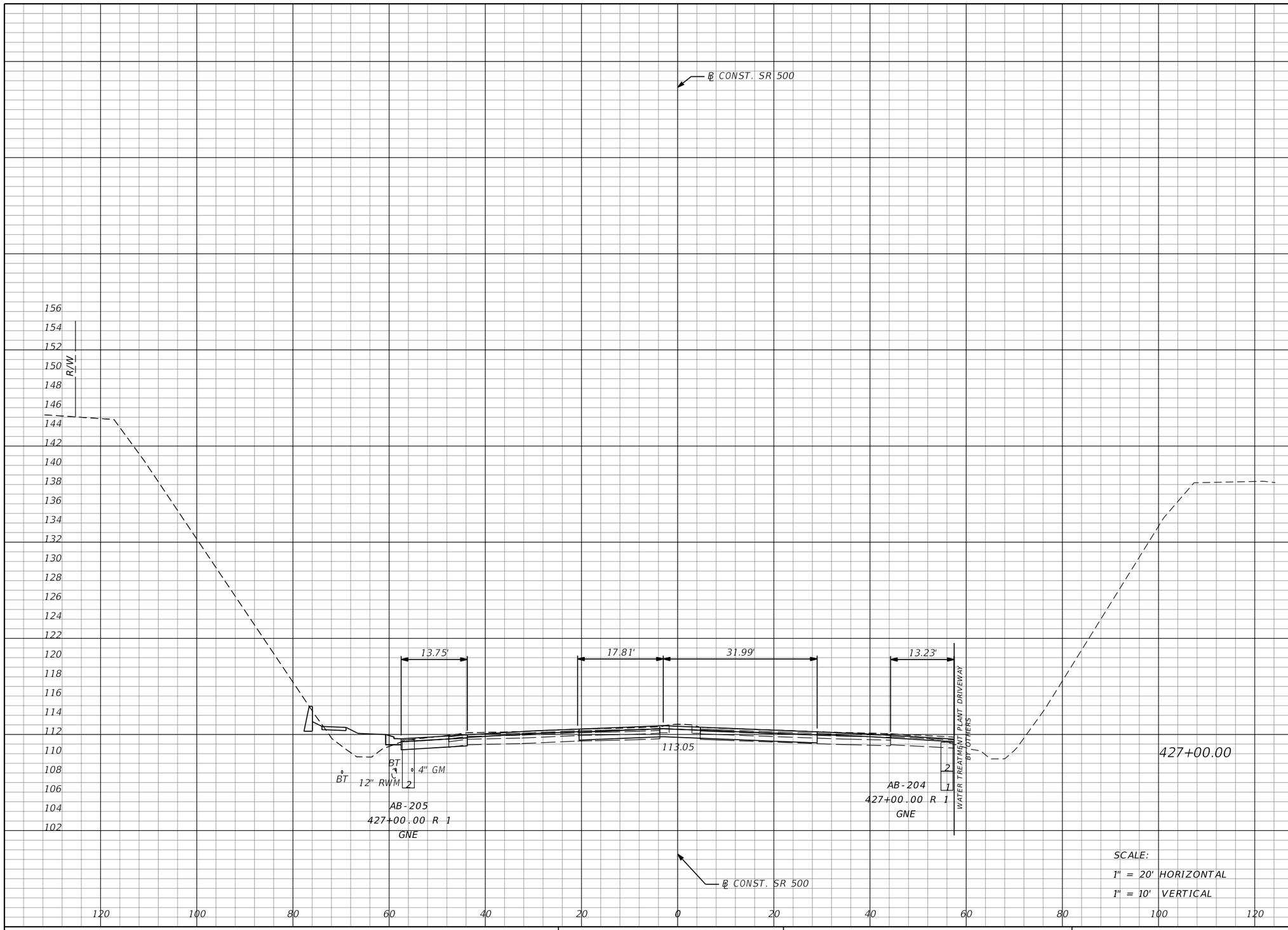
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 282

jcapra 3/28/2016 10:19:36 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



Regular Exc.		Embankment	
A	V	A	V
77	71	37	34

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

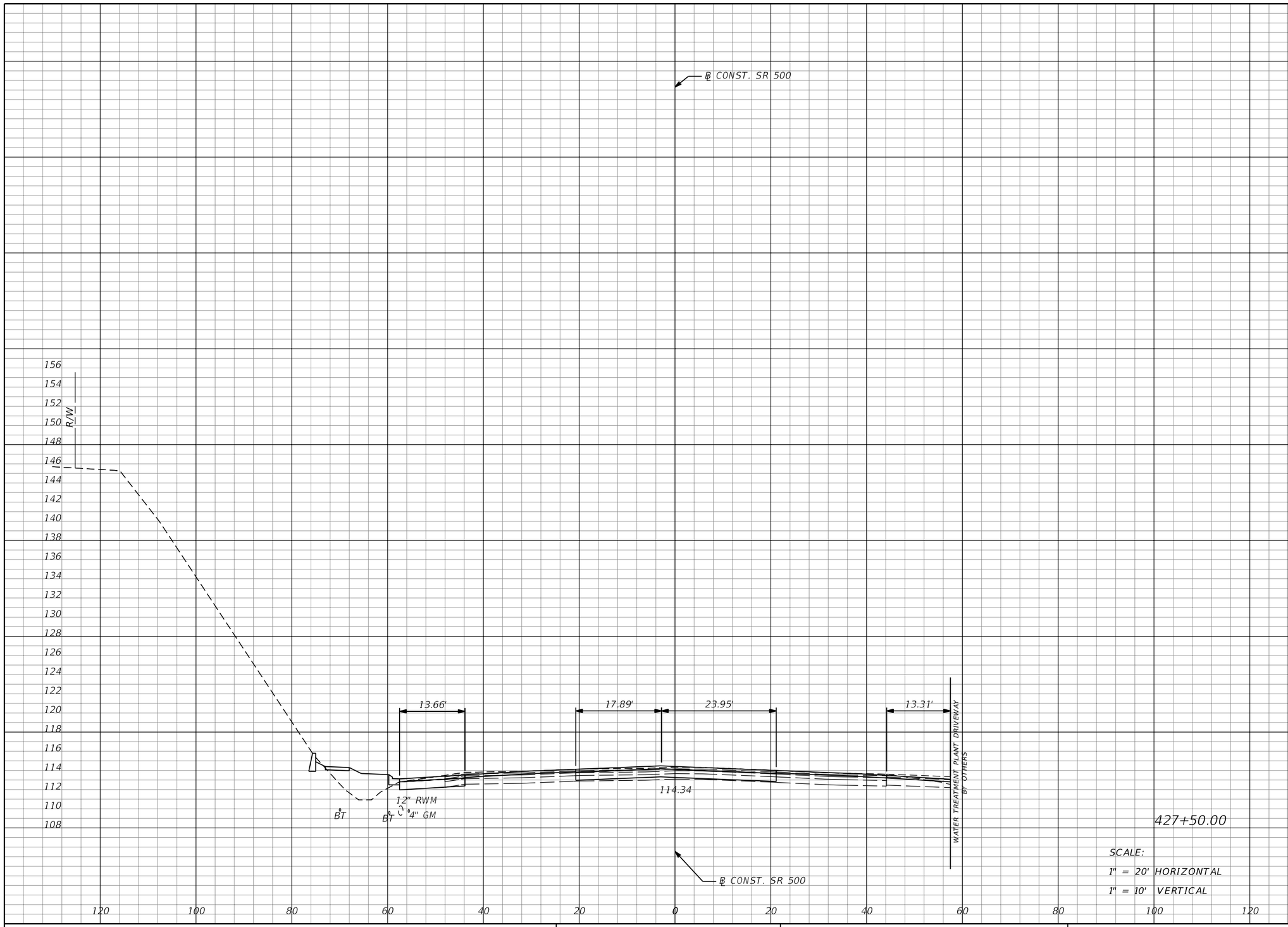
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 283

jcapra 3/28/2016 10:19:37 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



Regular Exc.		Embankment	
A	V	A	V
74	140	43	74

427+50.00

SCALE:

1" = 20' HORIZONTAL

1" = 10' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

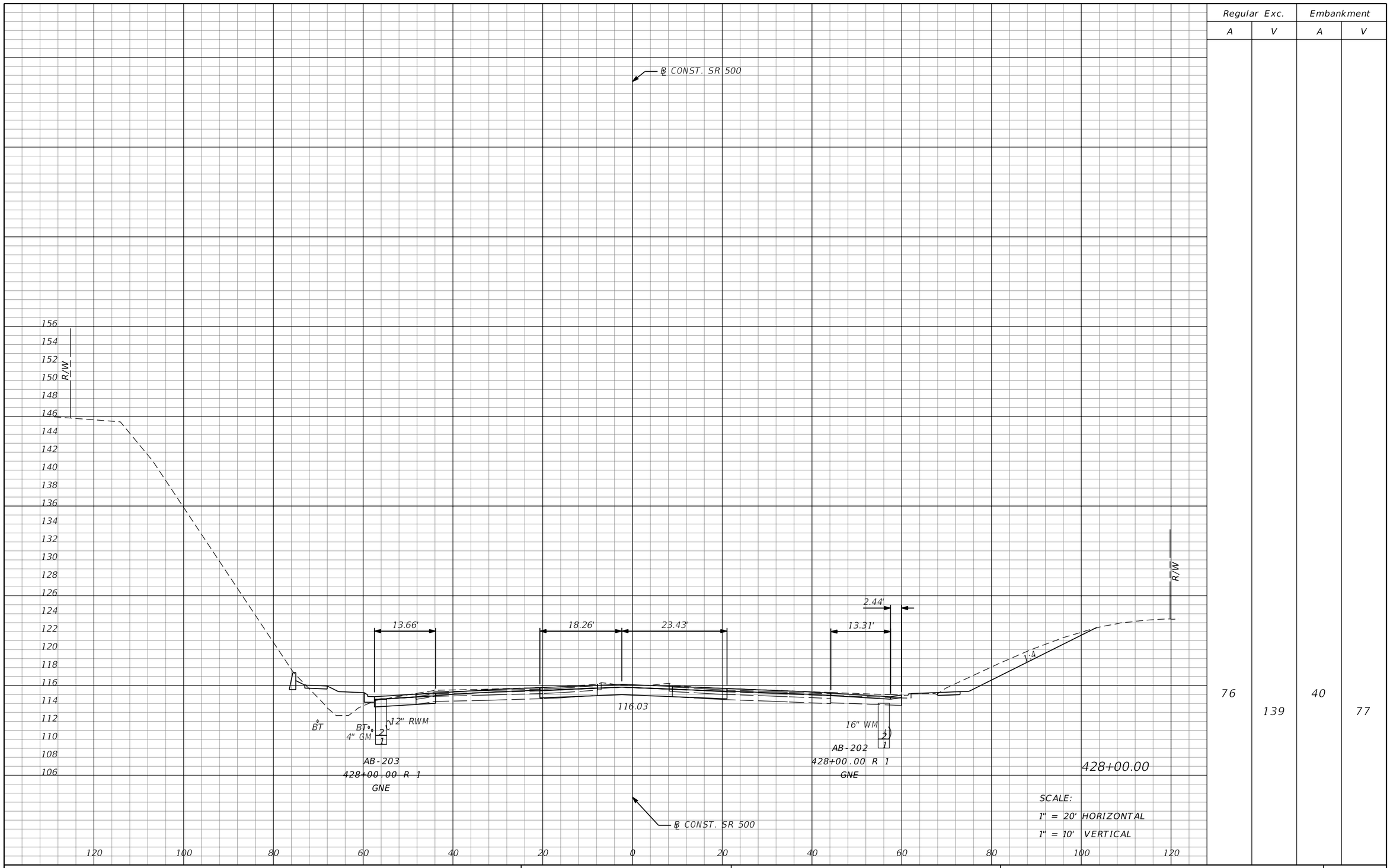
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 284

jcapra 3/28/2016 10:19:38 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



Regular Exc.		Embankment	
A	V	A	V
76	139	40	77

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

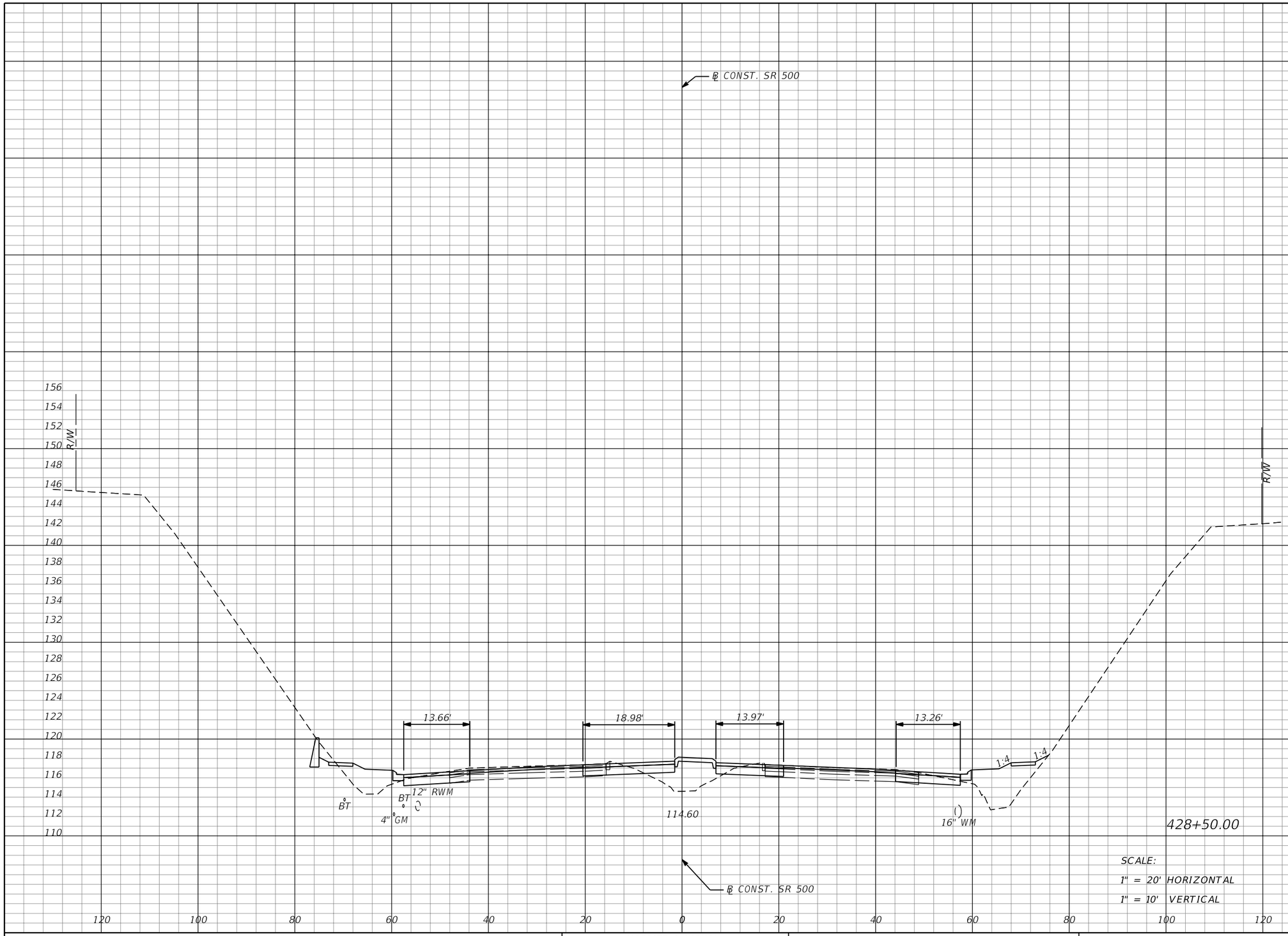
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 285

jcapra 3/28/2016 10:19:38 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



Regular Exc.		Embankment	
A	V	A	V
52	119	123	151

428+50.00

SCALE:

1" = 20' HORIZONTAL

1" = 10' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

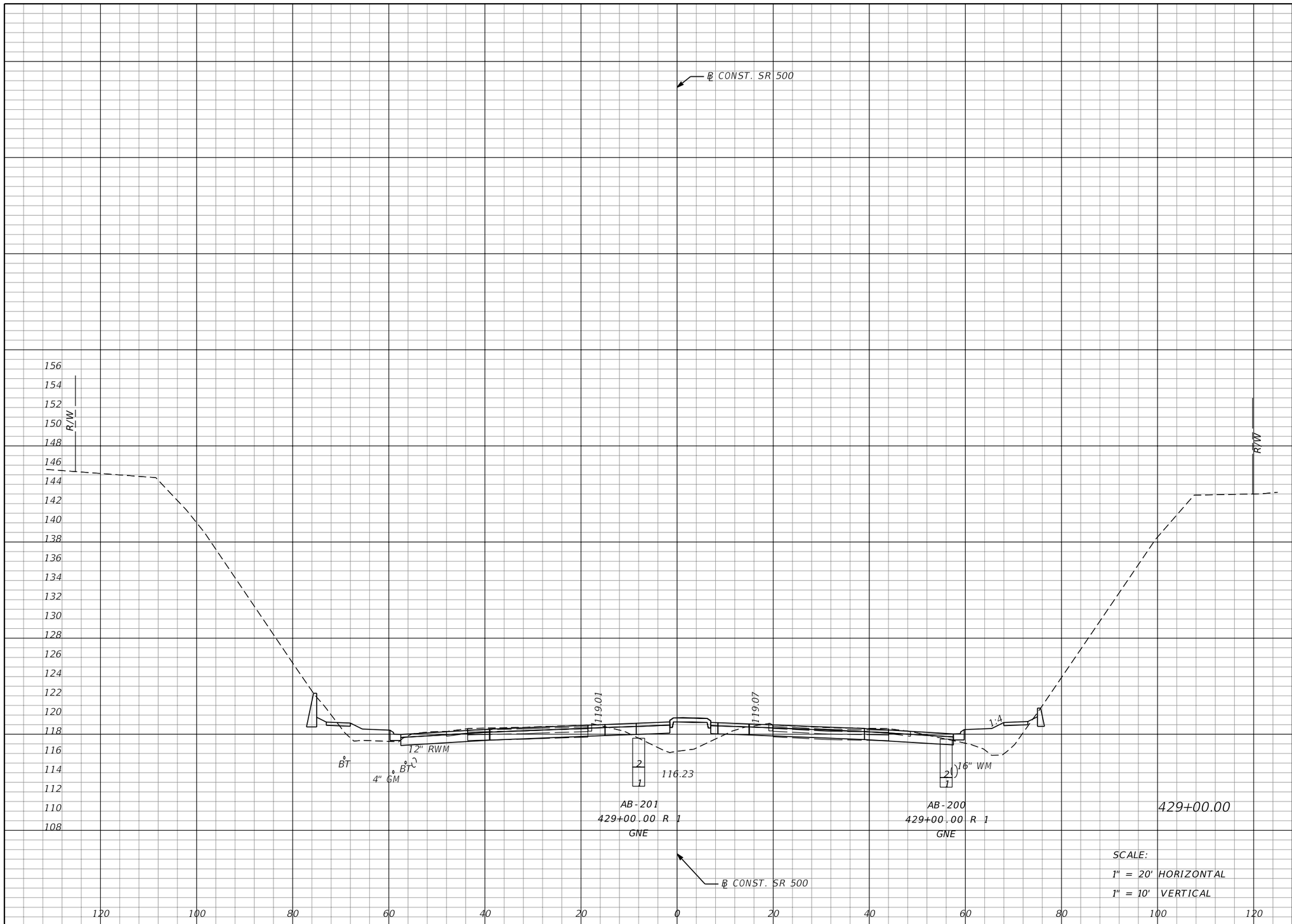
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 286

jcapra 3/28/2016 10:19:39 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



Regular Exc.		Embankment	
A	V	A	V
301	327	101	207

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

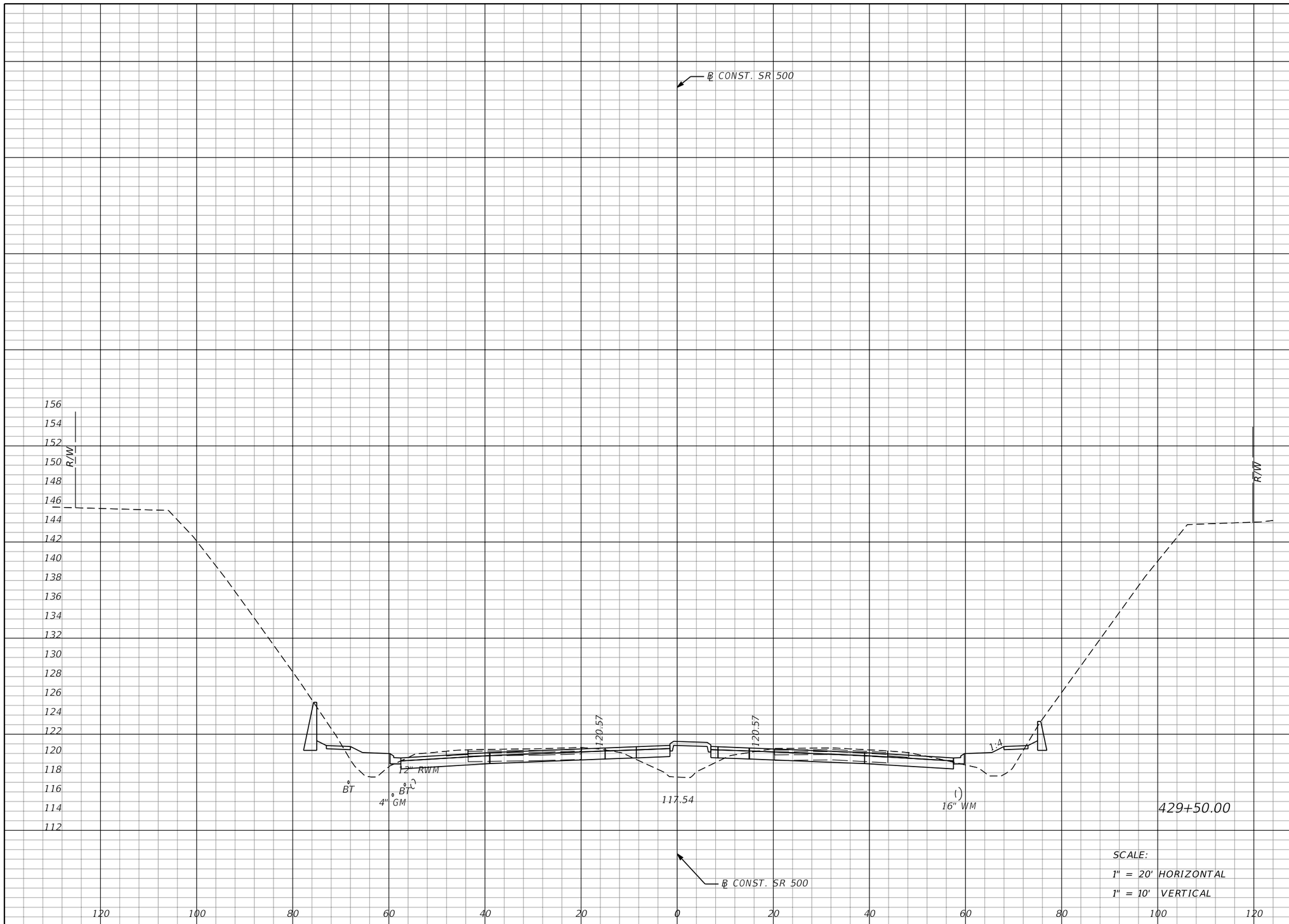
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 287

jcapra 3/28/2016 10:19:40 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



Regular Exc.		Embankment	
A	V	A	V
470	714	97	183

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

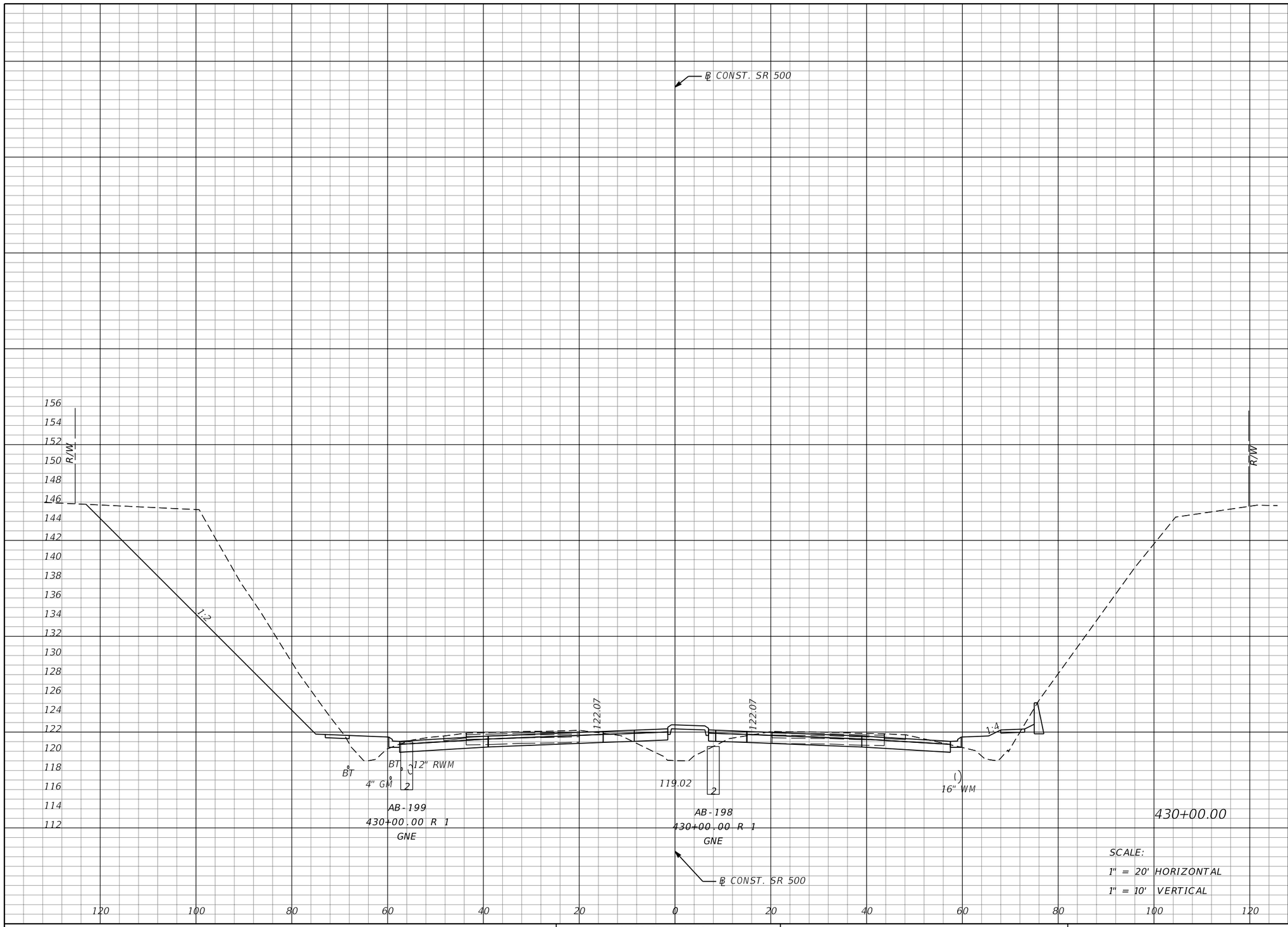
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 288



Regular Exc.		Embankment	
A	V	A	V
456	857	97	180

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

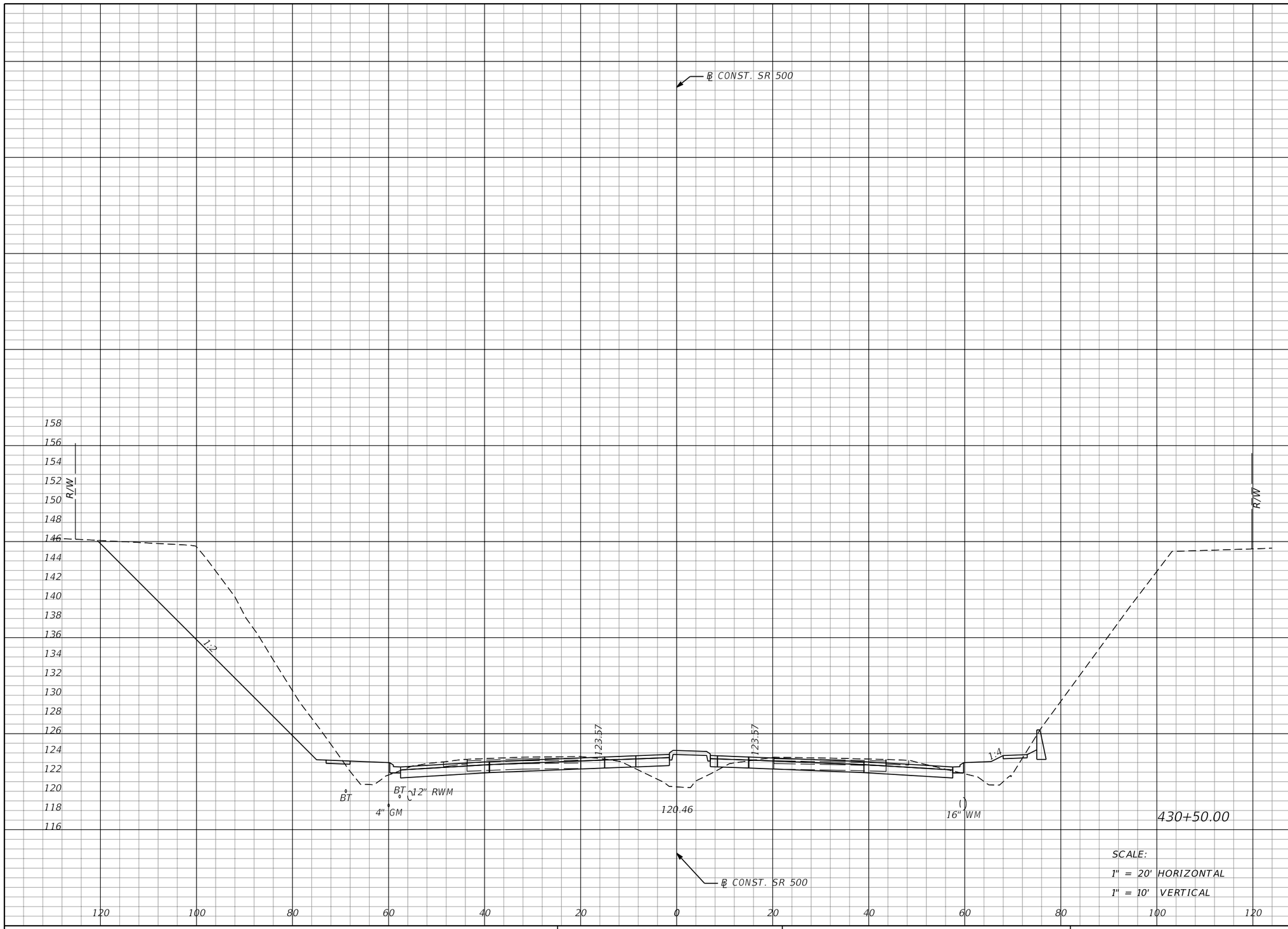
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 289



Regular Exc.		Embankment	
A	V	A	V
511	895	86	169

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

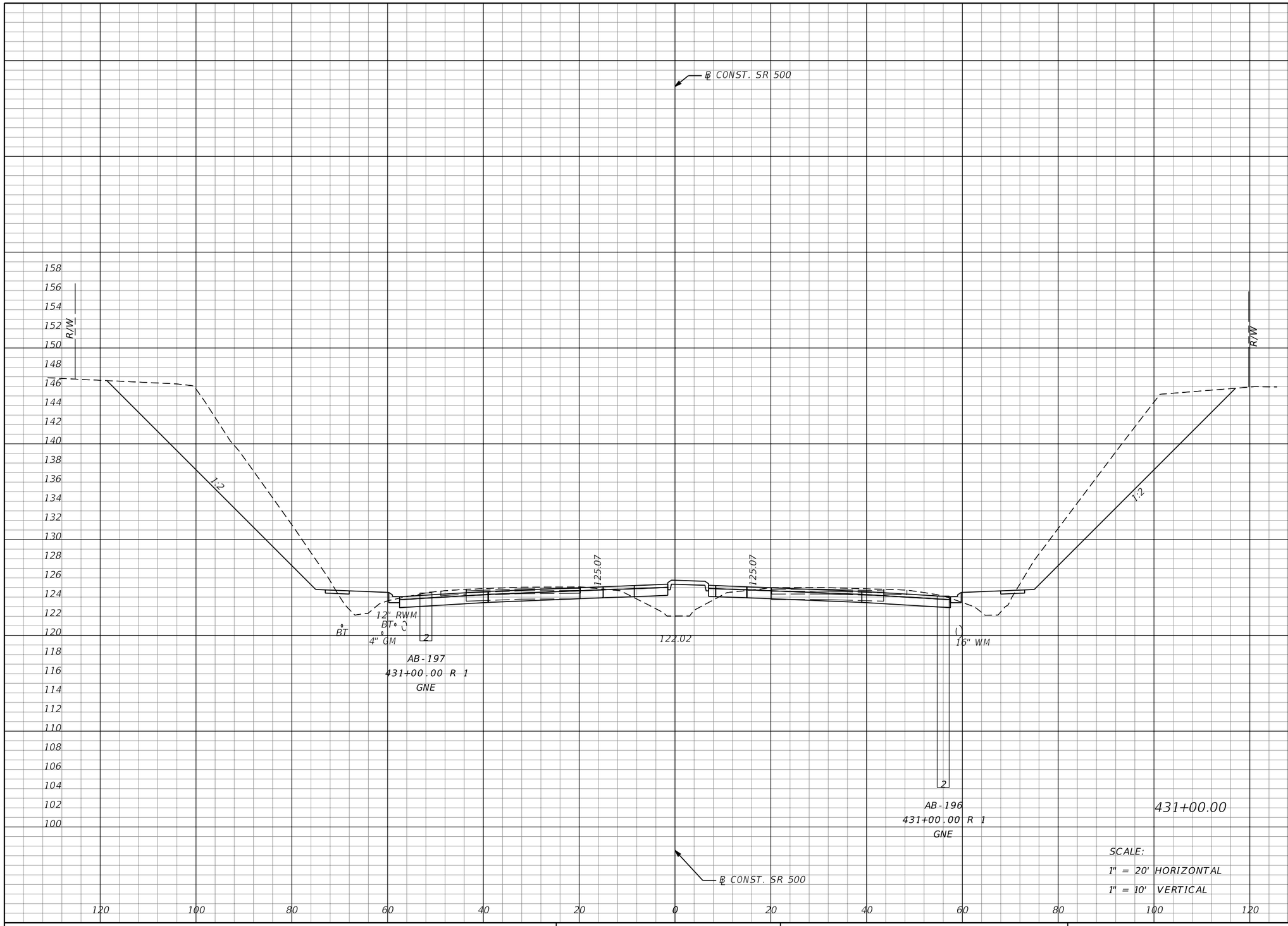
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 290

jcapra 3/28/2016 10:19:42 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



Regular Exc.		Embankment	
A	V	A	V
555	987	68	143

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

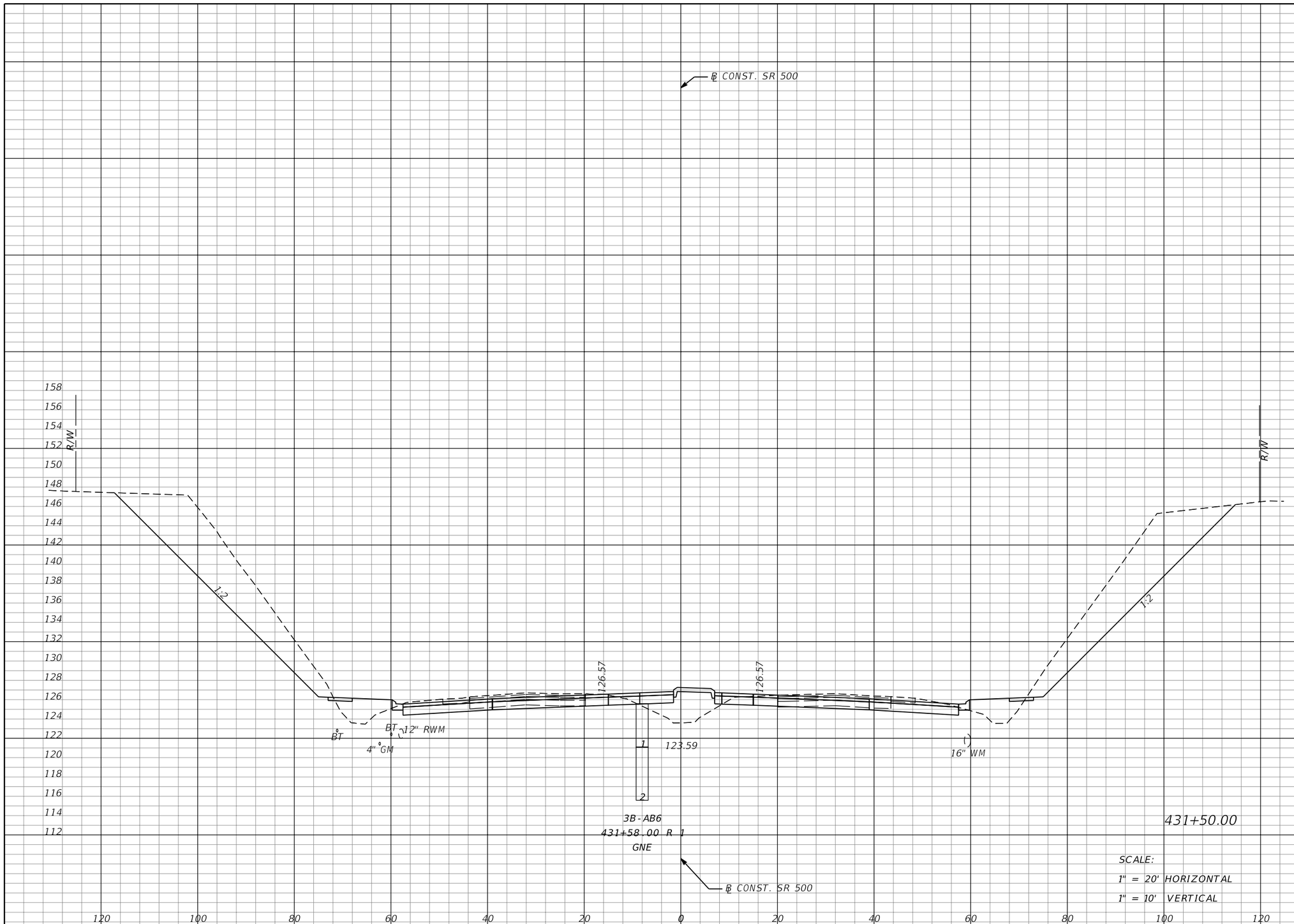
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 291

jcapra 3/28/2016 10:19:43 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



Regular Exc.		Embankment	
A	V	A	V
499	976	71	129

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

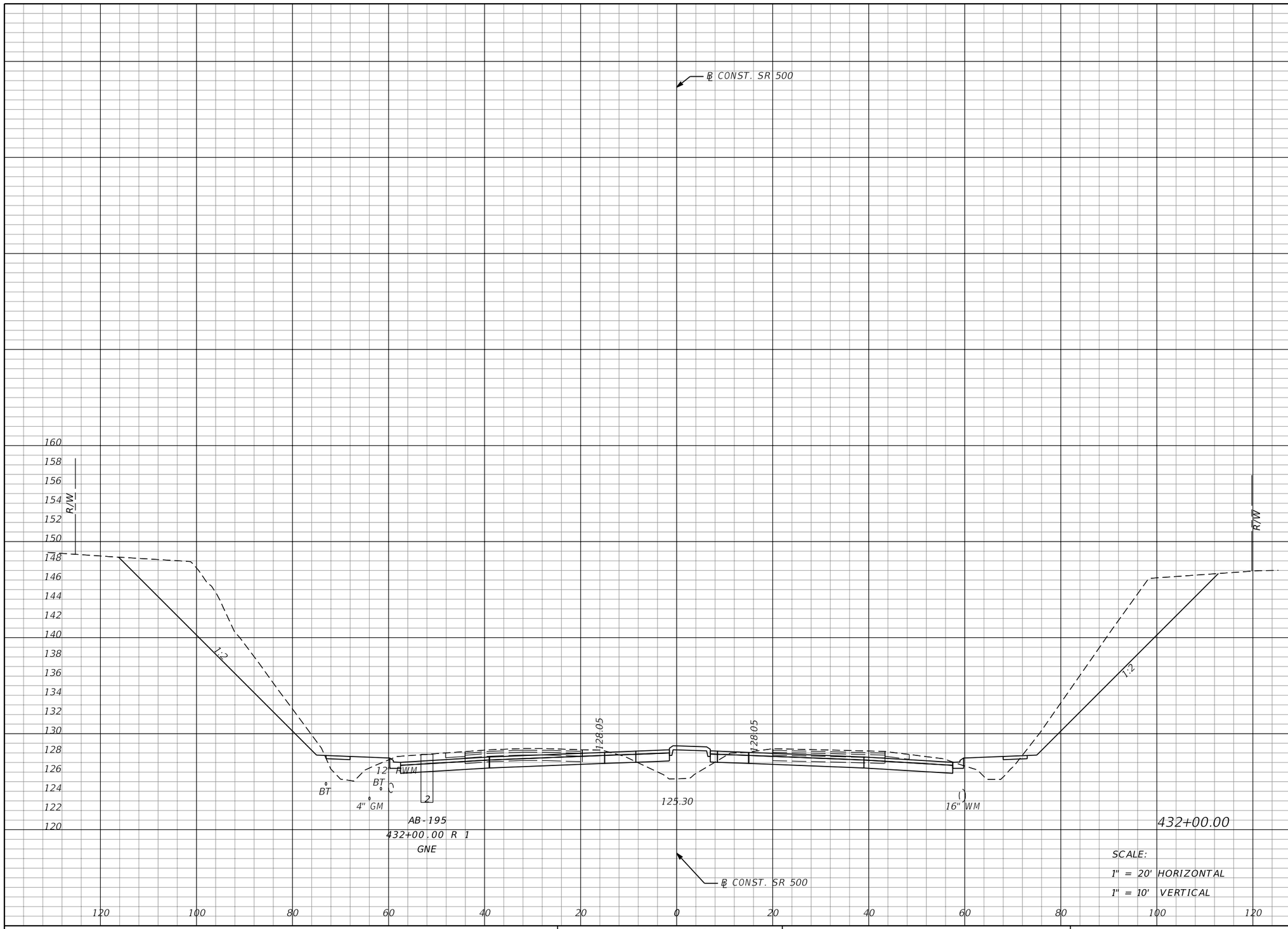
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 292

jcapra 3/28/2016 10:19:44 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



Regular Exc.		Embankment	
A	V	A	V
474	901	63	124

432+00.00

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

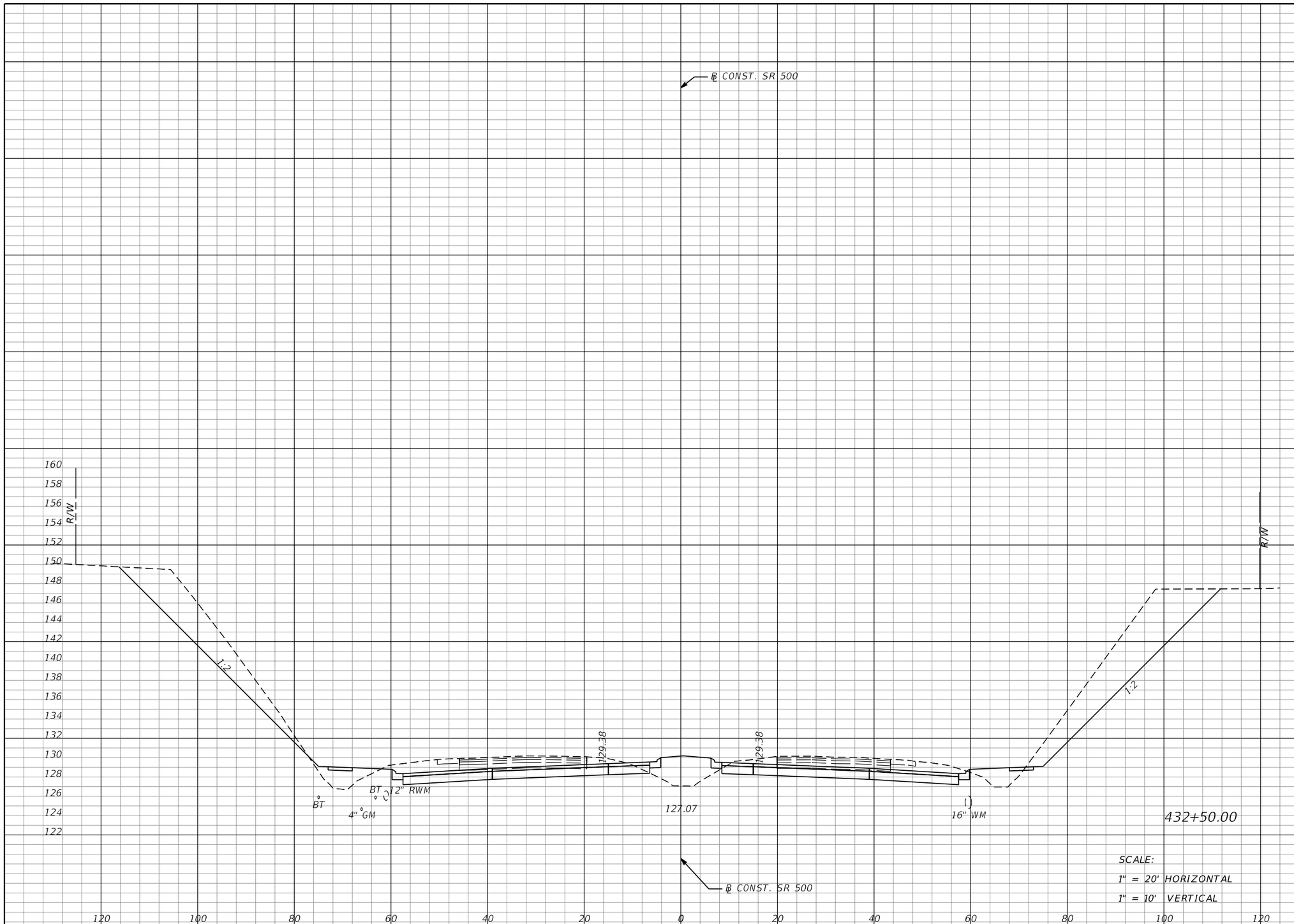
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 293



Regular Exc.		Embankment	
A	V	A	V
469	873	61	115

432+50.00

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

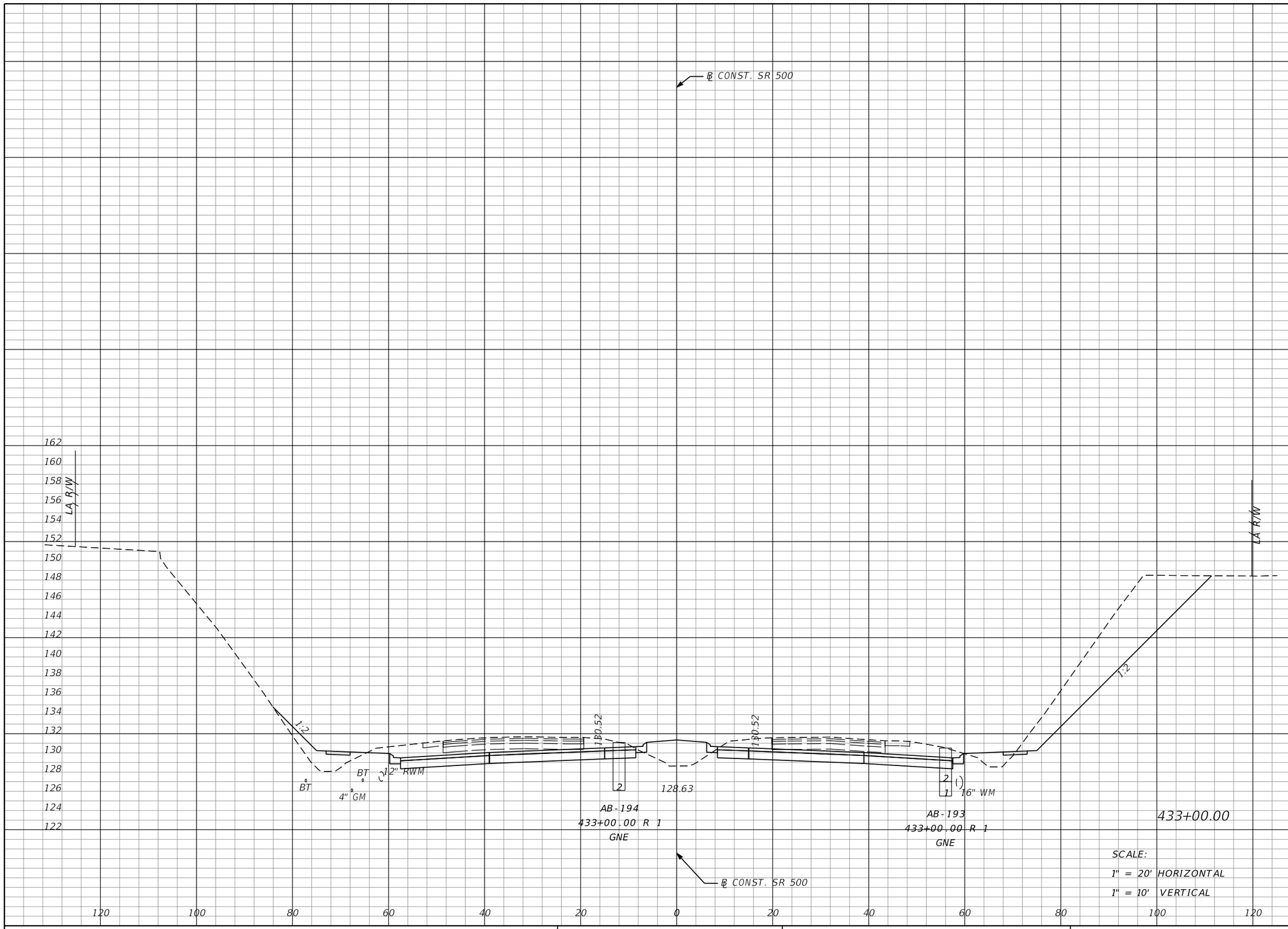
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 294

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular Exc.		Embankment	
A	V	A	V
482	881	58	110

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

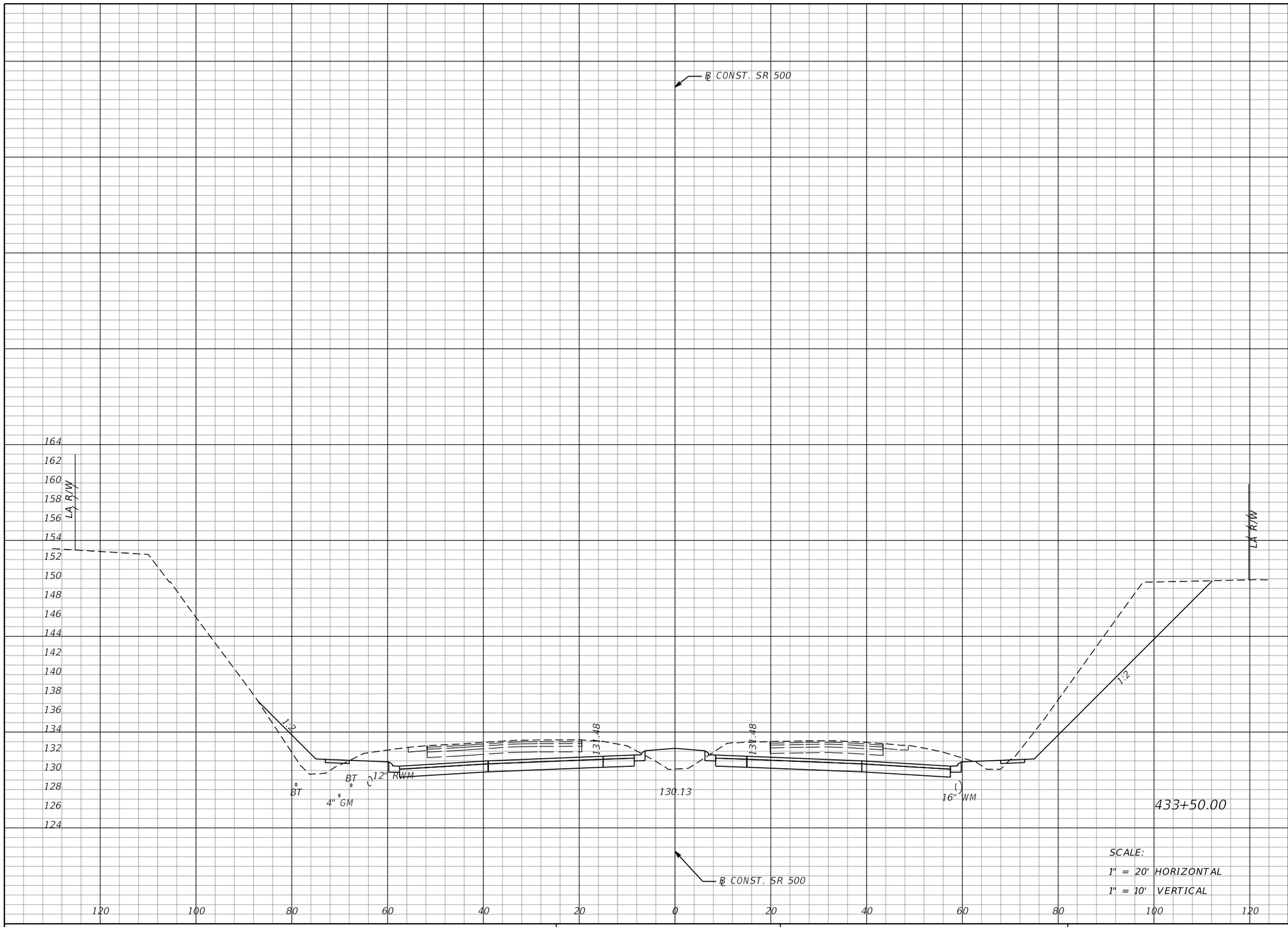
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 295

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

jcapra 3/28/2016 10:19:46 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



Regular Exc.		Embankment	
A	V	A	V
538	944	46	96

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

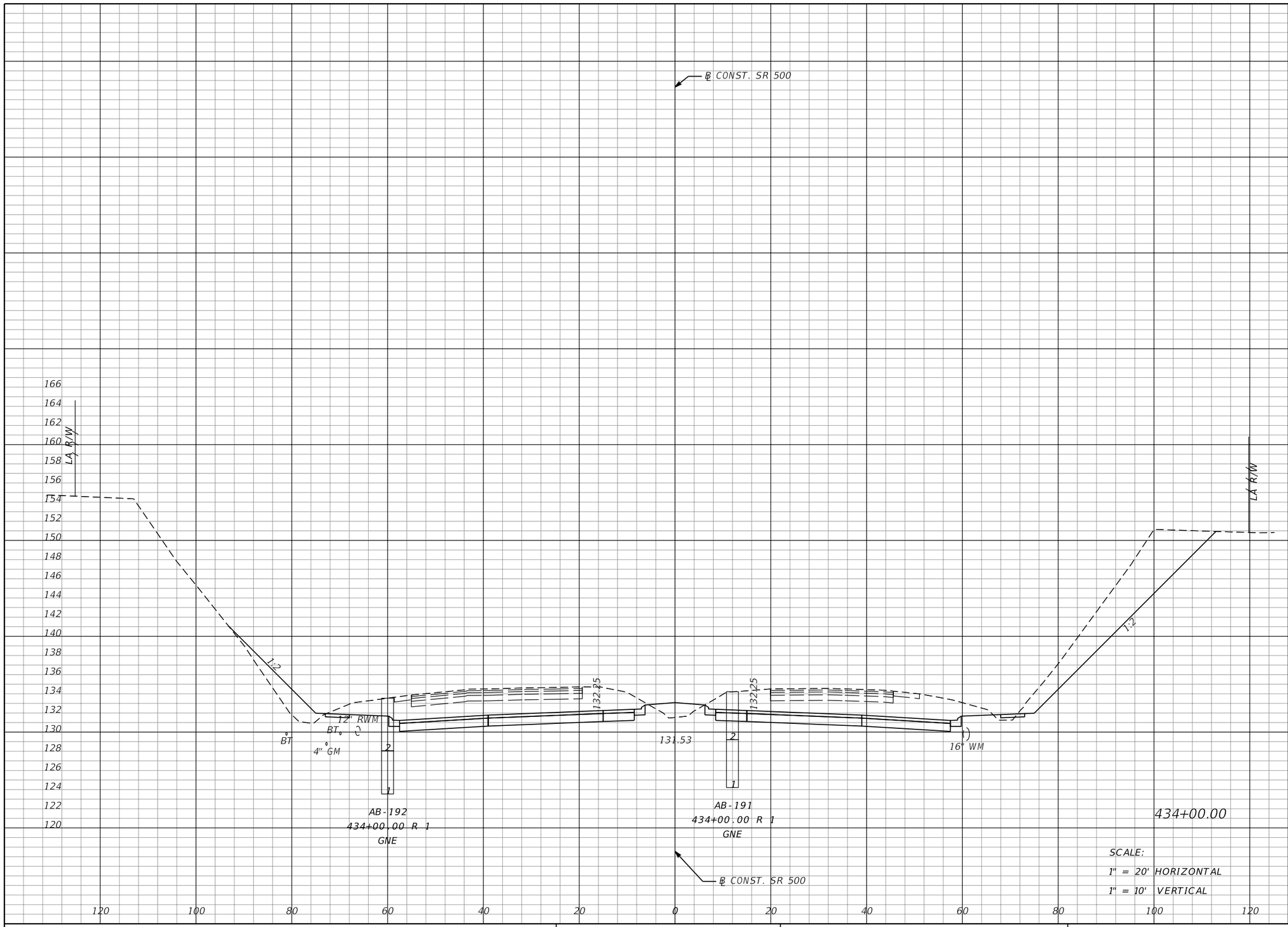
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 296



Regular Exc.		Embankment	
A	V	A	V
590	1044	40	80

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

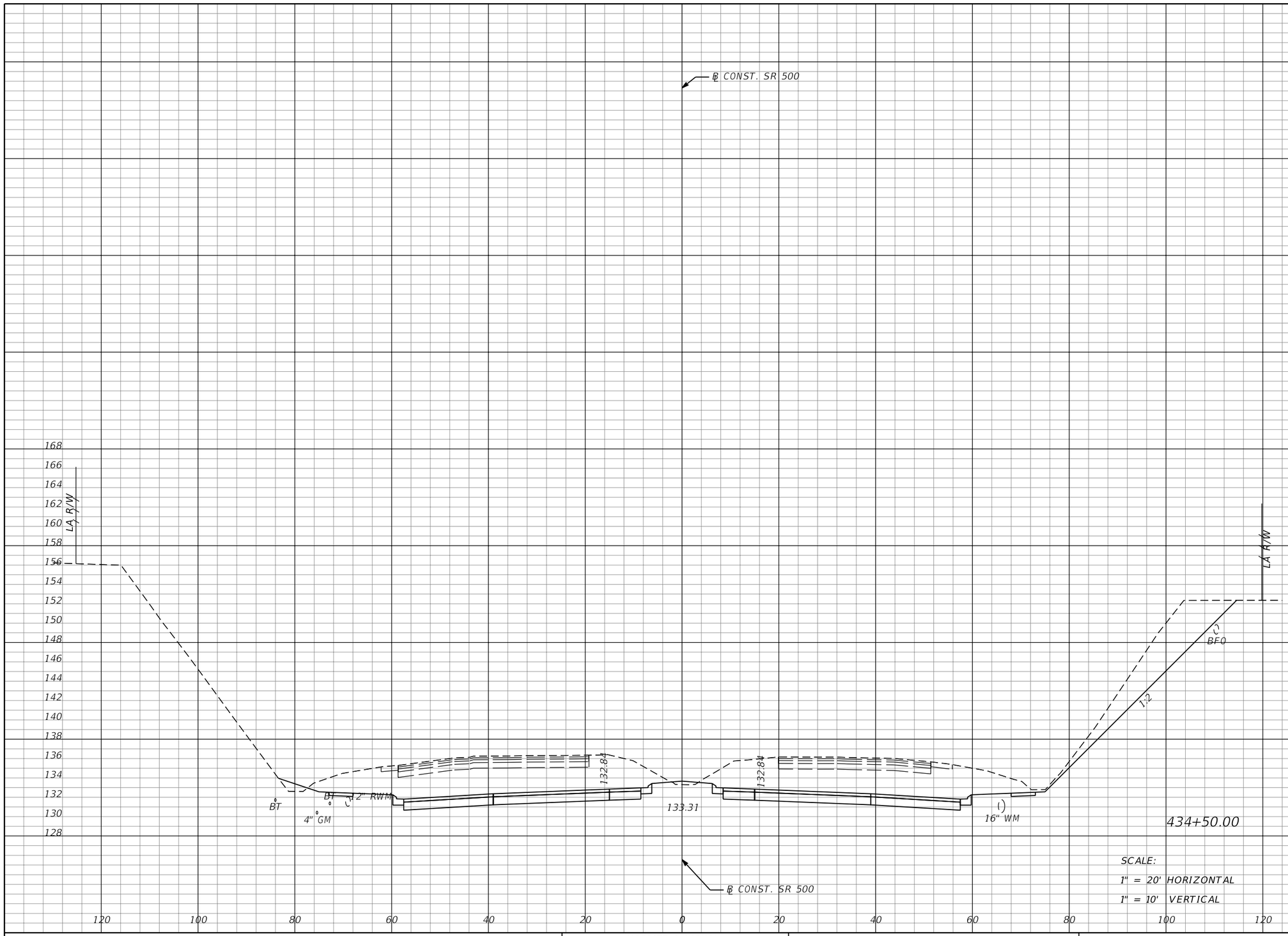
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 297

jcapra 3/28/2016 10:19:47 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



Regular Exc.		Embankment	
A	V	A	V
663	1160	5	42

434+50.00

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

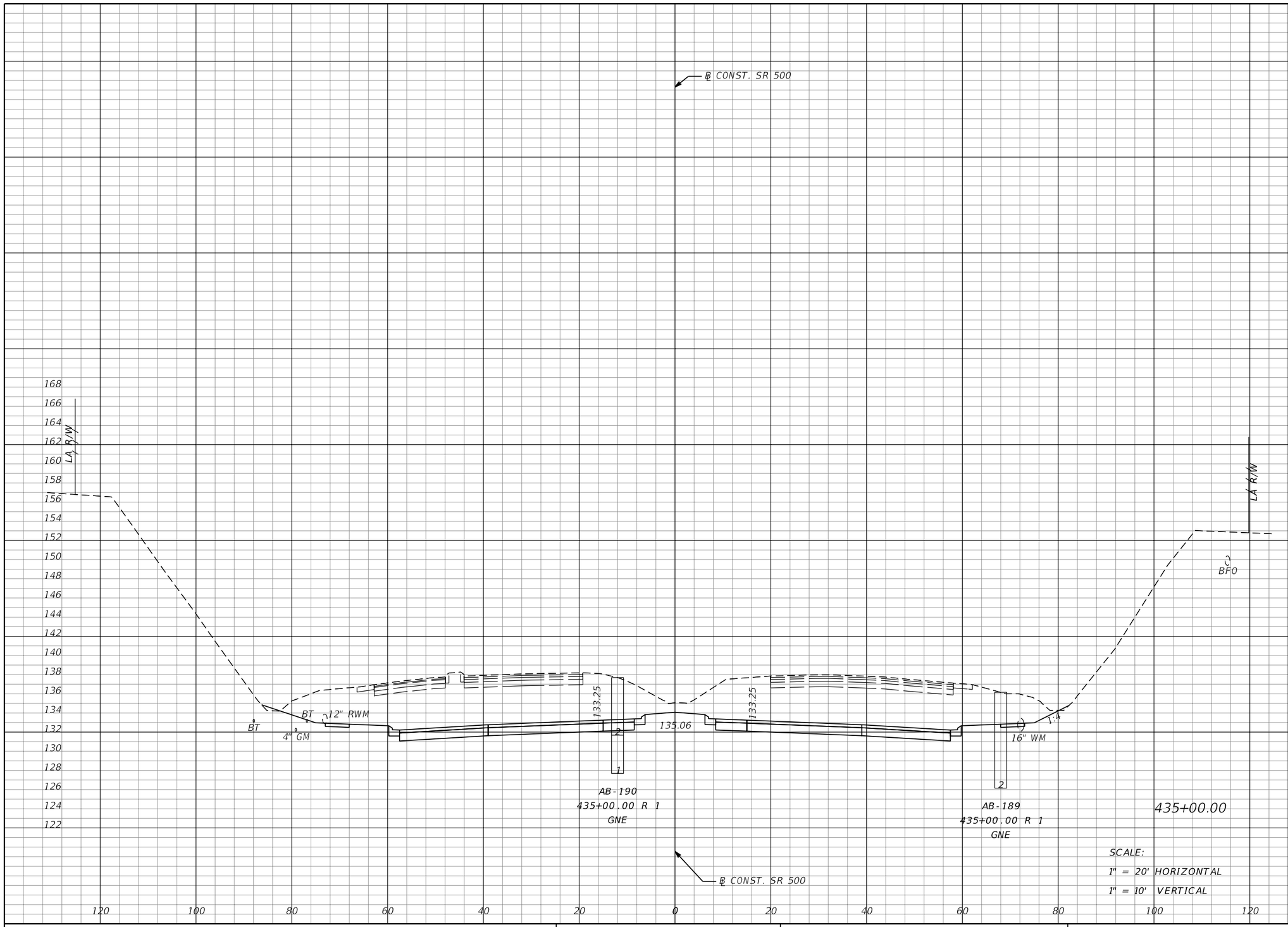
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 298

jcapra 3/28/2016 10:19:48 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



Regular Exc.		Embankment	
A	V	A	V
793	1348	1	6

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

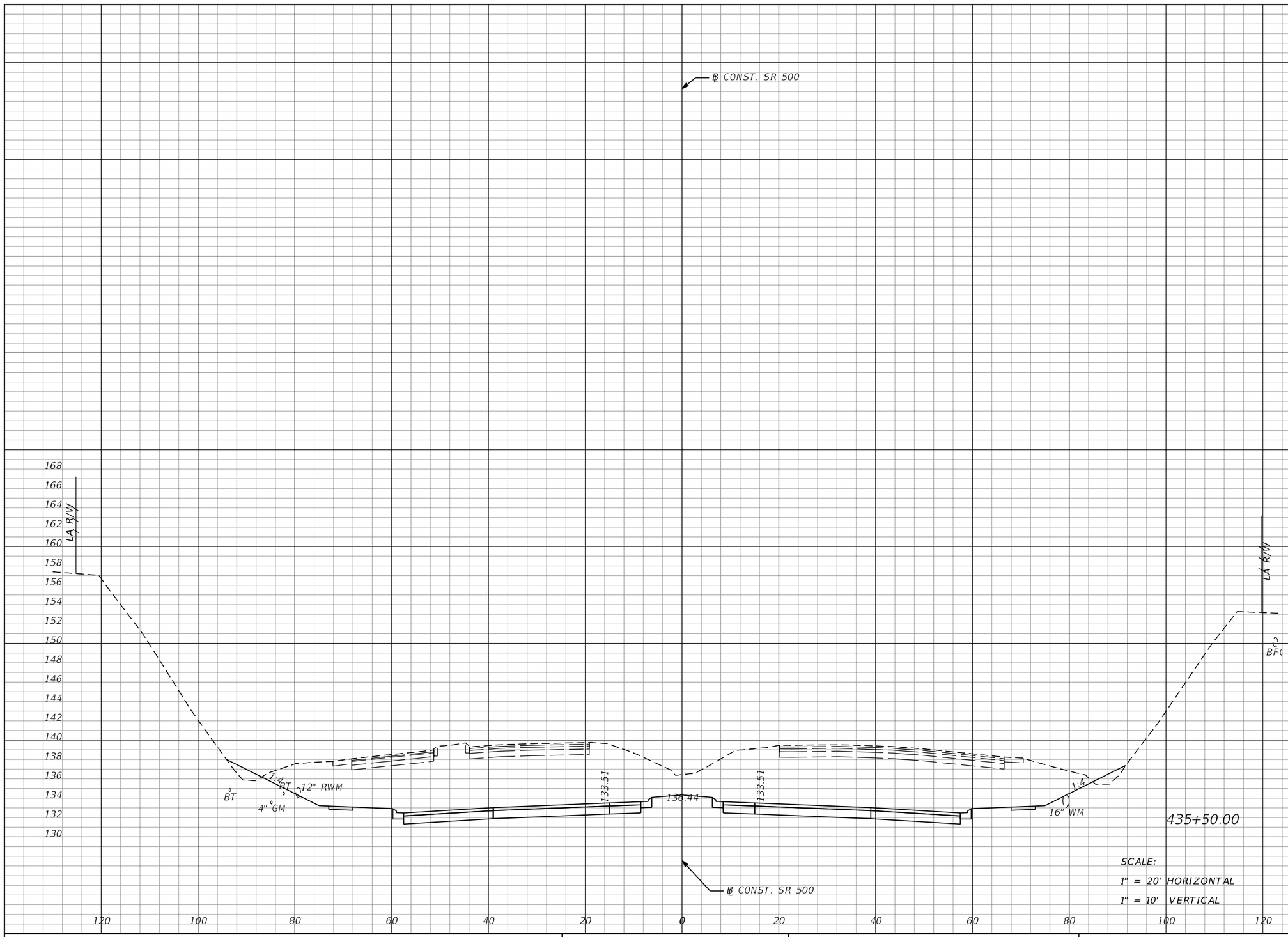
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 299

jcapra 3/28/2016 10:19:49 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Regular Exc.		Embankment	
A	V	A	V
1019	1678	10	10

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

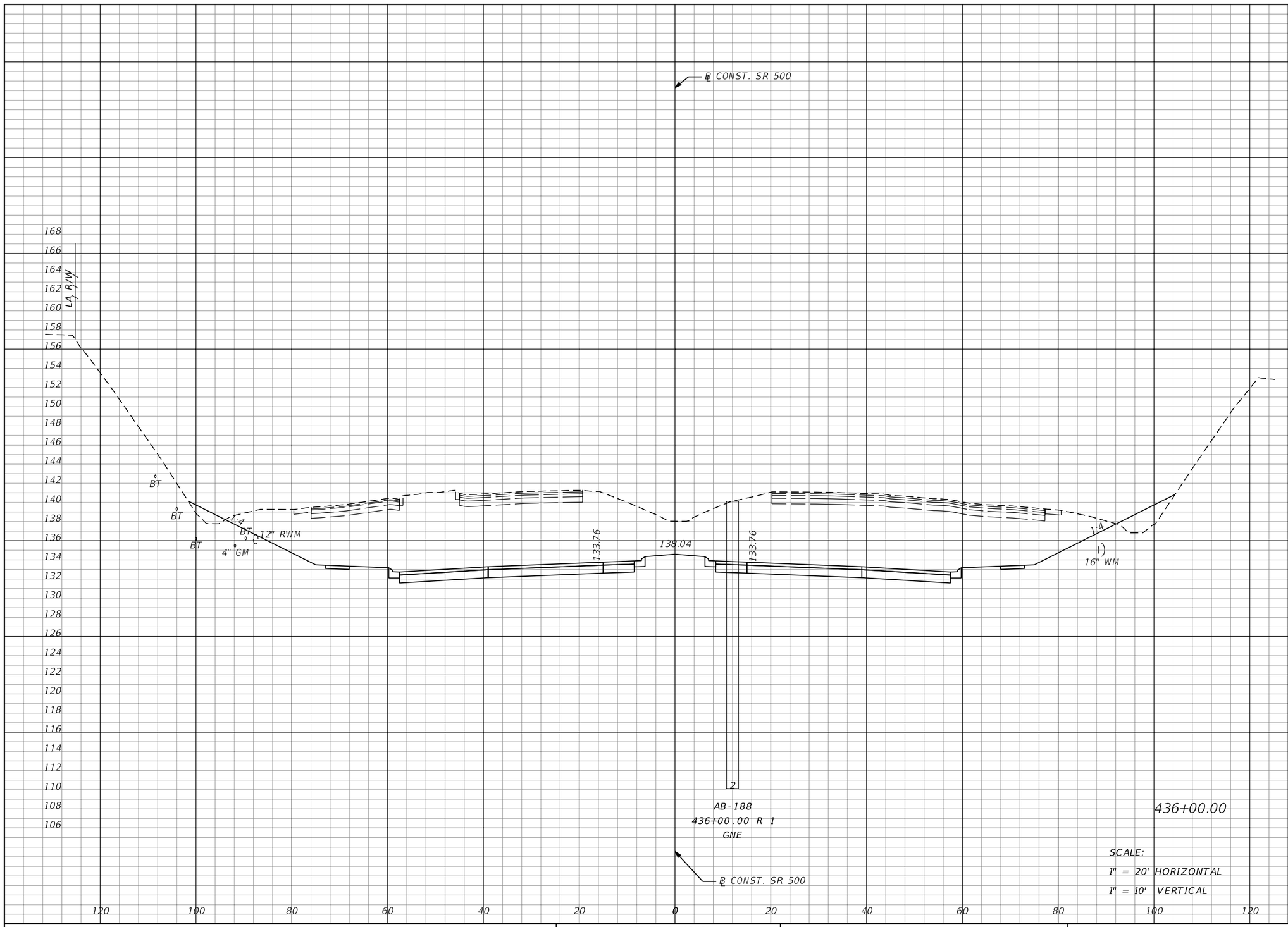
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 300

jcapra 3/28/2016 10:19:50 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



Regular Exc.		Embankment	
A	V	A	V
1275	2124	24	31

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

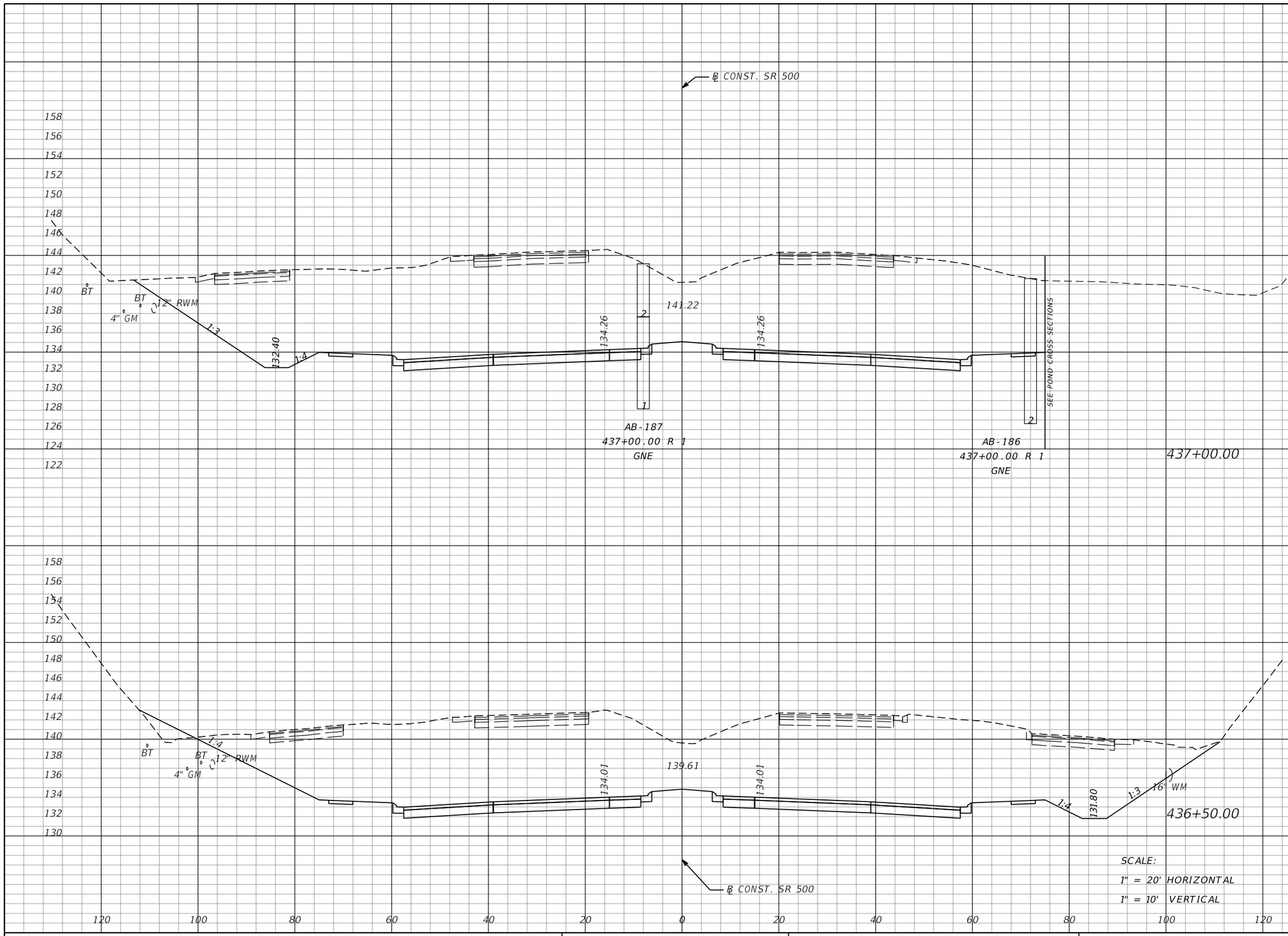
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 301

jcapra 3/28/2016 10:19:50 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Regular Exc.		Embankment	
A	V	A	V
1776	3164	0	10
1641	2700	11	32

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

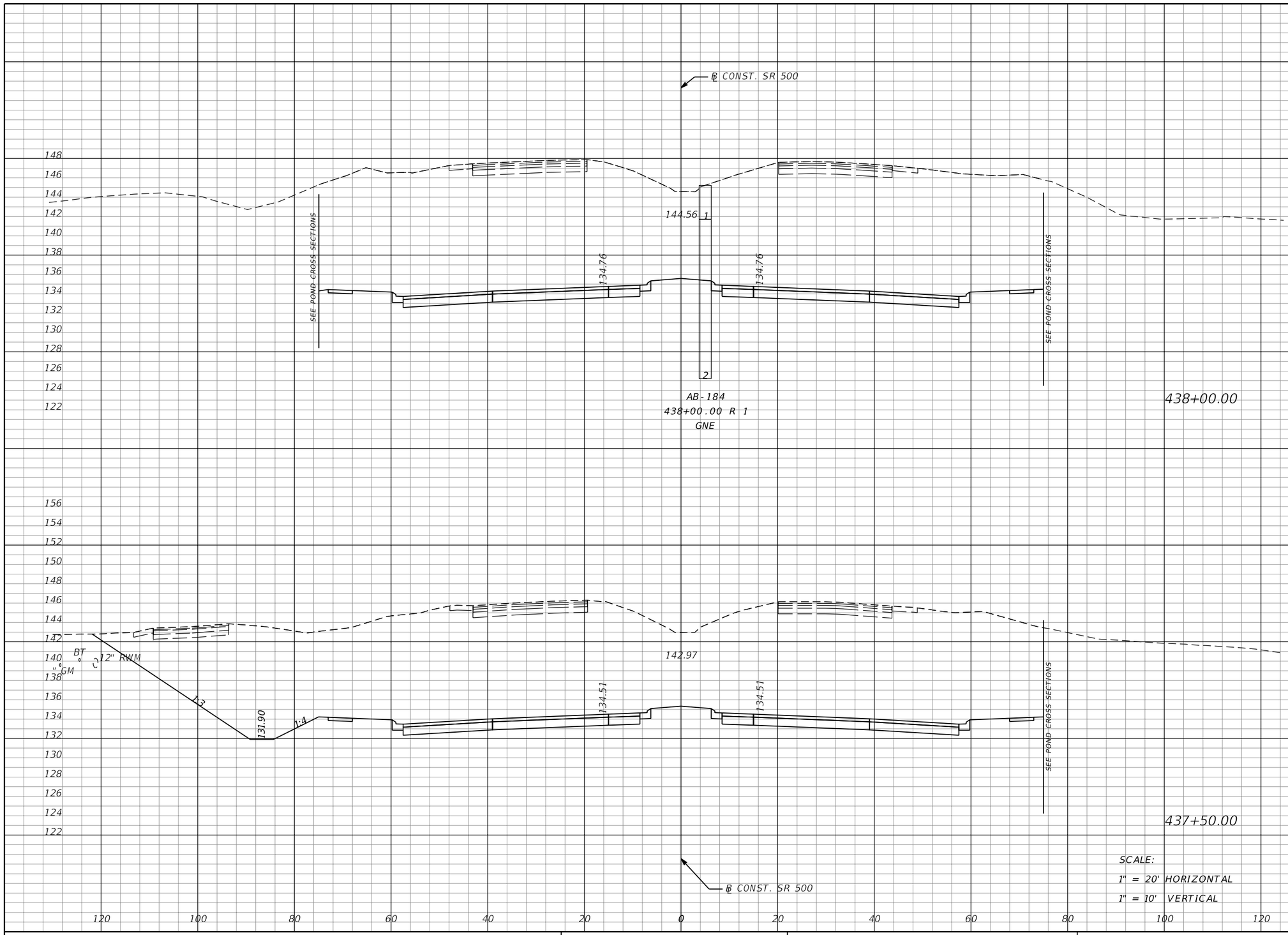
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 302



Regular Exc.		Embankment	
A	V	A	V
1977	3785	0	0
2111	3599	0	0

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

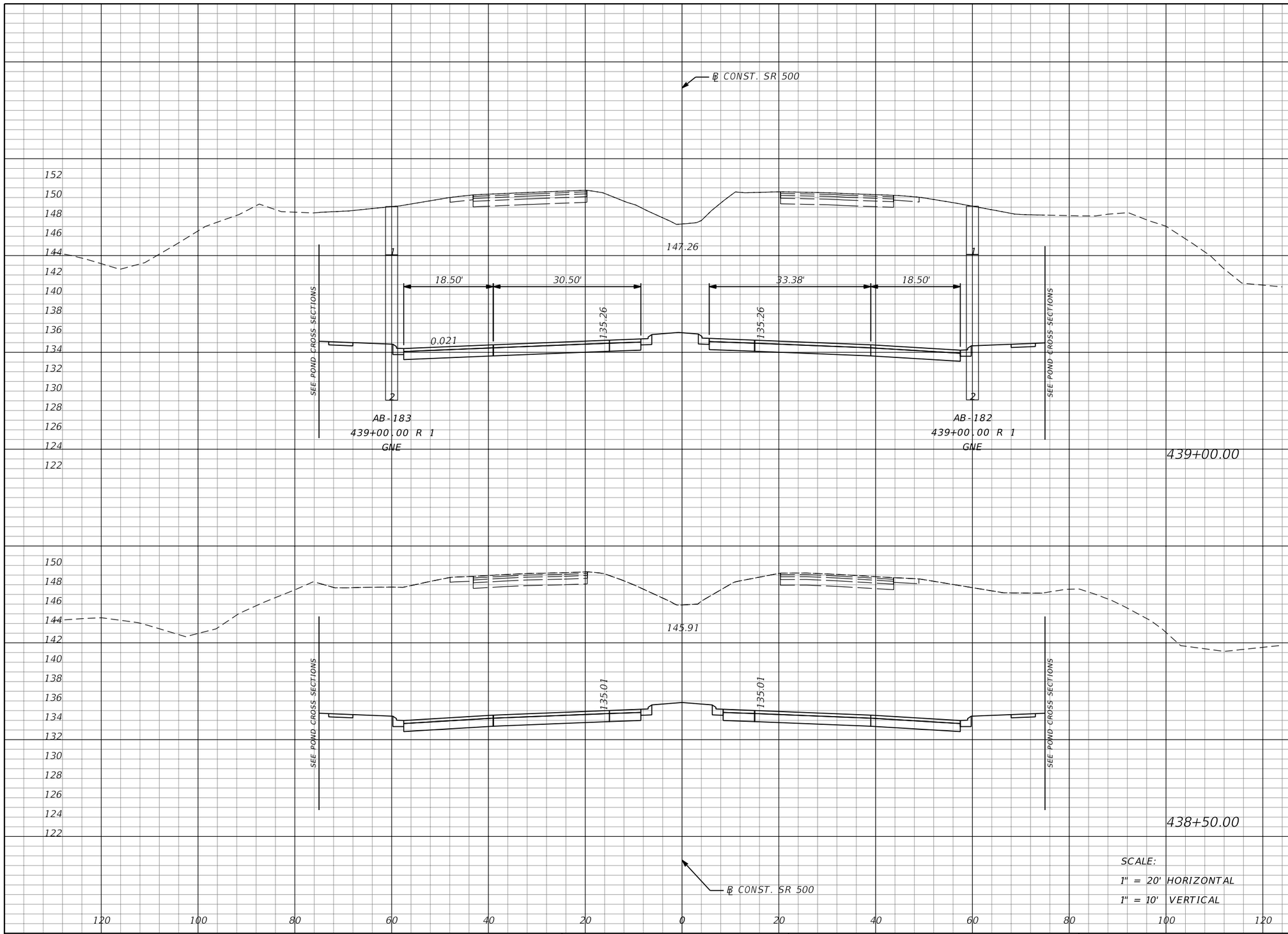
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 303



Regular Exc.		Embankment	
A	V	A	V
2322	4145	0	0
2155	3826	0	0

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

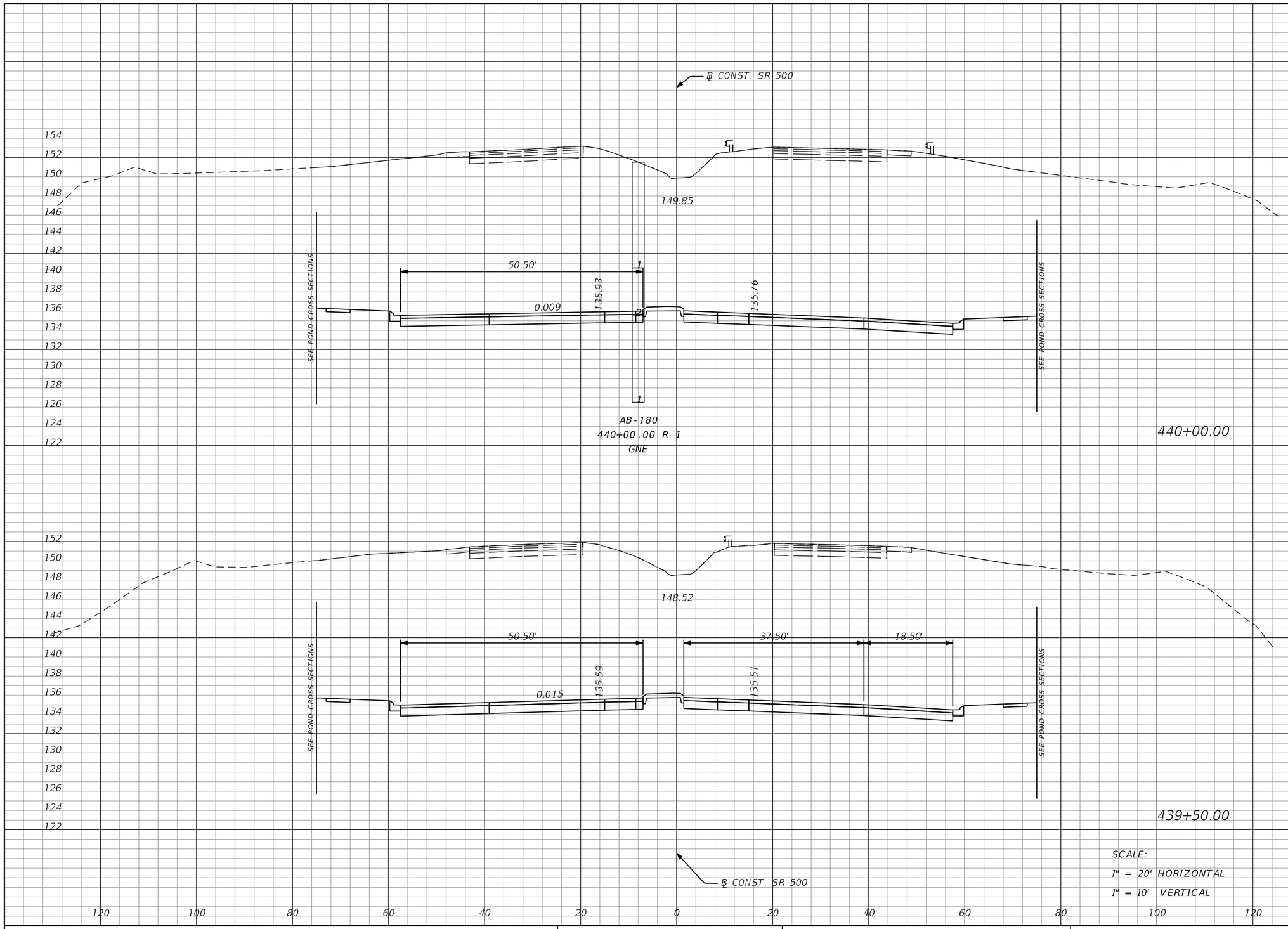
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 304

jcapra 3/28/2016 10:19:53 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



Regular Exc.		Embankment	
A	V	A	V
2603	4704	0	0
2477	4444	0	0

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

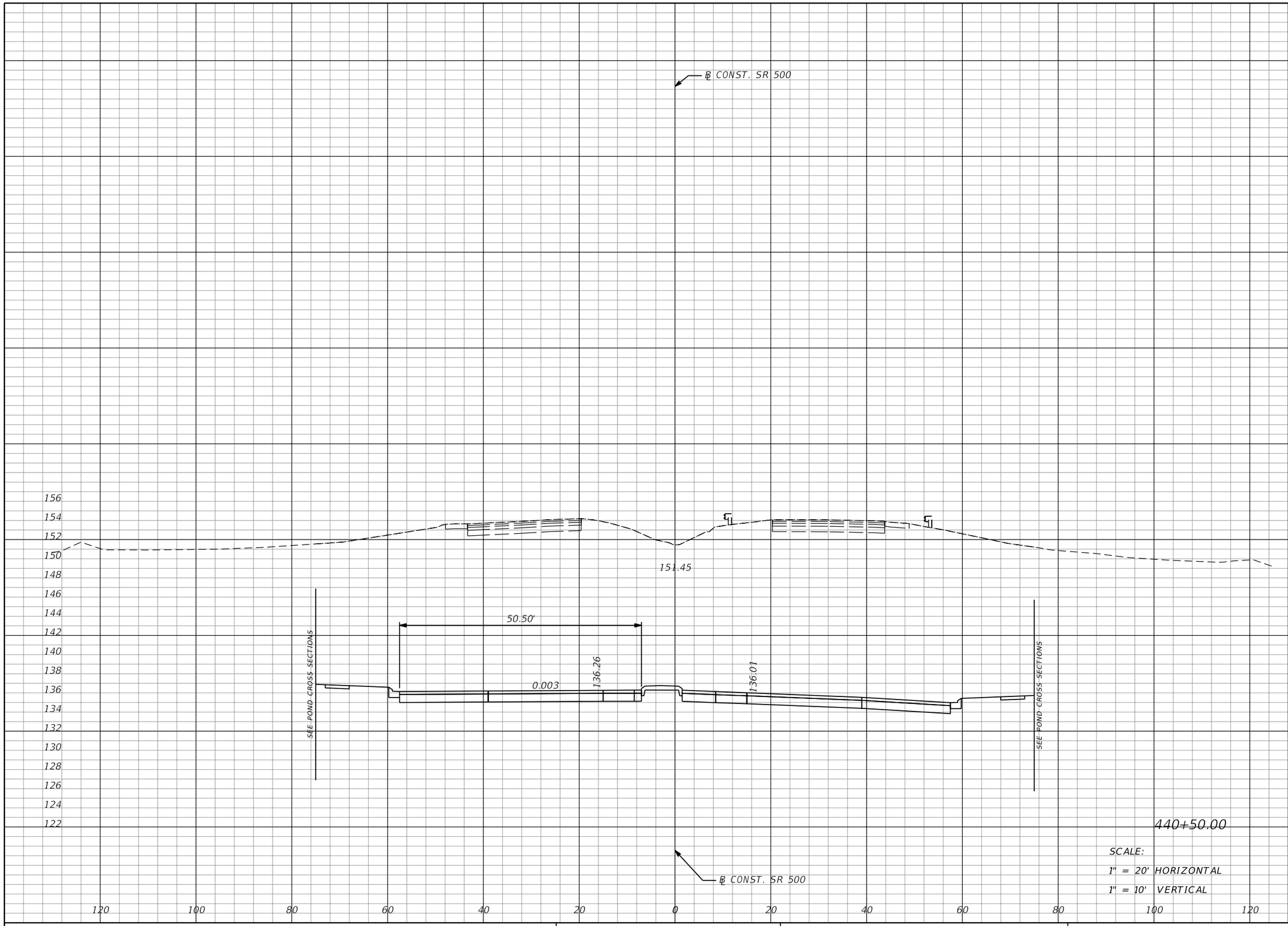
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 305

jcapra 3/28/2016 10:19:54 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



Regular Exc.		Embankment	
A	V	A	V
2704	4914	0	0

440+50.00

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

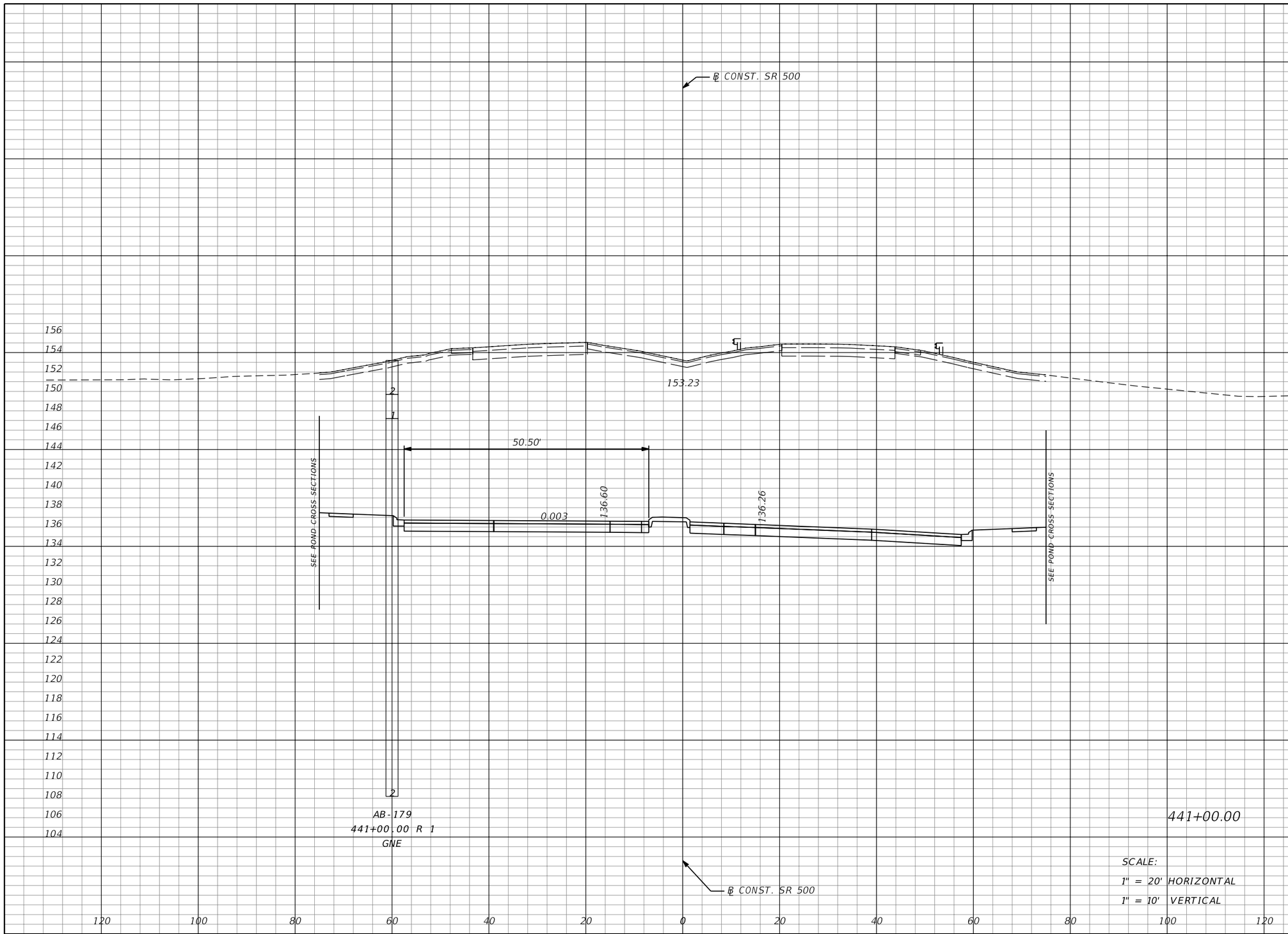
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 306

jcapra 3/28/2016 10:19:54 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Regular Exc.		Embankment	
A	V	A	V
2771	5069	0	0

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

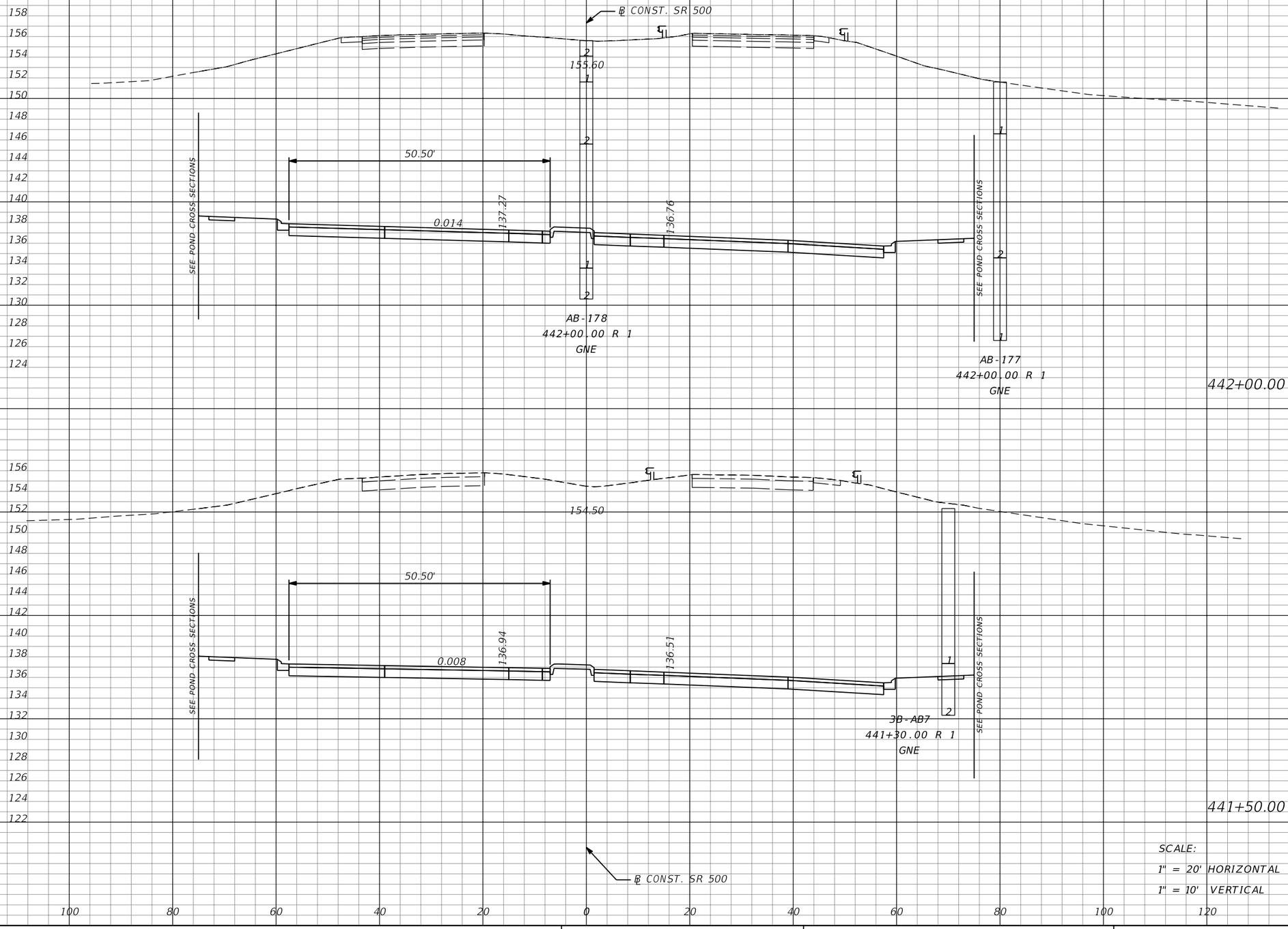
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 307



SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Regular Exc.		Embankment	
A	V	A	V
2868	5281	0	0
2836	5192	0	0

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

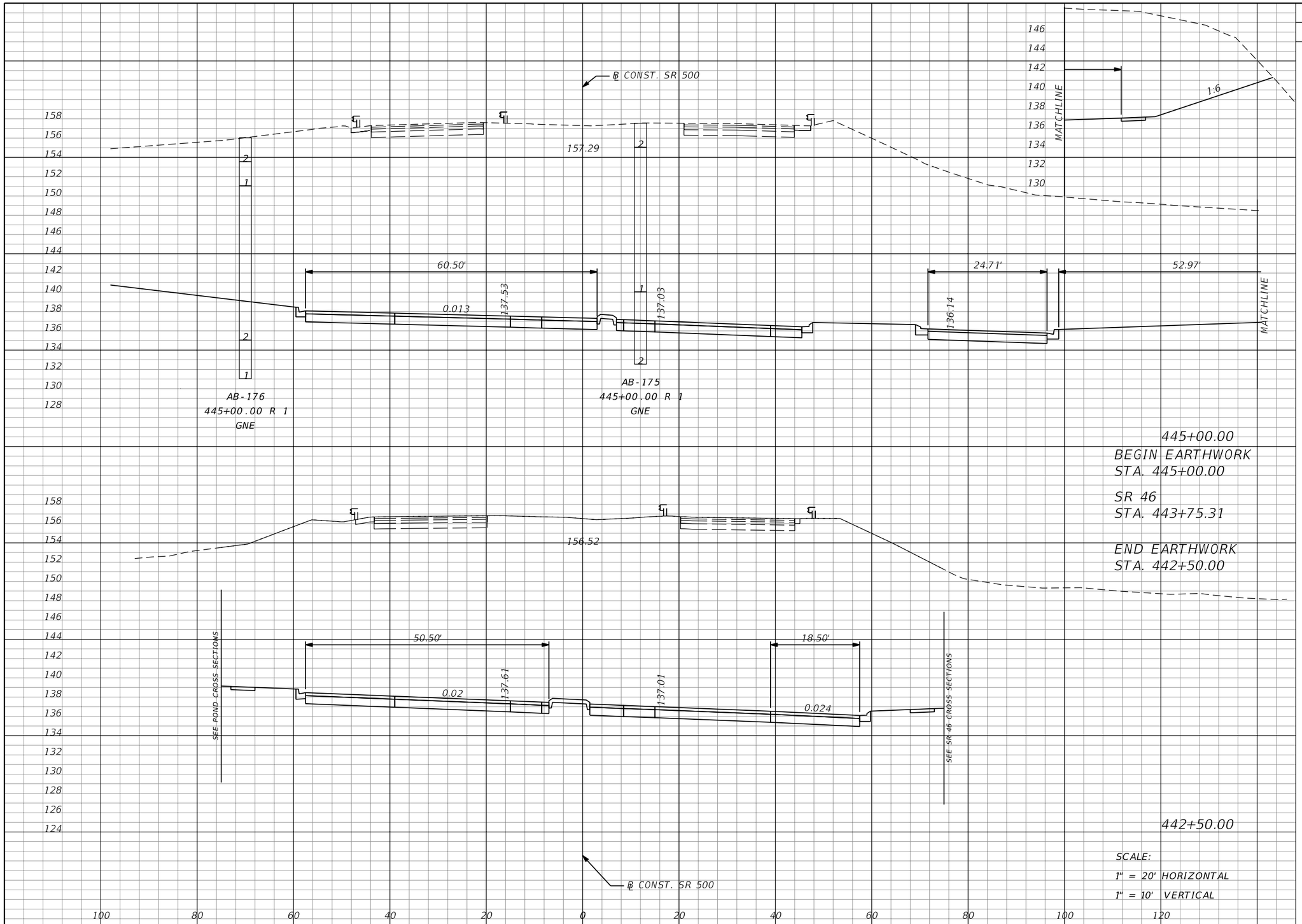
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 308

jcapra 3/28/2016 10:19:56 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



Regular Exc.		Embankment	
A	V	A	V
4472	0	0	0
2917	5356	0	0

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

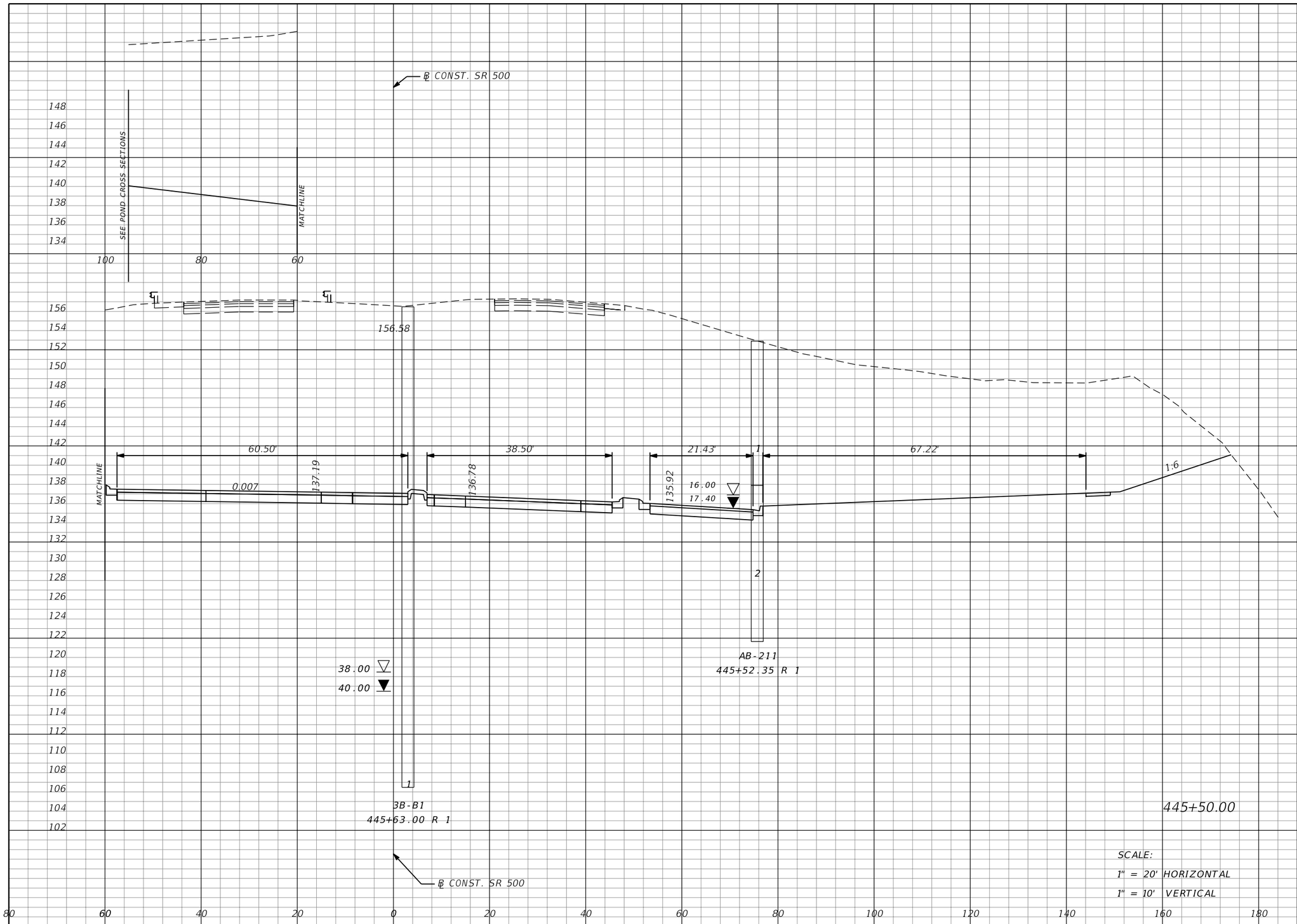
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 309

jcapra 3/28/2016 10:19:57 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



Regular Exc.		Embankment	
A	V	A	V
3991	7836	0	0

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

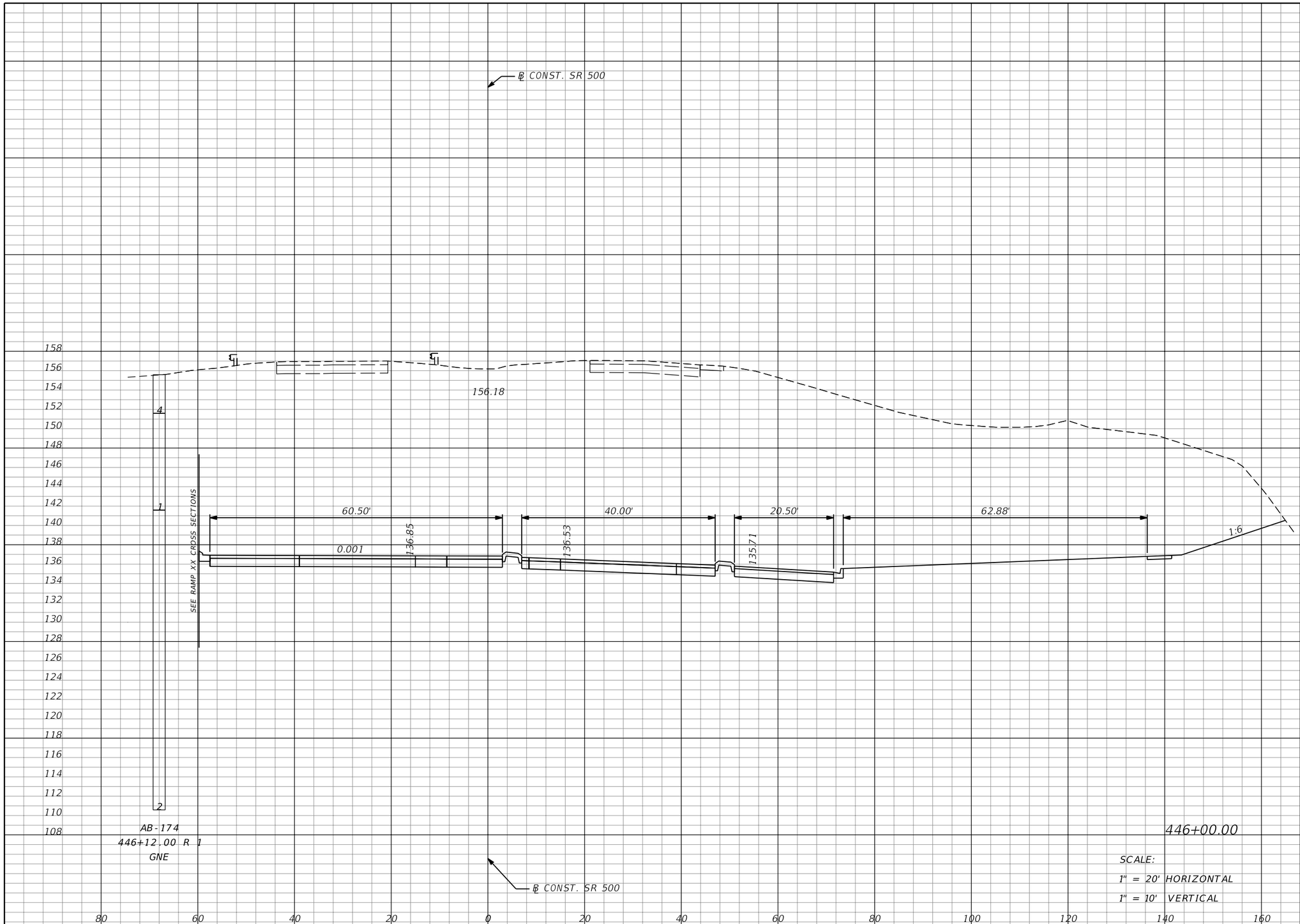
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 310

jcapra 3/28/2016 10:19:57 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



Regular Exc.		Embankment	
A	V	A	V
3966	7368	0	0

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

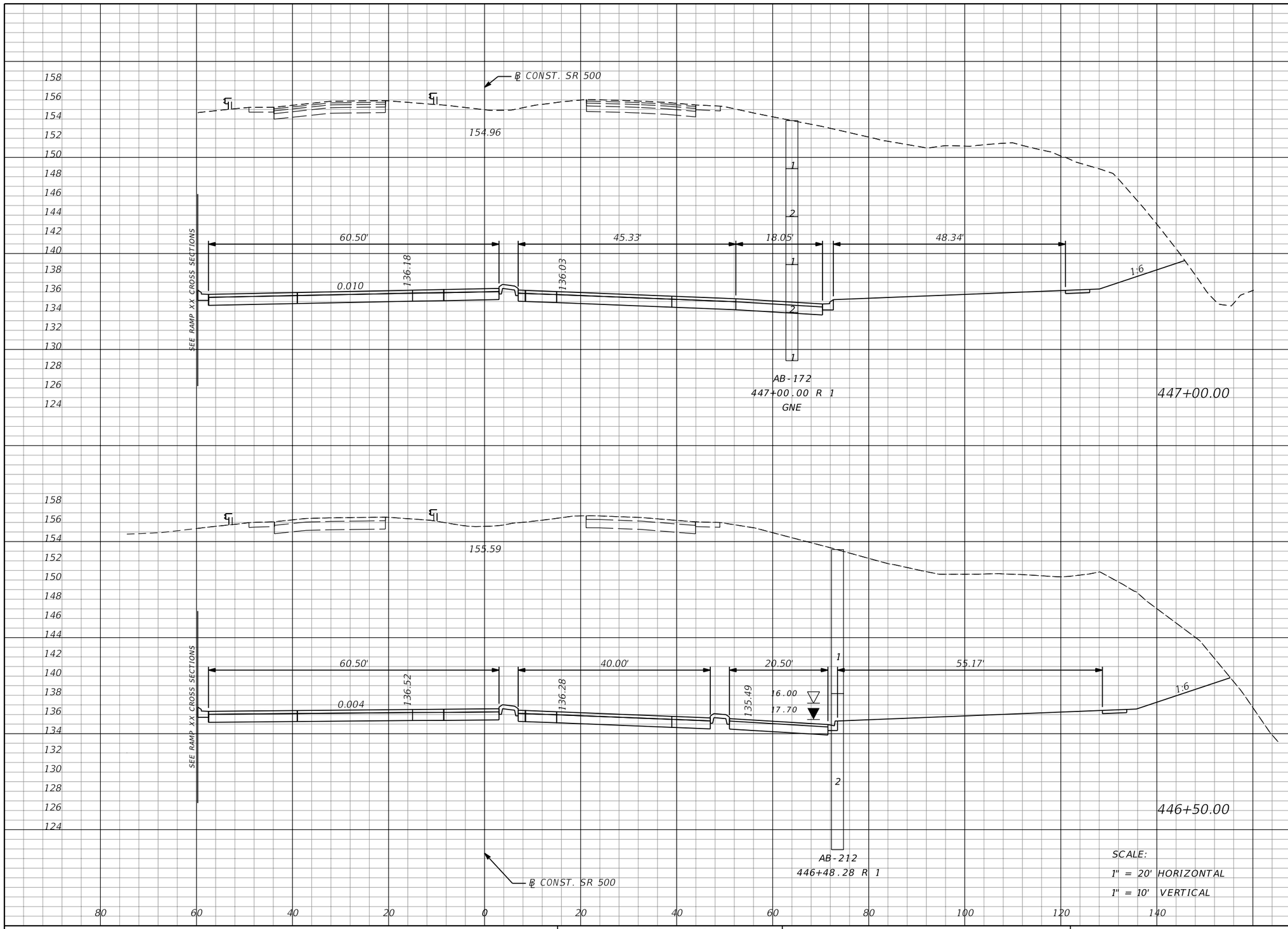
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 311

jcapra 3/28/2016 10:19:58 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



Regular Exc.		Embankment	
A	V	A	V
3705	6988	0	0
3842	7230	0	0

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

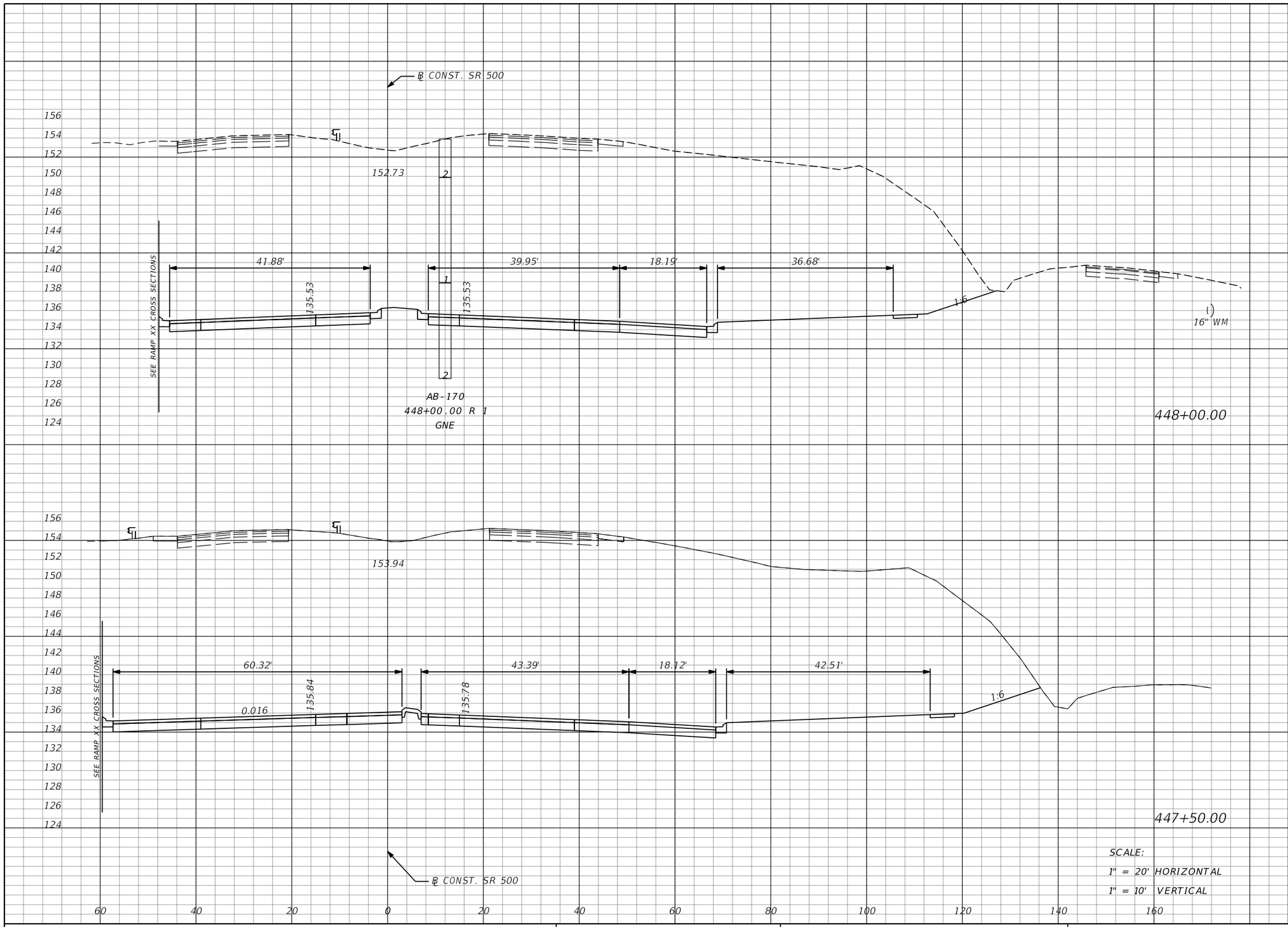
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 312



Regular Exc.		Embankment	
A	V	A	V
3028	6031	0	0
3485	6657	0	0

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

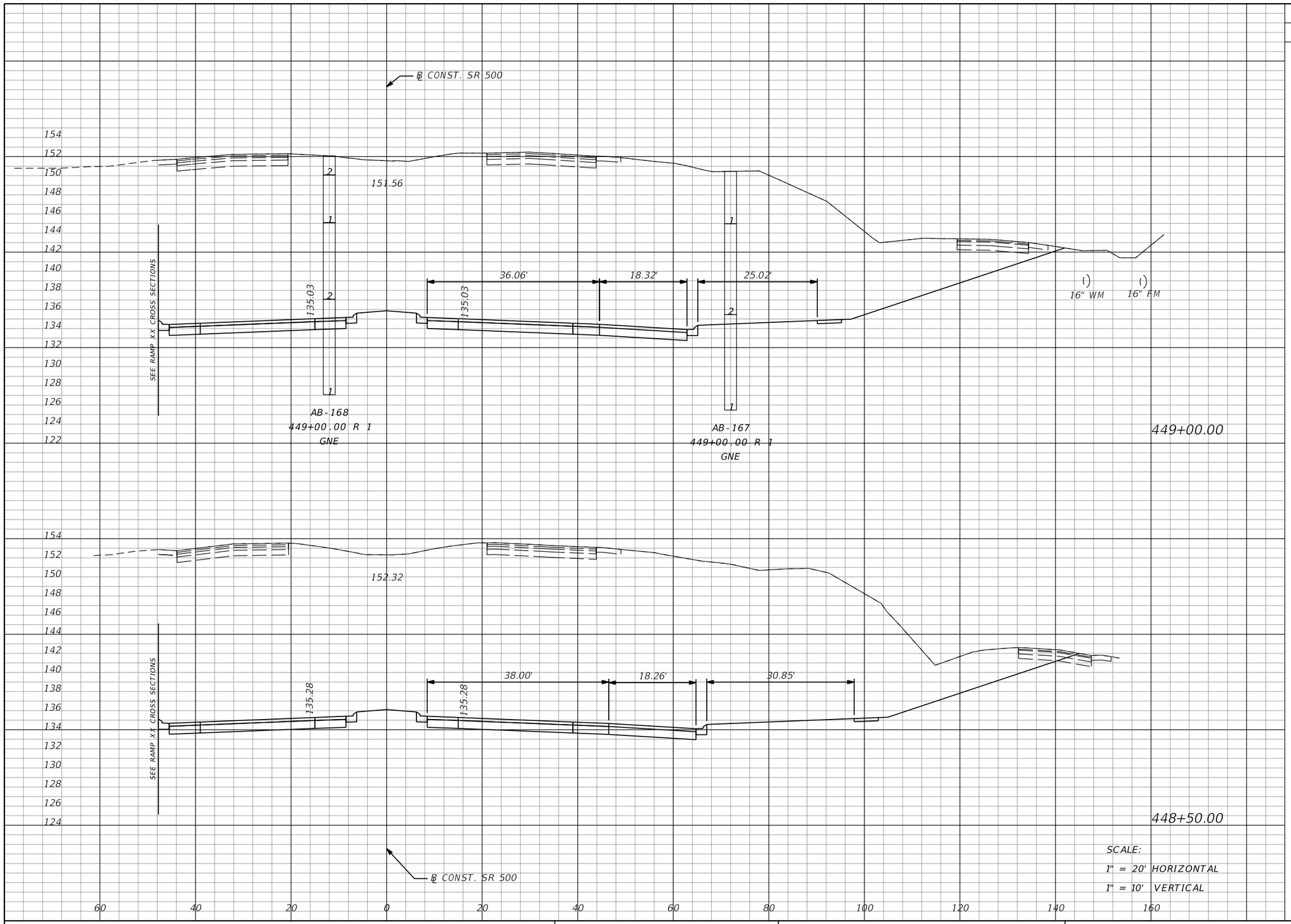
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 313

jcapra 3/28/2016 10:20:00 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Regular Exc.		Embankment	
A	V	A	V
2723	5213	0	0
2907	5495	0	0

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

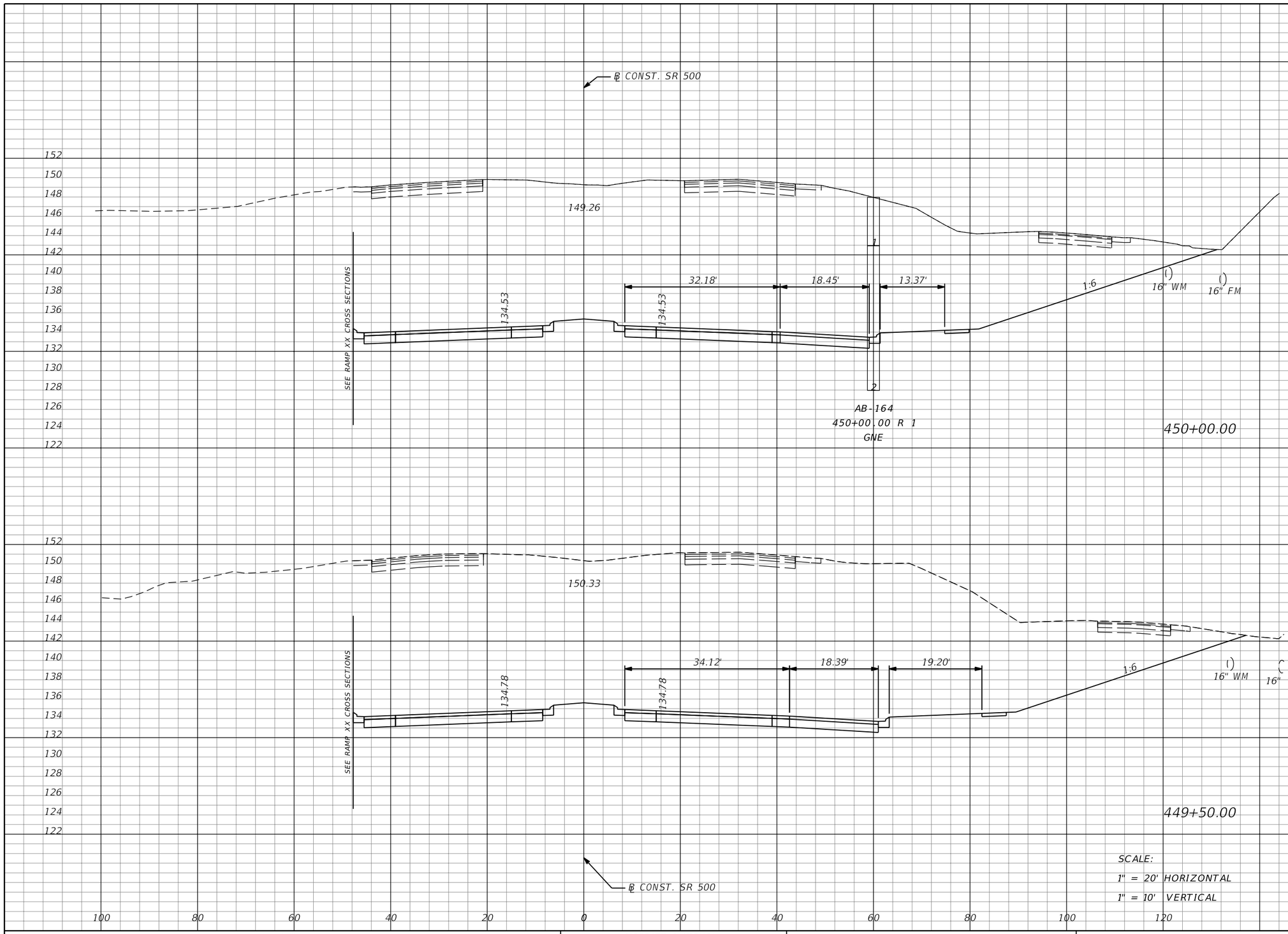
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 314

jcapra 3/28/2016 10:20:01 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Regular Exc.		Embankment	
A	V	A	V
2262	4412	0	0
2503	4839	0	0

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

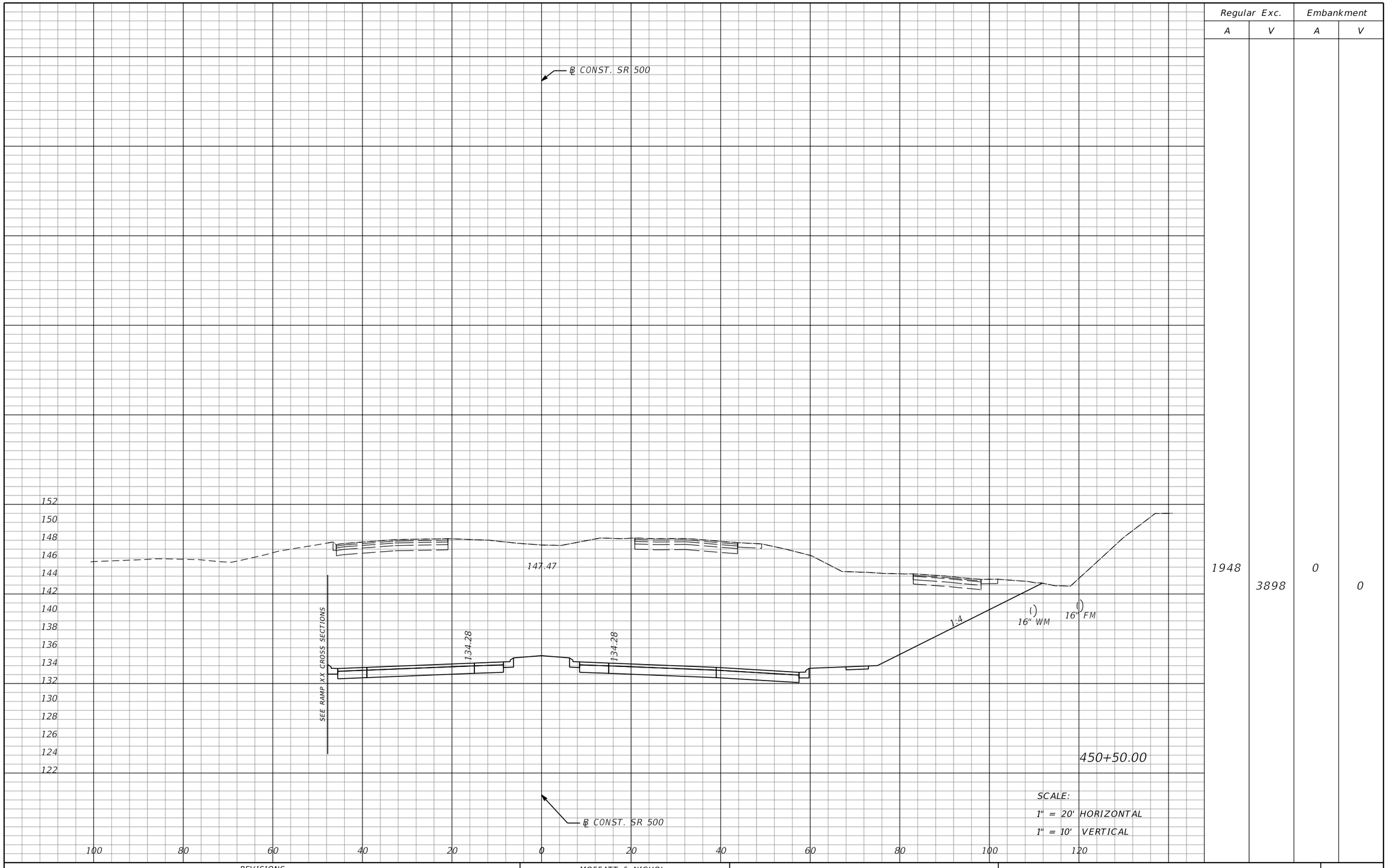
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 315



SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Regular Exc.		Embankment	
A	V	A	V
1948	3898	0	0

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

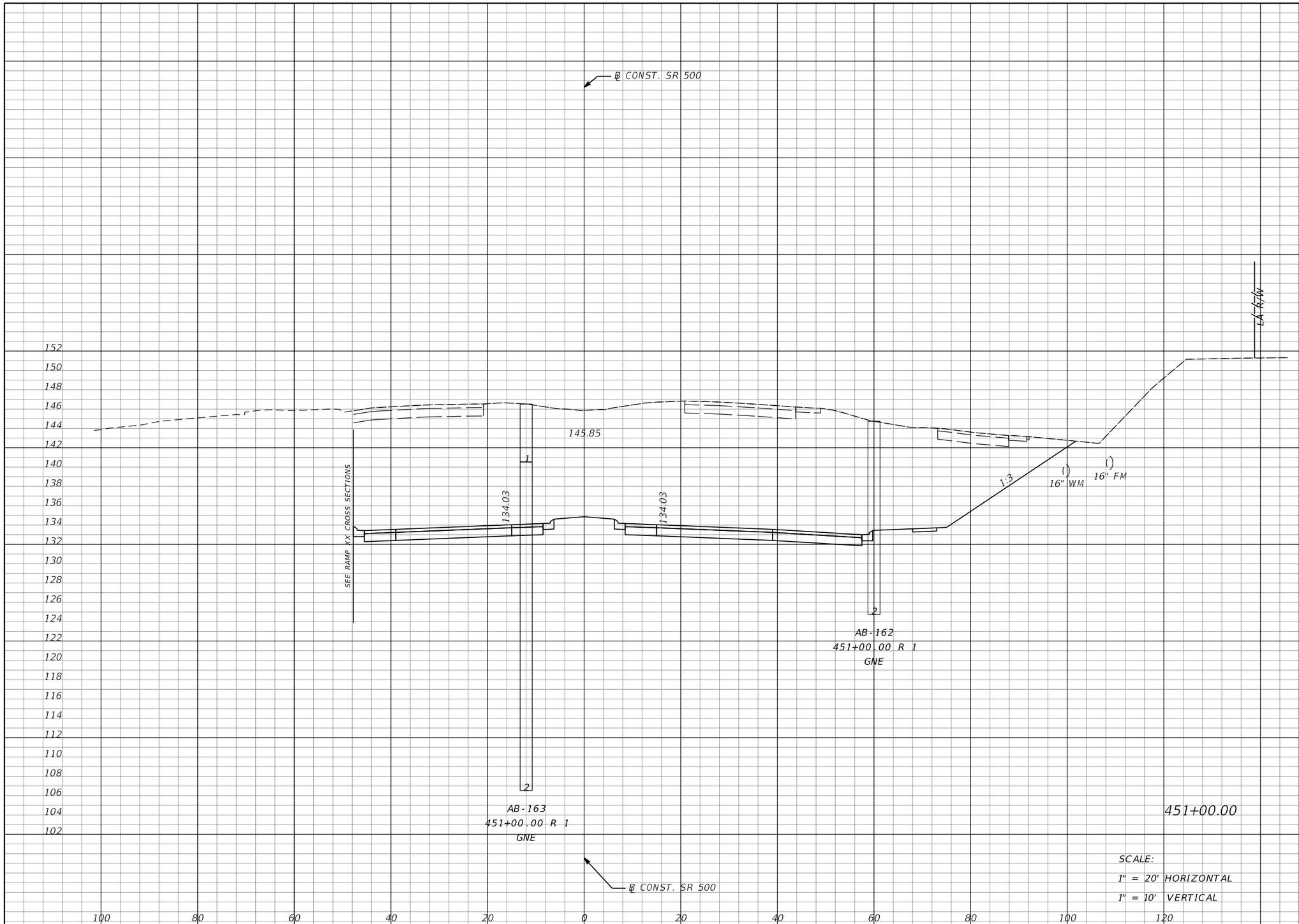
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 316



Regular Exc.		Embankment	
A	V	A	V
1745	3419	0	0

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

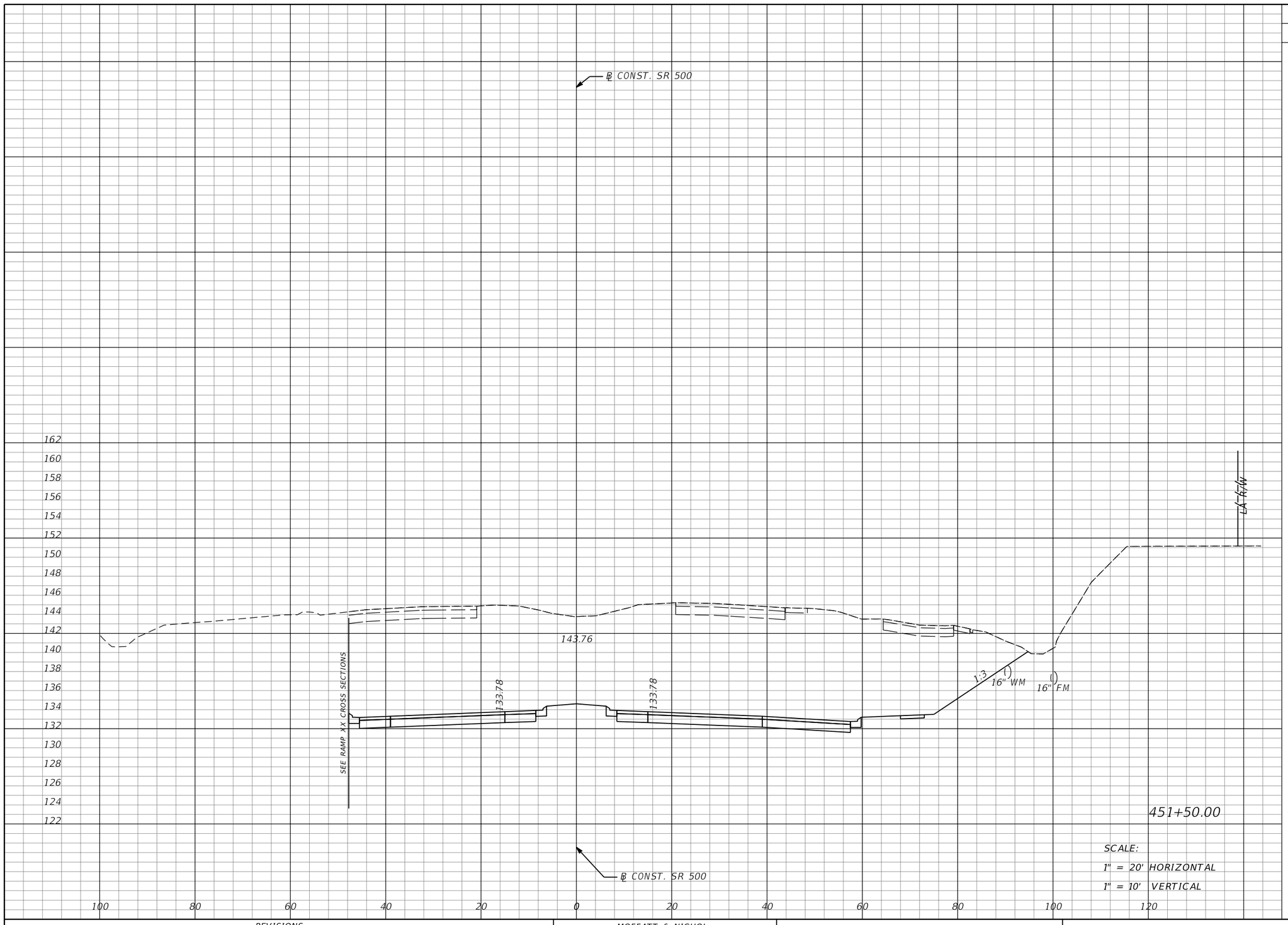
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 317

jcapra 3/28/2016 10:20:03 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn

Regular Exc.		Embankment	
A	V	A	V
1549	3050	0	0



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

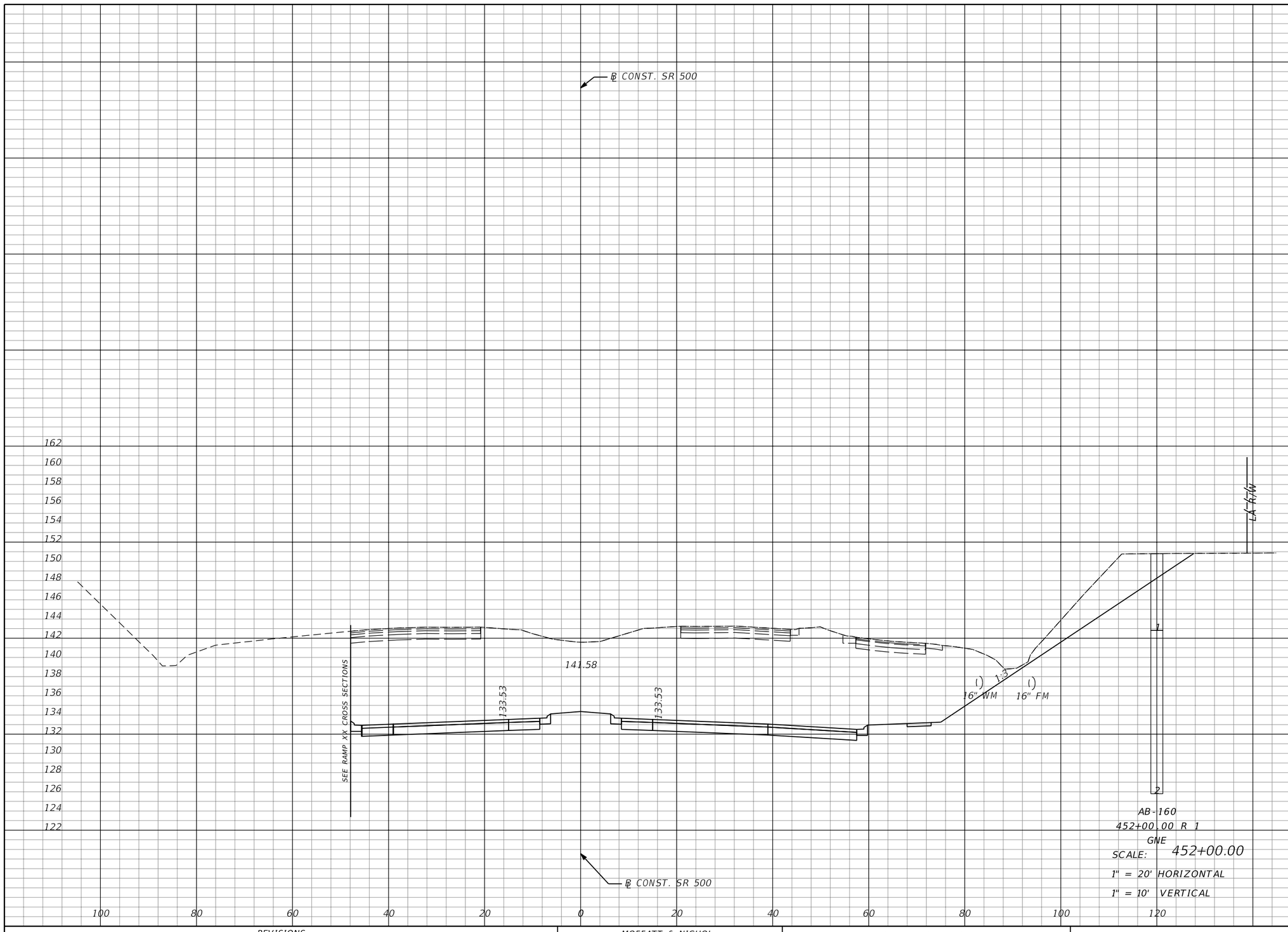
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 318



Regular Exc.		Embankment	
A	V	A	V
1418	2747	0	0

AB-160
452+00.00 R 1
GNE

SCALE: 452+00.00
1" = 20' HORIZONTAL
1" = 10' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

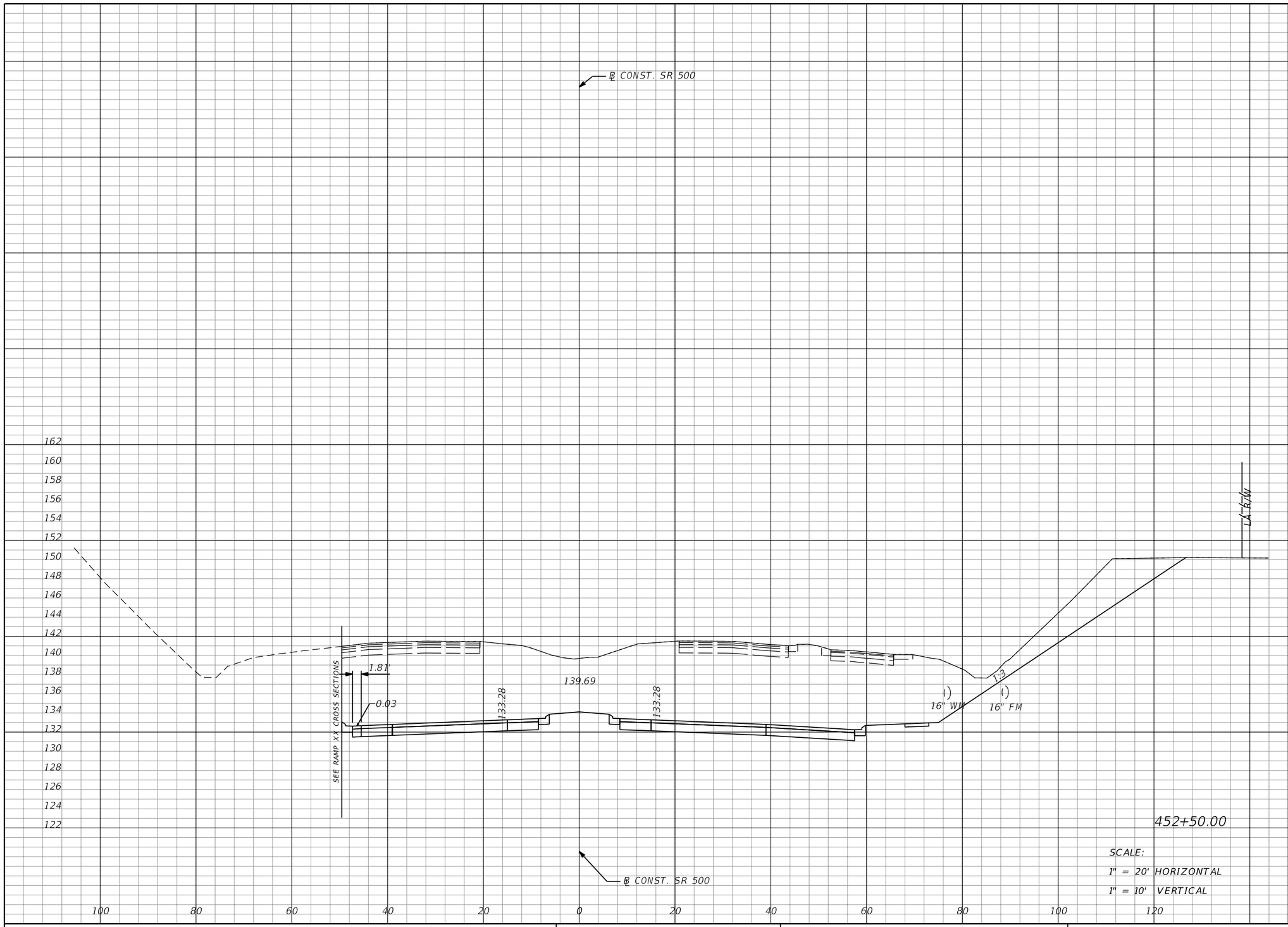
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 319

jcapra 3/28/2016 10:20:05 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



452+50.00

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Regular Exc.		Embankment	
A	V	A	V
1240	2461	0	0

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

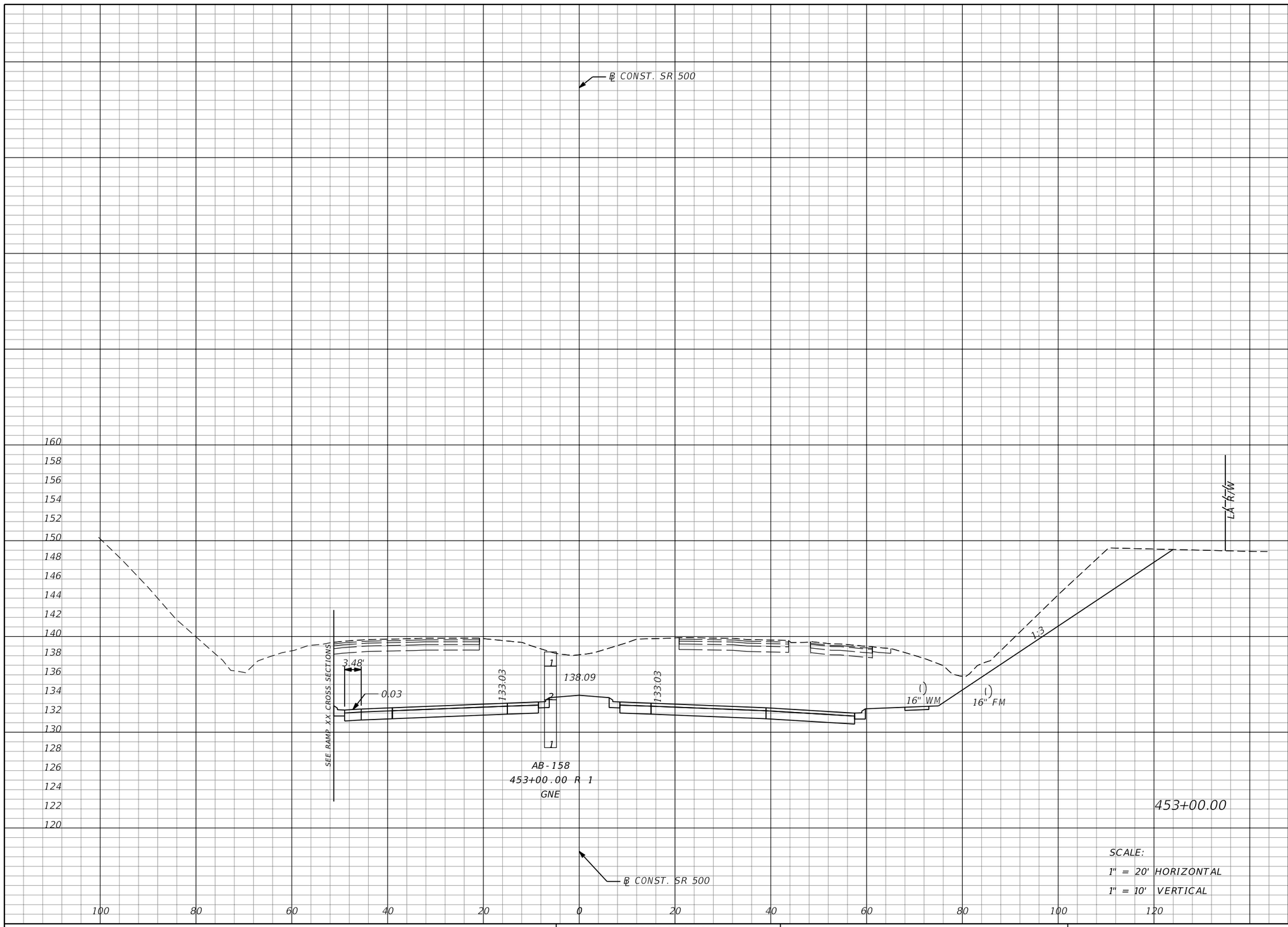
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 320

jcapra 3/28/2016 10:20:06 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Regular Exc.		Embankment	
A	V	A	V
1057	2127	0	0

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

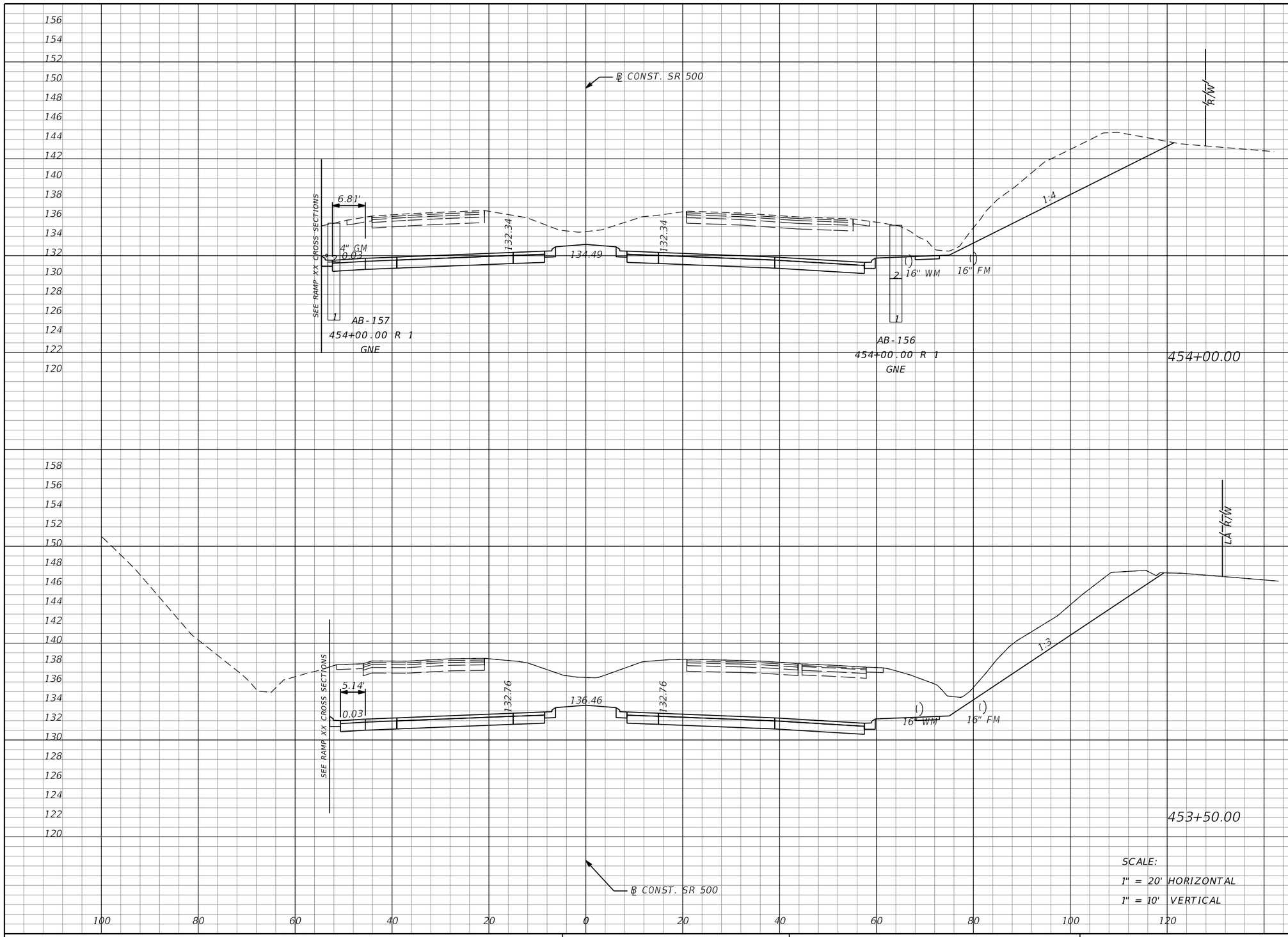
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 321



Regular Exc.		Embankment	
A	V	A	V
733	1500	0	0
887	1800	0	0

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

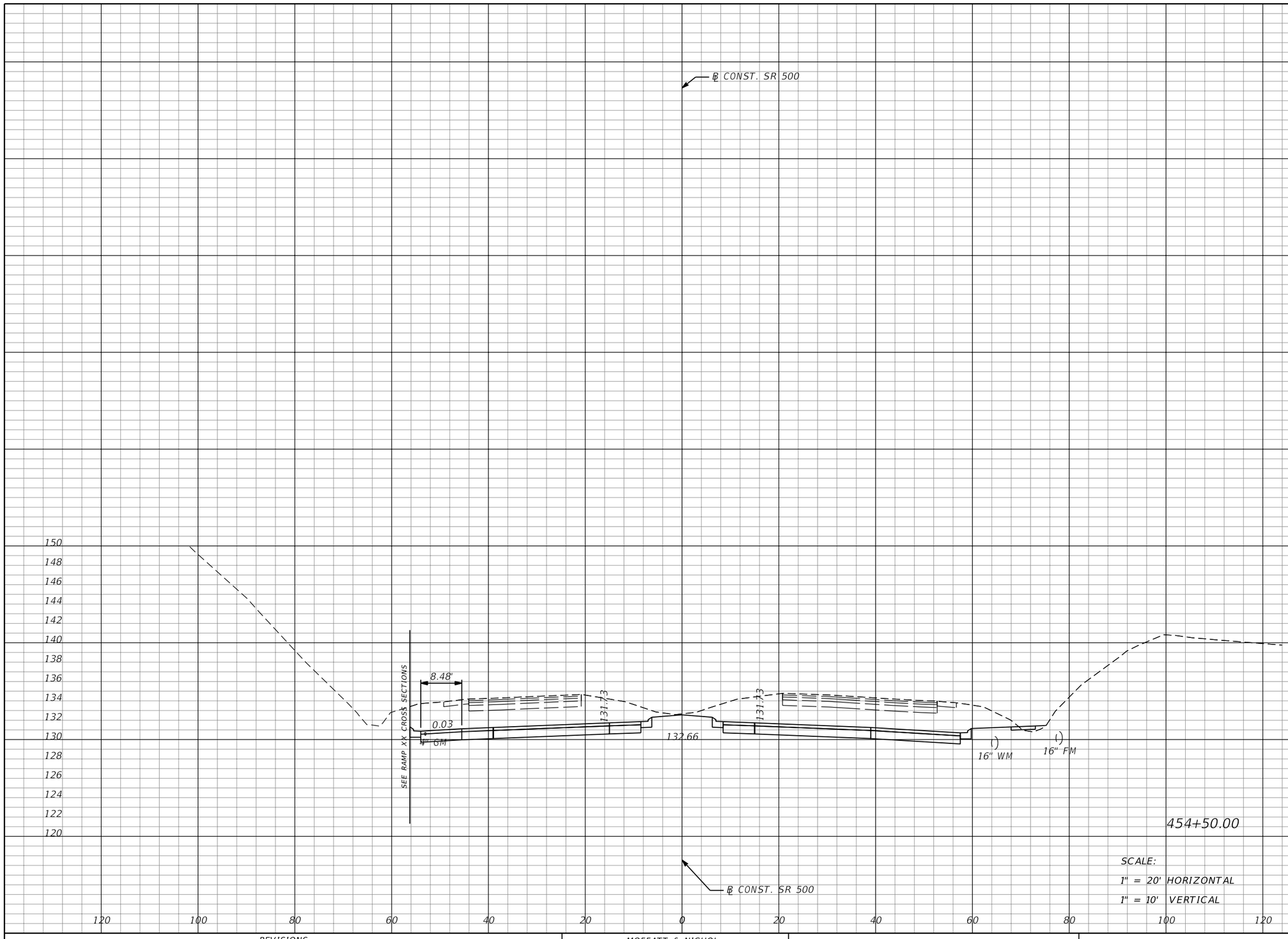
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 322

jcapra 3/28/2016 10:20:07 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



SCALE:

1" = 20' HORIZONTAL

1" = 10' VERTICAL

Regular Exc.		Embankment	
A	V	A	V
429	1076	1	1

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

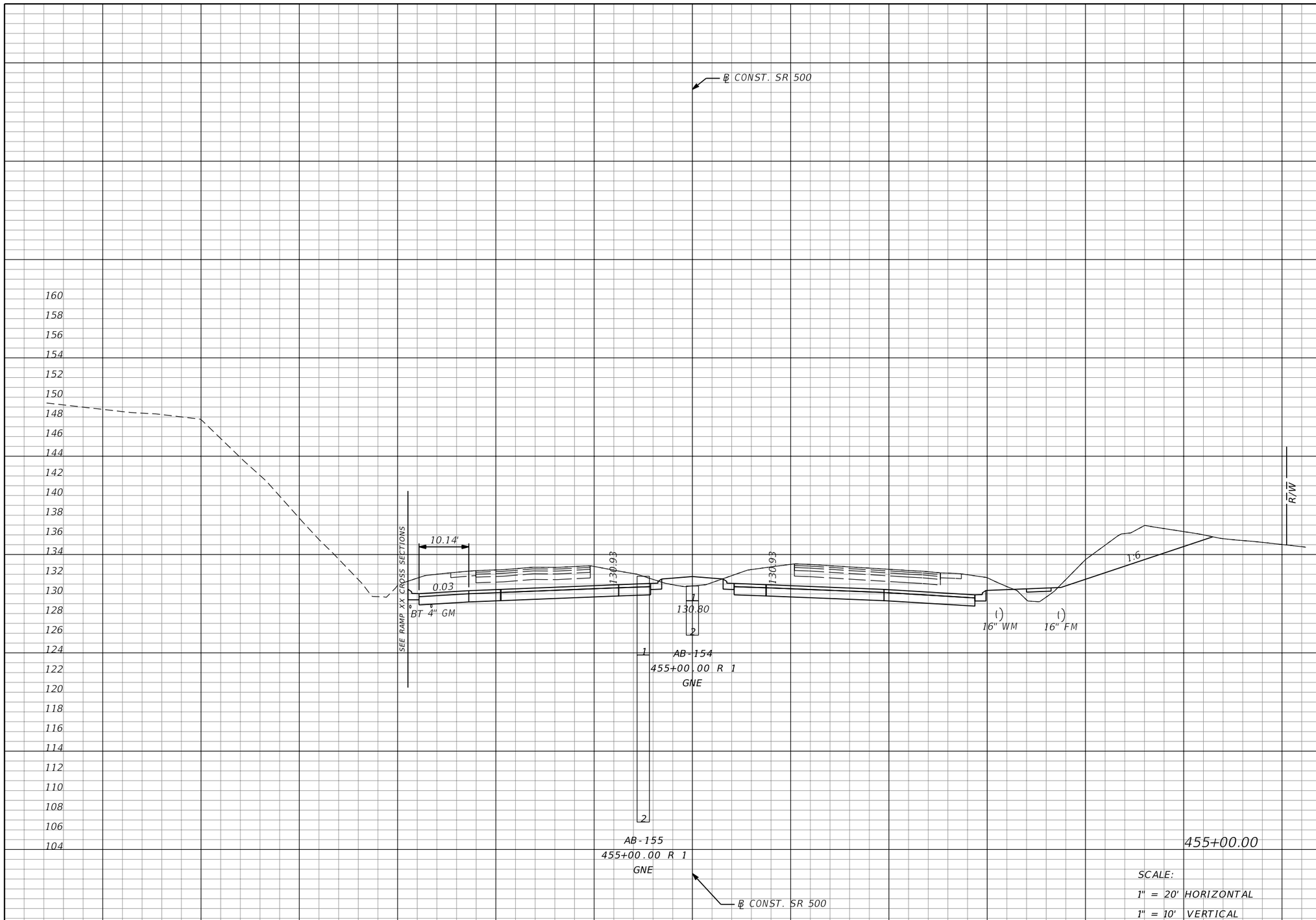
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 323

jcapra 3/28/2016 10:20:08 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



Regular Exc.		Embankment	
A	V	A	V
379	748	14	14

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

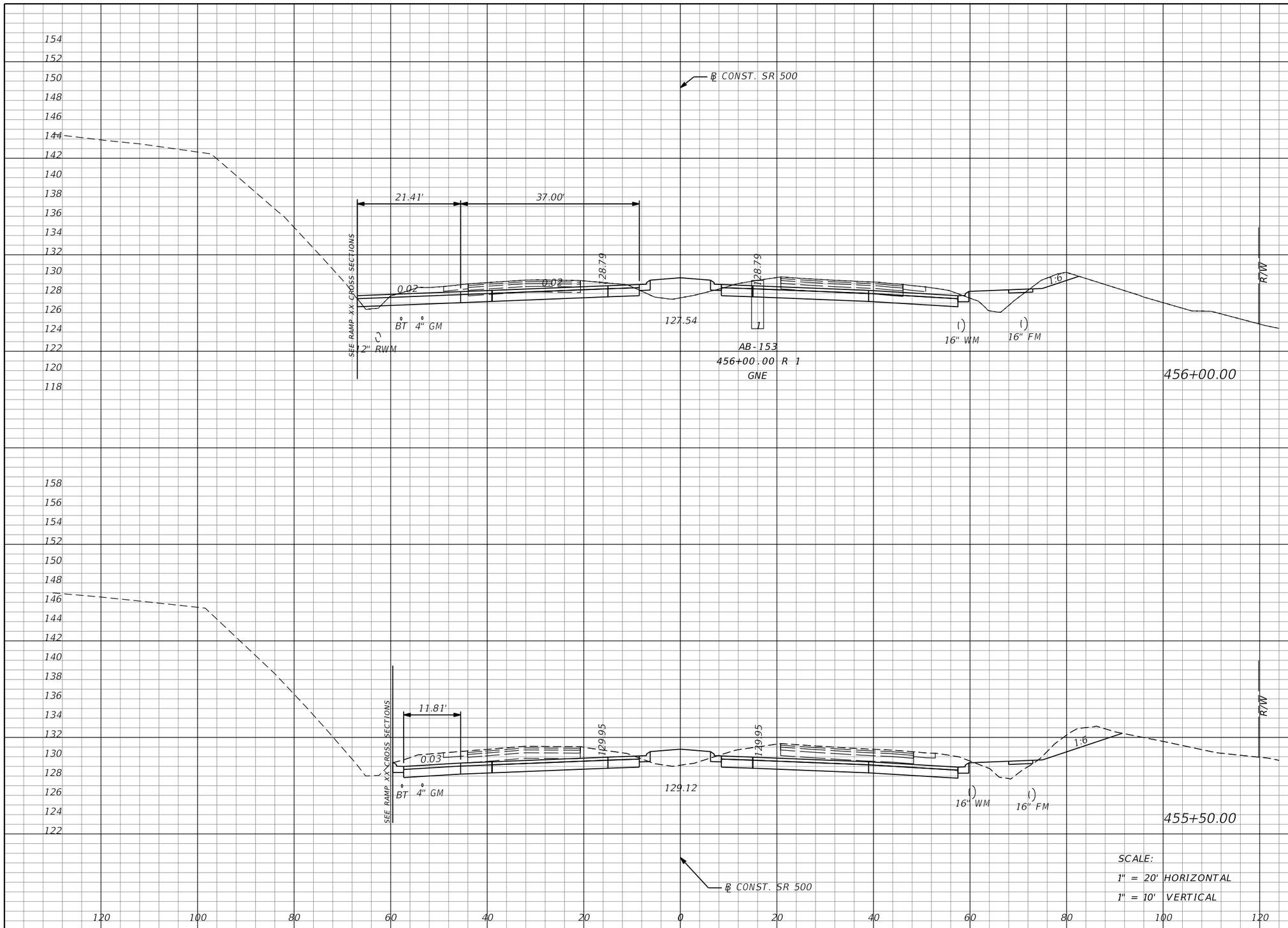
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 324

jcapra 3/28/2016 10:20:09 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



Regular Exc.		Embankment	
A	V	A	V
191		40	
	414		63
256		28	
	588		39

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

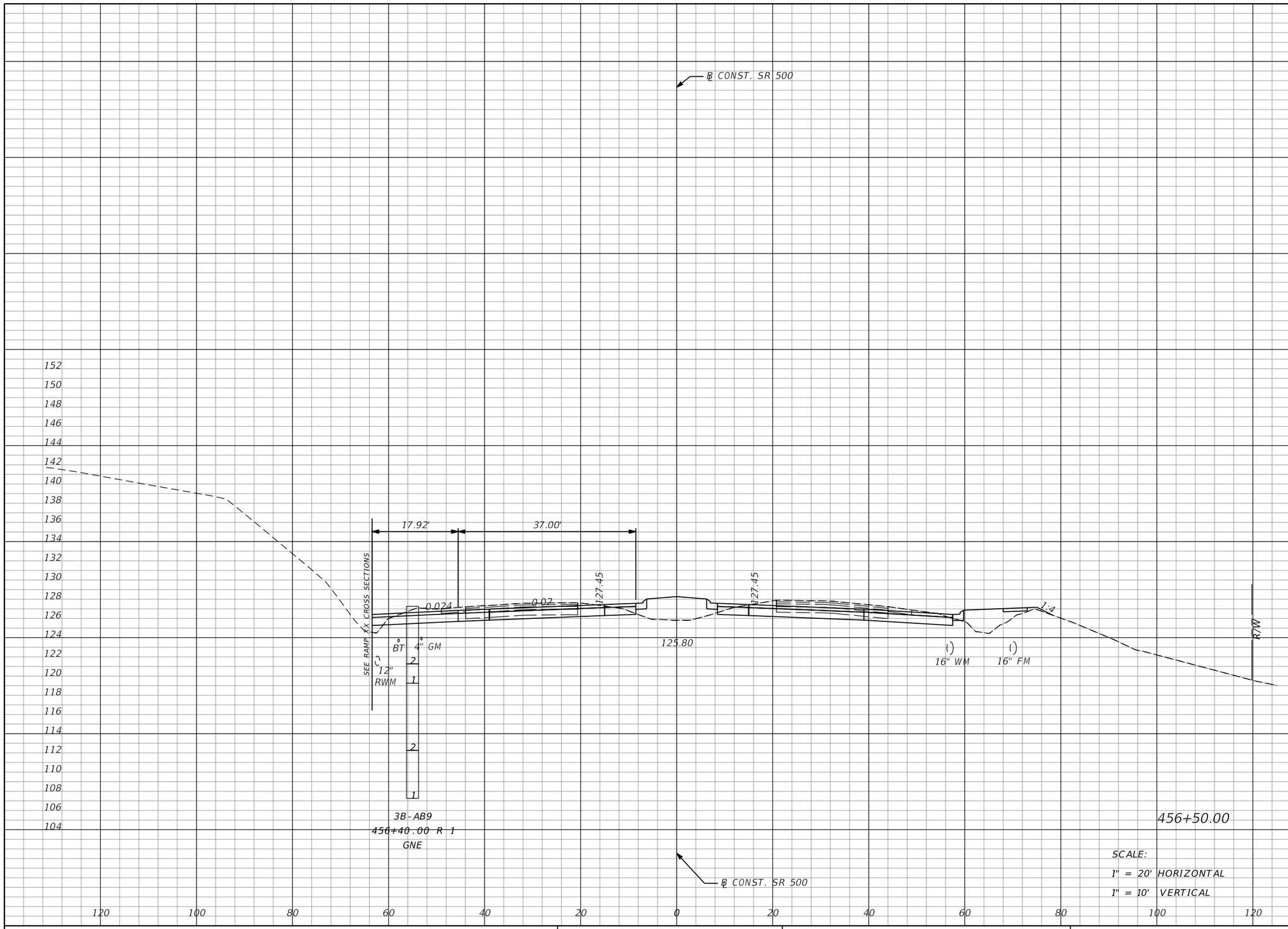
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 325



SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Regular Exc.		Embankment	
A	V	A	V
139	306	53	86

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

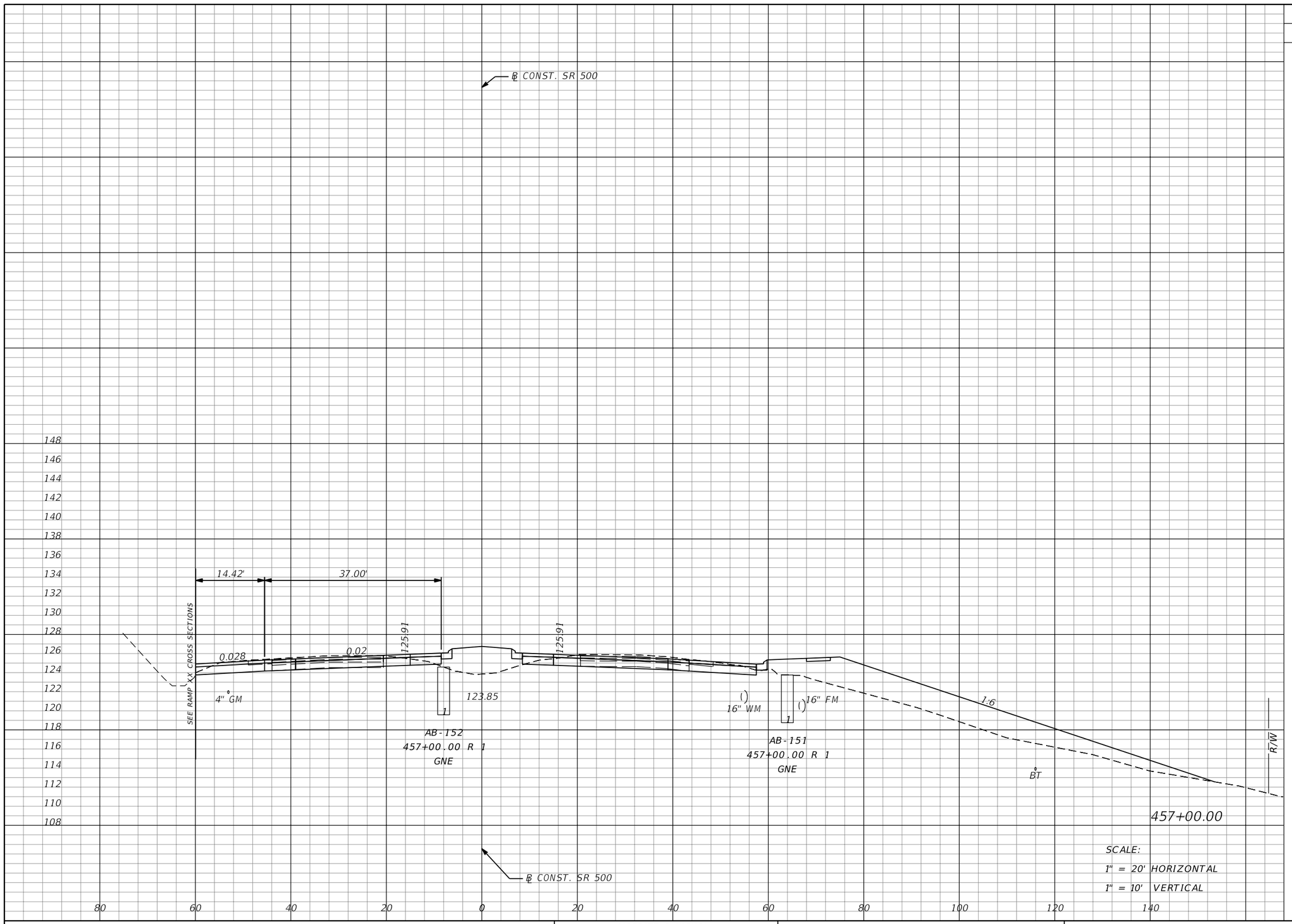
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 326

jcapra 3/28/2016 10:20:11 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



Regular Exc.		Embankment	
A	V	A	V
106	227	220	253

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

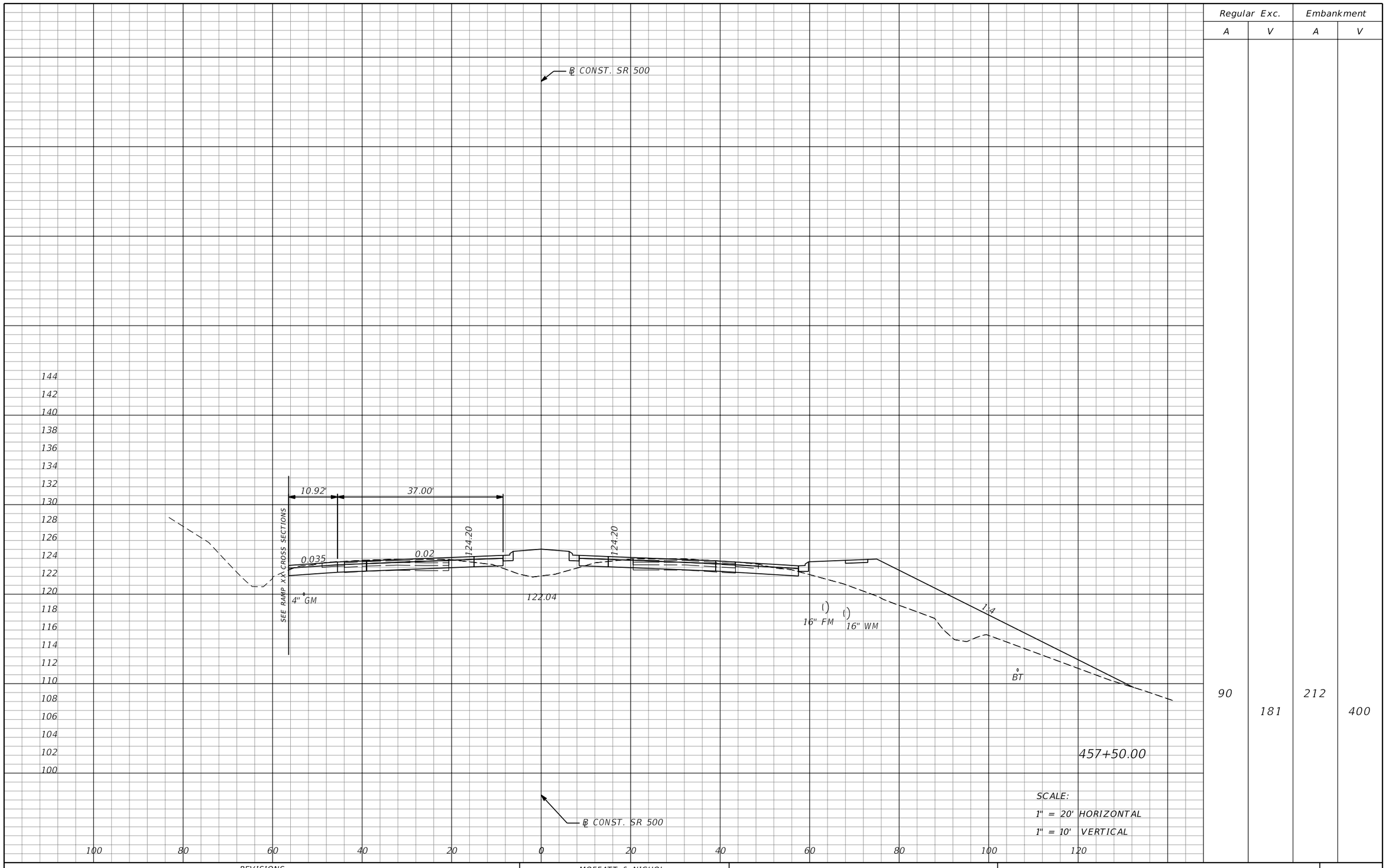
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 327

jcapra 3/28/2016 10:20:12 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



Regular Exc.		Embankment	
A	V	A	V
90	181	212	400

457+50.00

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

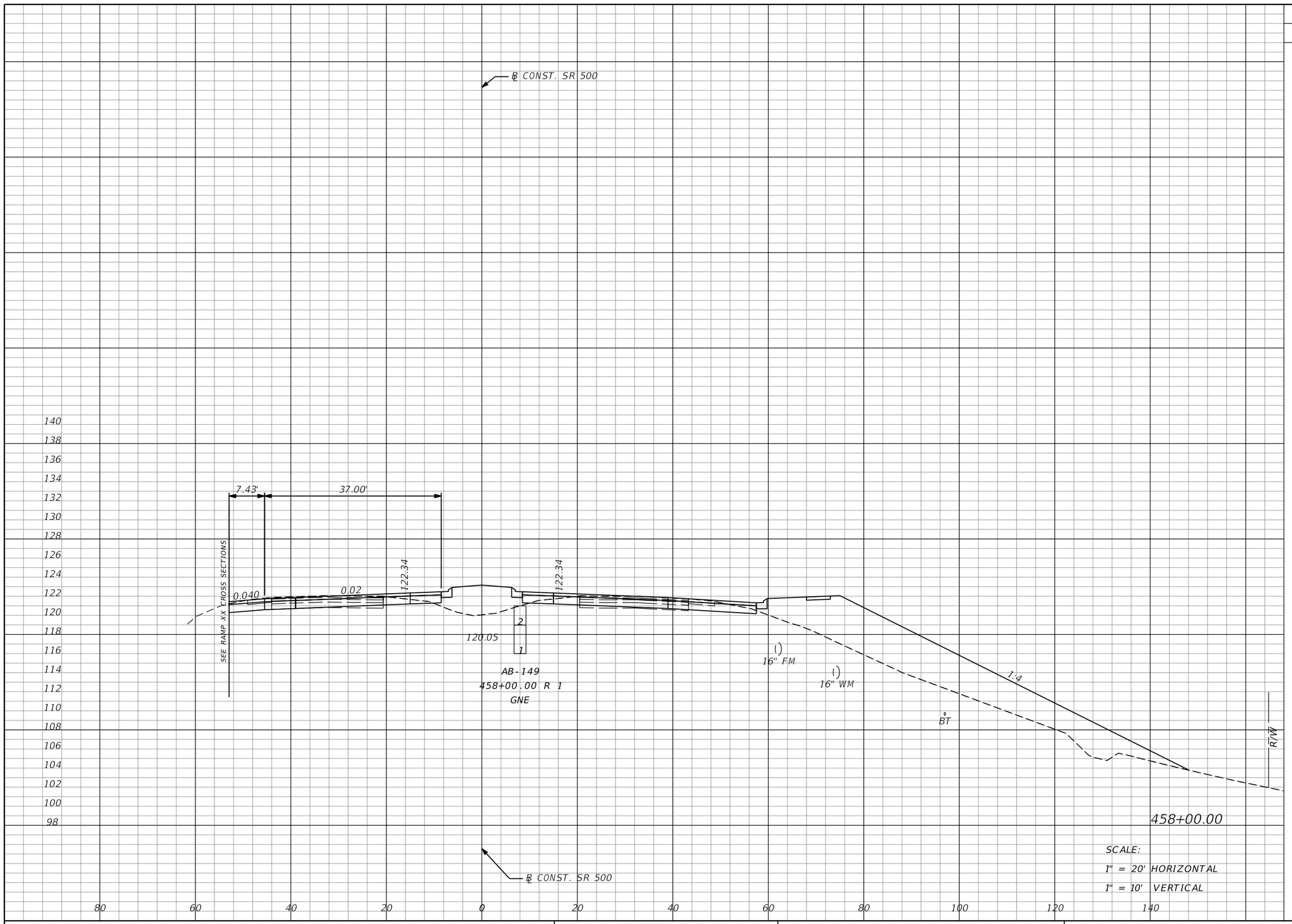
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 328

jcapra 3/28/2016 10:20:13 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



Regular Exc.		Embankment	
A	V	A	V
85	162	329	501

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

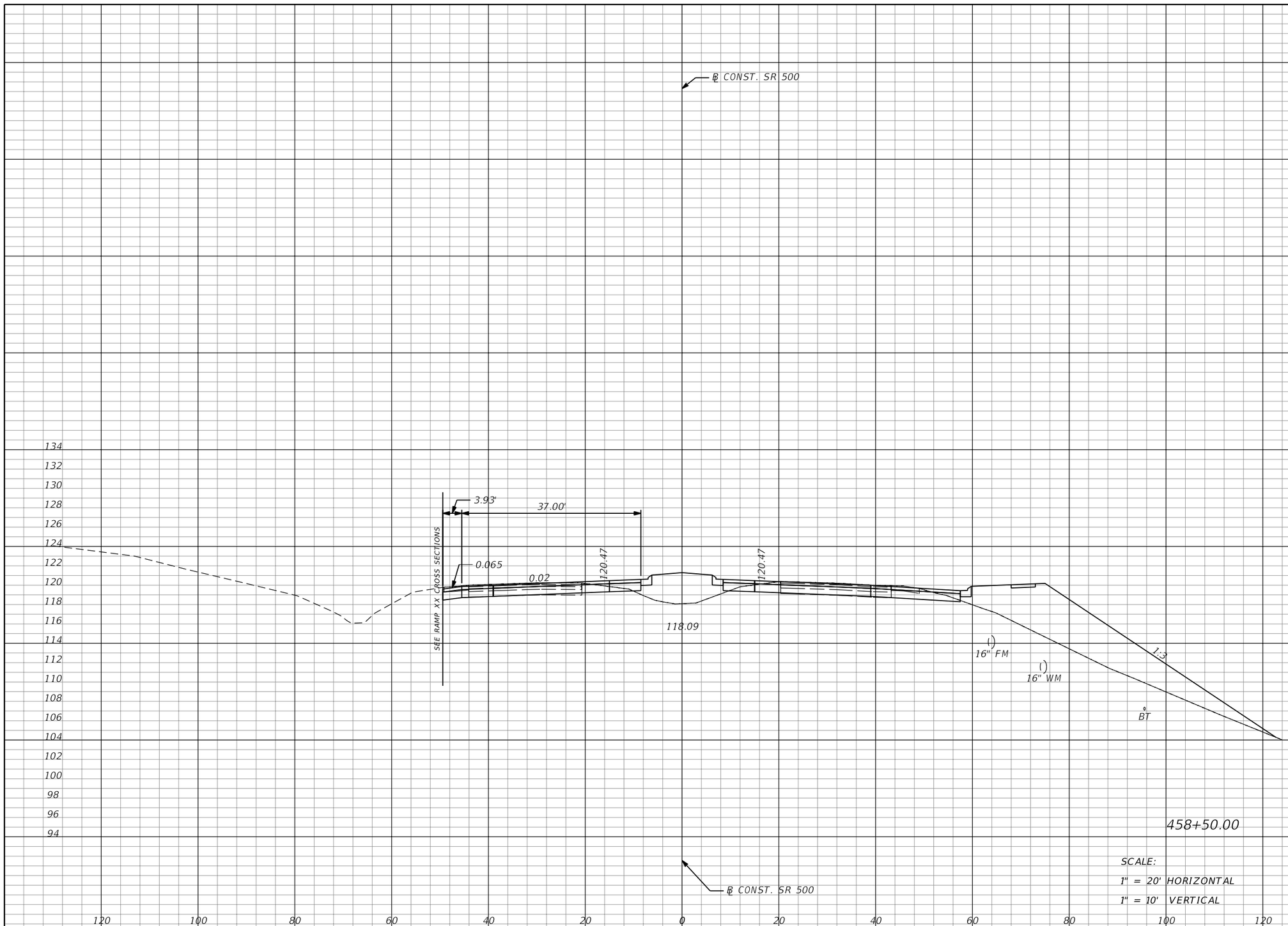
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 329

jcapra 3/28/2016 10:20:13 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Regular Exc.		Embankment	
A	V	A	V
88	160	237	524

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

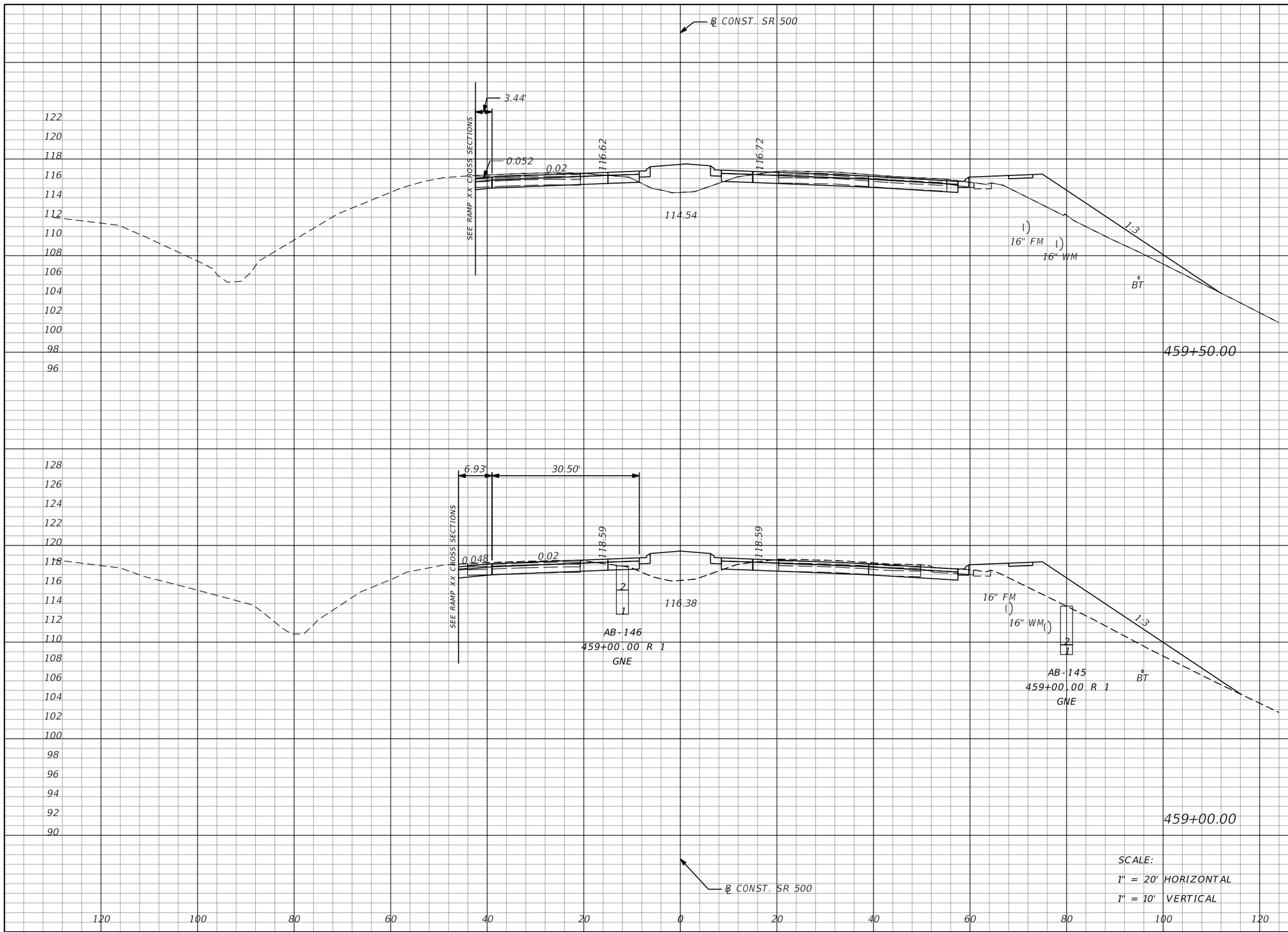
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 330



Regular Exc.		Embankment	
A	V	A	V
98	180	115	228
96	170	131	341

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

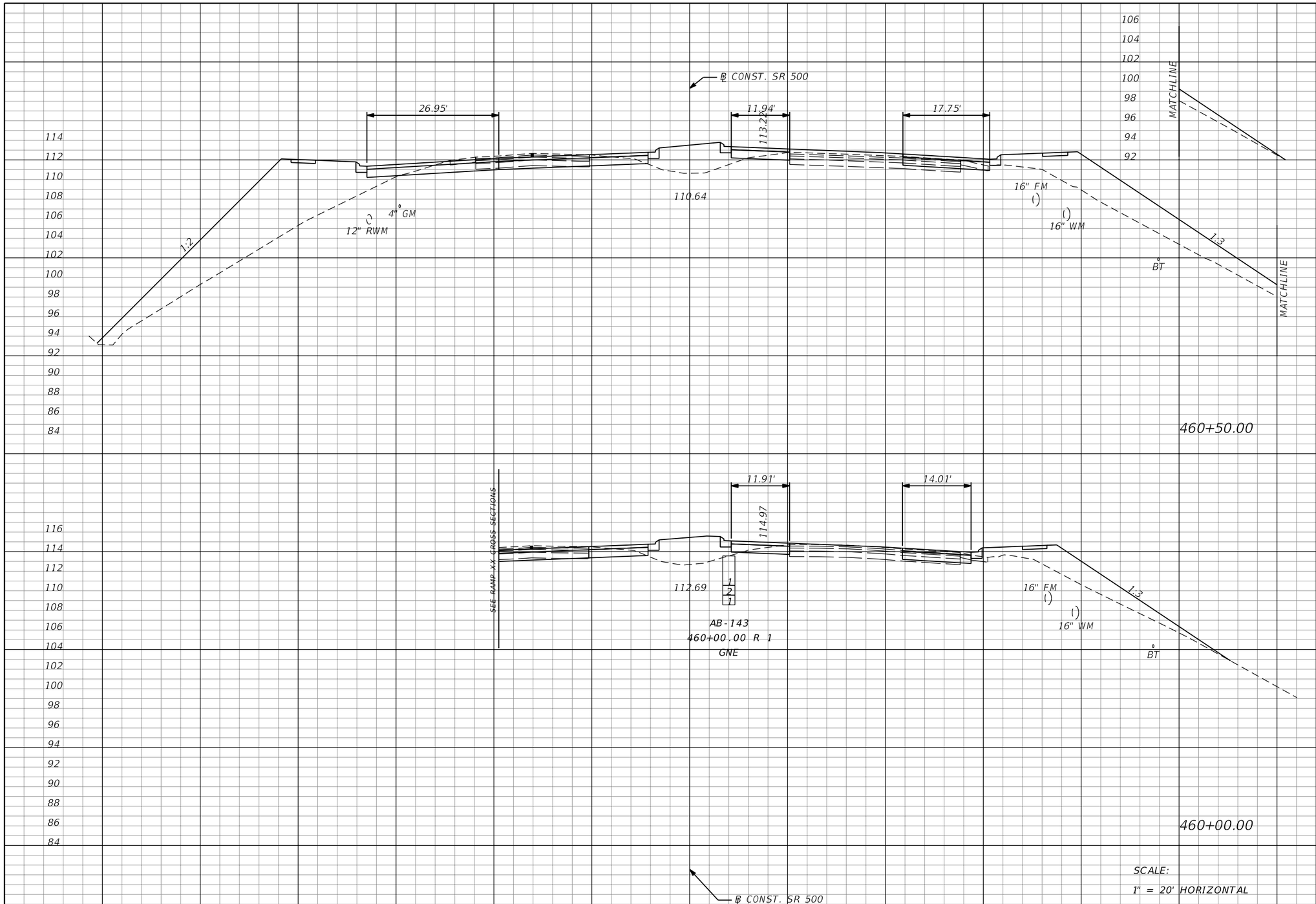
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 331

jcapra 3/28/2016 10:20:15 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



Regular Exc.		Embankment	
A	V	A	V
49	75	407	465
32	120	95	194

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

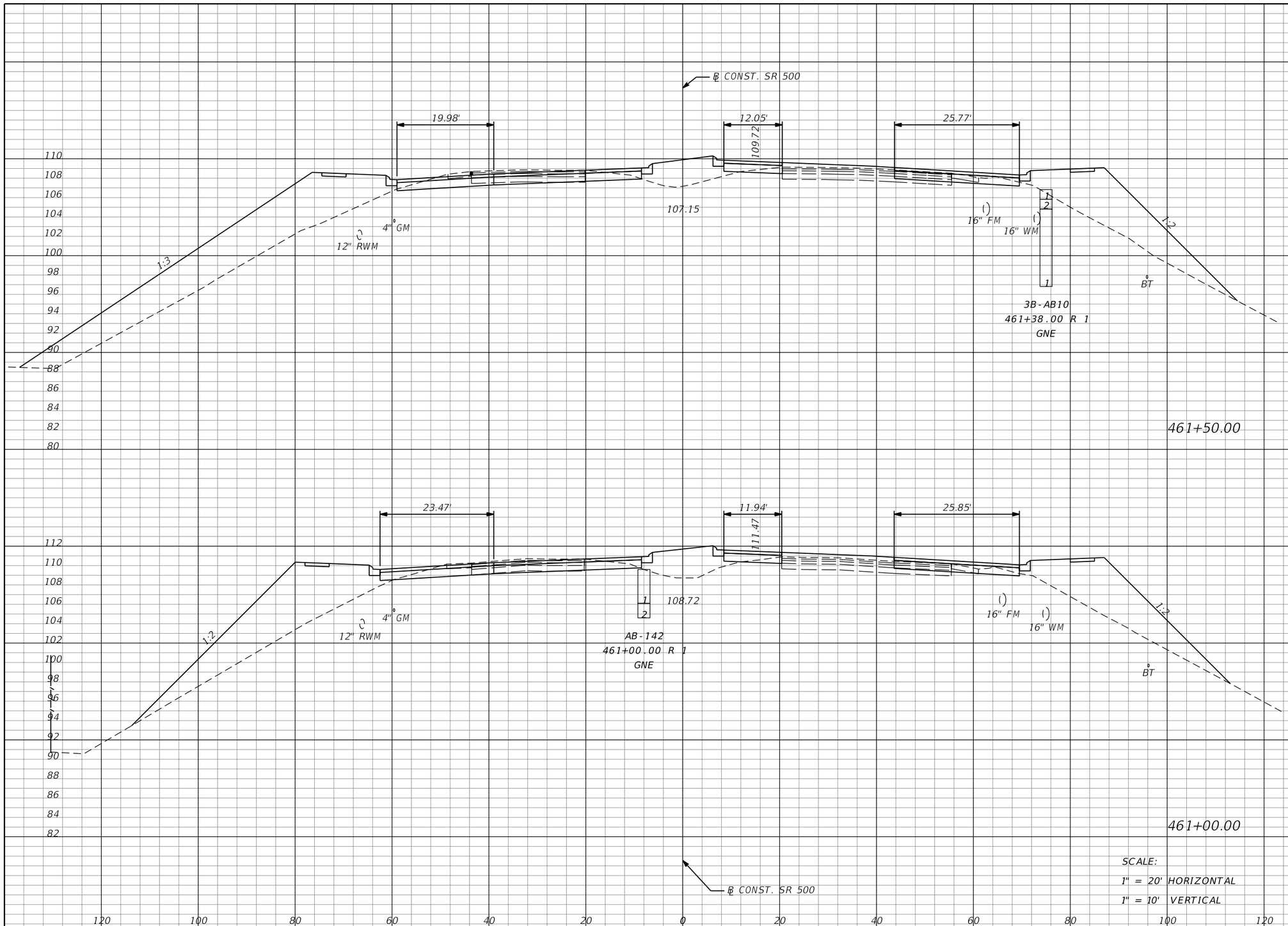
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 332

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

jcapra 3/28/2016 10:20:16 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



Regular Exc.		Embankment	
A	V	A	V
64	112	435	721
57	98	344	695

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

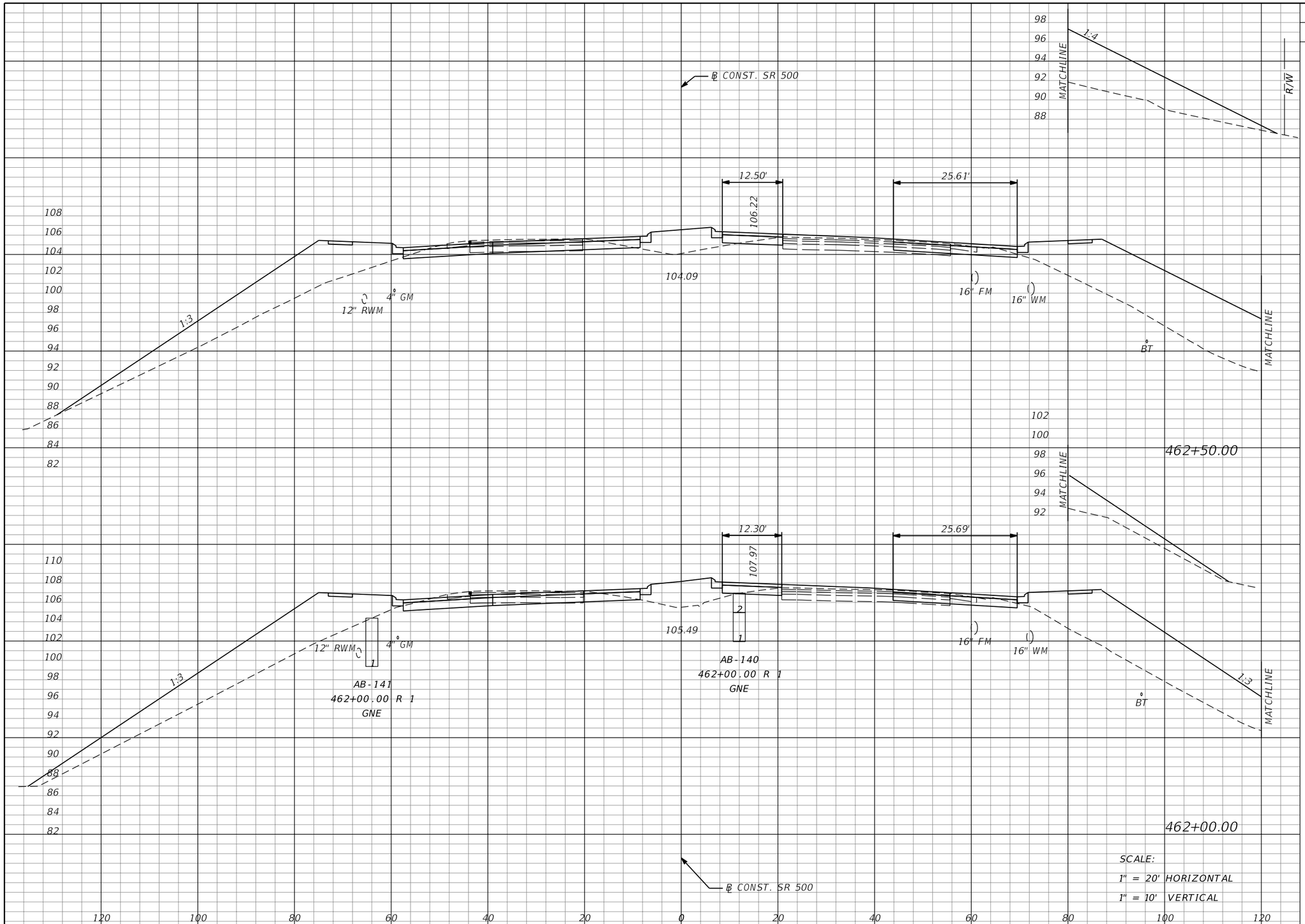
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 333

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

jcapra 3/28/2016 10:20:17 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



Regular Exc.		Embankment	
A	V	A	V
58	113	547	955
64	119	484	851

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

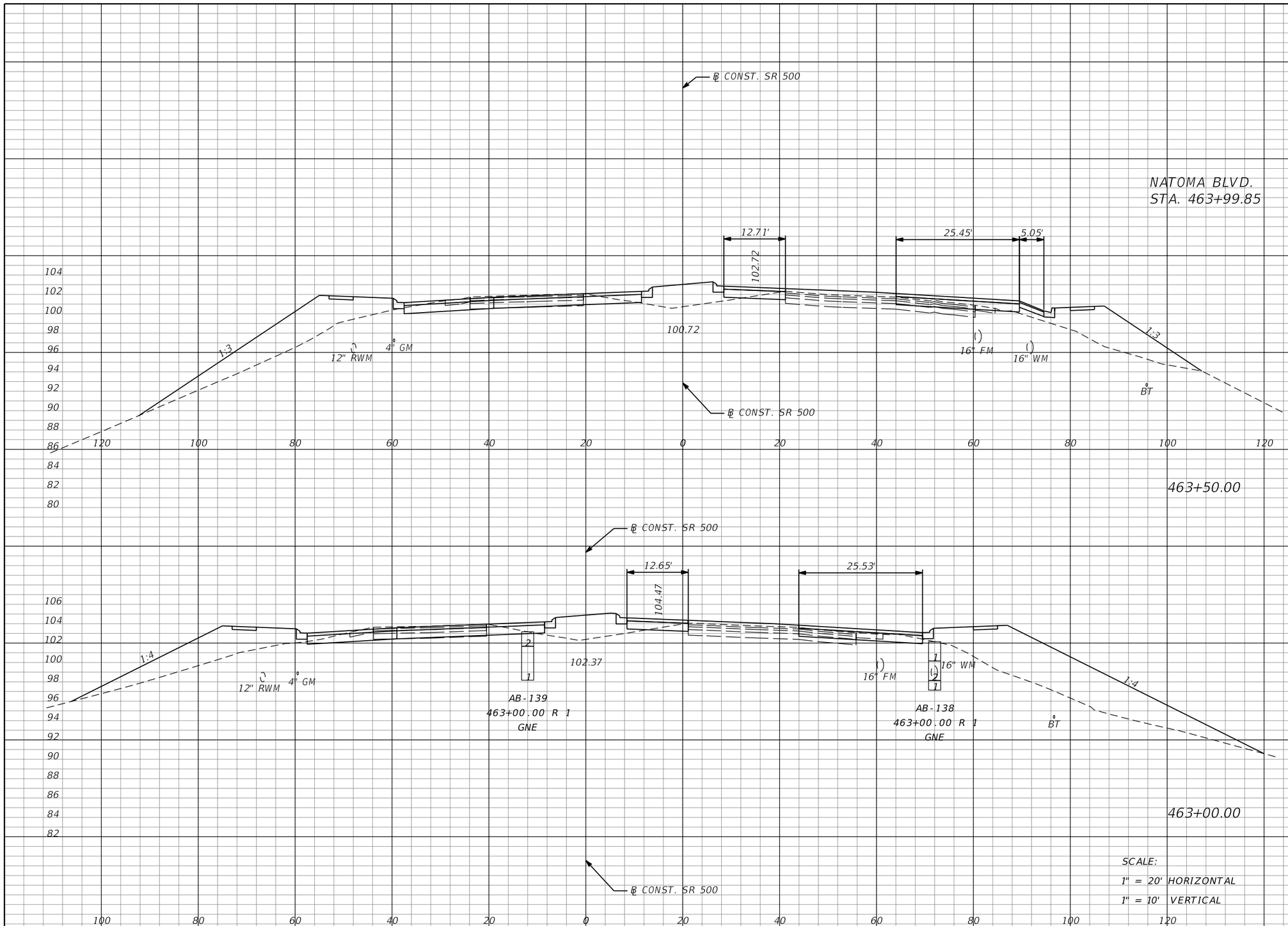
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 334

jcapra 3/28/2016 10:20:17 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



Regular Exc.		Embankment	
A	V	A	V
47	92	212	469
52	102	294	779

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

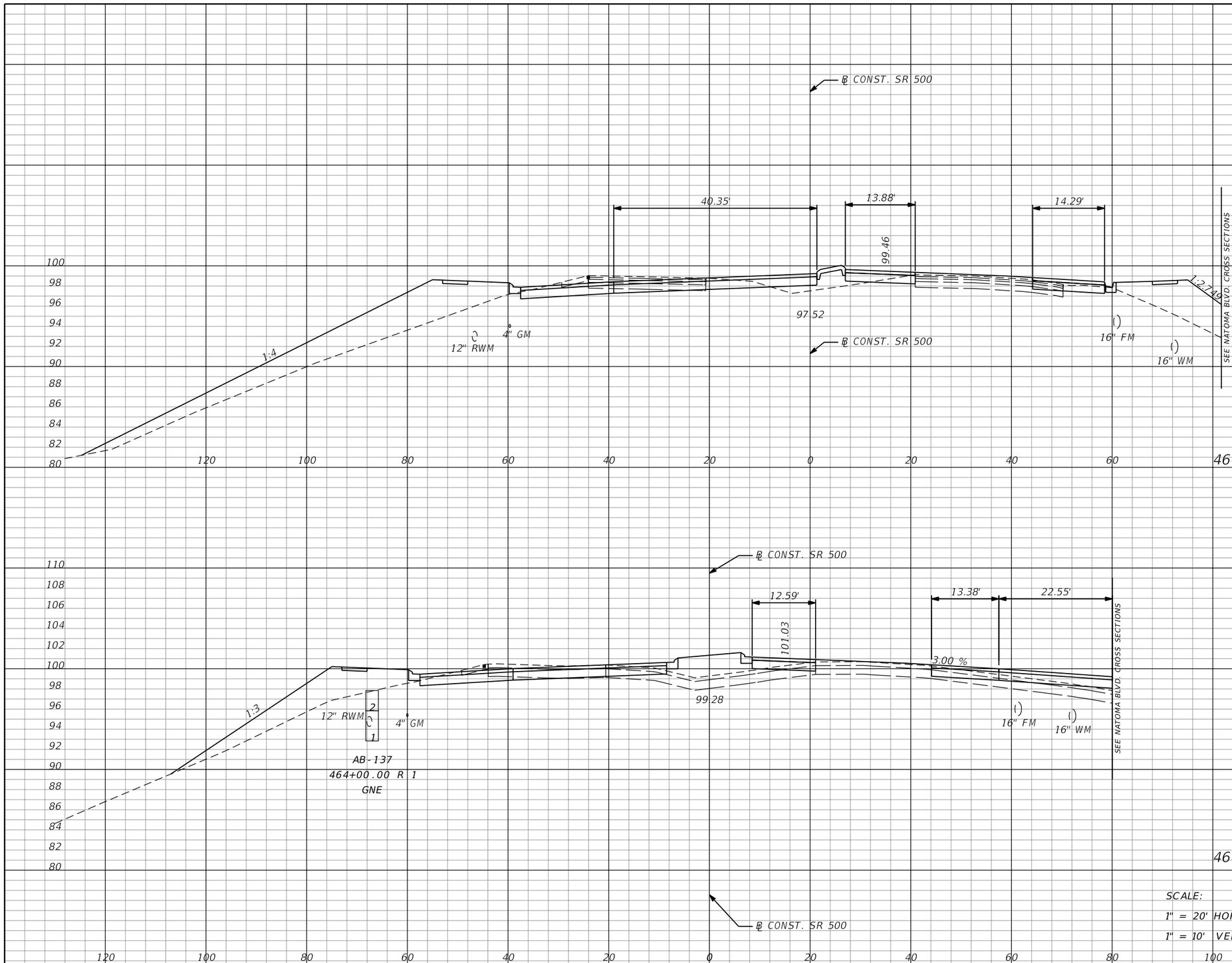
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 335

jcapra 3/28/2016 10:20:18 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



SCALE:

1" = 20' HORIZONTAL

1" = 10' VERTICAL

Regular Exc.		Embankment	
A	V	A	V
48	93	246	339
52	92	120	307

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

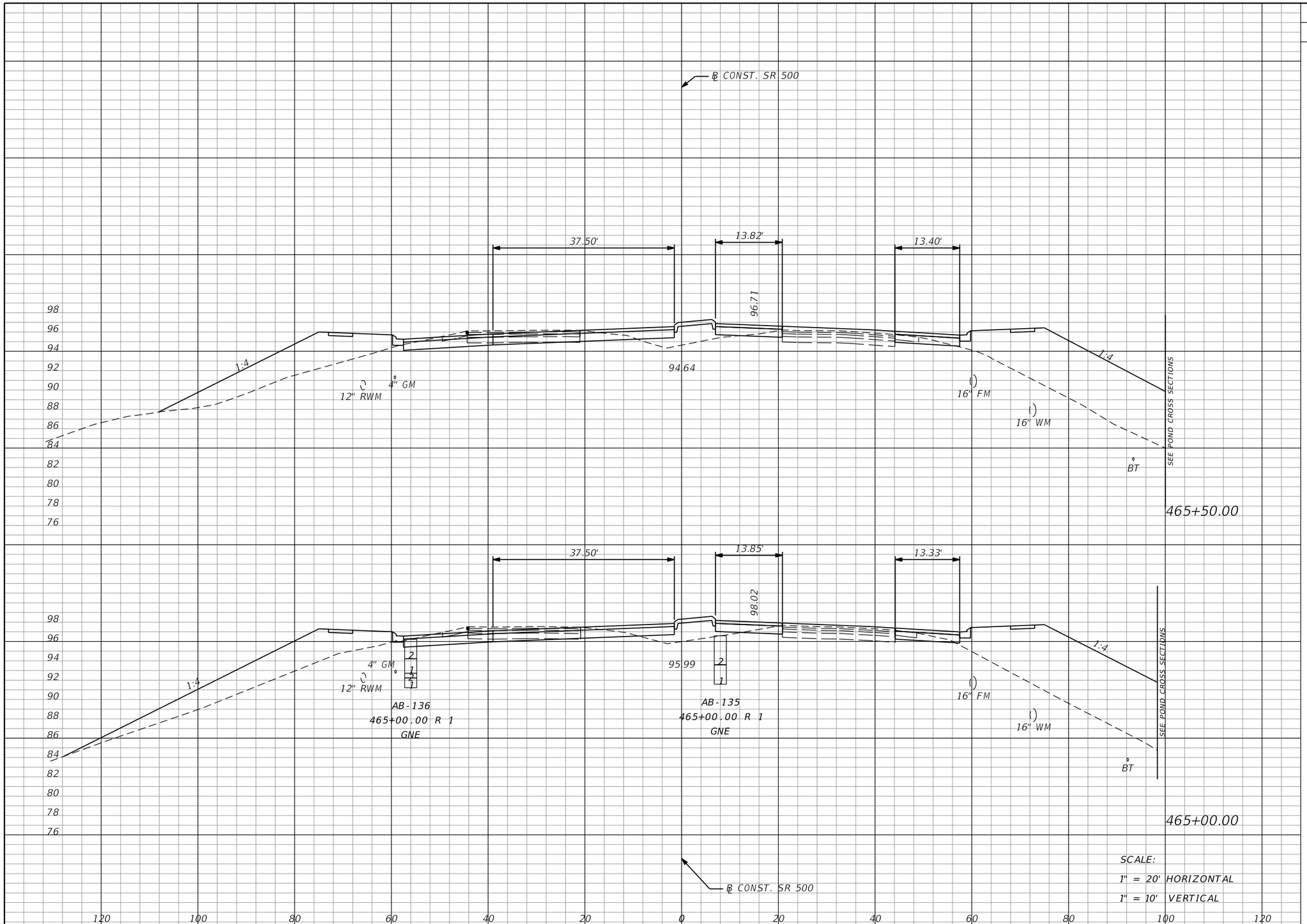
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 336

jcapra 3/28/2016 10:20:19 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



Regular Exc.		Embankment	
A	V	A	V
42	77	383	788
41	82	468	661

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

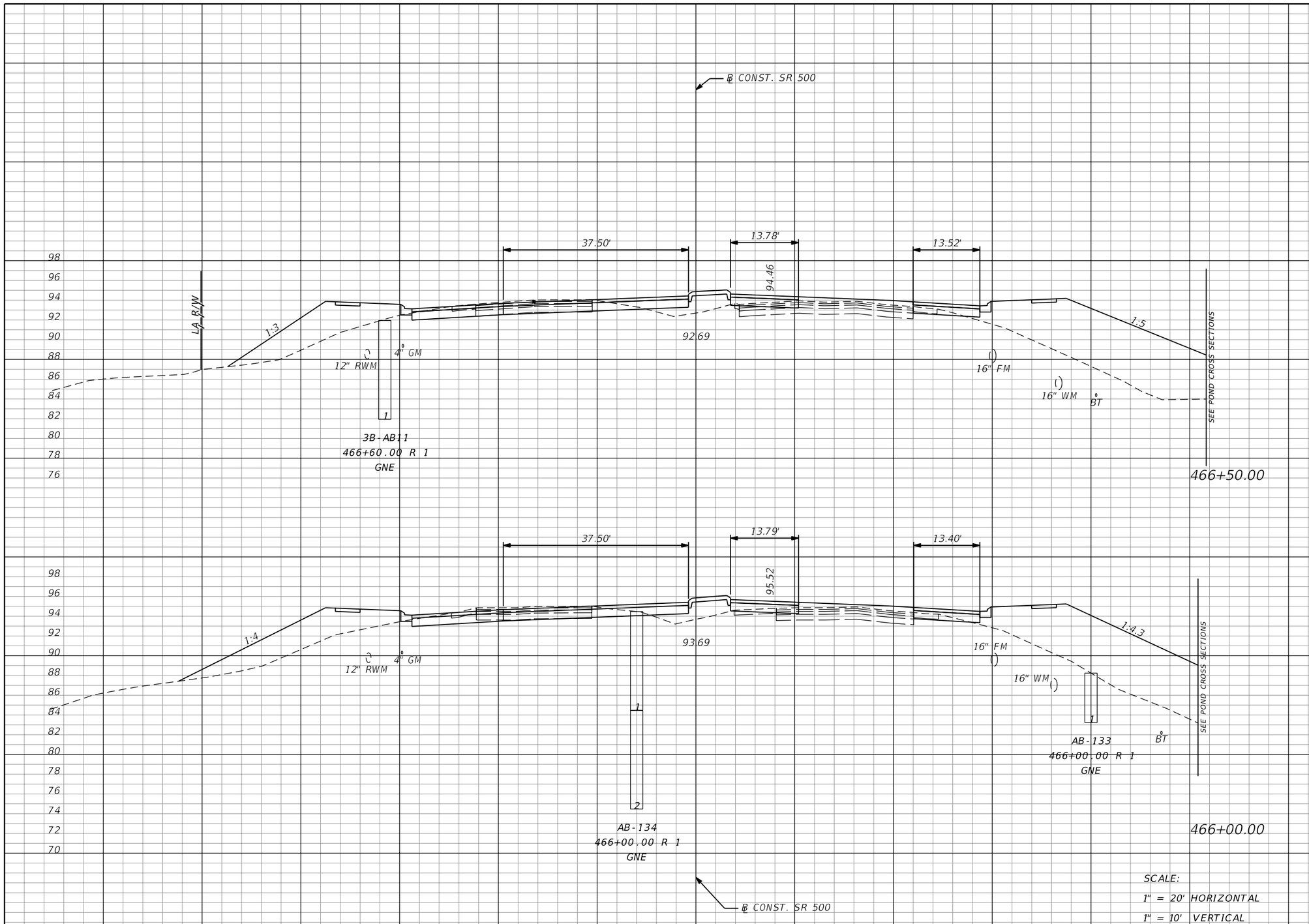
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 337

jcapra 3/28/2016 10:20:20 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Regular Exc.		Embankment	
A	V	A	V
30	59	334	637
34	70	354	682

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

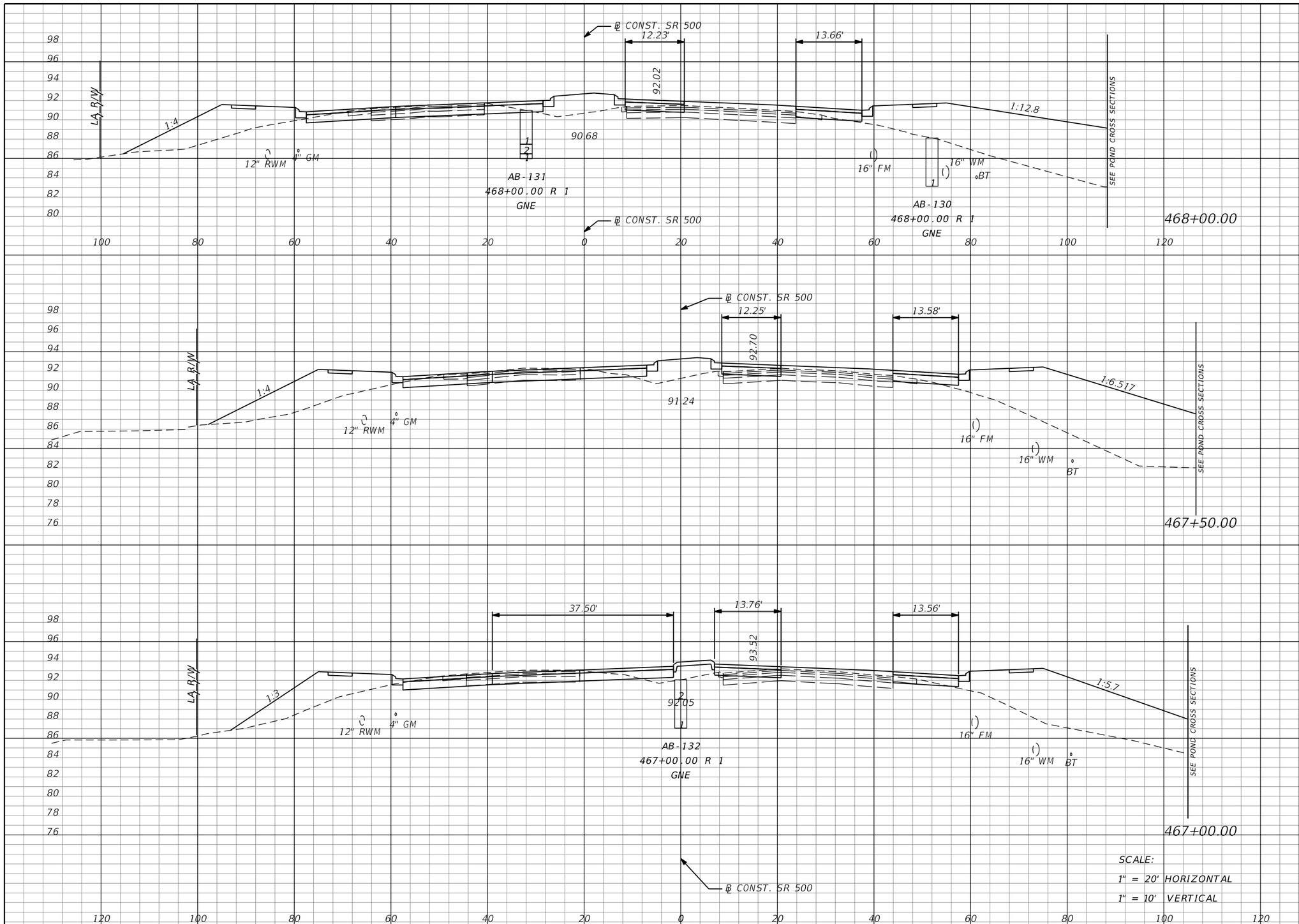
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 338



Regular Exc.		Embankment	
A	V	A	V
26	47	464	779
25	51	377	608
30	56	280	569

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

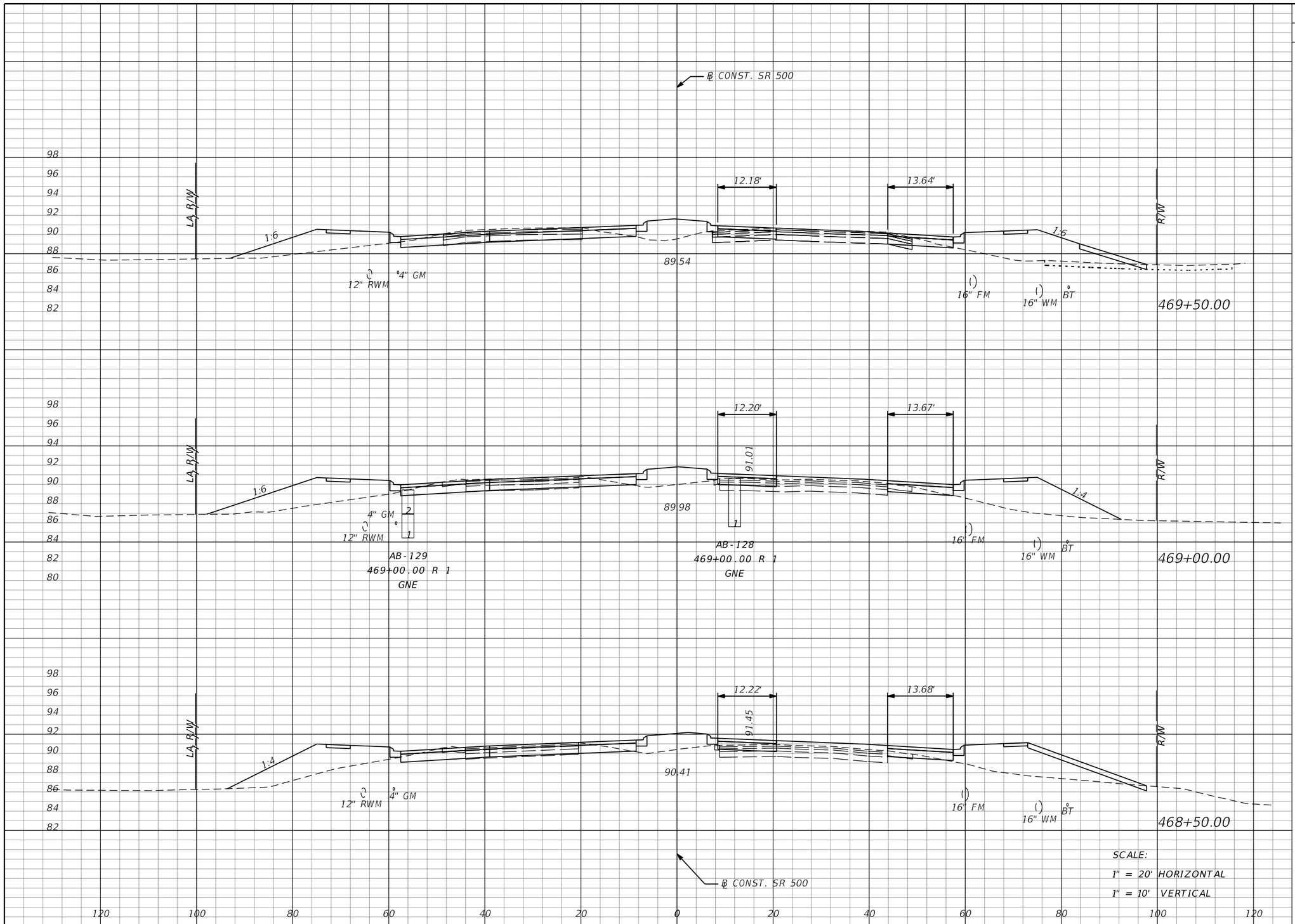
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 339

jcapra 3/28/2016 10:20:22 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



Regular Exc.		Embankment	
A	V	A	V
29	56	141	284
32	58	166	283
31	53	140	559

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

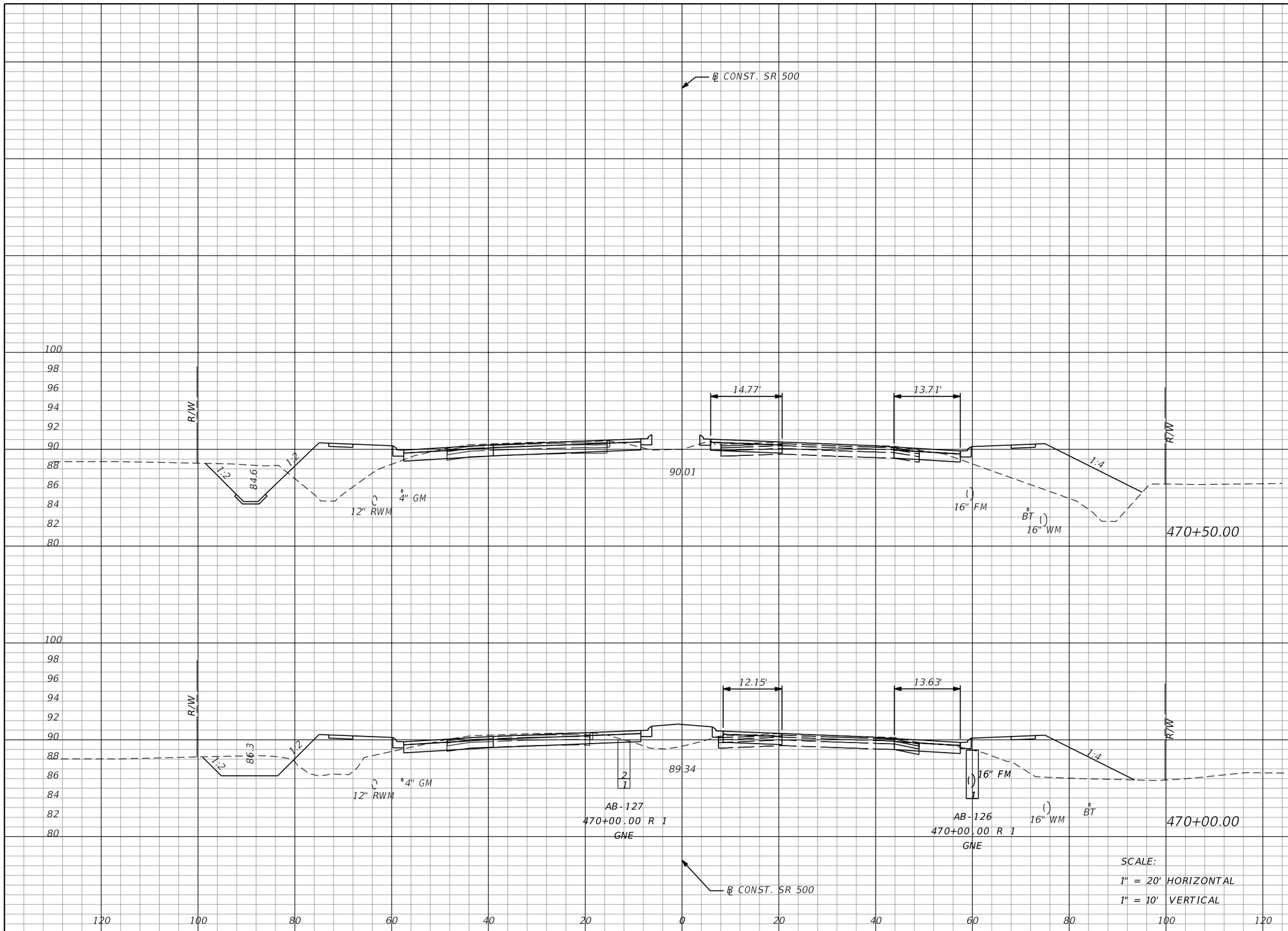
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 340

jcapra 3/28/2016 10:20:22 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Regular Exc.		Embankment	
A	V	A	V
35	62	237	383
32	56	177	294

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

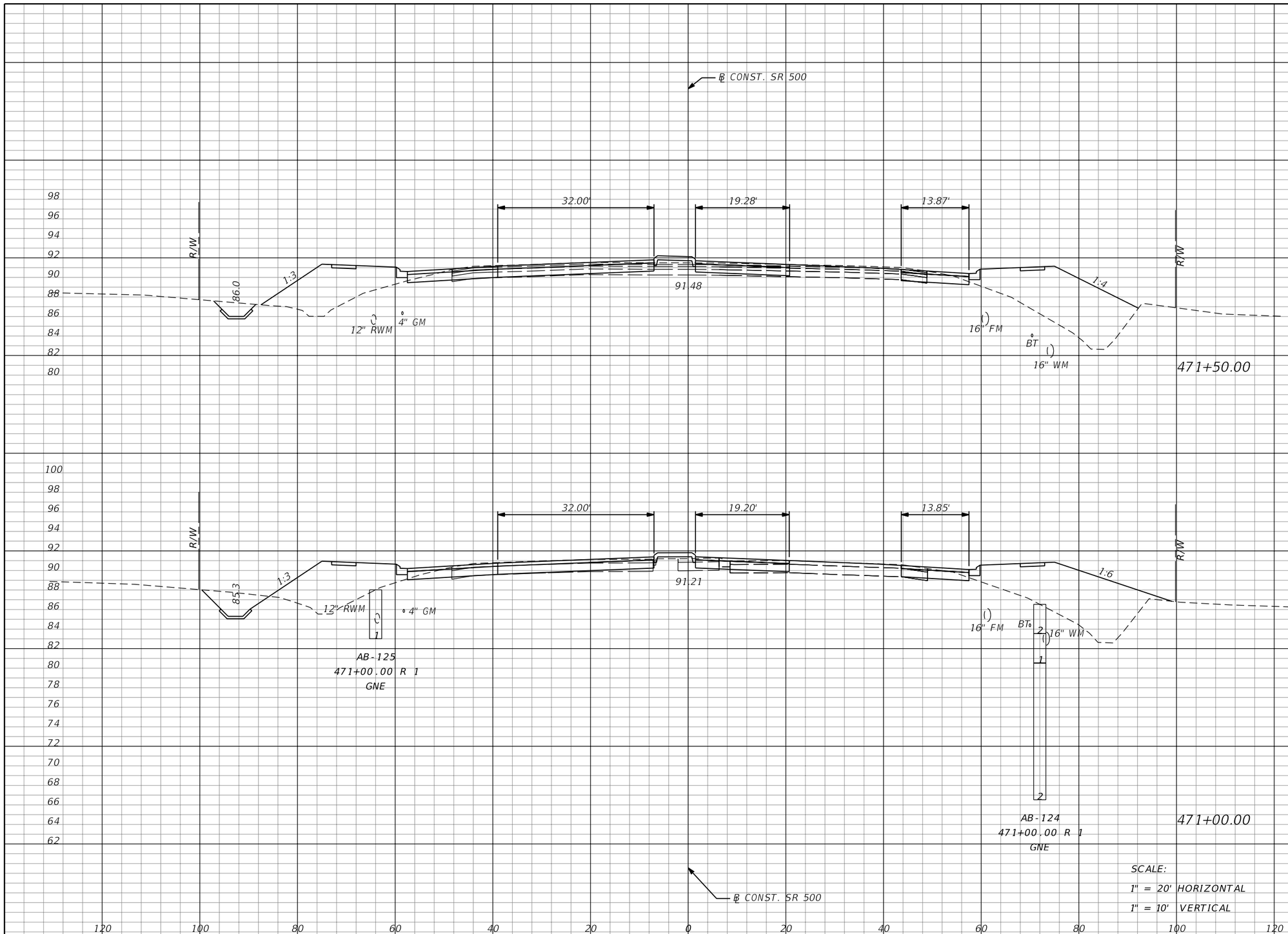
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 341

jcapra 3/28/2016 10:20:23 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



Regular Exc.		Embankment	
A	V	A	V
44	81	243	454
44	73	247	448

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

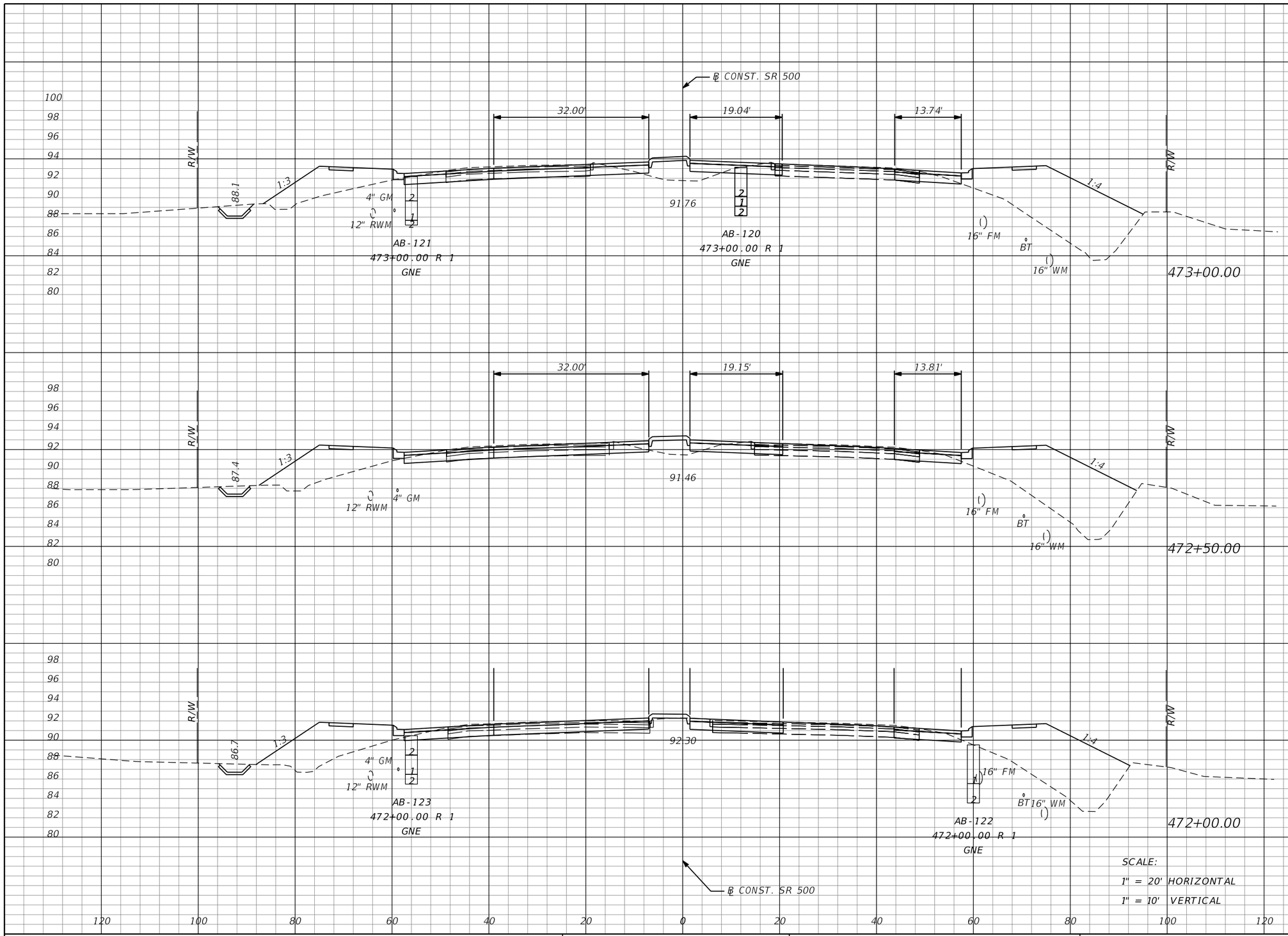
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 342

jcapra 3/28/2016 10:20:24 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Regular Exc.		Embankment	
A	V	A	V
43	87	250	458
51	101	245	444
58	94	234	442

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

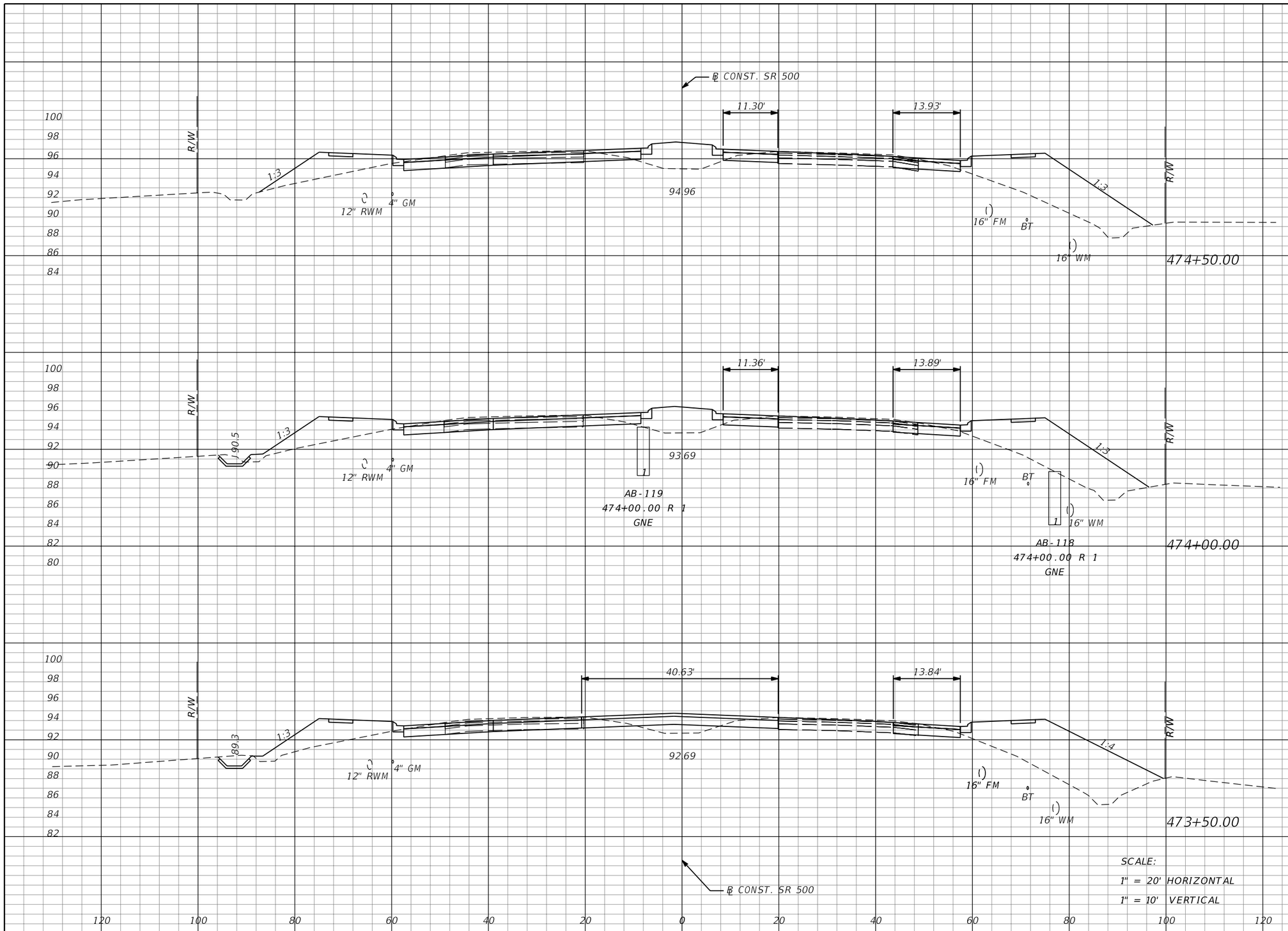
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 343

jcapra 3/28/2016 10:20:25 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Regular Exc.		Embankment	
A	V	A	V
42	79	236	432
43	81	231	431
44	81	234	448

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

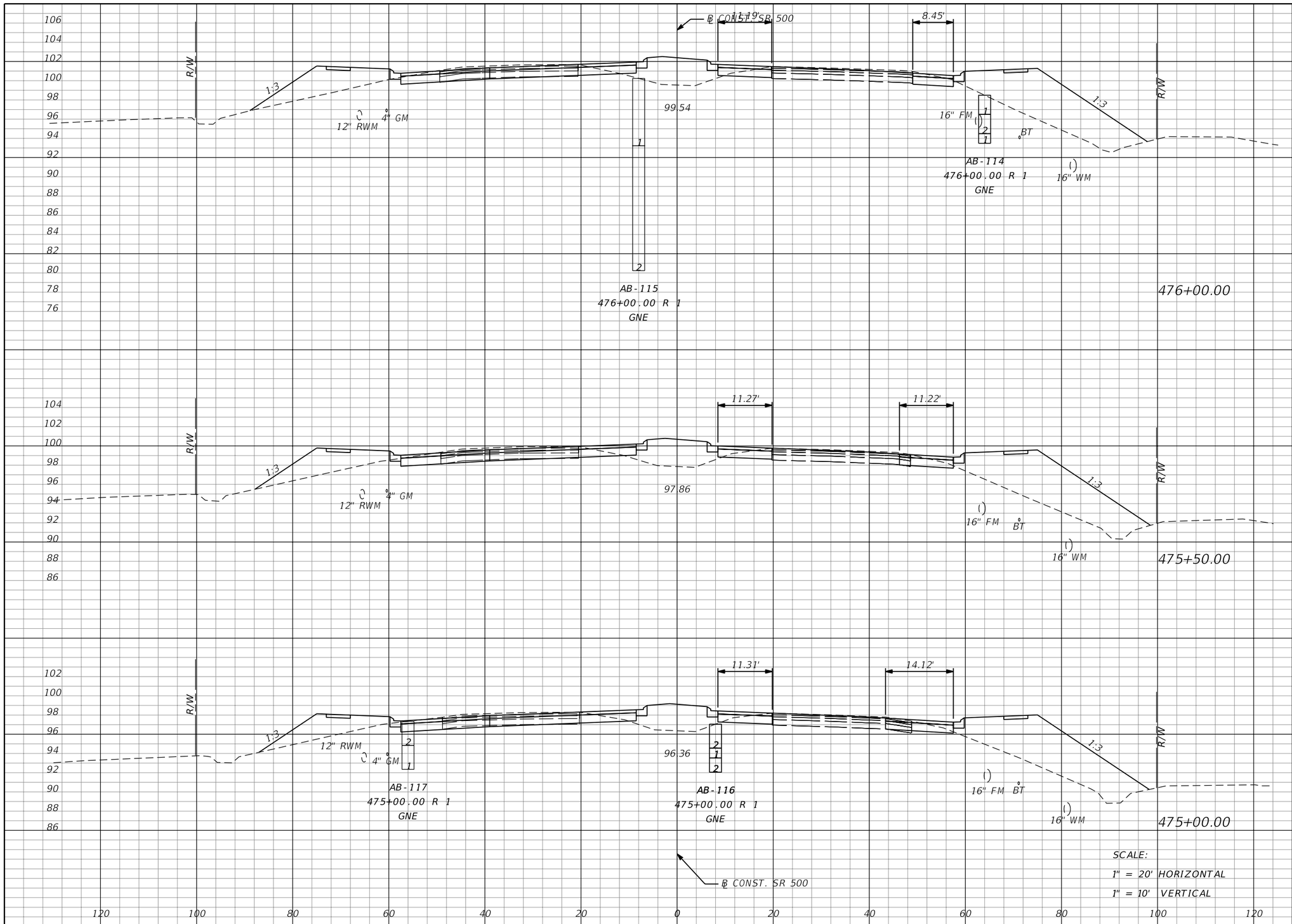
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 344



Regular Exc.		Embankment	
A	V	A	V
35	67	238	439
37	73	236	428
42	78	226	428

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

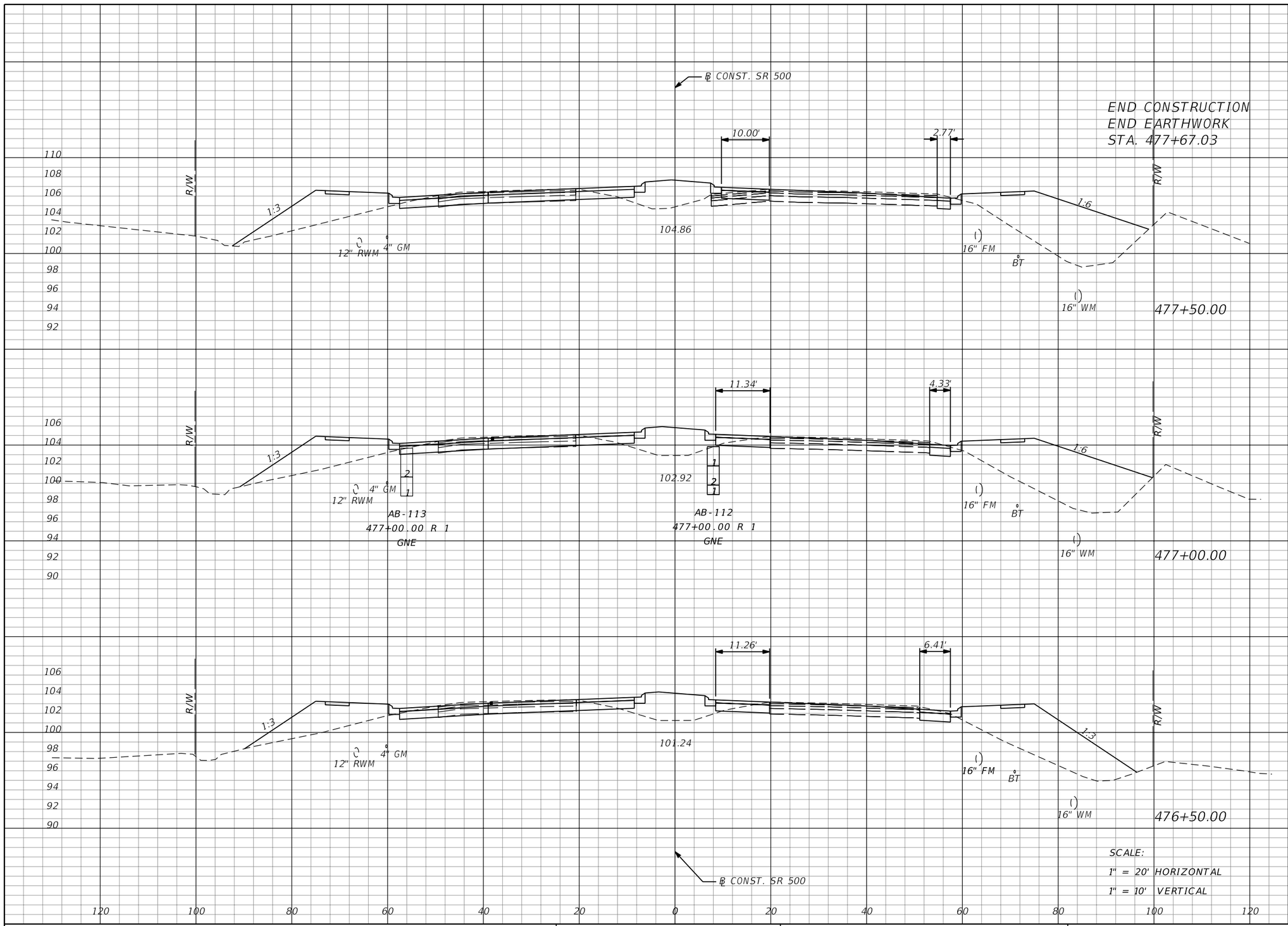
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 345

jcapra 3/28/2016 10:20:26 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



Regular Exc.		Embankment	
A	V	A	V
31	58	259	496
32	60	277	478
33	63	239	442

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

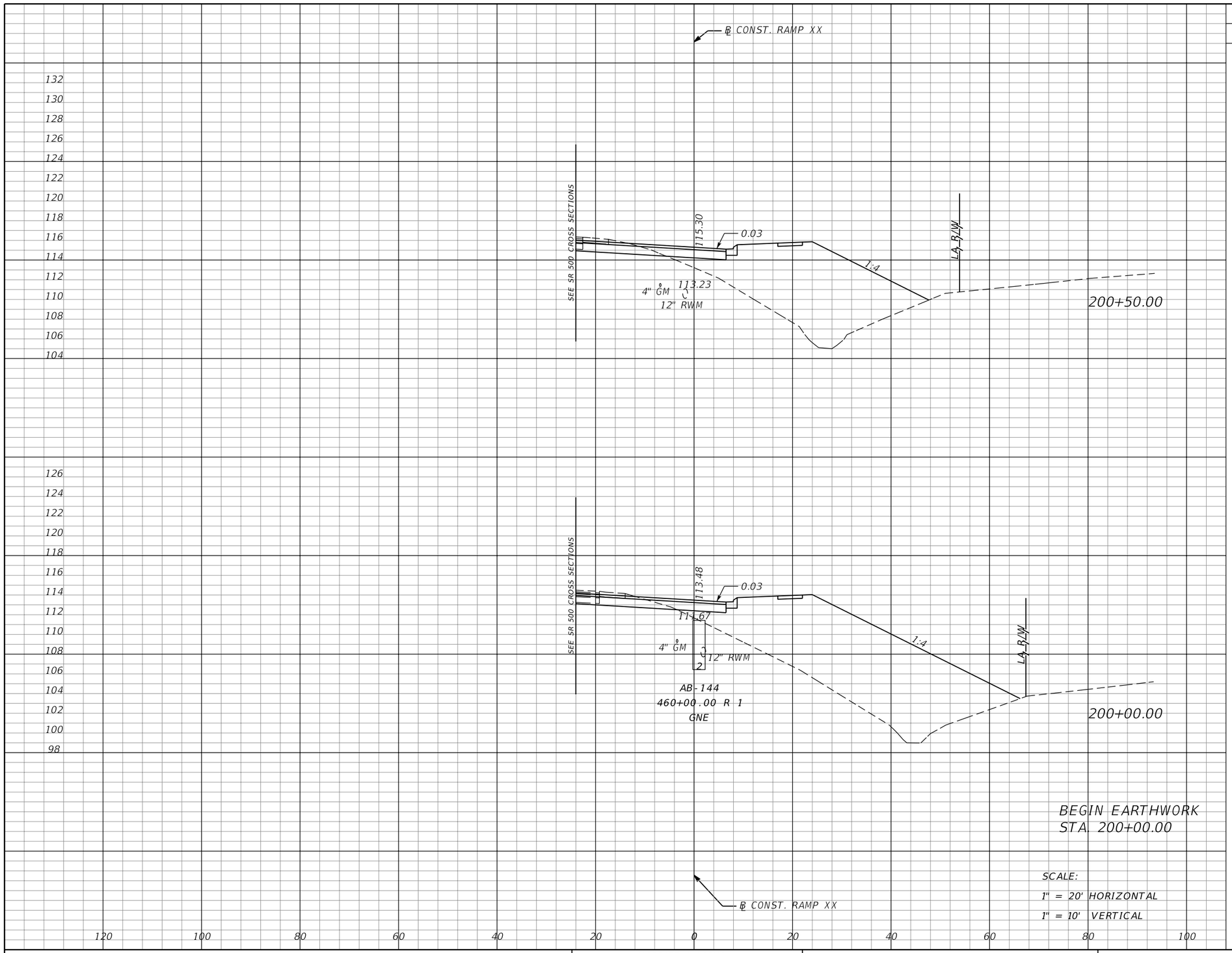
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 346

jcapra 3/28/2016 10:20:28 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD02.dgn



BEGIN EARTHWORK
STA. 200+00.00

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	19	37	257	609
0	0	21	0	401	0

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

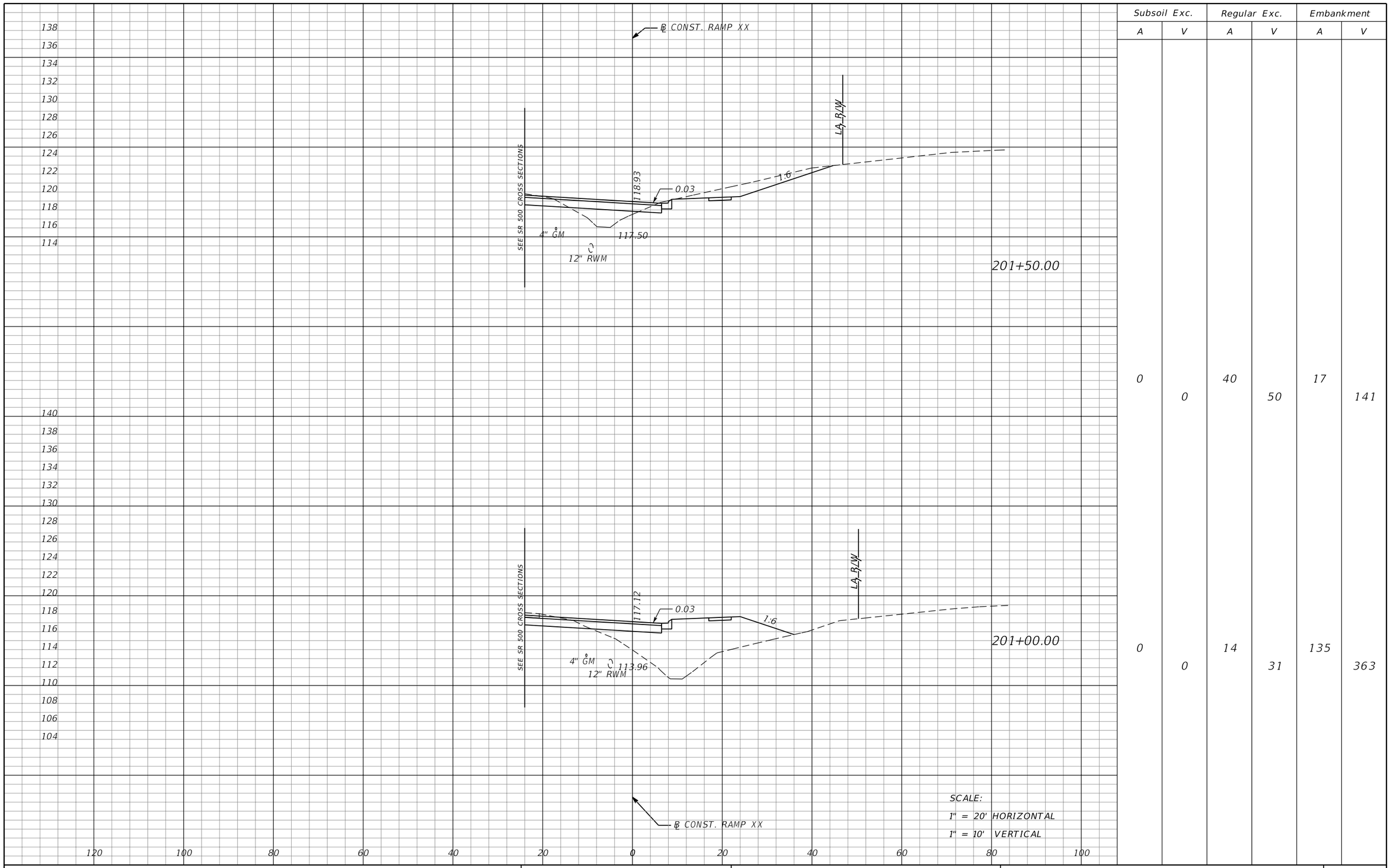
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO. 347

jcapra 3/28/2016 10:20:31 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD03.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	40	50	17	141
0	0	14	31	135	363

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

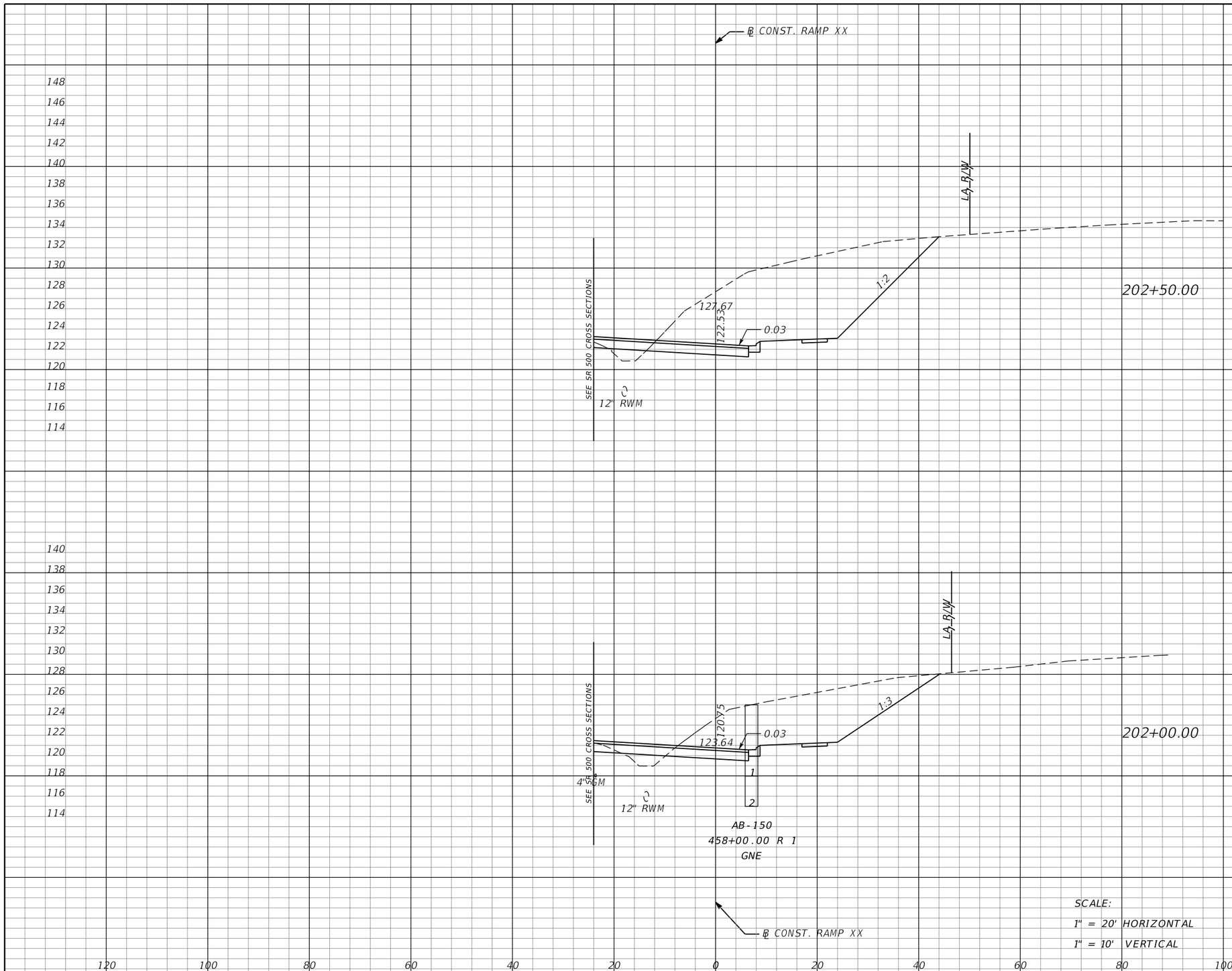
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO. 348

jcapra 3/28/2016 10:20:31 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD03.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	324	481	6	11
0	0	196	219	6	21

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

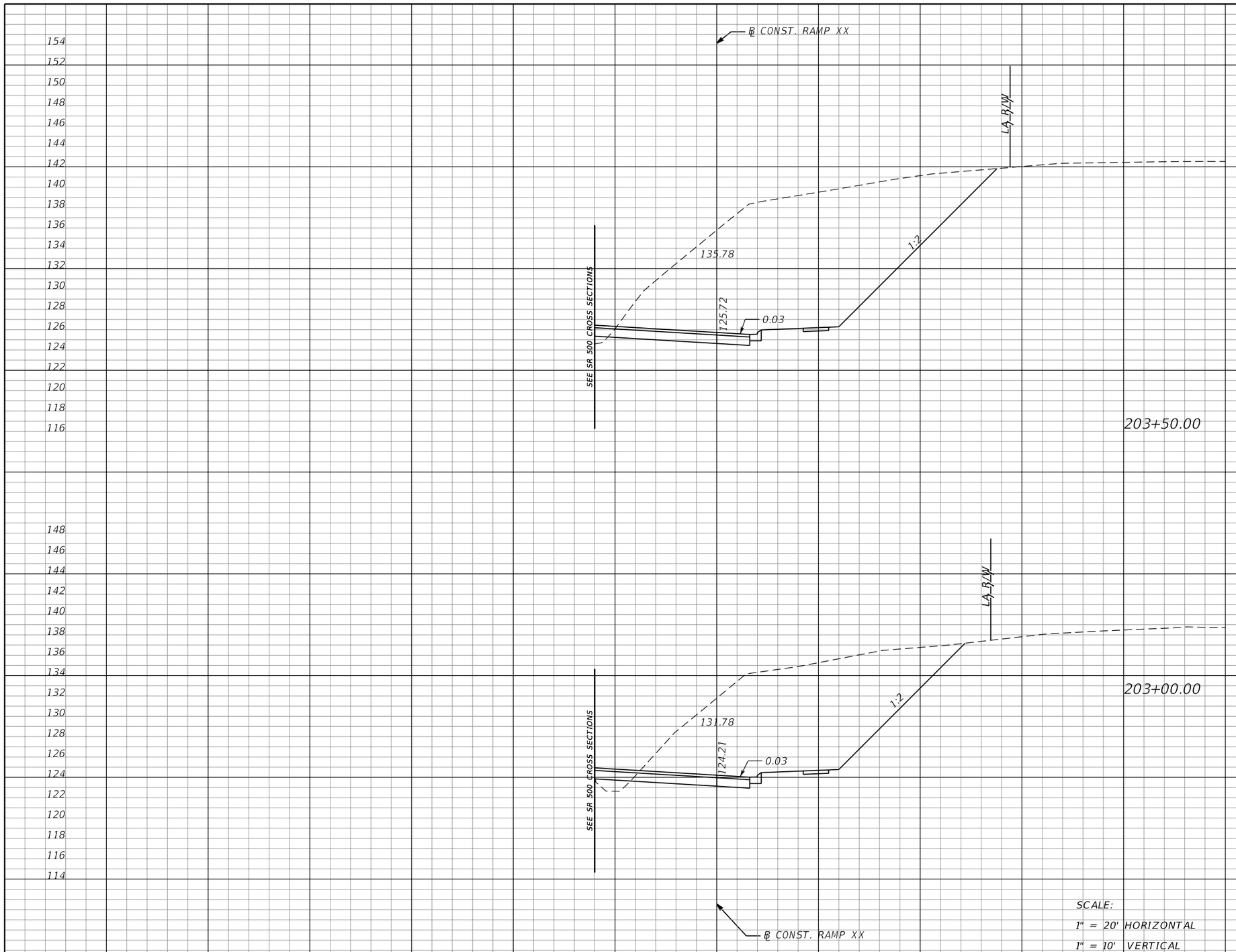
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO. 349

jcapra 3/28/2016 10:20:32 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD03.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	660	1043	1	6
0	0	466	731	6	11

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

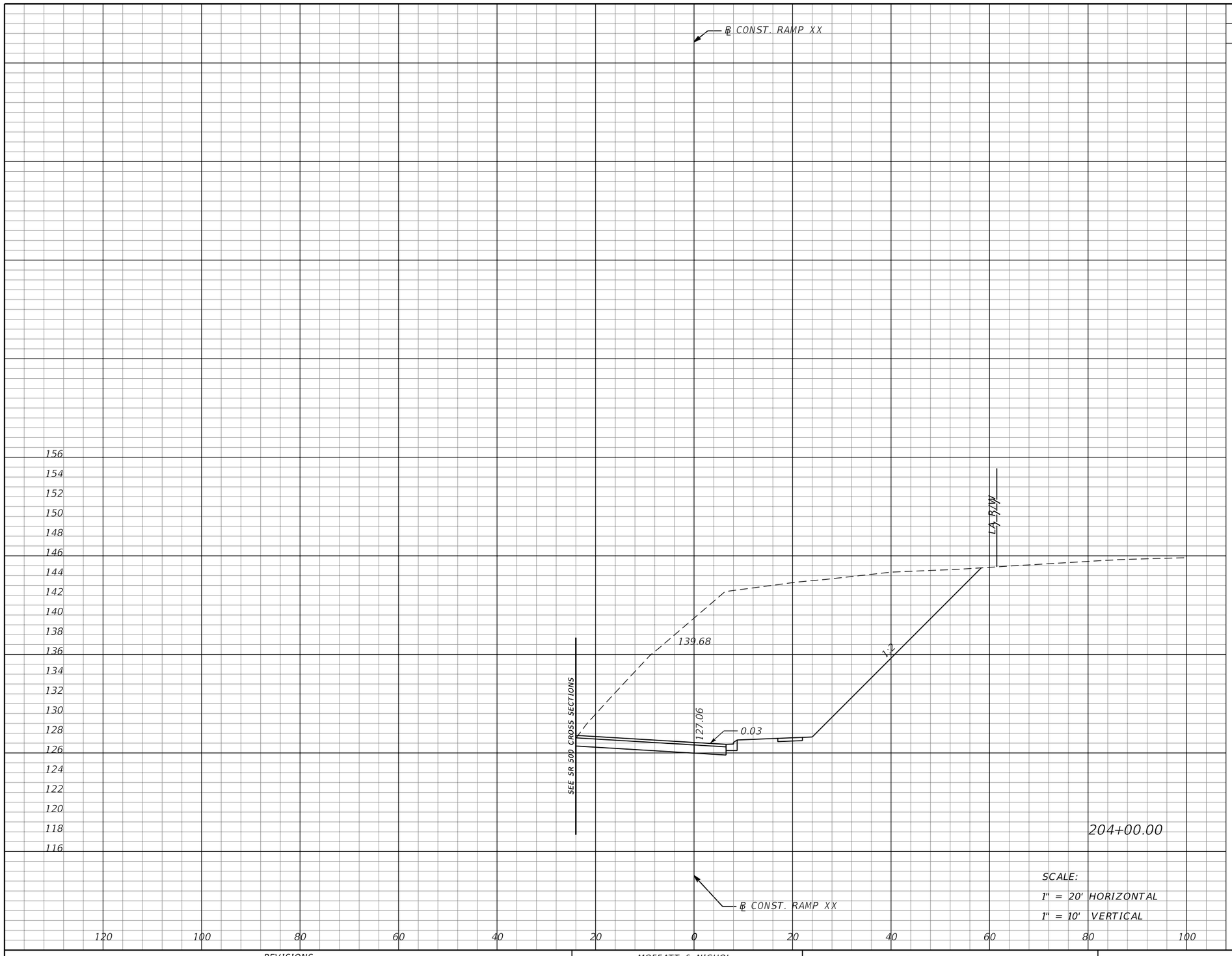
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO. 350

jcapra 3/28/2016 10:20:32 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD03.DGN



SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	835	1384	0	1

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

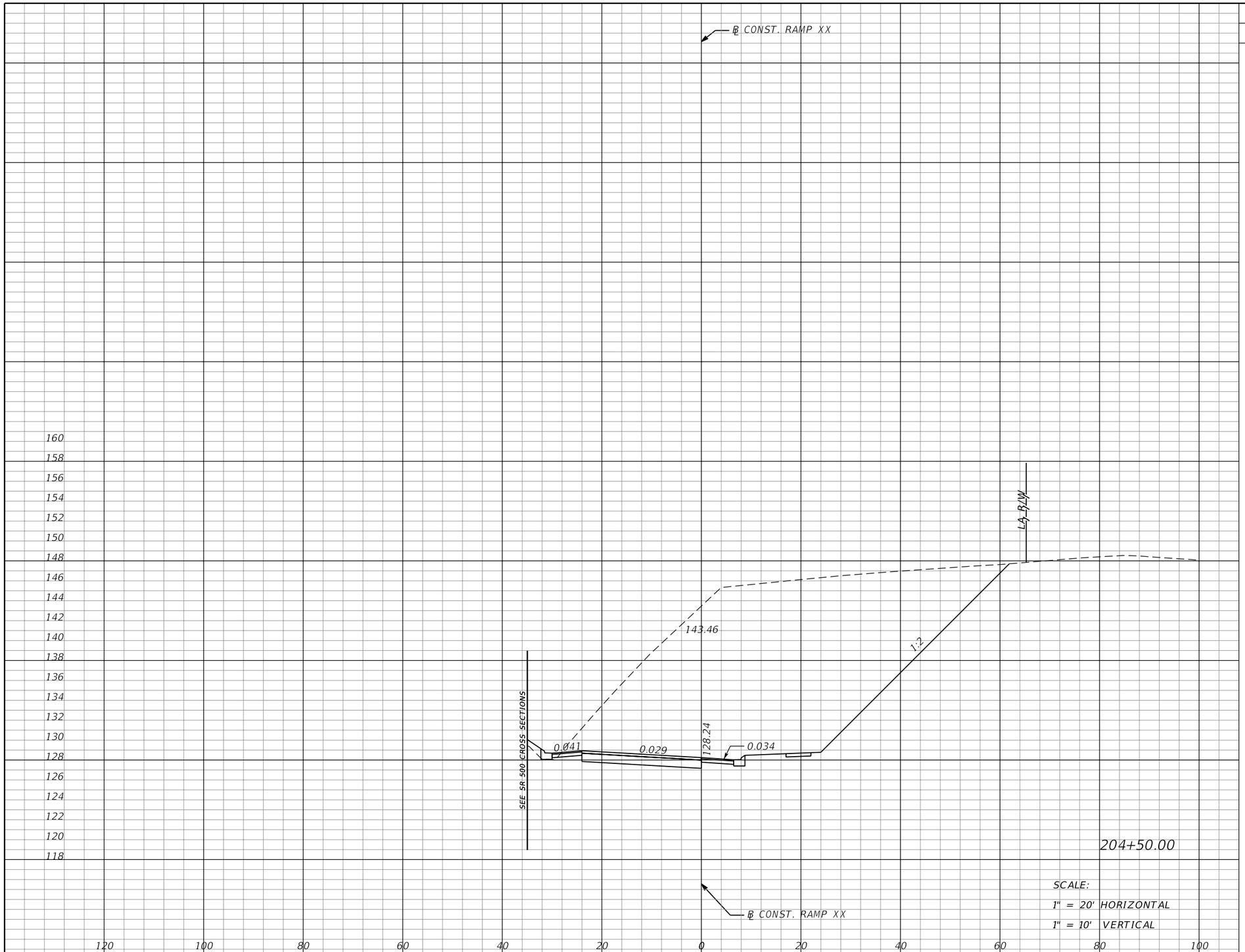
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO. 351

jcapra 3/28/2016 10:20:33 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD03.DGN



SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1000	1699	2	2

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

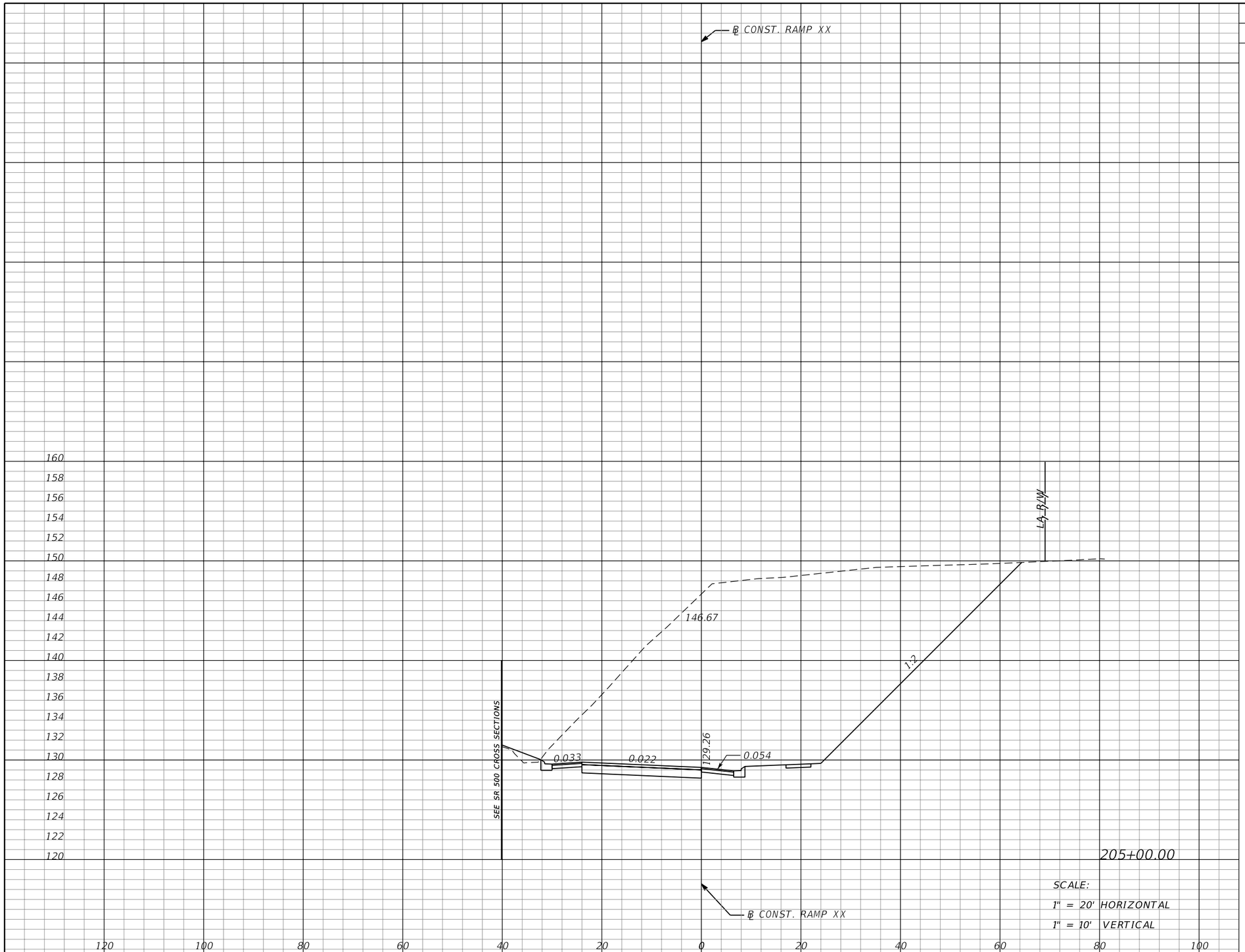
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO. 352

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

jcapra 3/28/2016 10:20:34 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD03.DGN



SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1171	2010	4	6

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

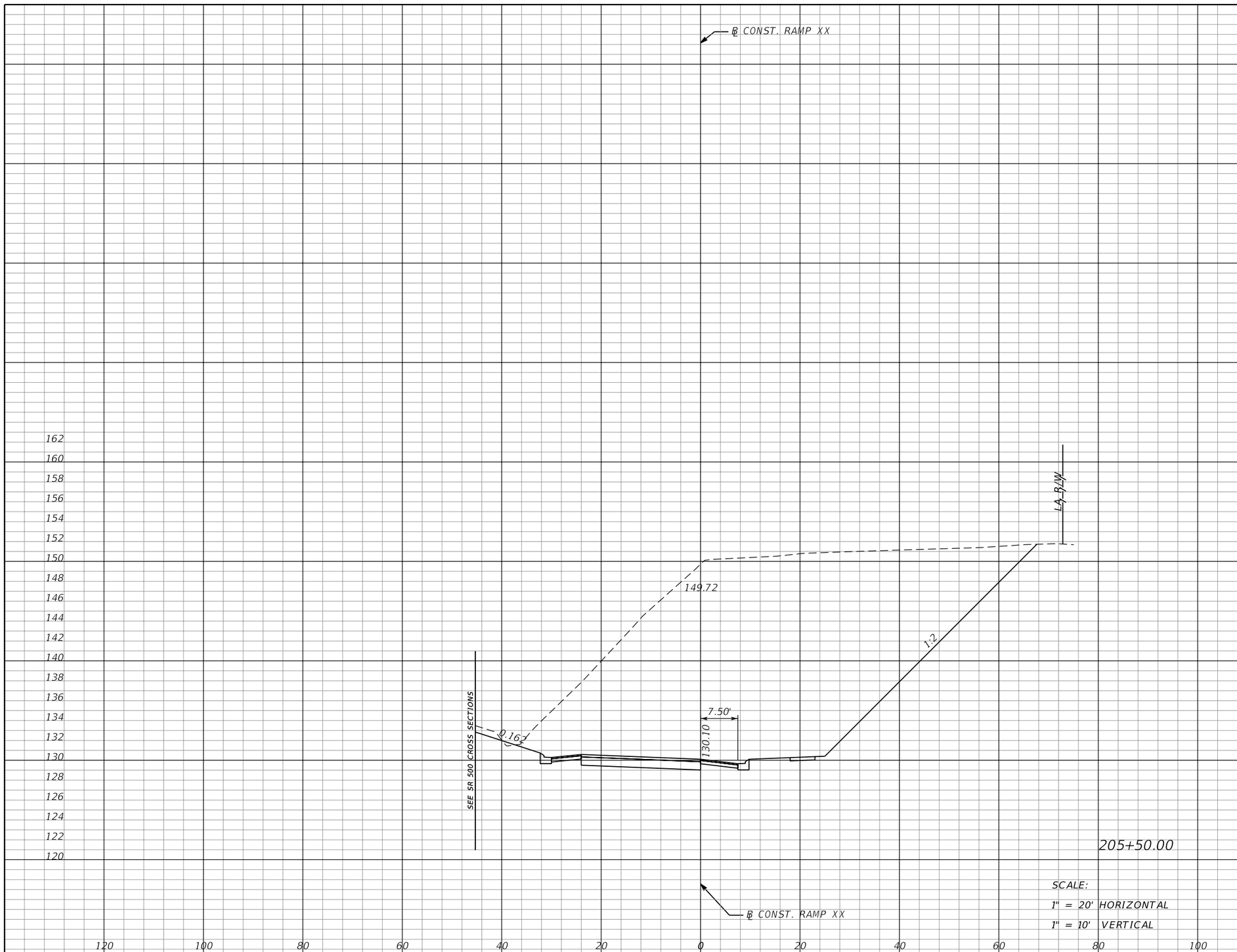
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO. 353

jcapra 3/28/2016 10:20:35 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD03.DGN



SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1365	2348	1	5

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

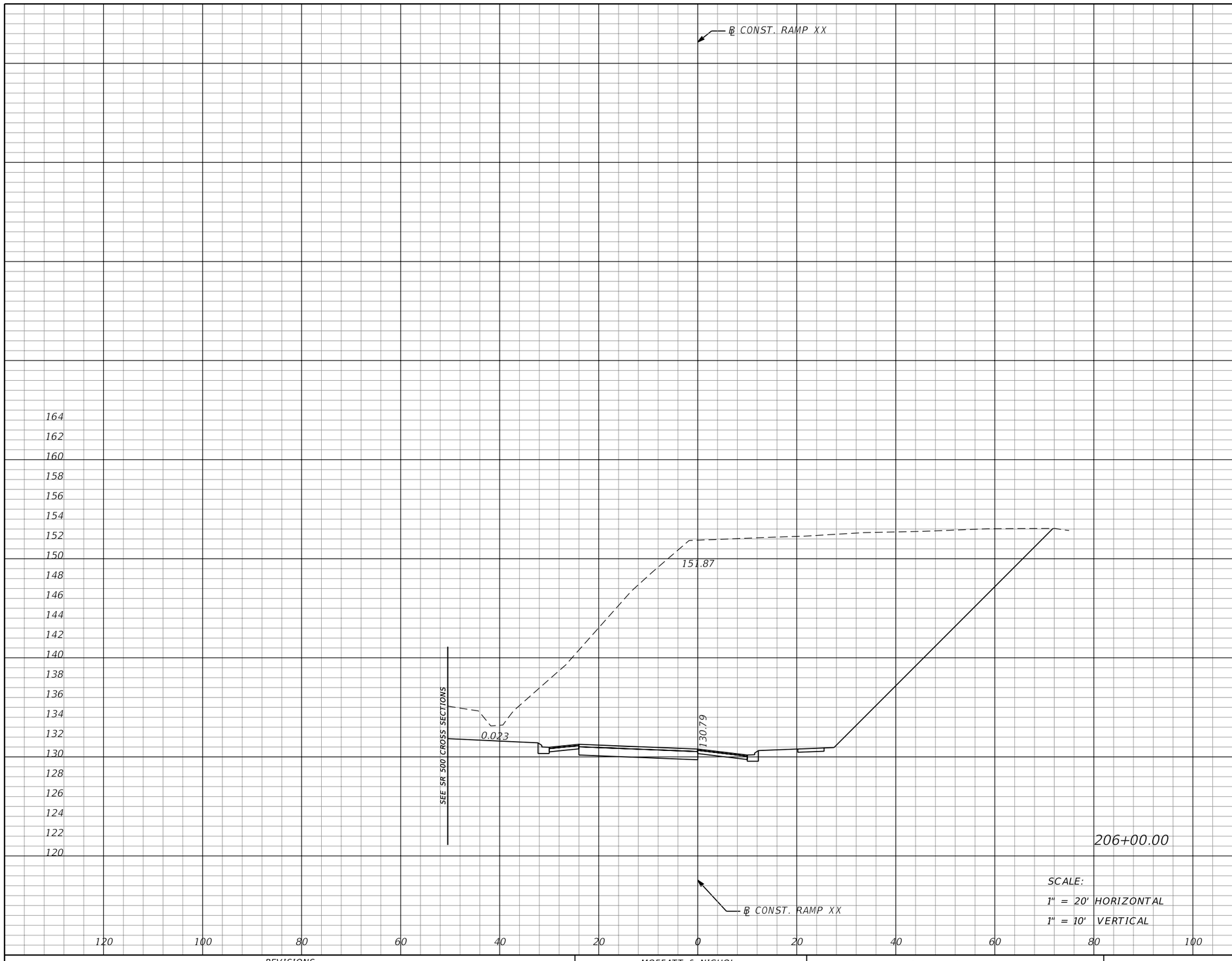
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO. 354

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

jcapra 3/28/2016 10:20:36 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD03.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1611	2756	0	1

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

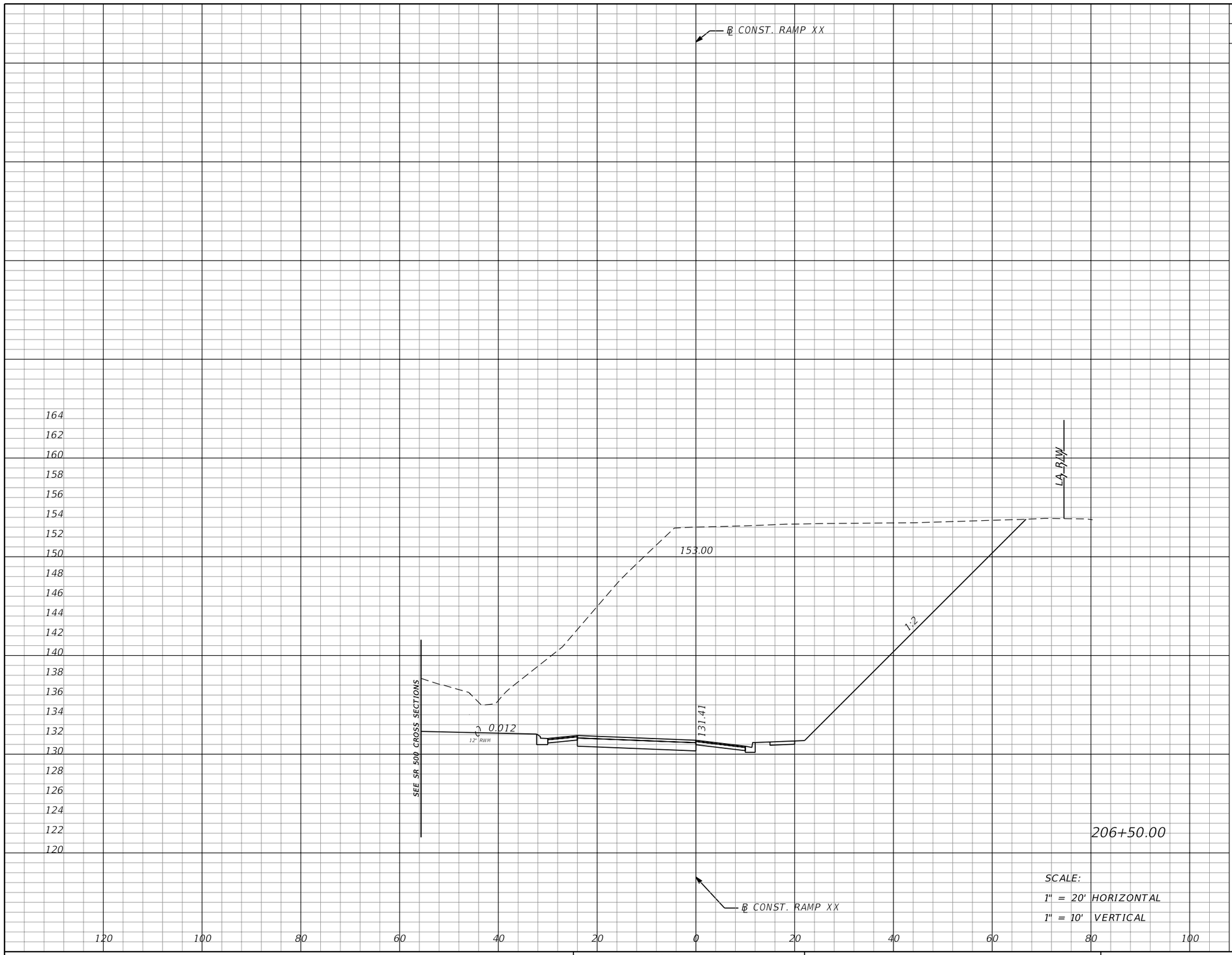
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO. 355



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1603	2976	0	0

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

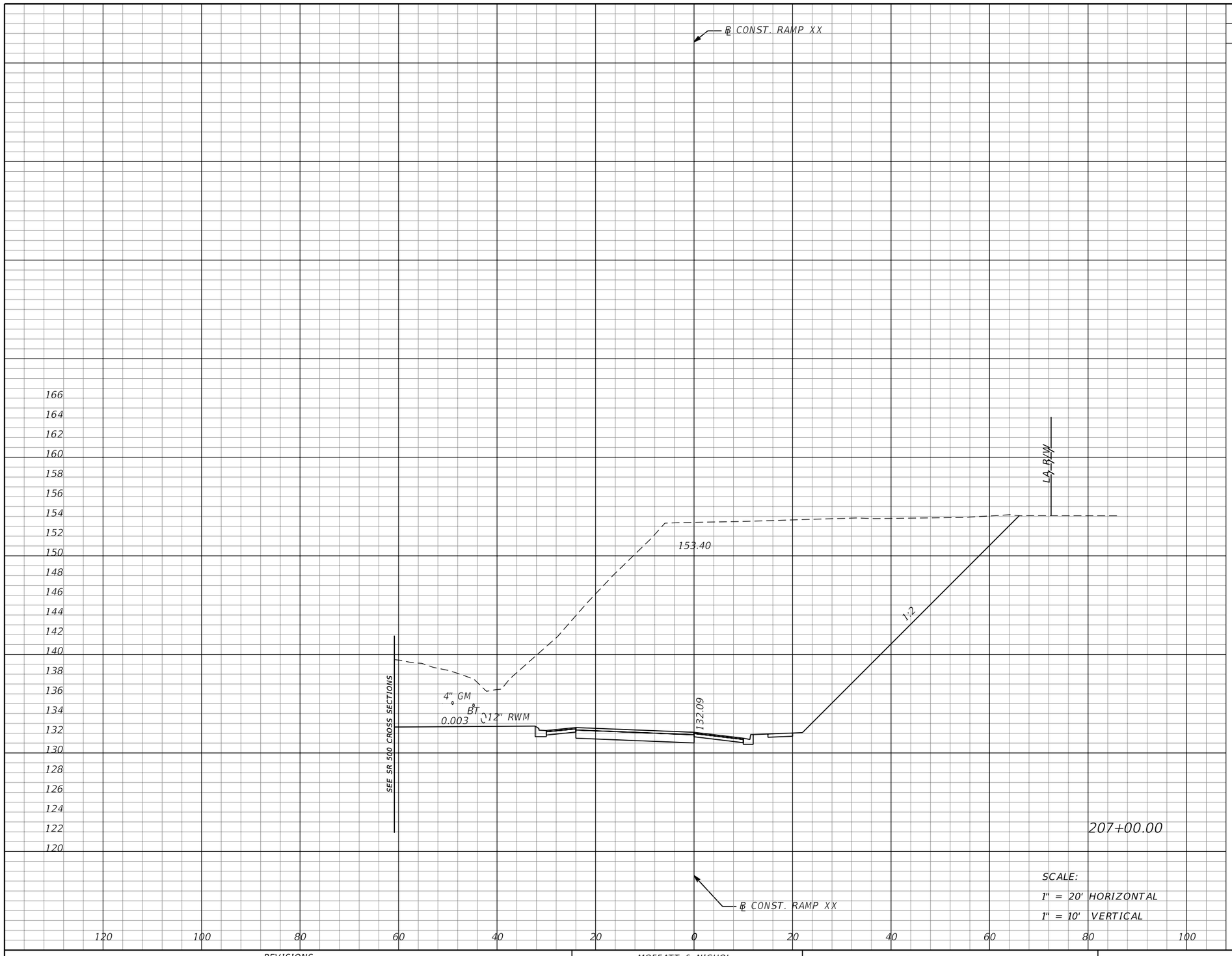
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO. 356



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1644	3006	0	0

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

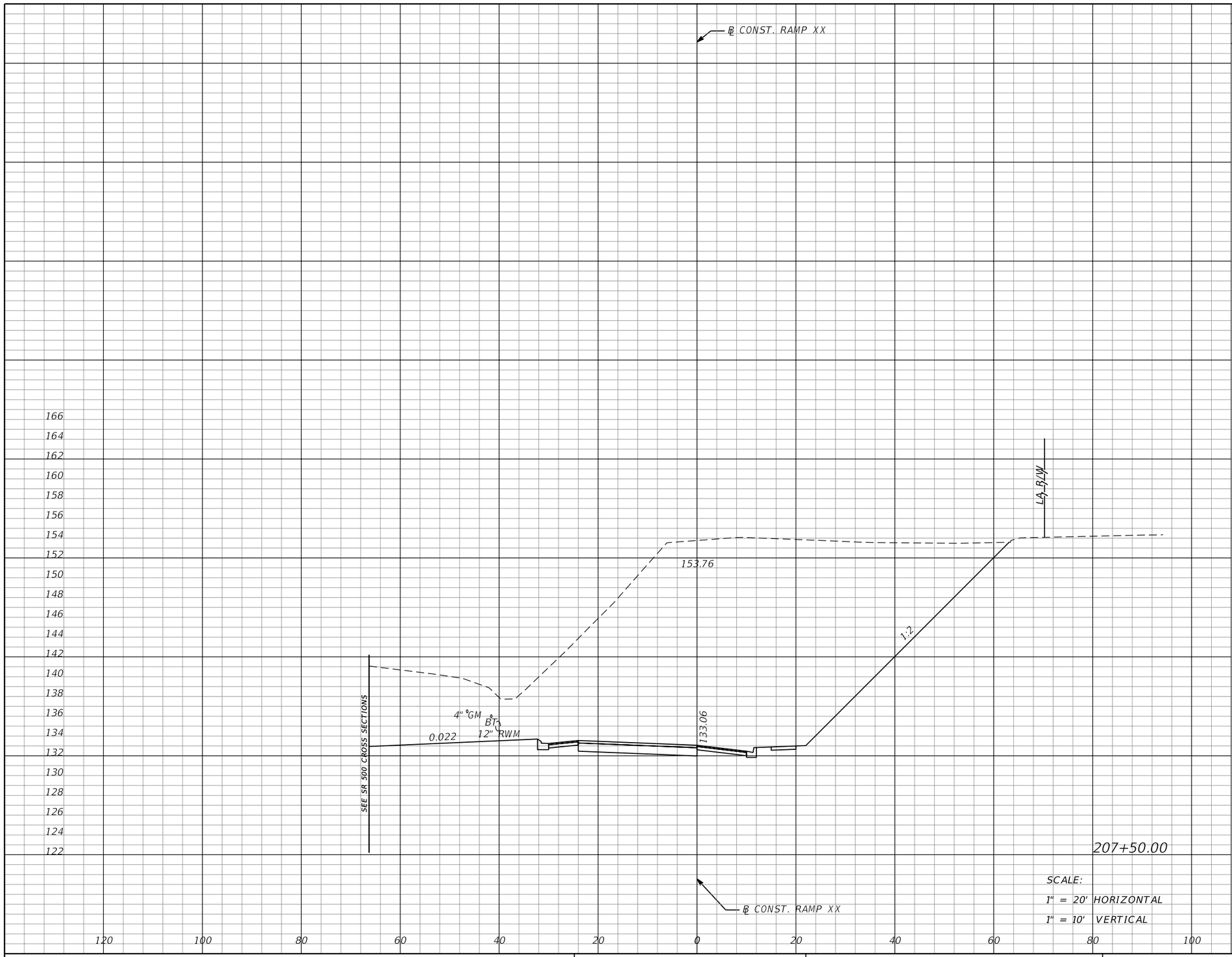
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO. 357

jcapra 3/28/2016 10:20:38 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD03.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1609	3012	0	0

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

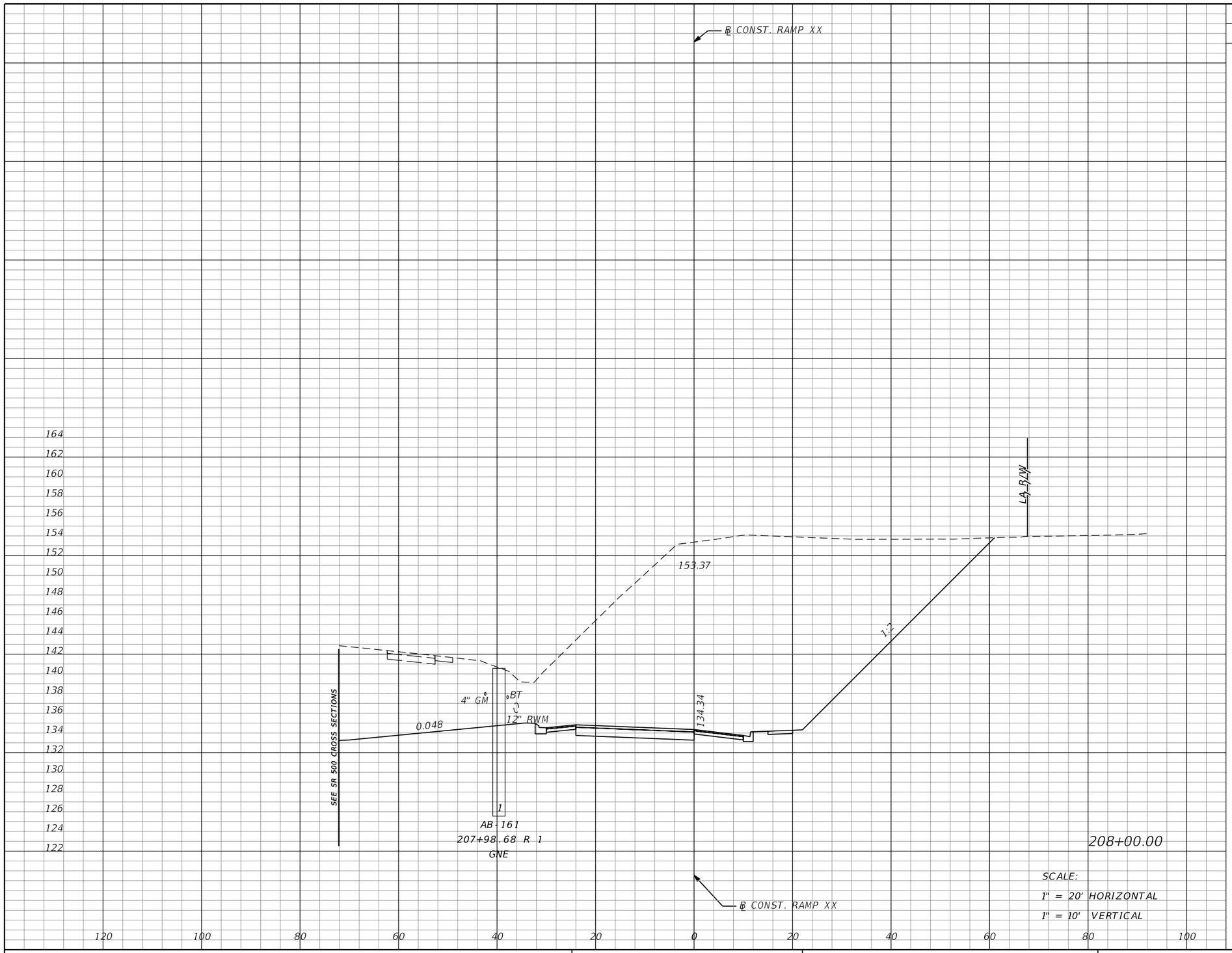
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO. 358

jcapra 3/28/2016 10:20:39 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD03.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1547	2922	0	0

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

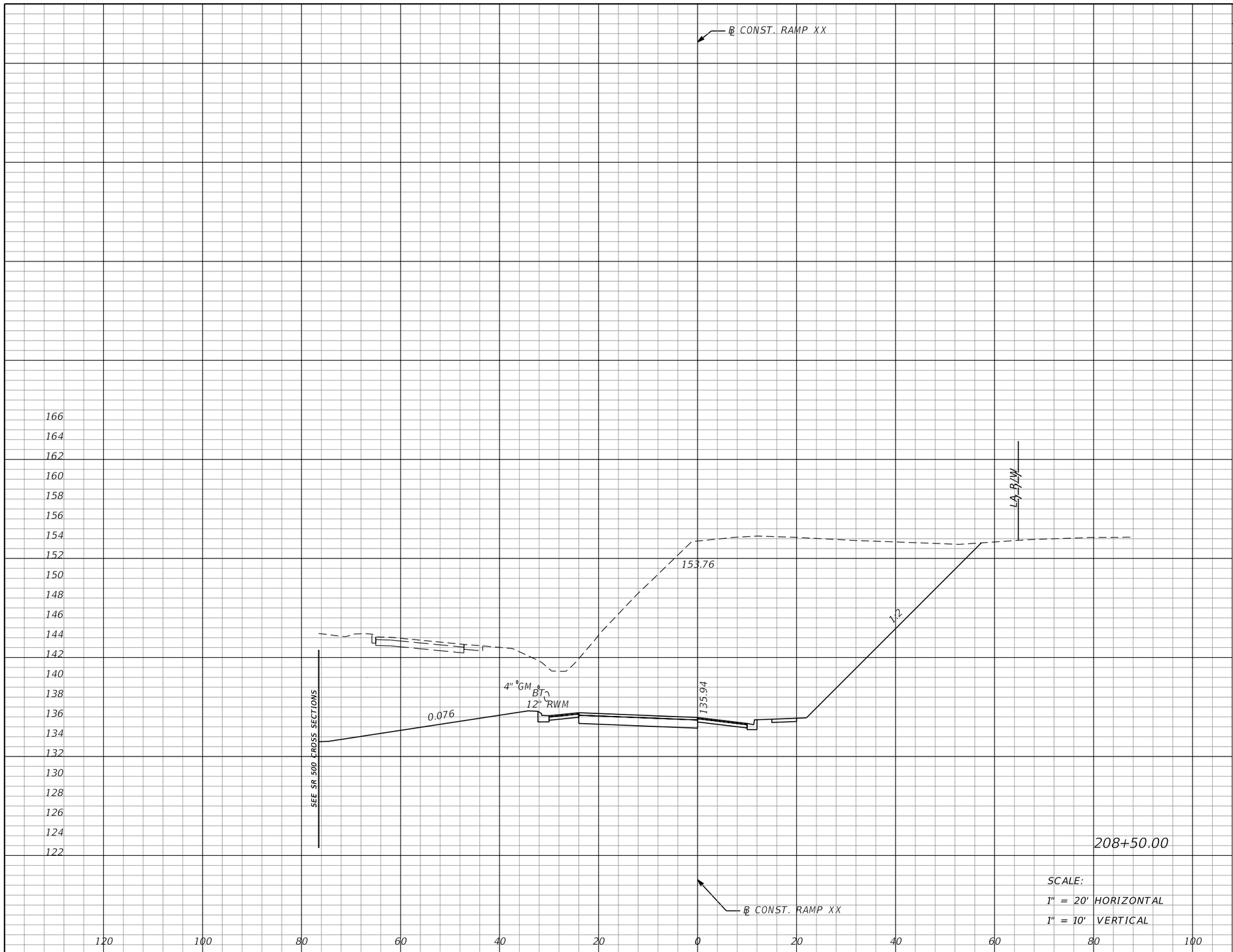
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO. 359

jcapra 3/28/2016 10:20:39 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD03.DGN



SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1466	2790	0	0

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

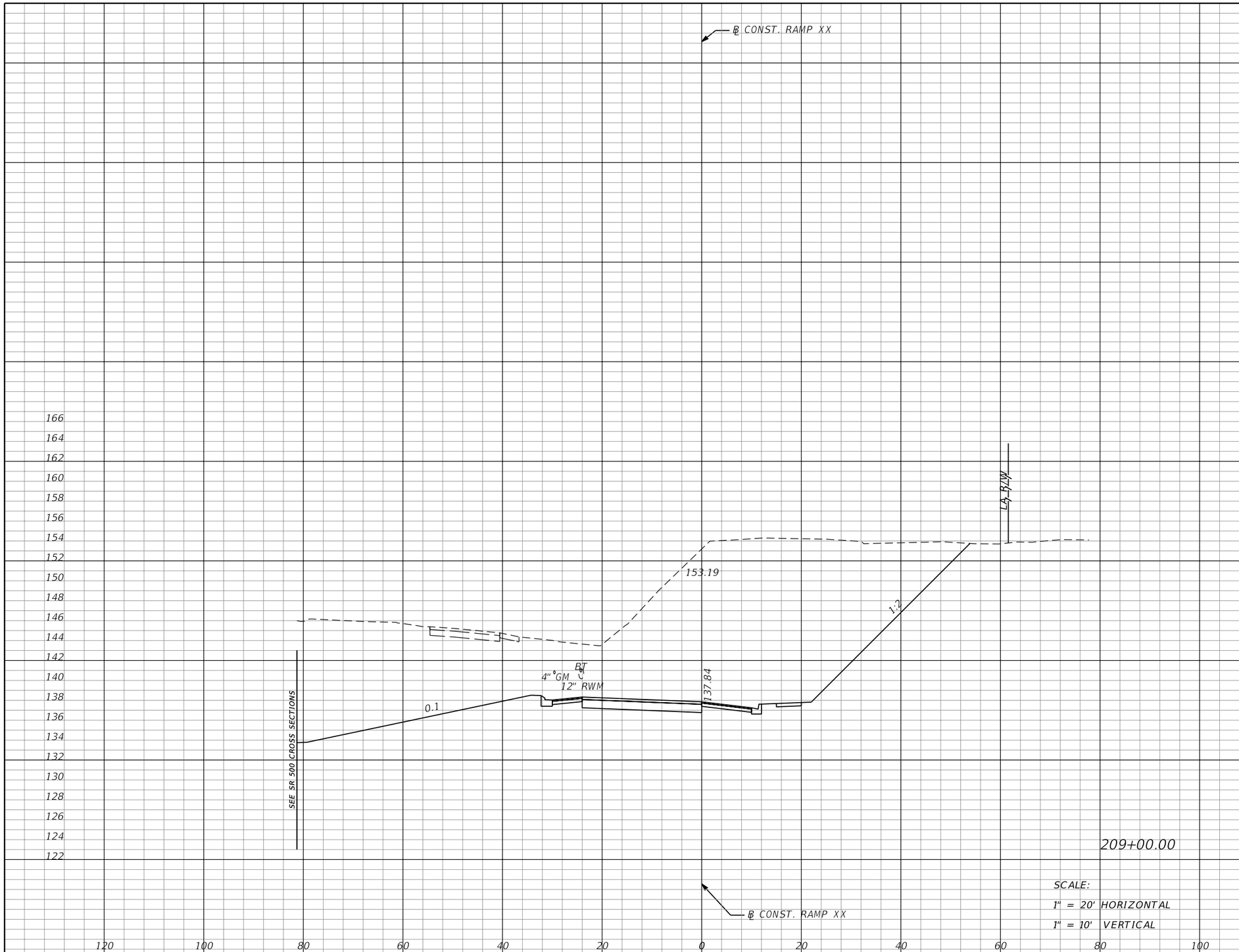
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO. 360



SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1388	2643	0	0

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

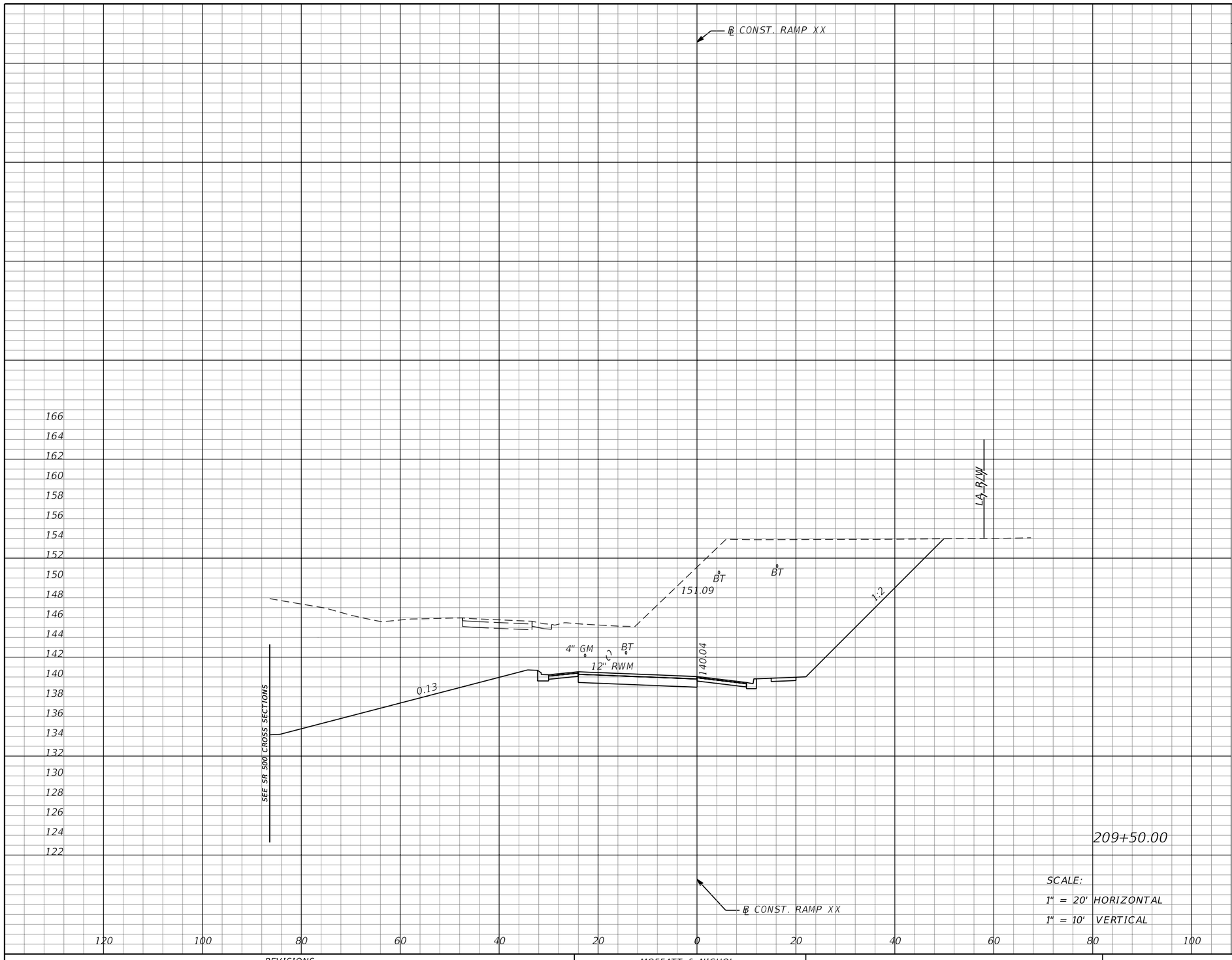
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO. 361

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

jcapra 3/28/2016 10:20:40 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD03.DGN



SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1204	2400	0	0

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

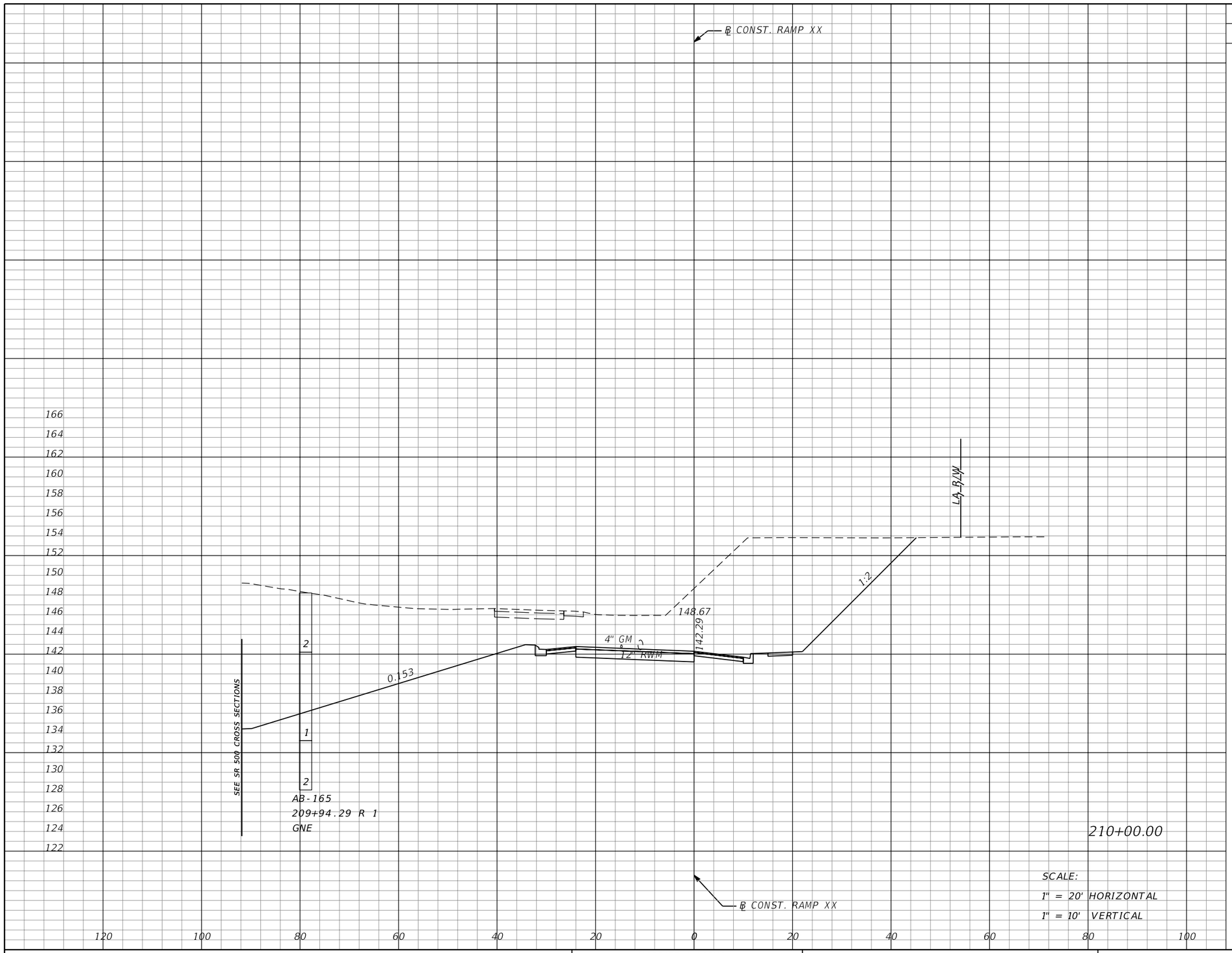
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO. 362

jcapra 3/28/2016 10:20:41 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD03.DGN

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1039	2077	0	0

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

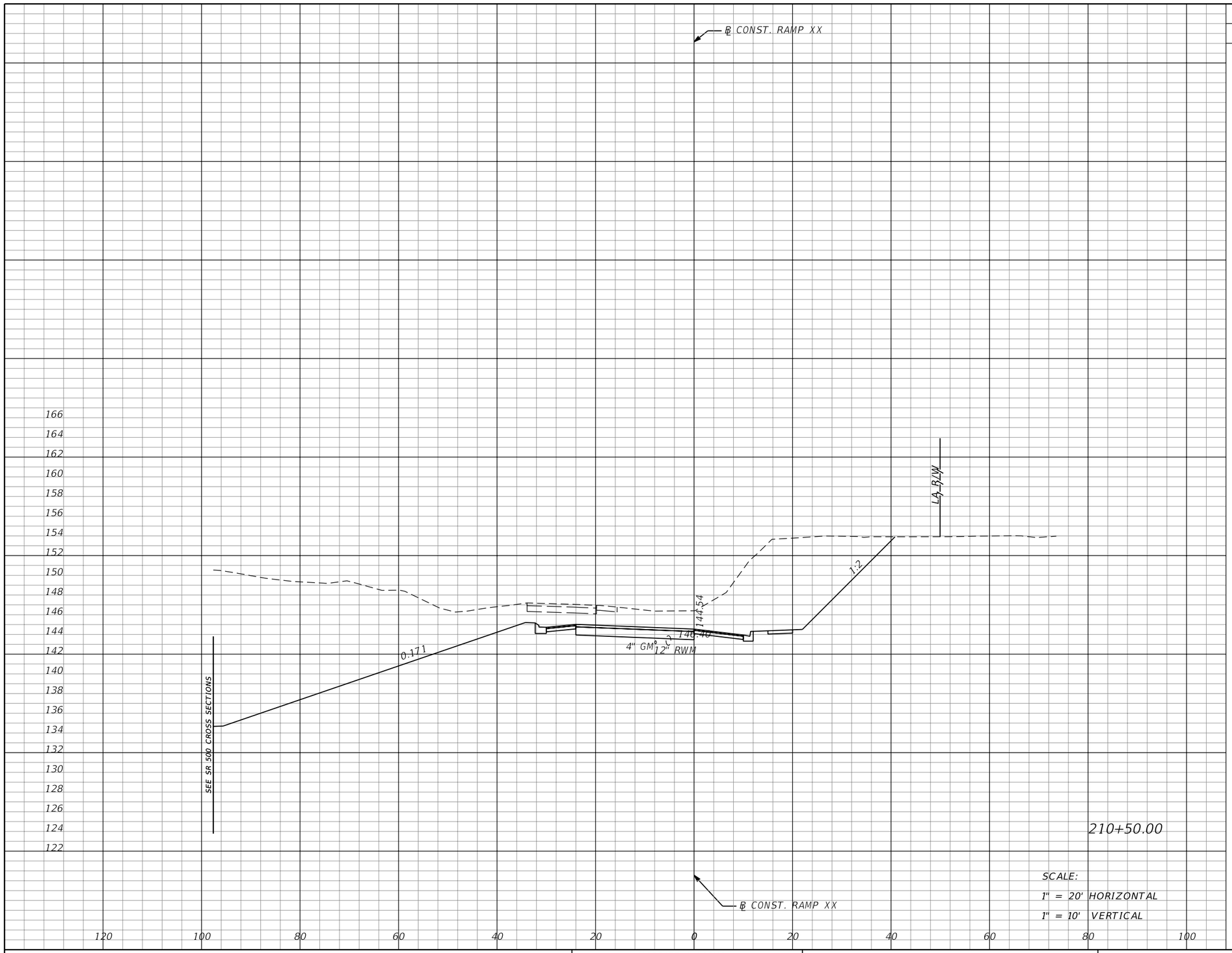
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO. 363

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

jcapra 3/28/2016 10:20:42 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD03.DGN



SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	884	1781	0	0

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

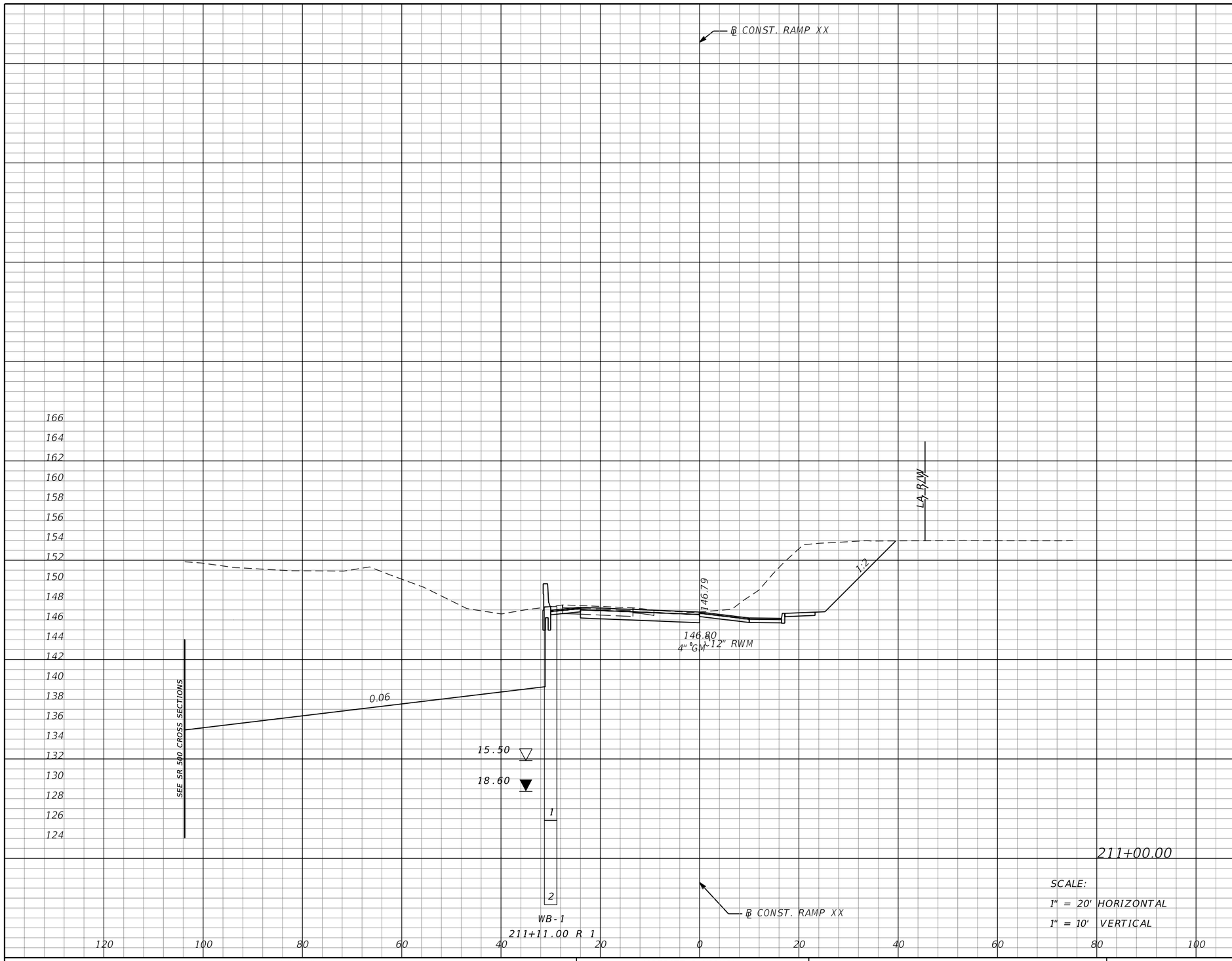
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO. 364



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1097	1834	0	0

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

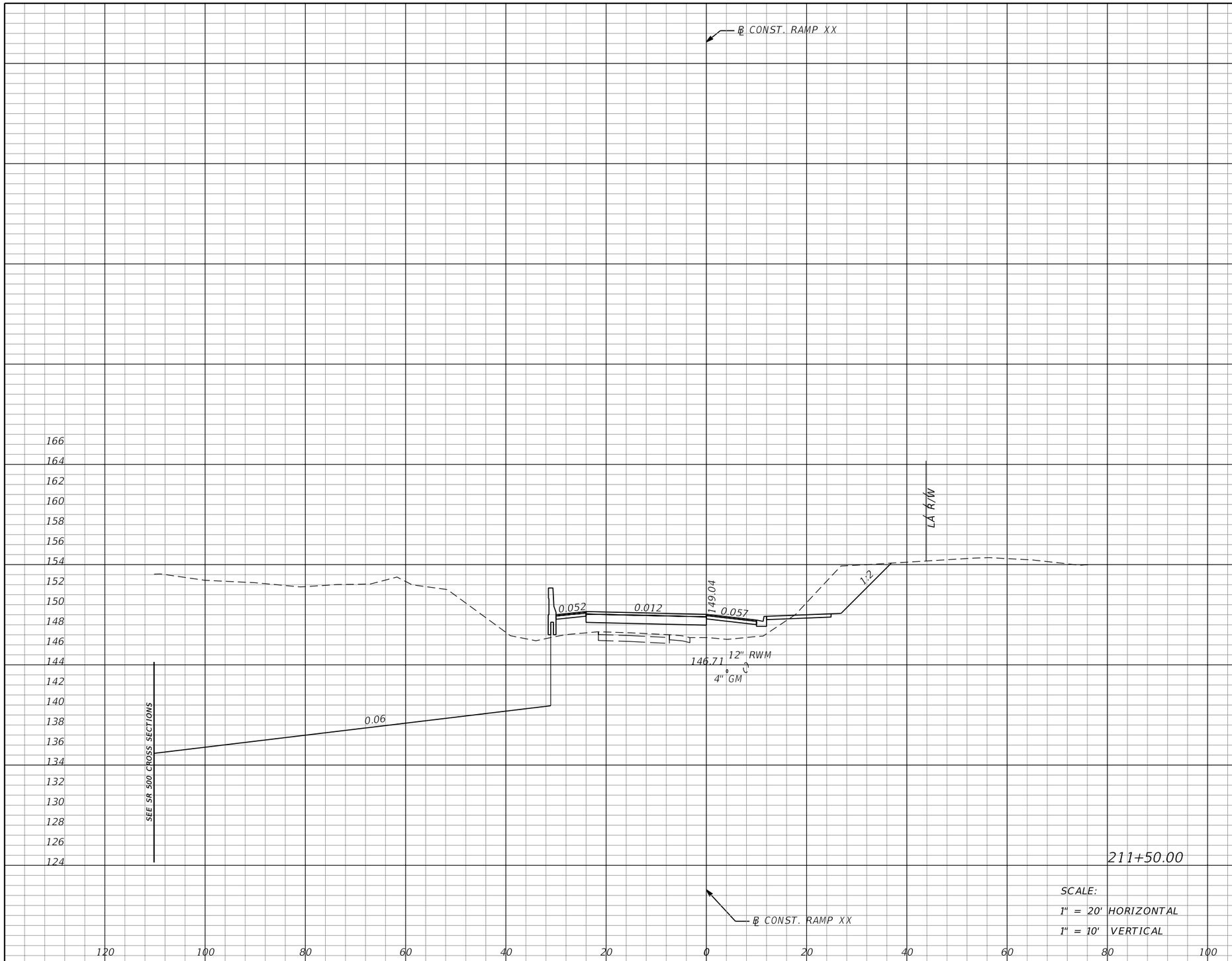
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO. 365

jcapra 3/28/2016 10:20:43 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD03.DGN



SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1126	2058	57	53

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

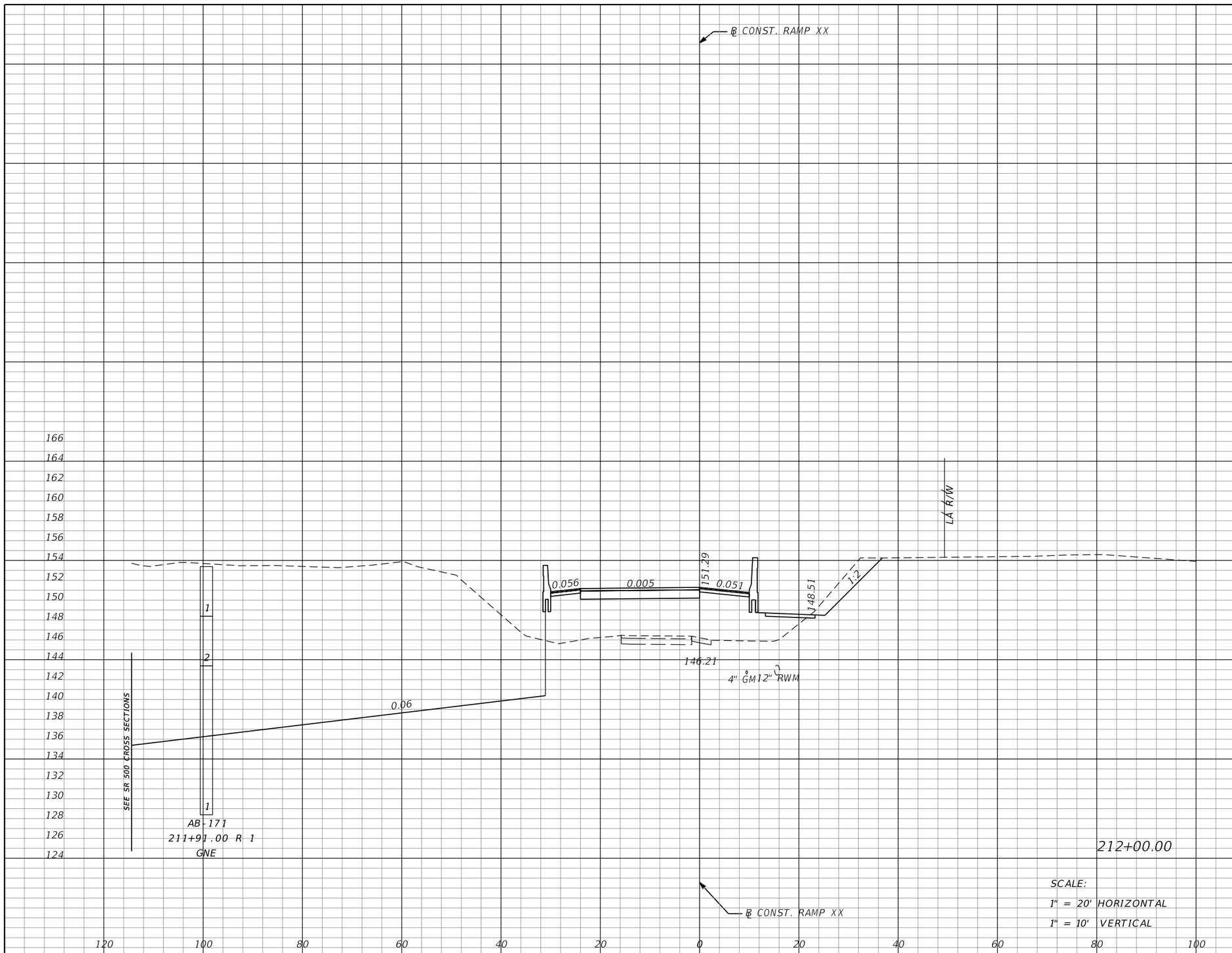
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO. 366

jcapra 3/28/2016 10:20:44 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD03.DGN

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1235	2186	193	231

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

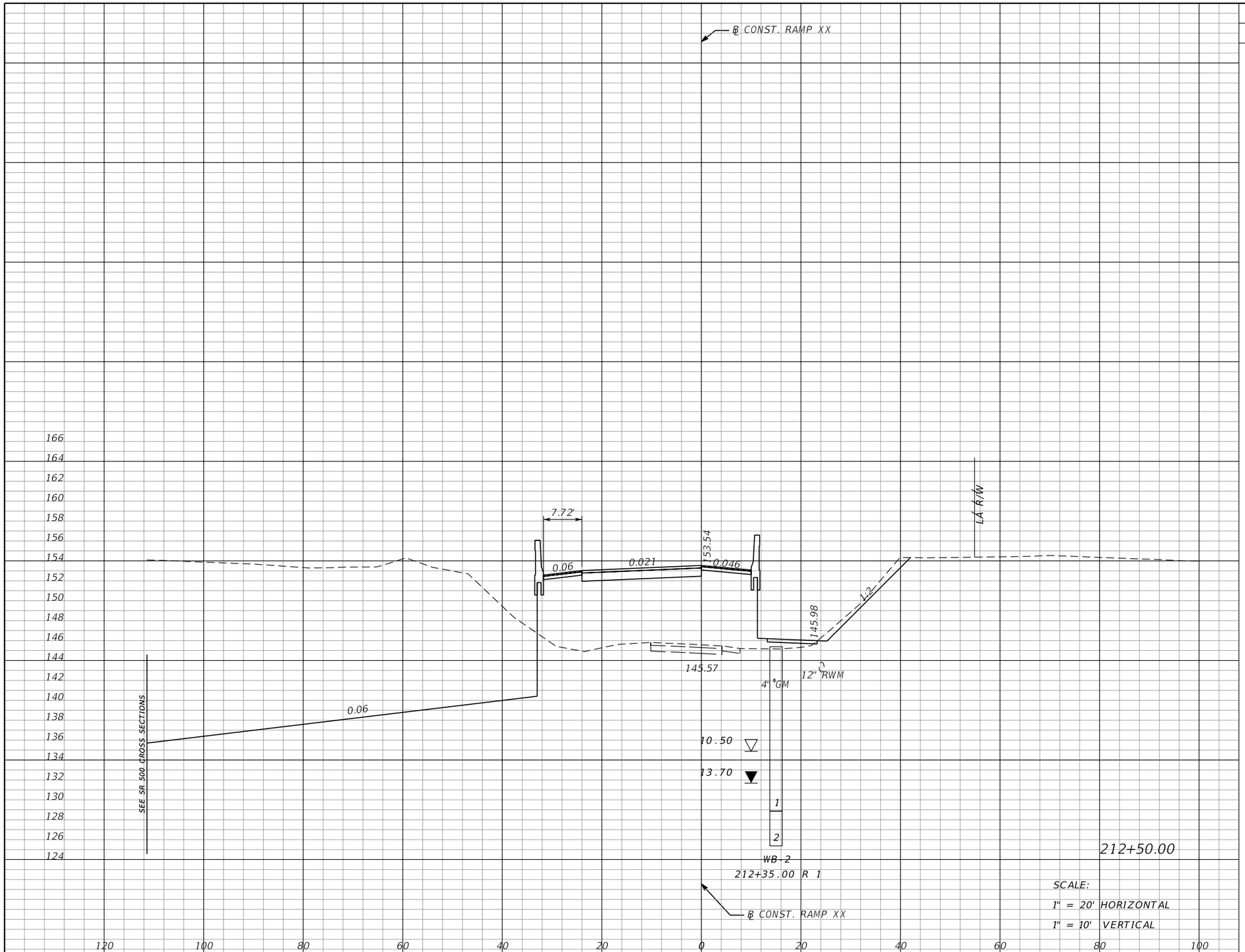
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO. 367

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

jcapra 3/28/2016 10:20:44 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD03.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1174	2231	309	465

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

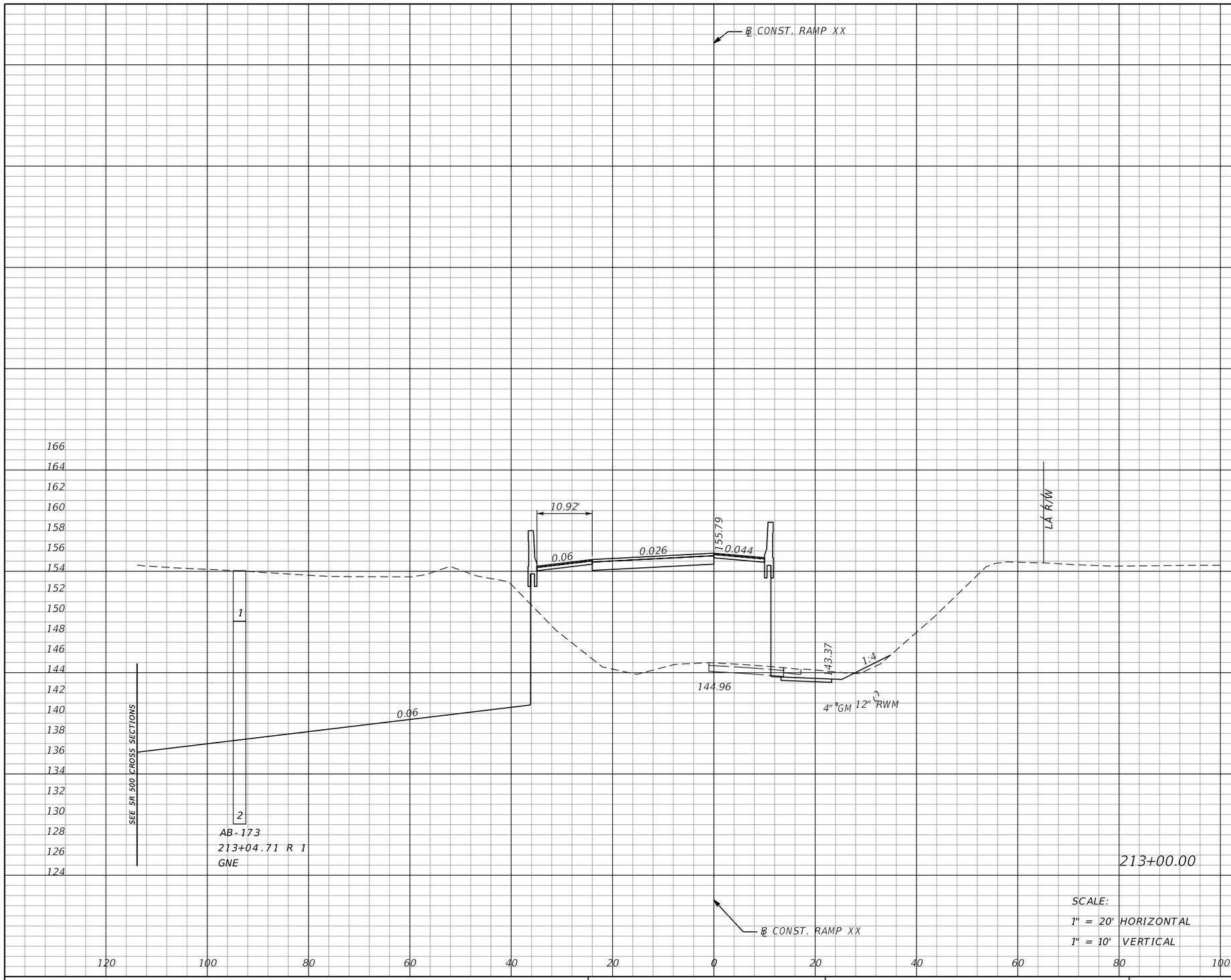
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO. 368

jcapra 3/28/2016 10:20:45 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD03.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1200	2198	432	686

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

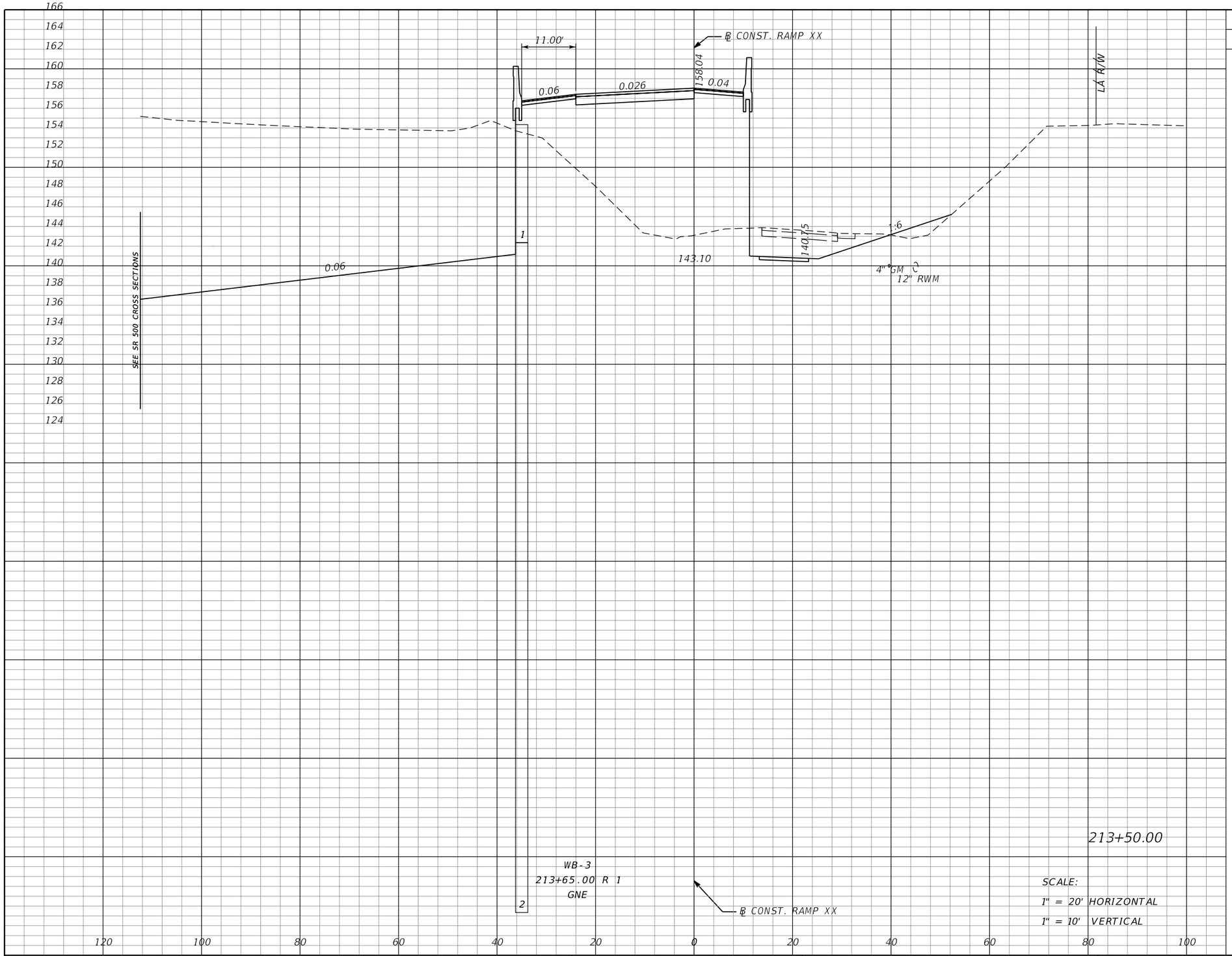
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO. 369

jcapra 3/28/2016 10:20:46 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD03.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1231	2251	493	856

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

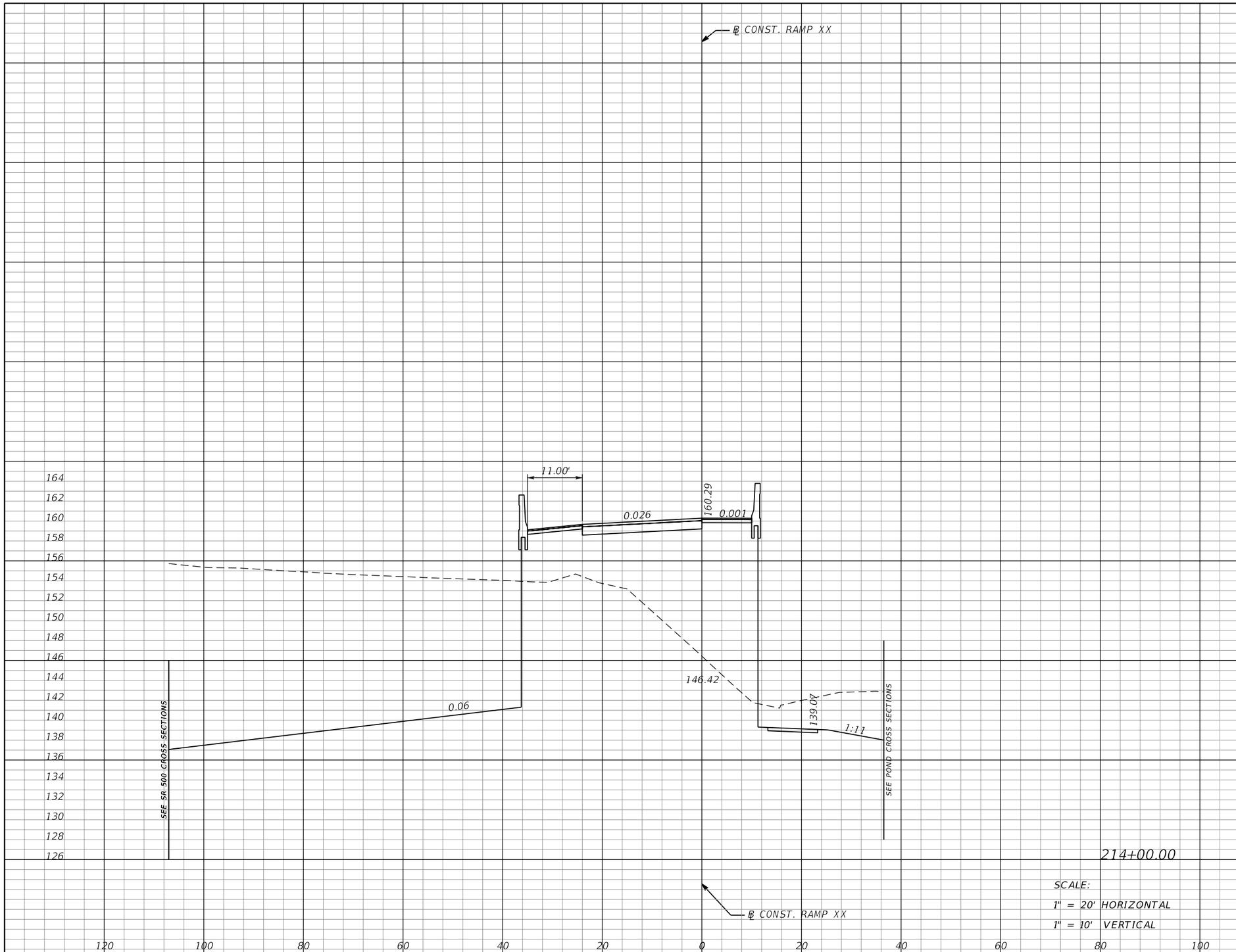
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO. 370

jcapra 3/28/2016 10:20:46 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD03.DGN



214+00.00

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1189	2241	419	844

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

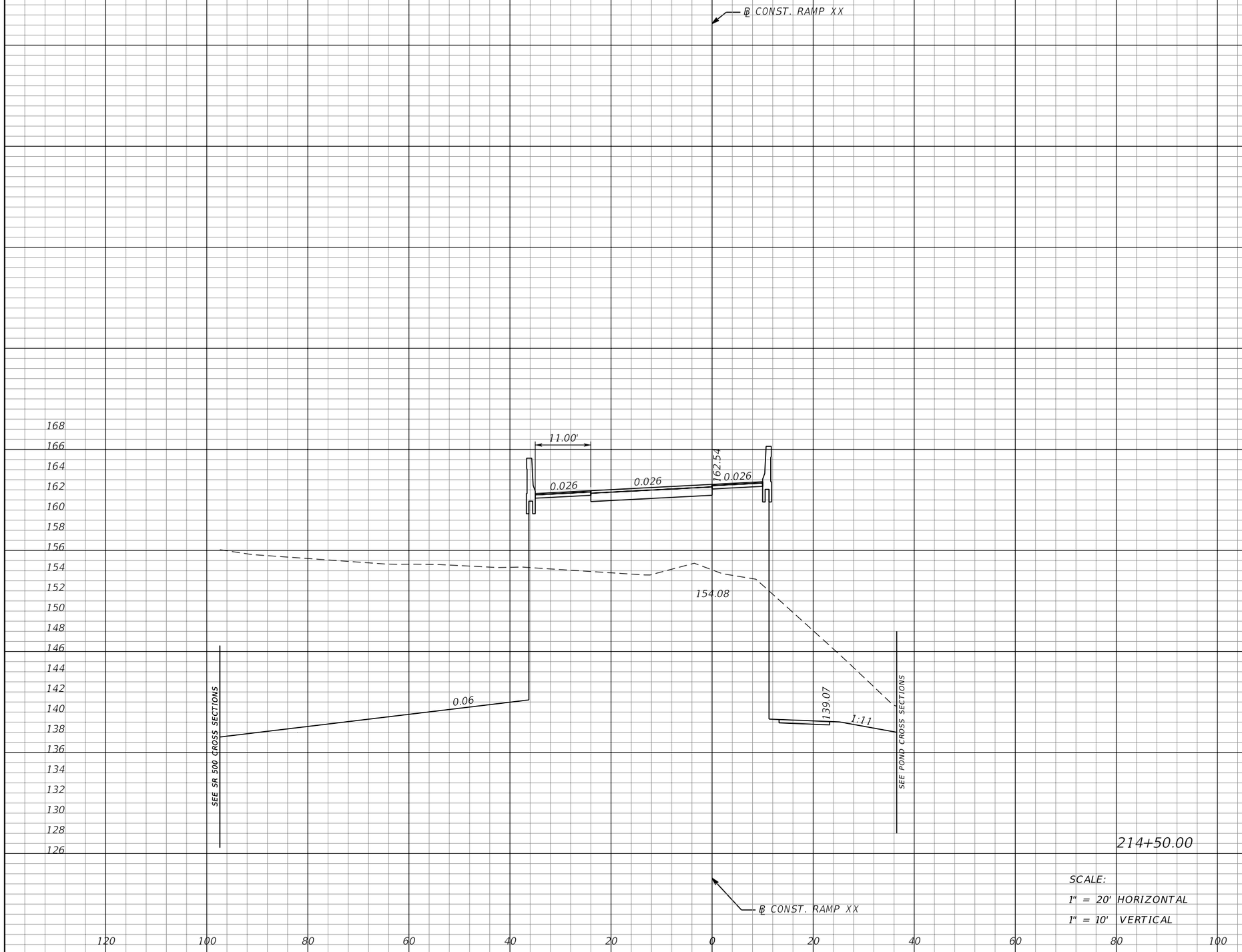
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO. 371



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1140	2156	358	719

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

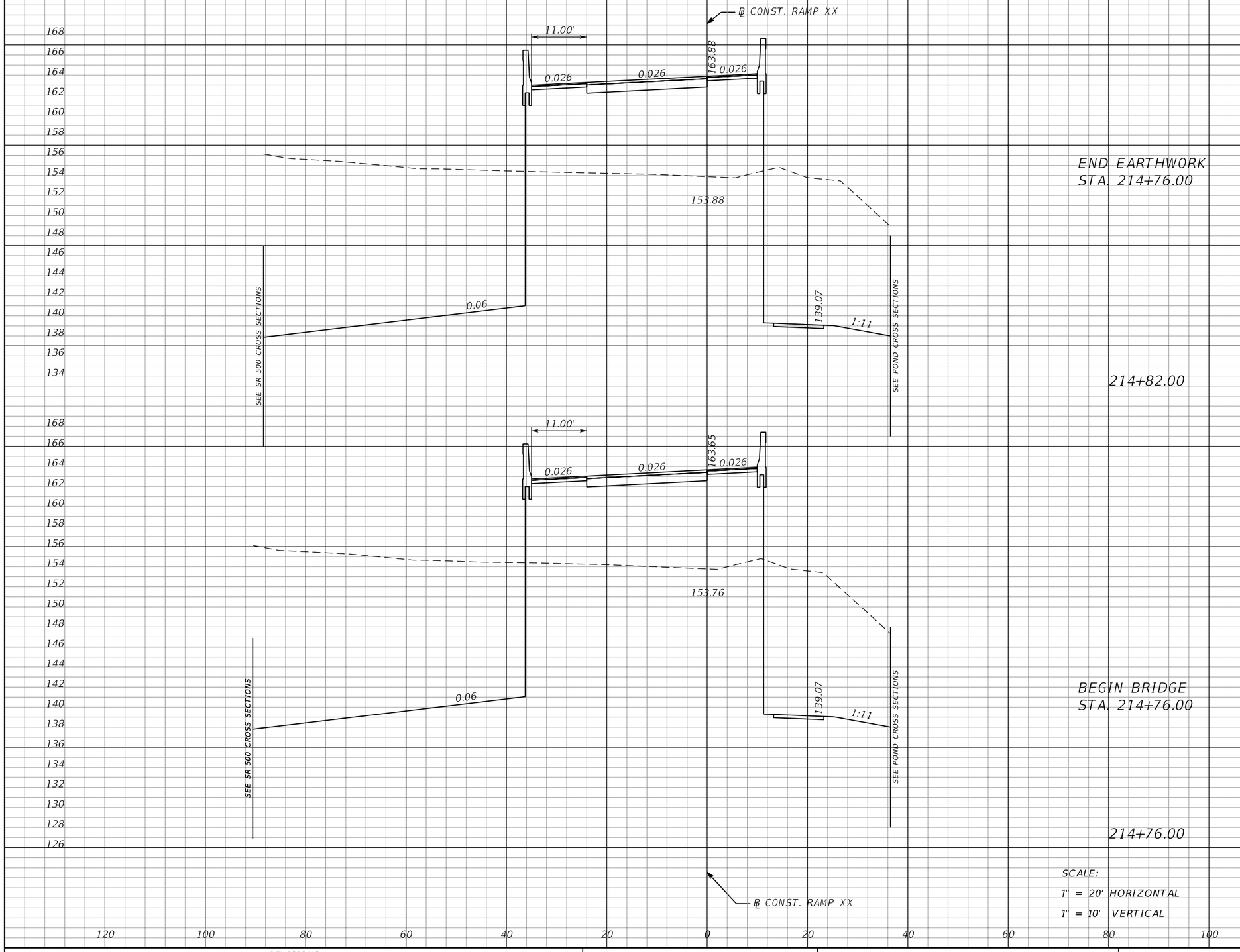
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO. 372



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1171	261	409	90
0	0	1181	1118	398	364

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

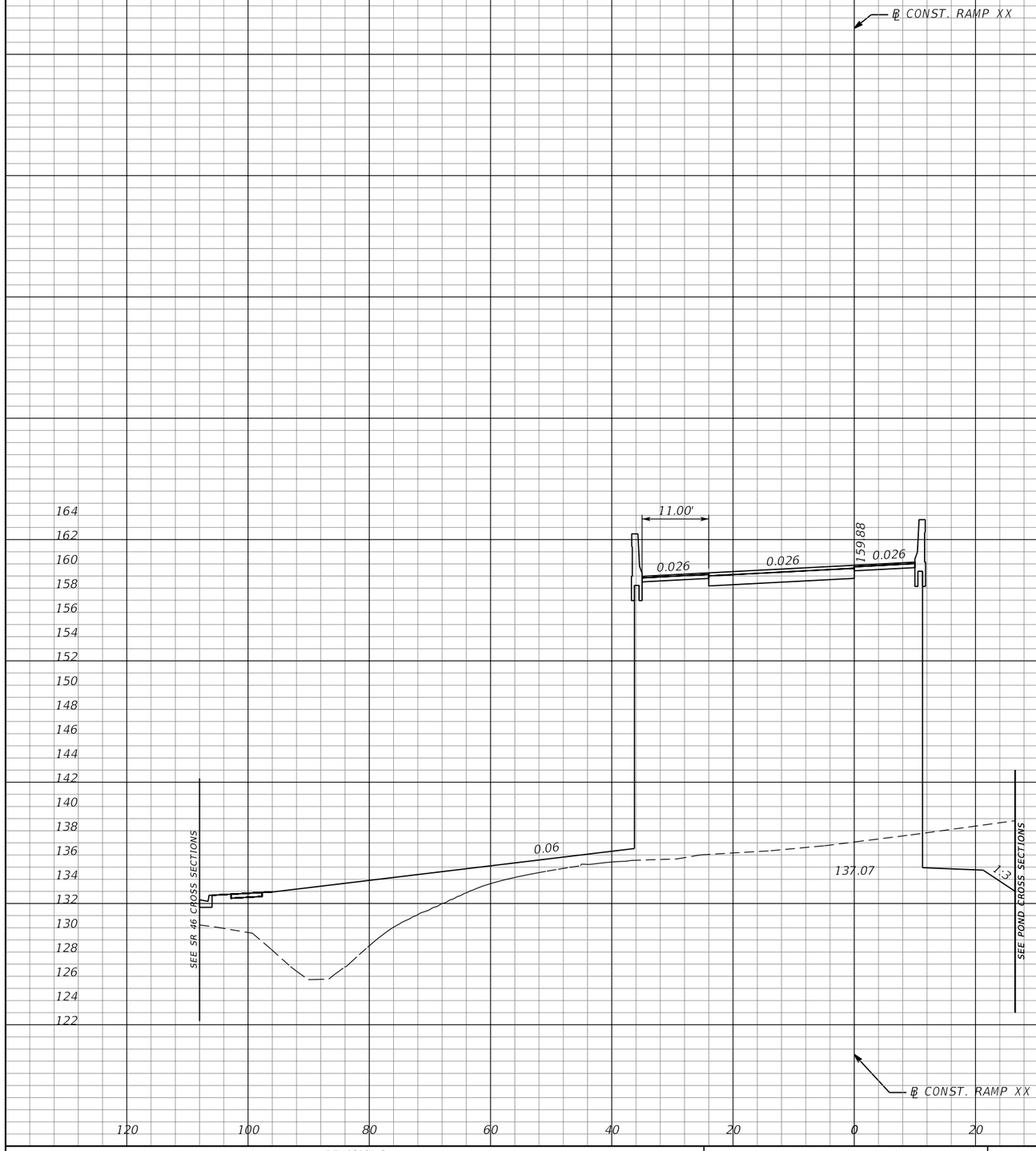
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO. 373

jcapra 3/28/2016 10:20:48 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD03.DGN



219+47.00

END BRIDGE
BEGIN EARTHWORK
STA. 219+47.00

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	58	0	1284	0

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

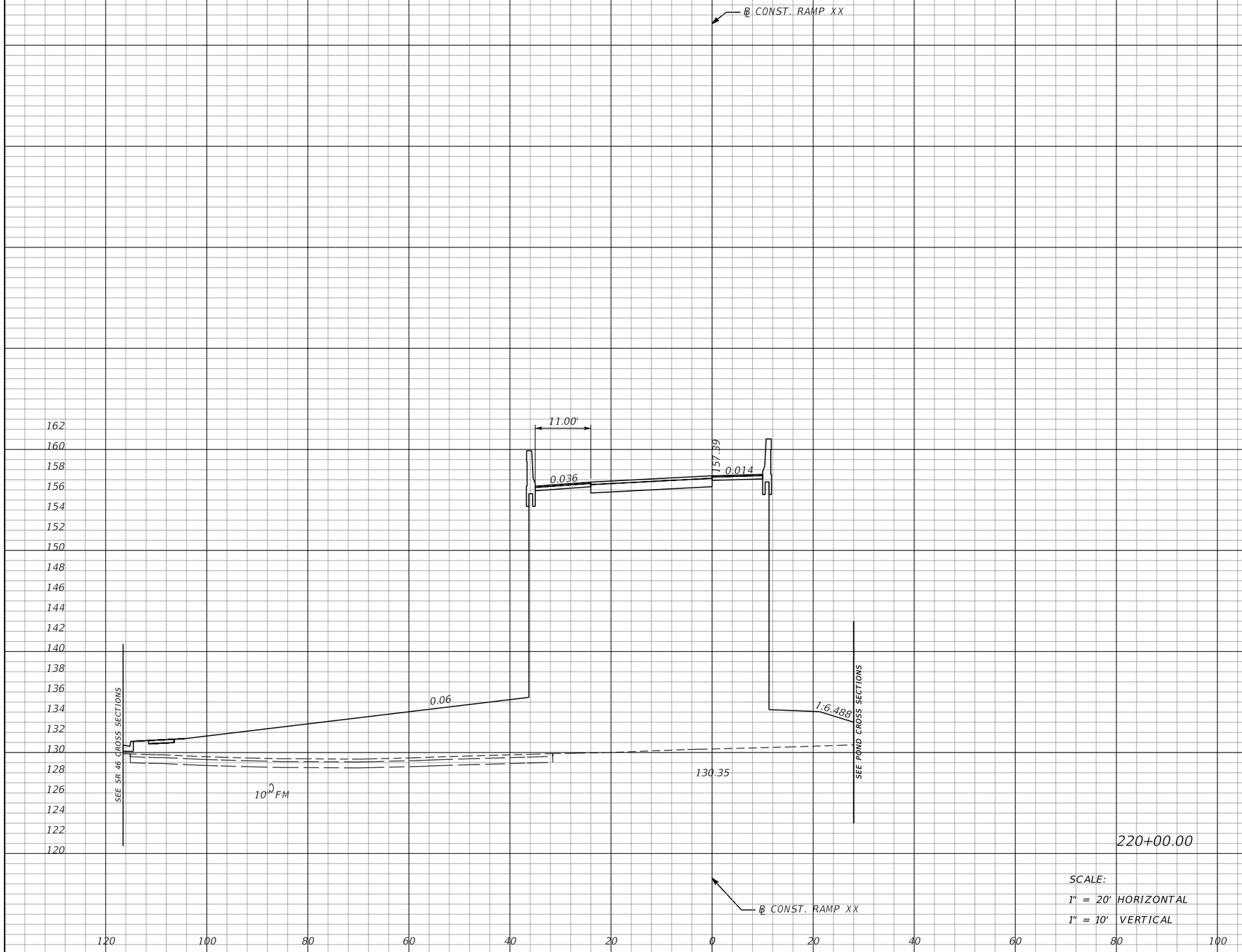
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO. 374

jcapra 3/28/2016 10:20:49 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD03.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	0	57	1573	2804

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

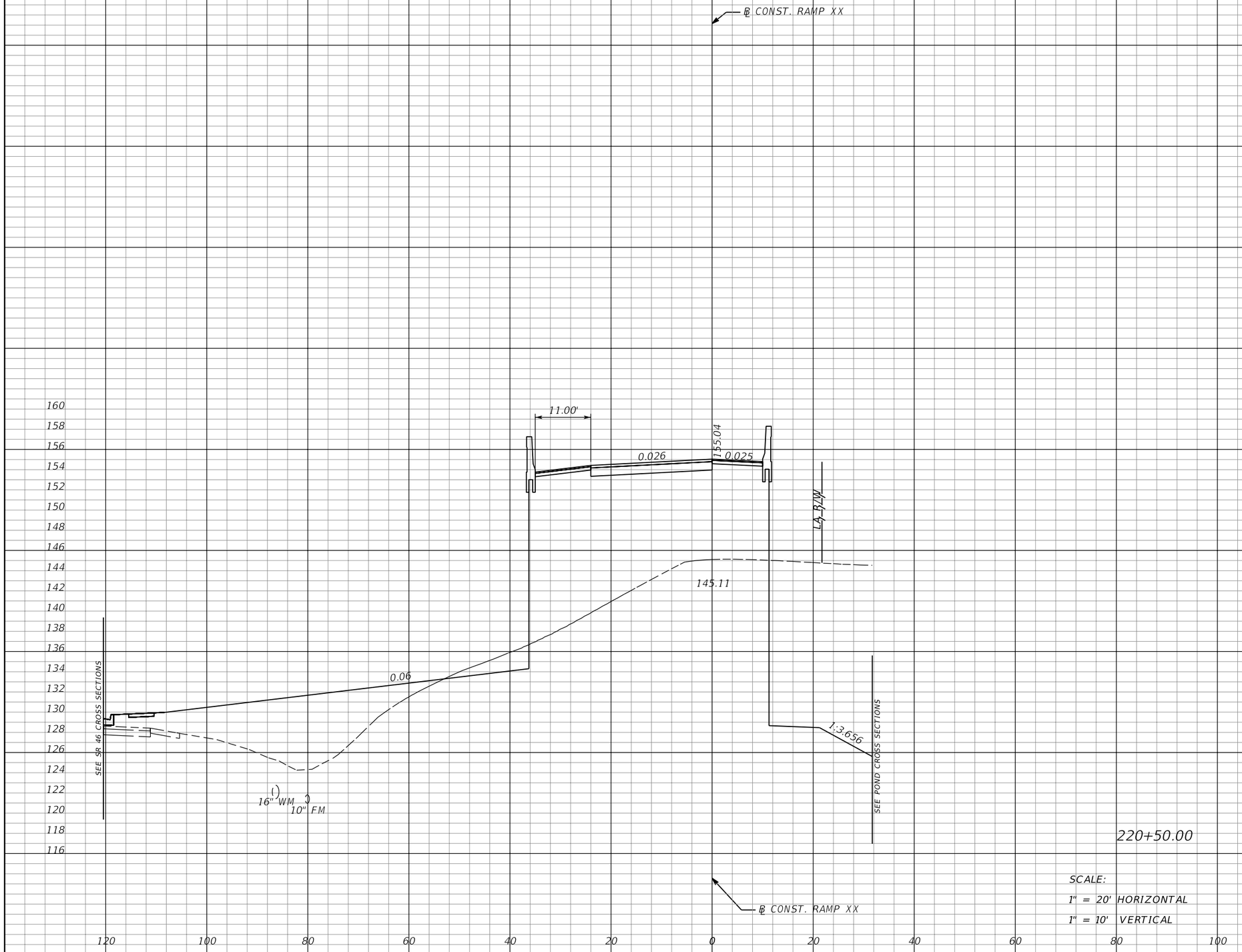
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO. 375



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	367	340	781	2180

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

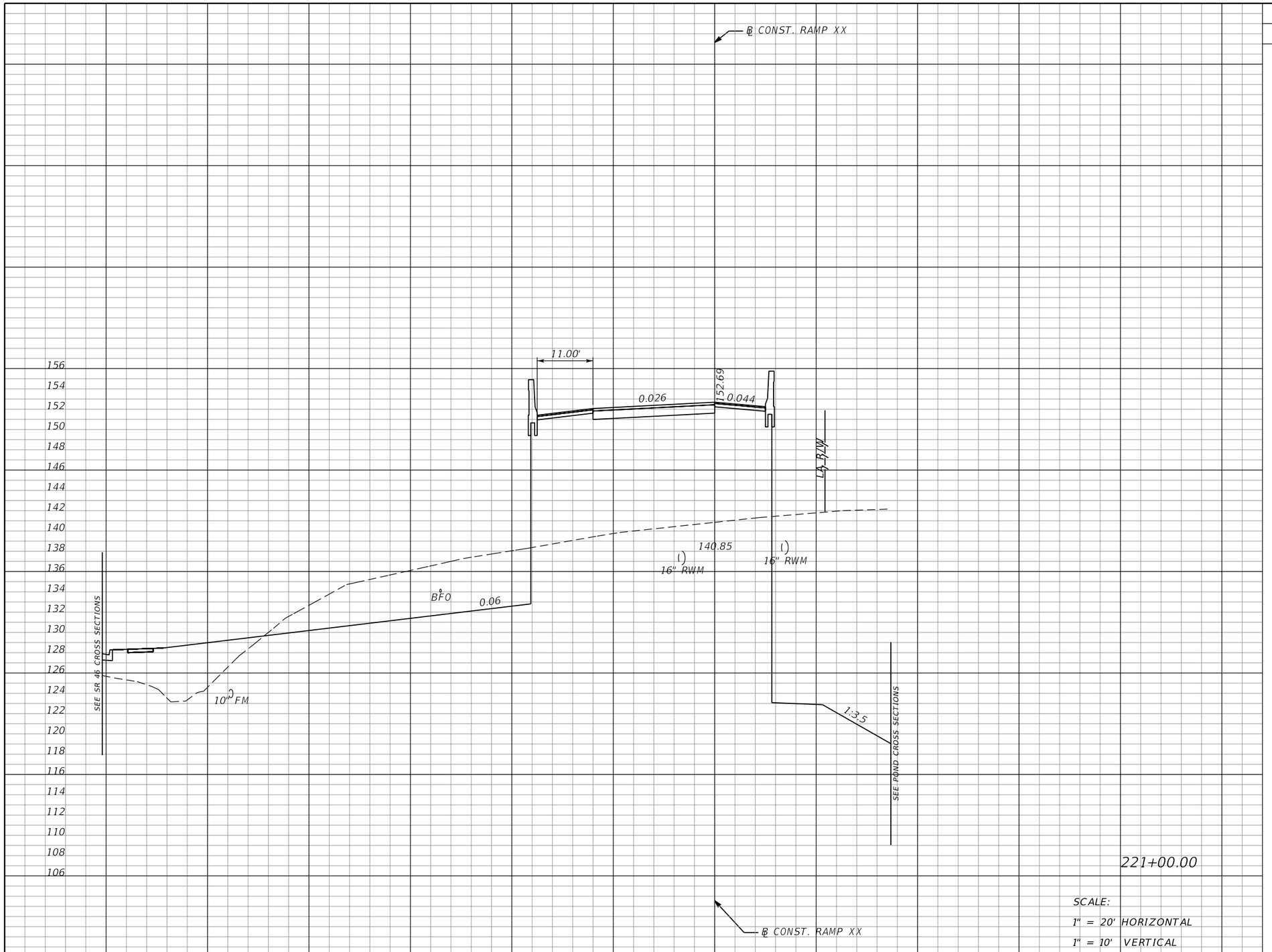
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO. 376



221+00.00

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	687	976	641	1317

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

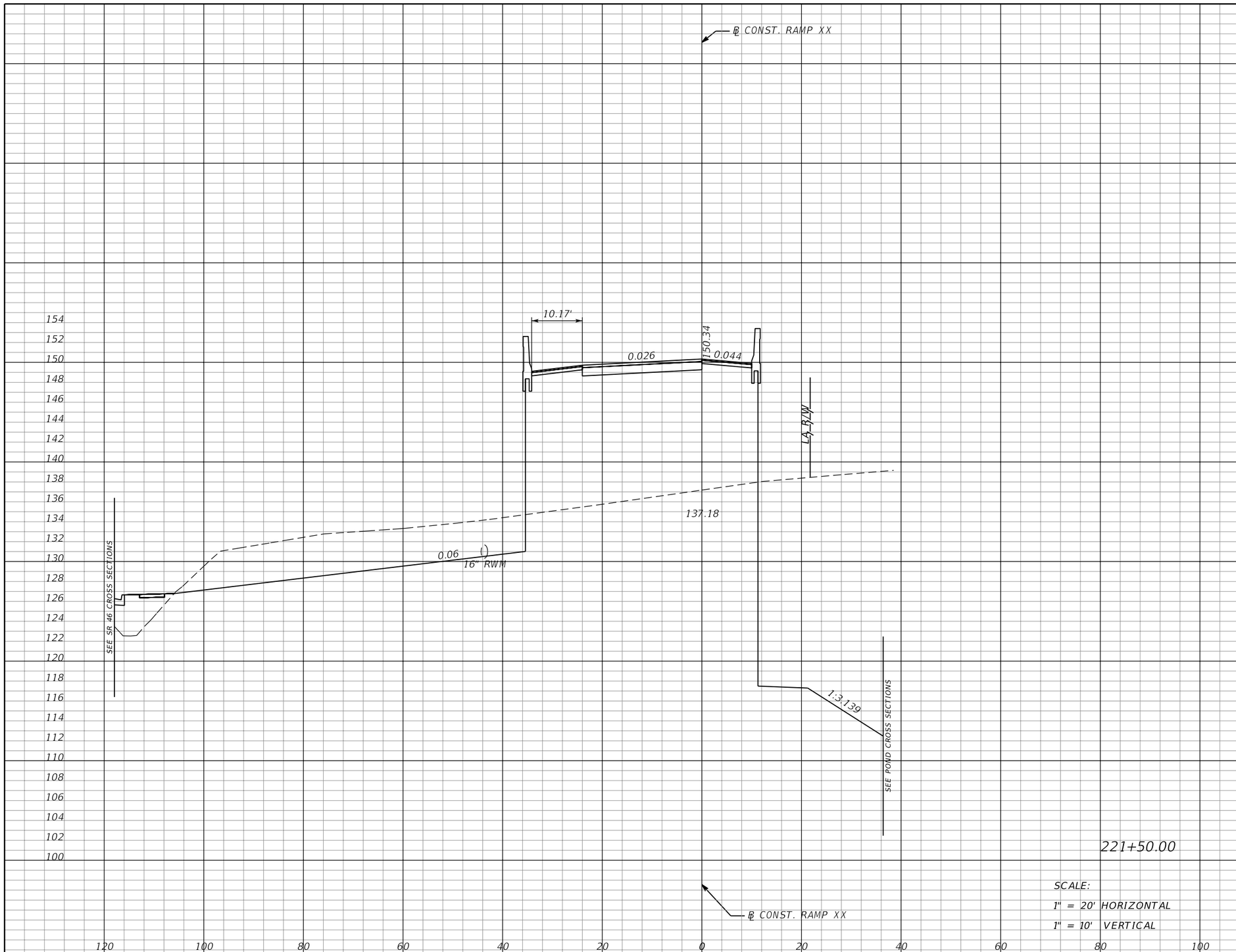
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO. 377

jcapra 3/28/2016 10:20:51 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD03.DGN



221+50.00

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	823	1398	624	1171

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

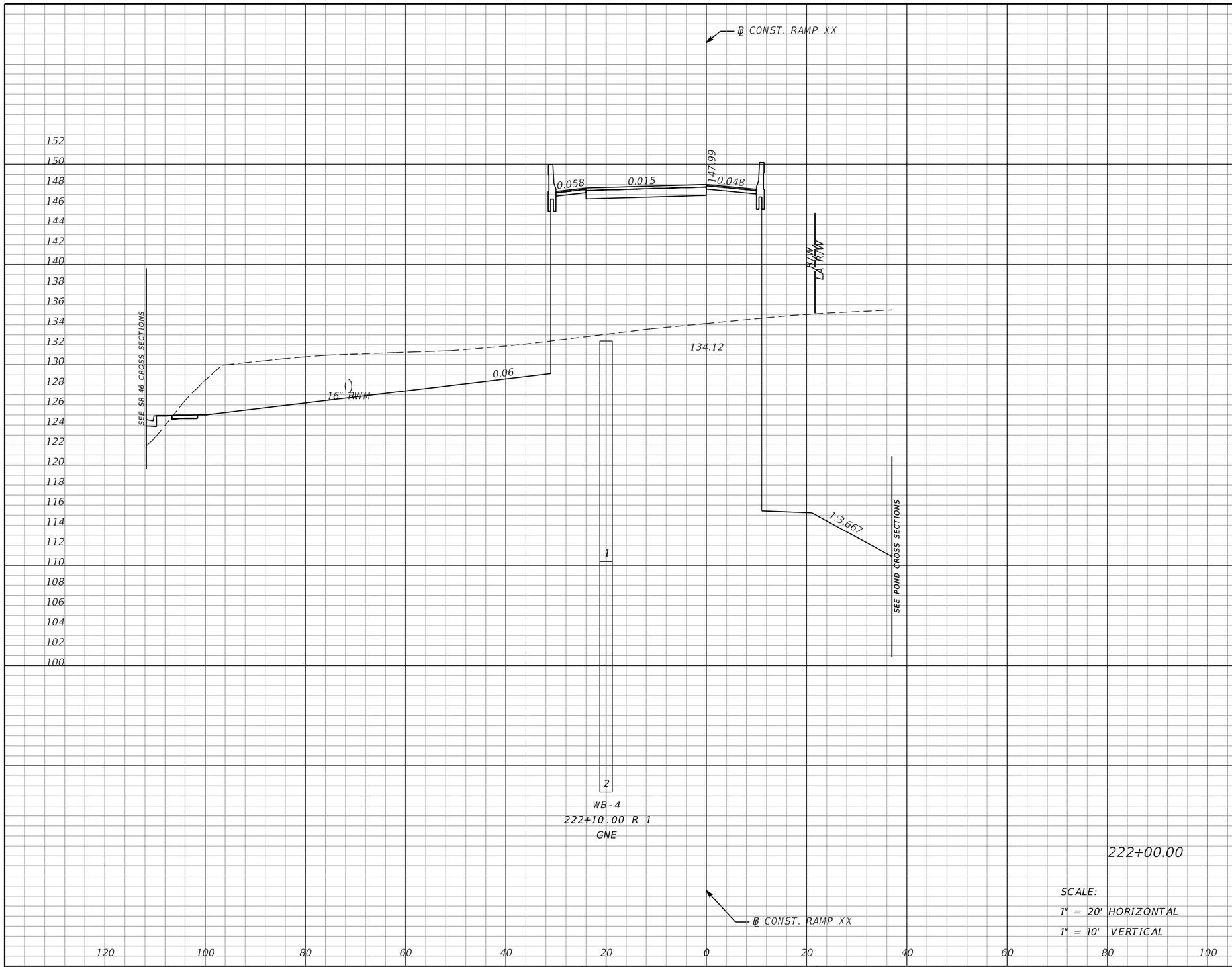
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO. 378

jcapra 3/28/2016 10:20:52 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD03.DGN



SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	840	1540	566	1102

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

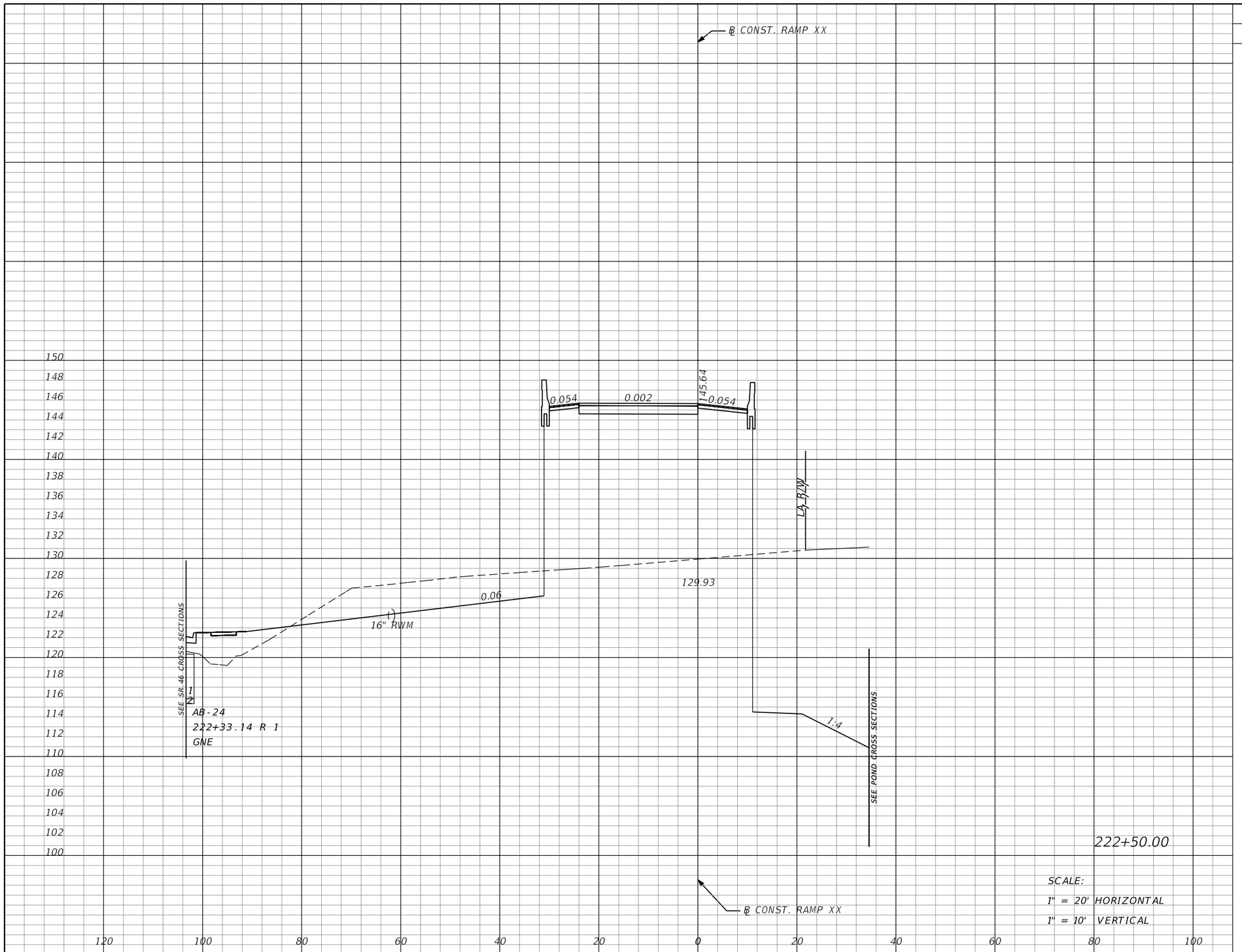
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO. 379

jcapra 3/28/2016 10:20:52 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD03.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	542	1280	677	1151

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

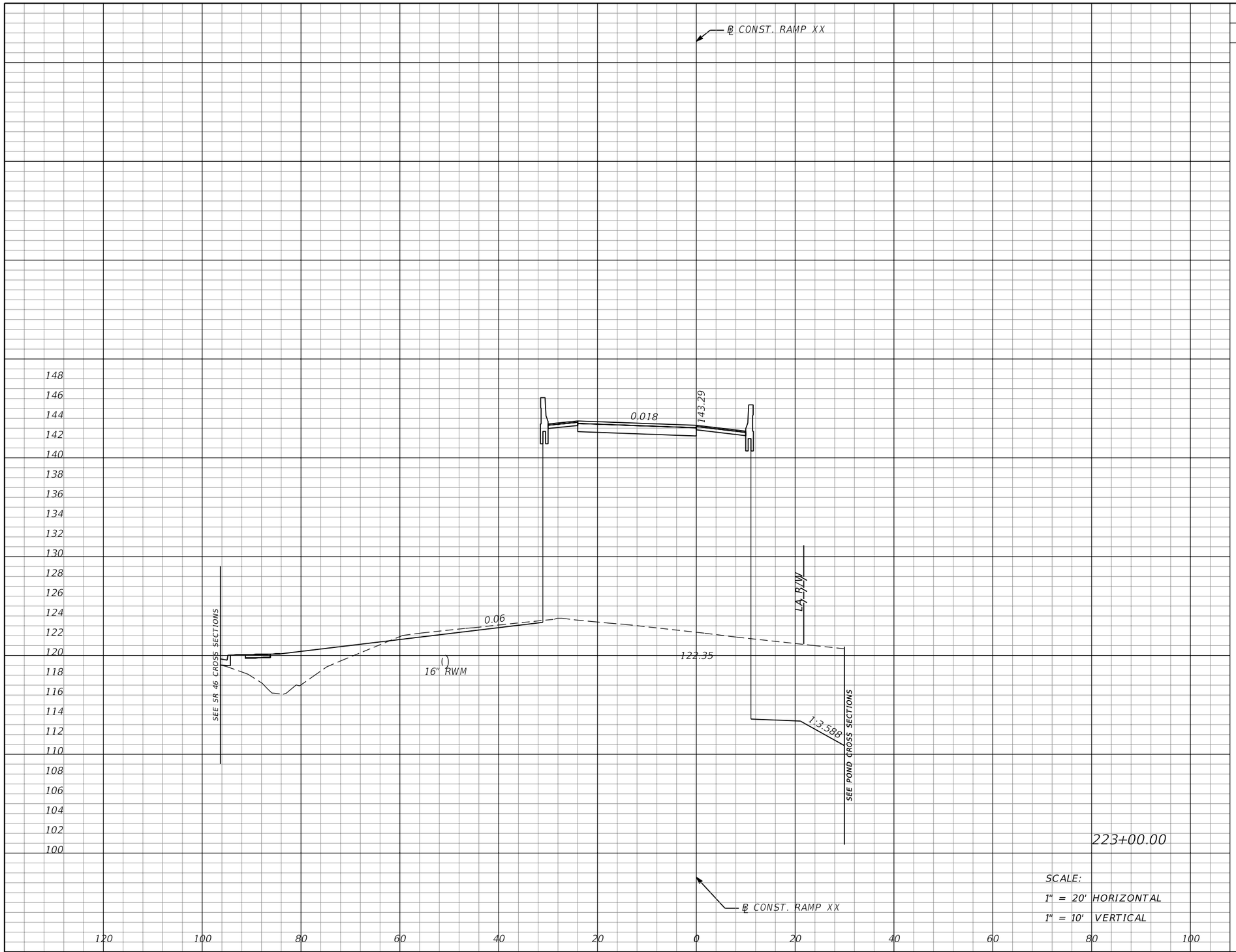
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO. 380

jcapra 3/28/2016 10:20:53 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD03.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	167	656	894	1455

223+00.00

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

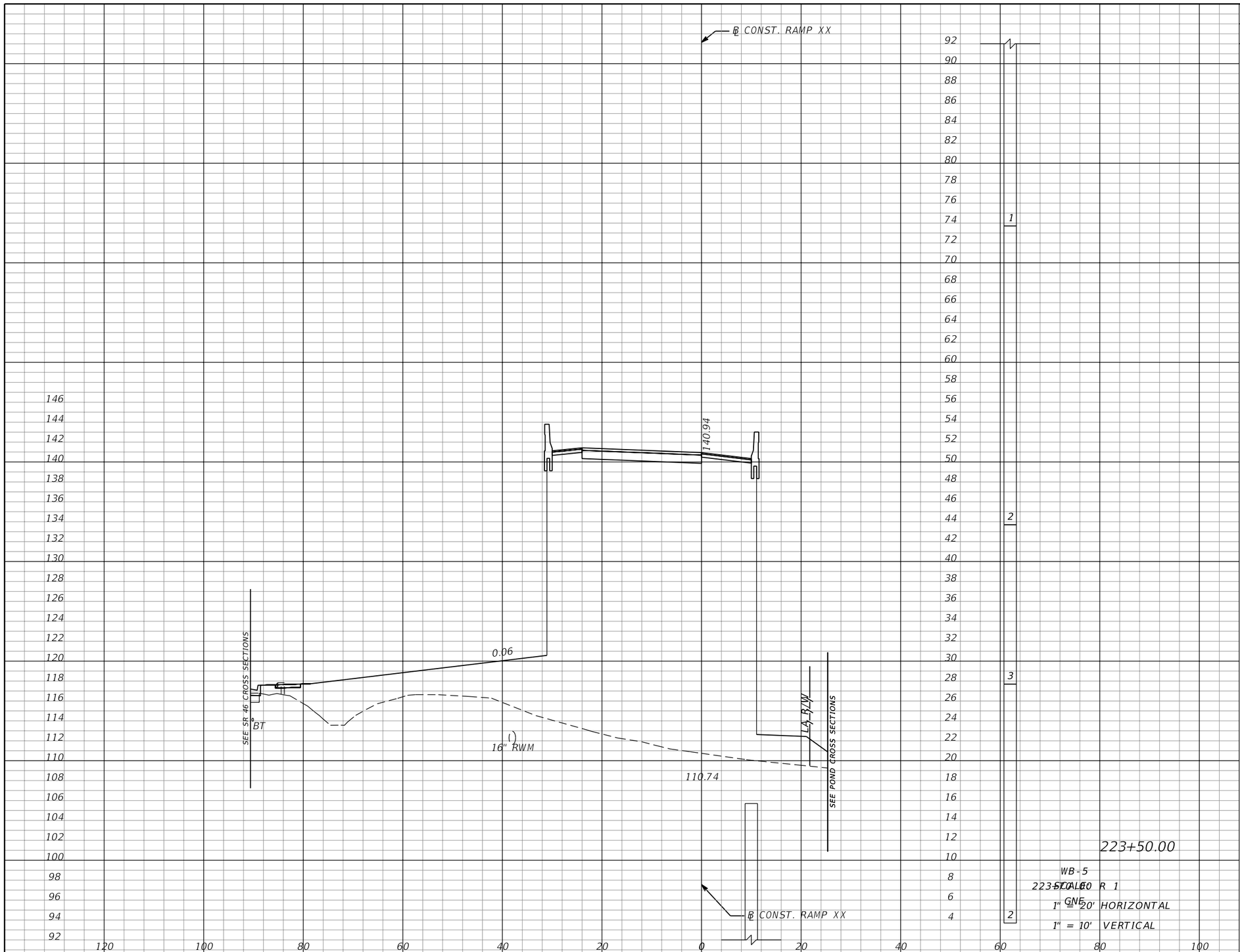
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO. 381



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	0	155	1416	2139

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

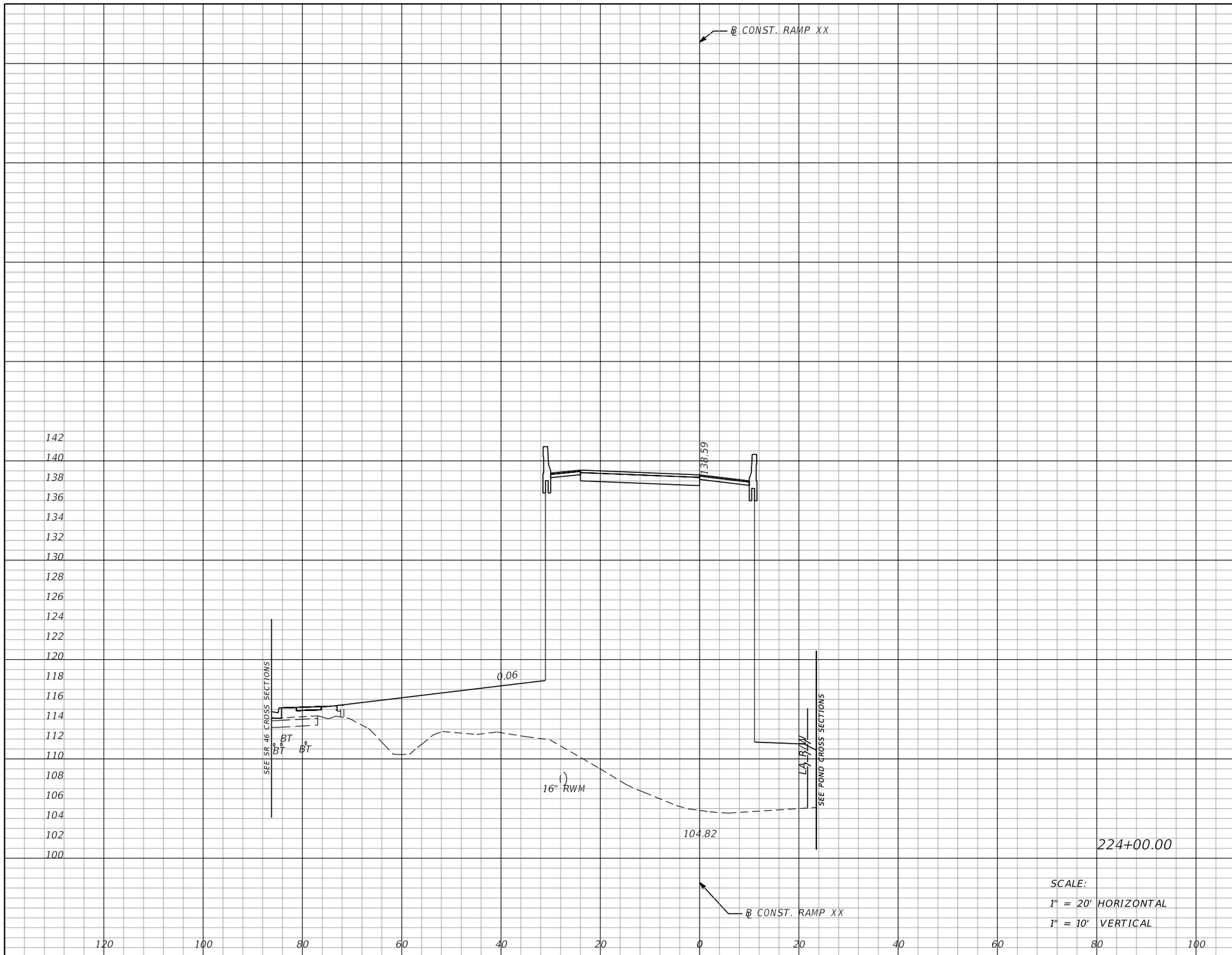
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO. 382

jcapra 3/28/2016 10:20:55 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD03.DGN



SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	0	0	1567	2762

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

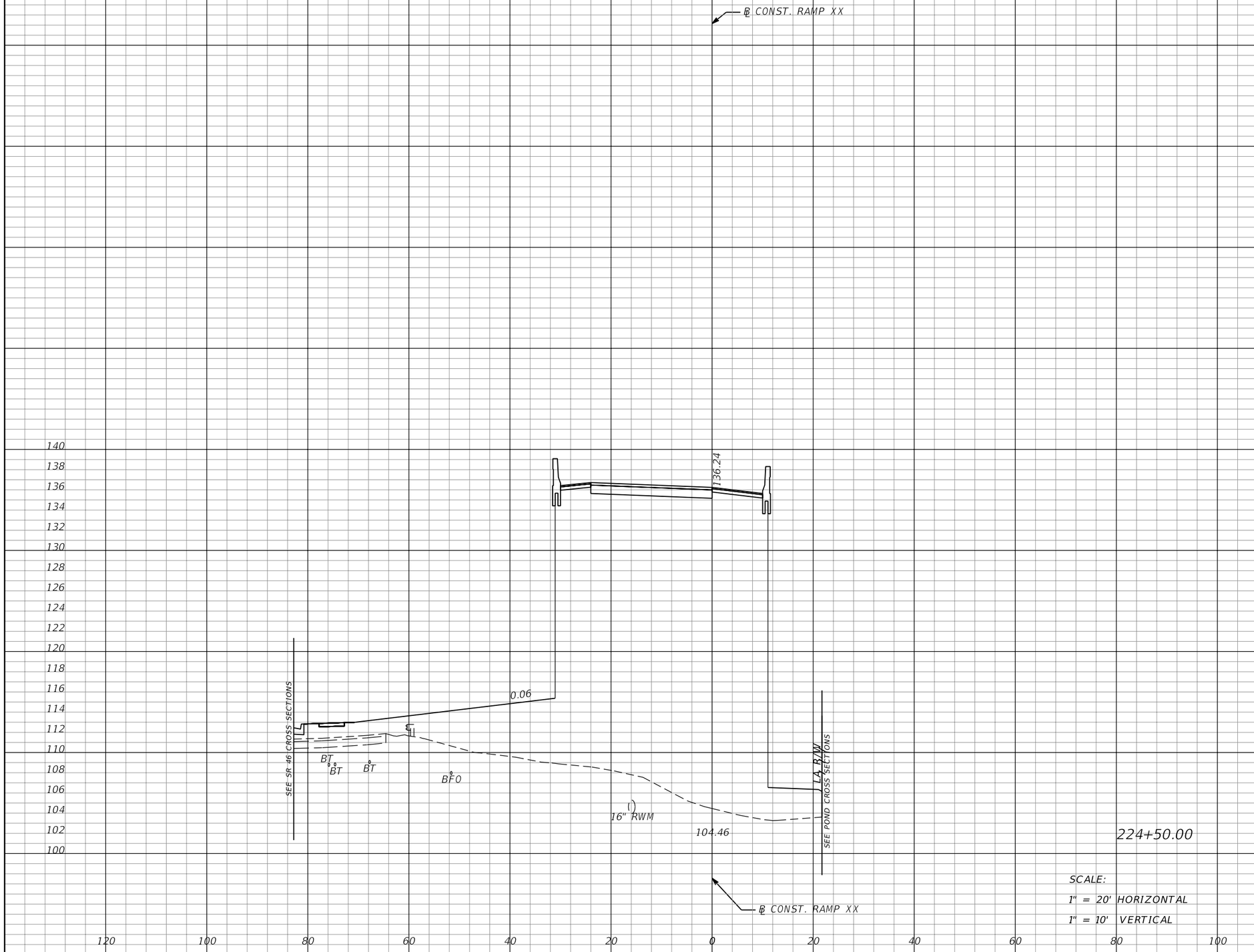
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO. 383



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	0	0	1417	2763

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

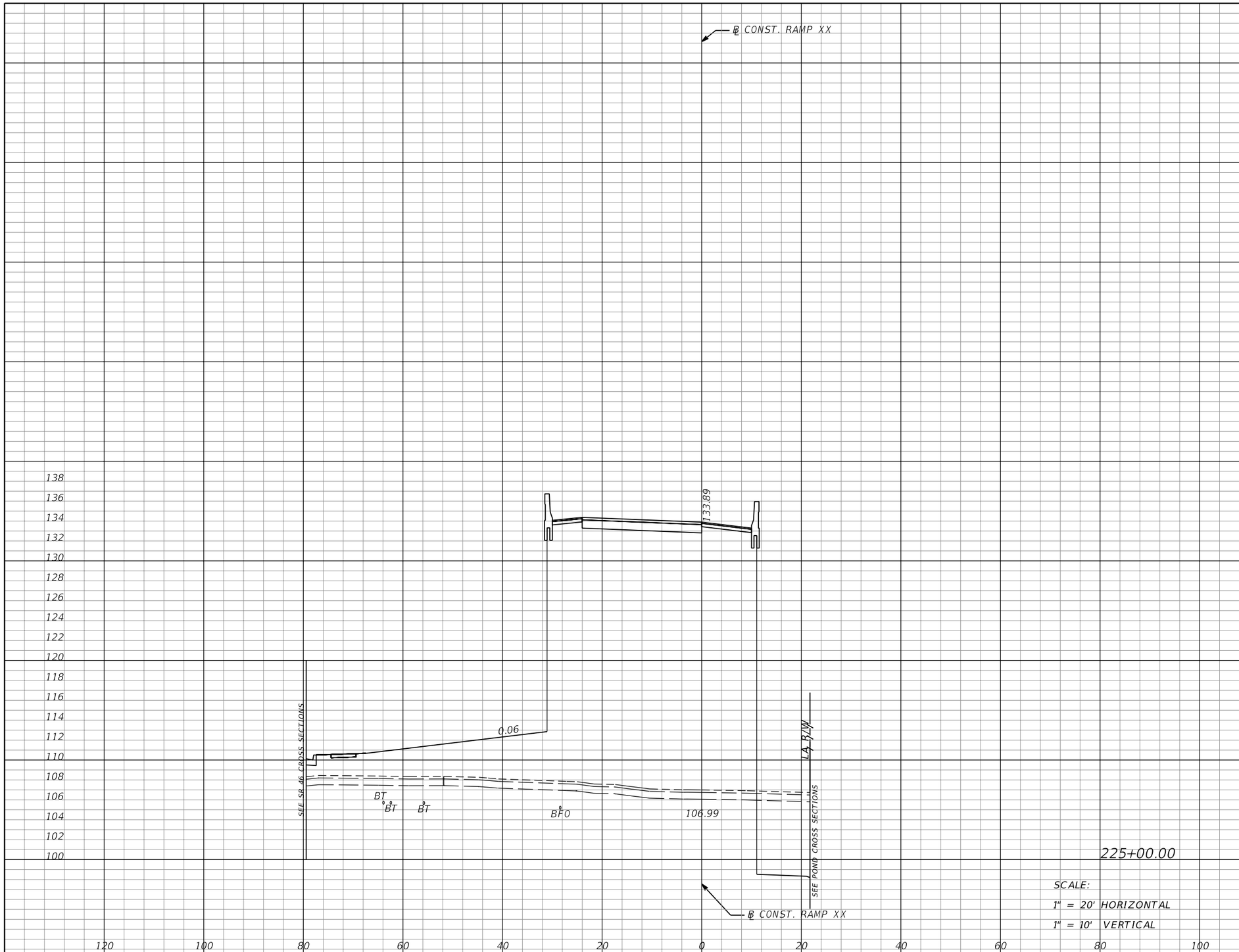
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO. 384



SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	90	83	1239	2459

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

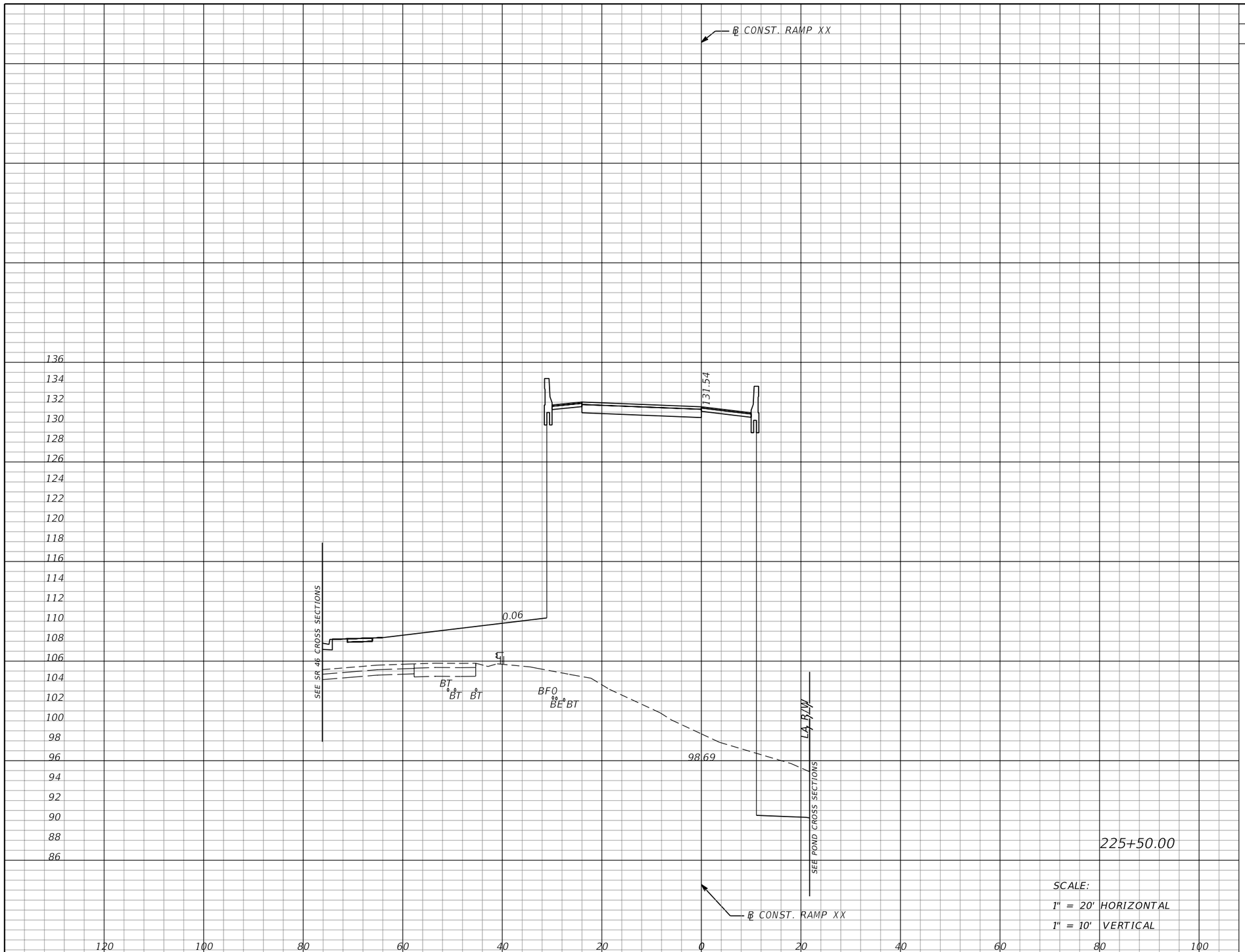
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO. 385

jcapra 3/28/2016 10:20:56 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD03.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	59	138	1421	2463

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

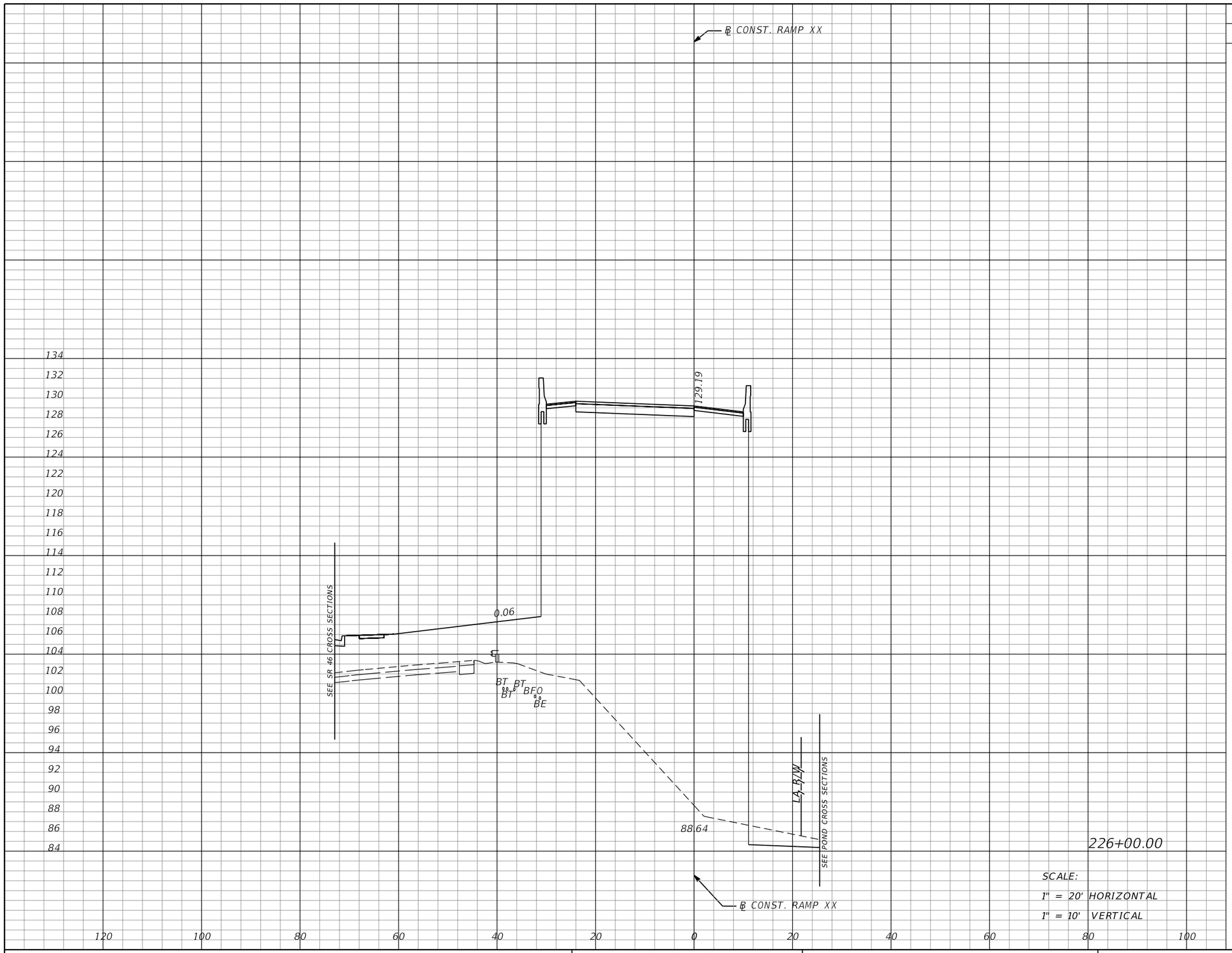
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO. 386

jcapra 3/28/2016 10:20:57 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD03.DGN



226+00.00

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	20	73	1615	2811

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

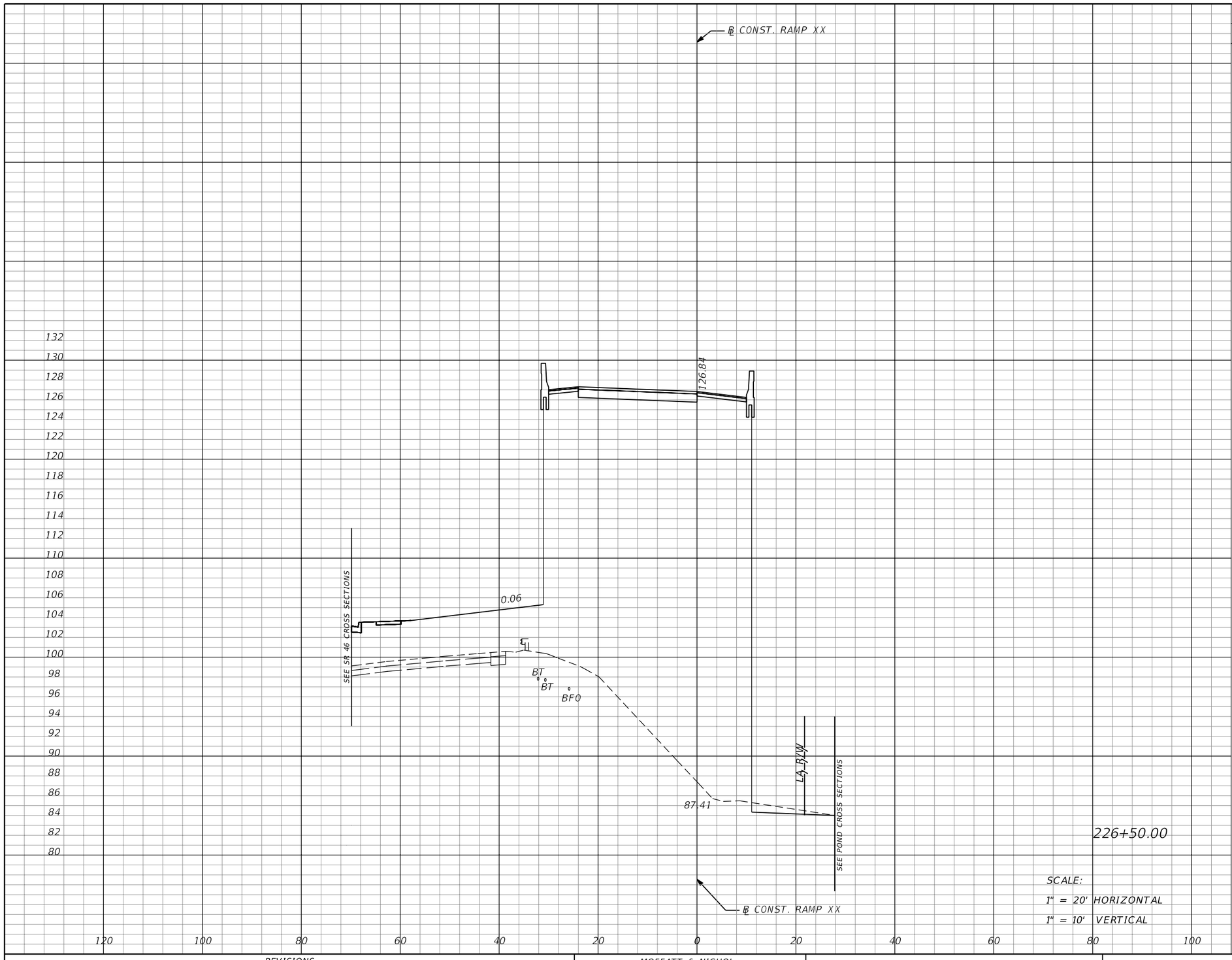
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO. 387

jcapra 3/28/2016 10:20:58 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD03.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	8	26	1584	2962

226+50.00

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

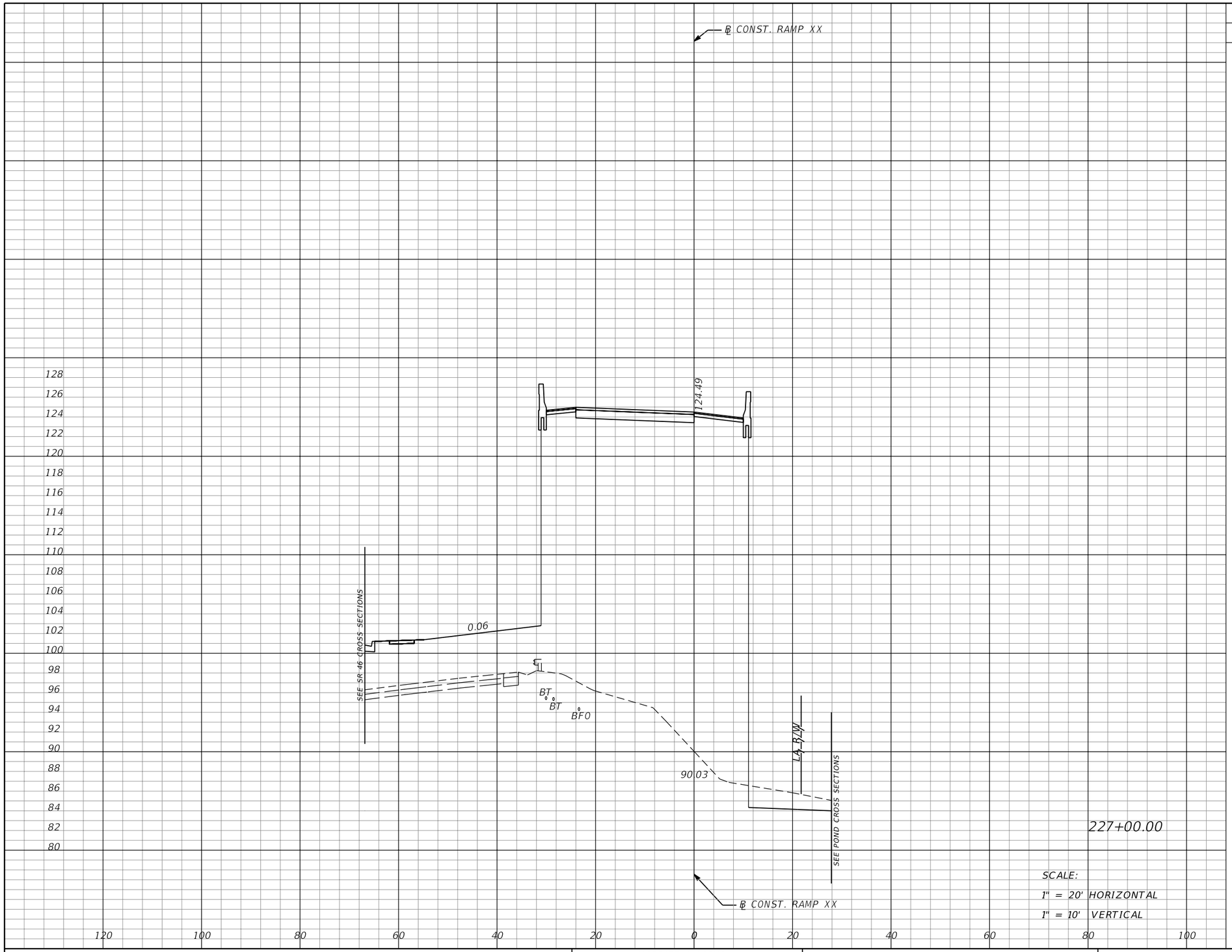
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO. 388

jcapra 3/28/2016 10:20:58 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD03.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	28	33	1458	2817

227+00.00

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

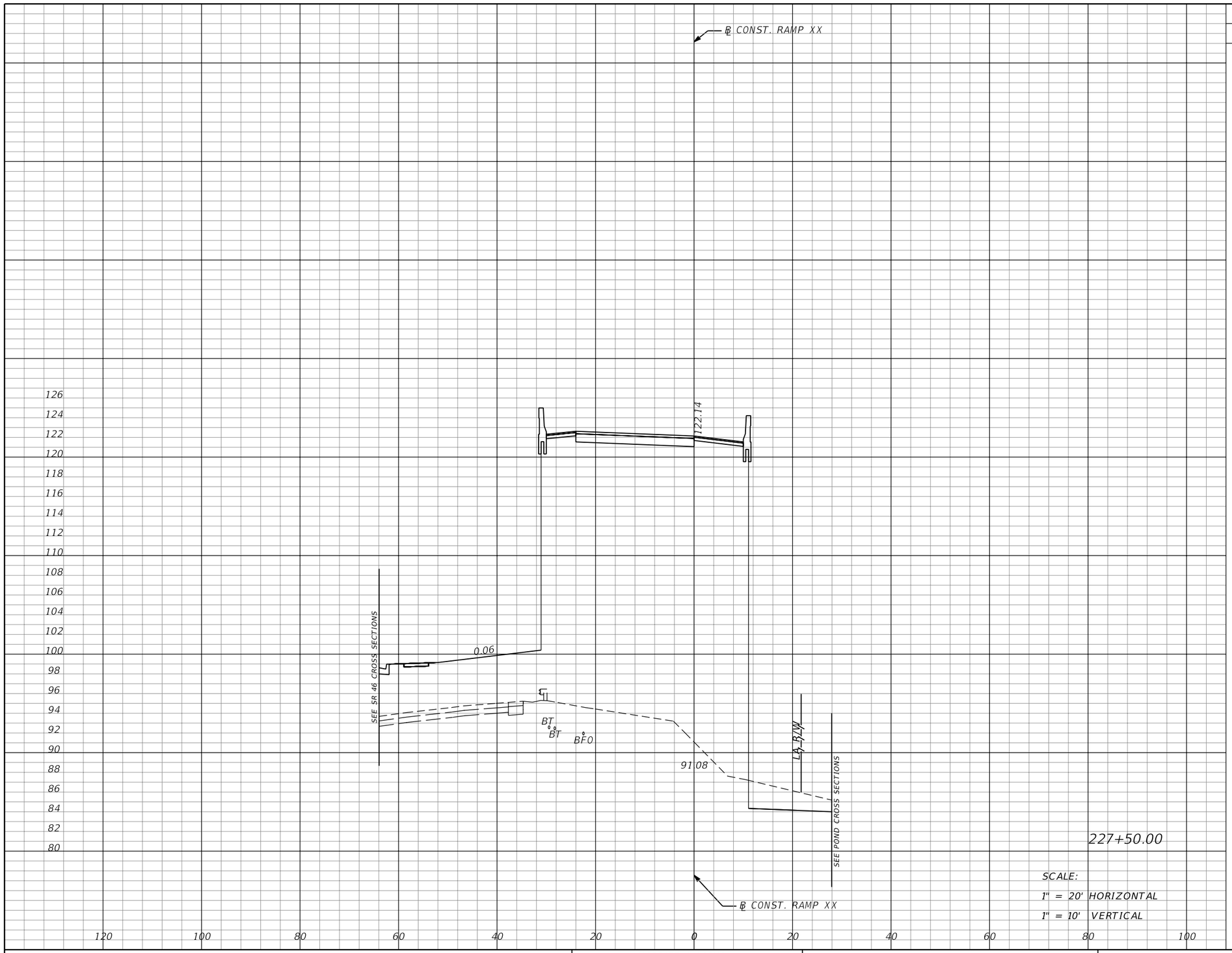
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO. 389

jcapra 3/28/2016 10:20:59 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD03.DGN



227+50.00

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	34	57	1389	2636

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

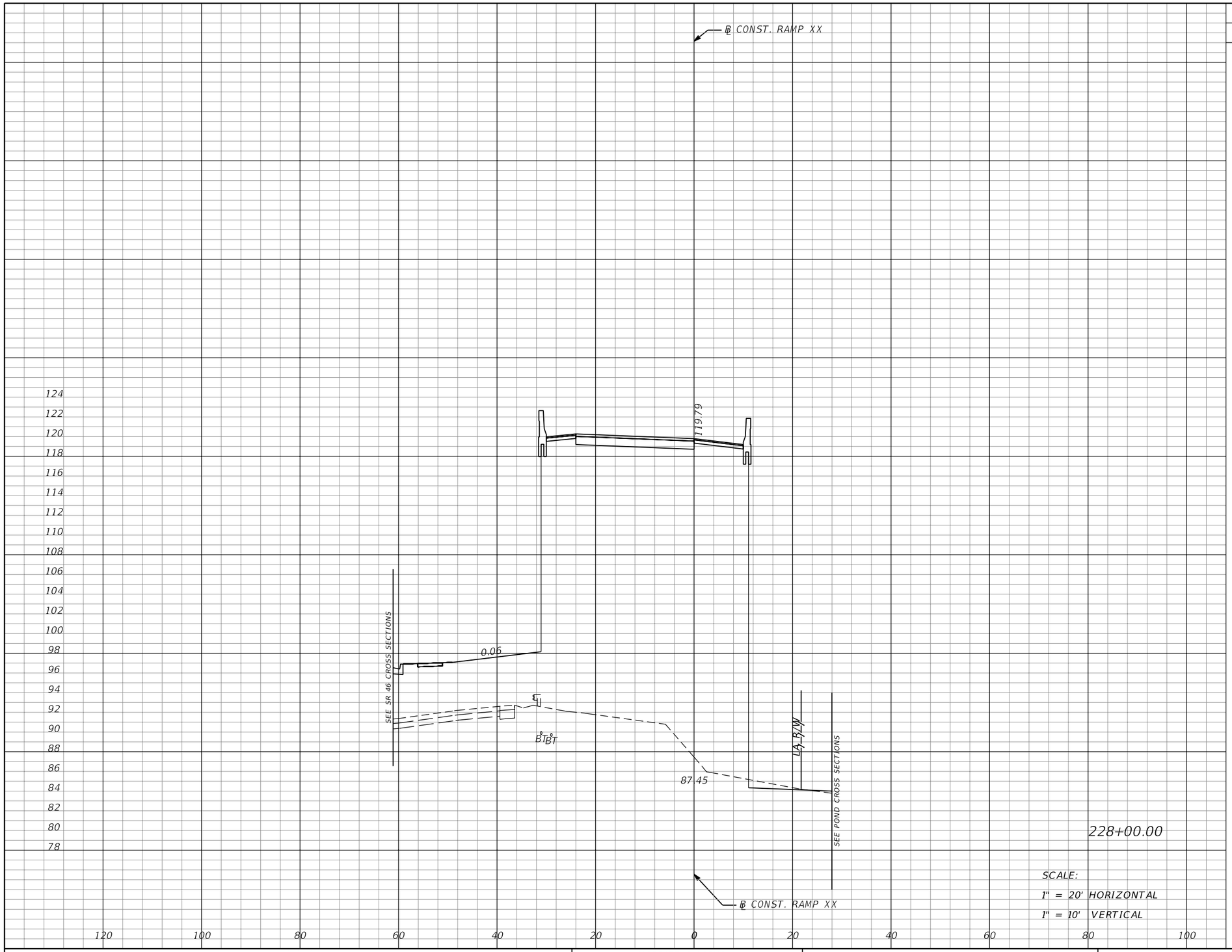
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO. 390

jcapra 3/28/2016 10:21:00 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD03.DGN



228+00.00

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	5	36	1403	2585

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

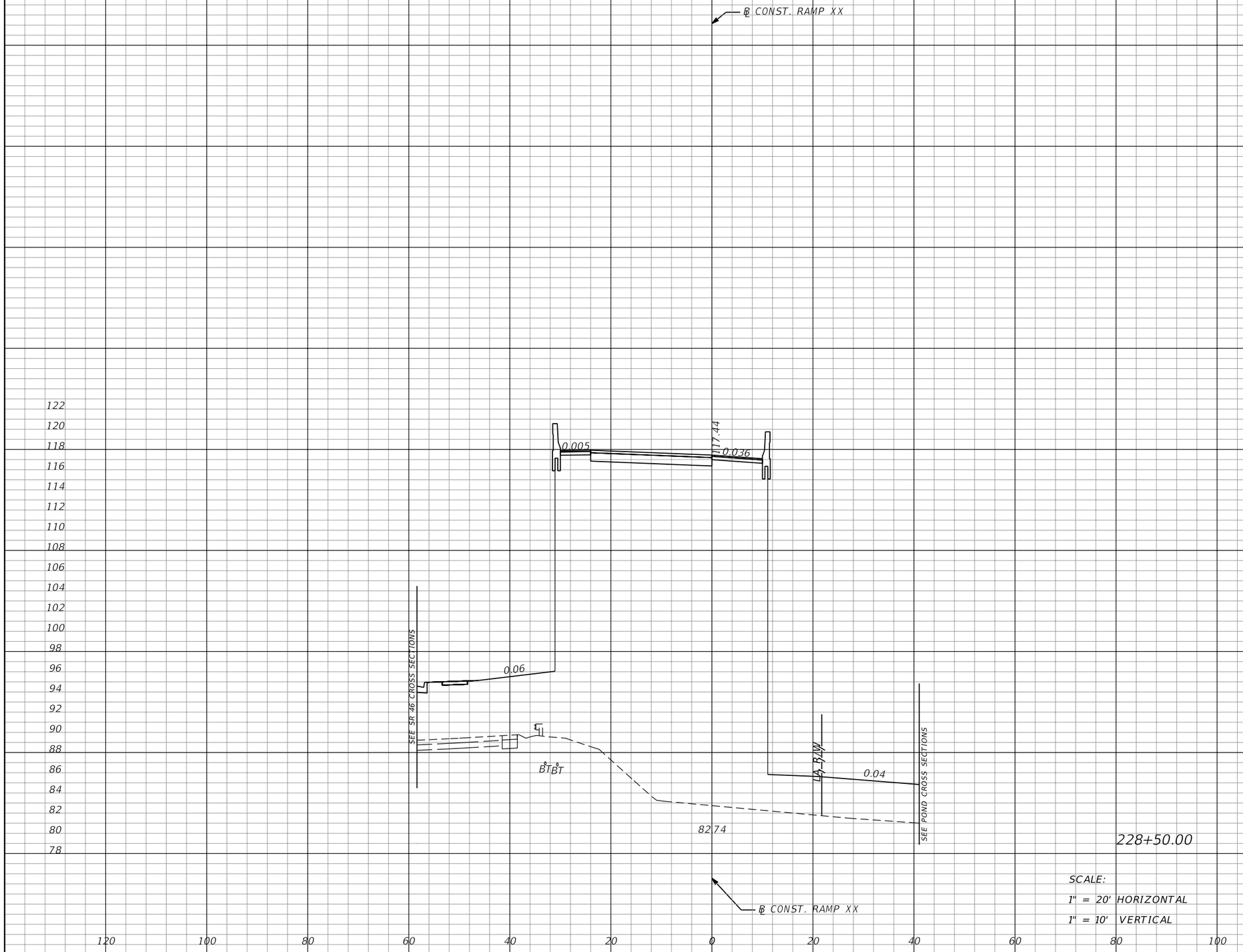
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO. 391

jcapra 3/28/2016 10:21:00 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD03.DGN



SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	0	5	1628	2806

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

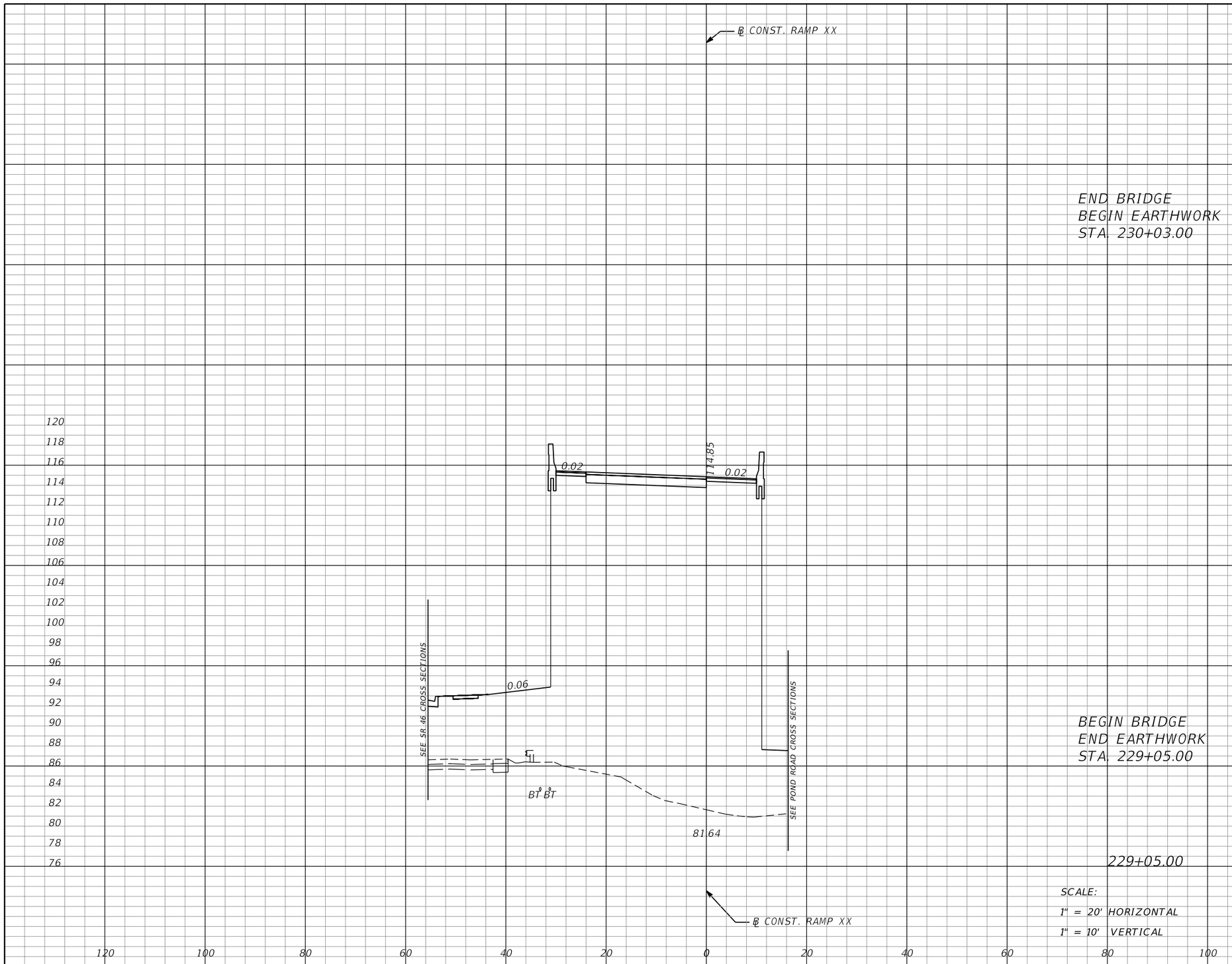
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO. 392



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	0	0	1506	3192

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

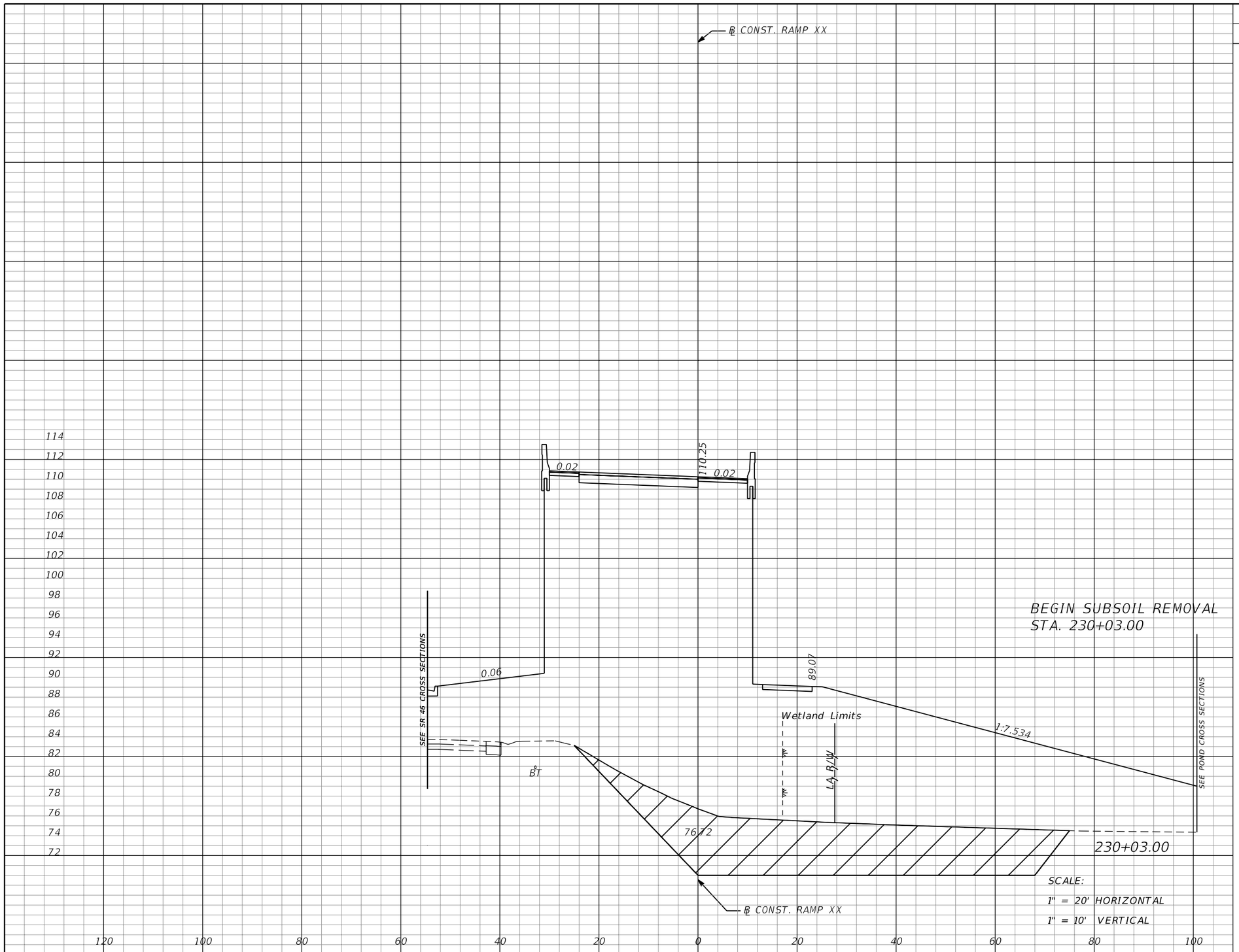
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO. 393

jcapra 3/28/2016 10:21:01 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD03.DGN



SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
452	0	0	0	2771	0

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

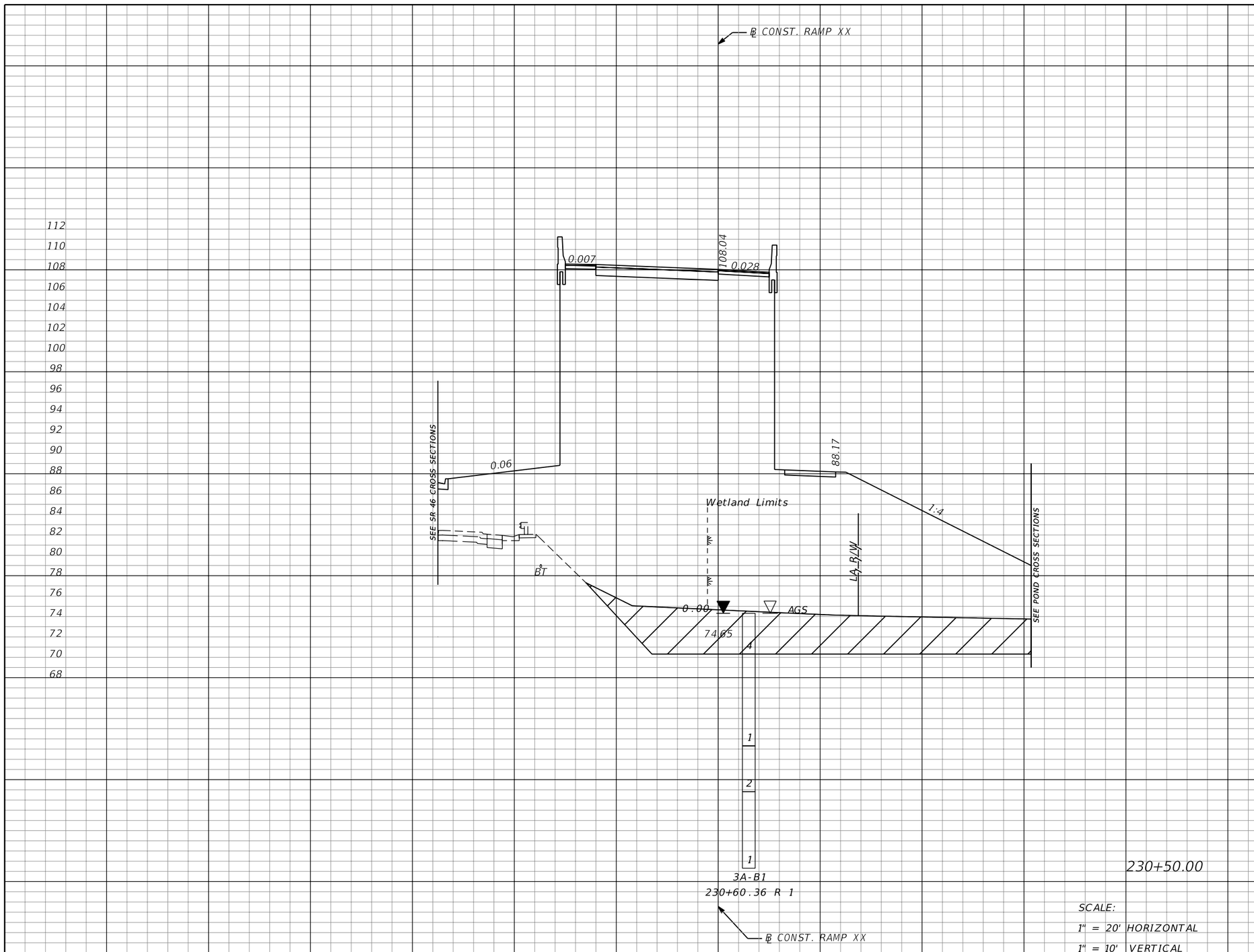
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO. 394

jcapra 3/28/2016 10:21:02 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD03.DGN

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
318	670	0	0	2357	4463

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

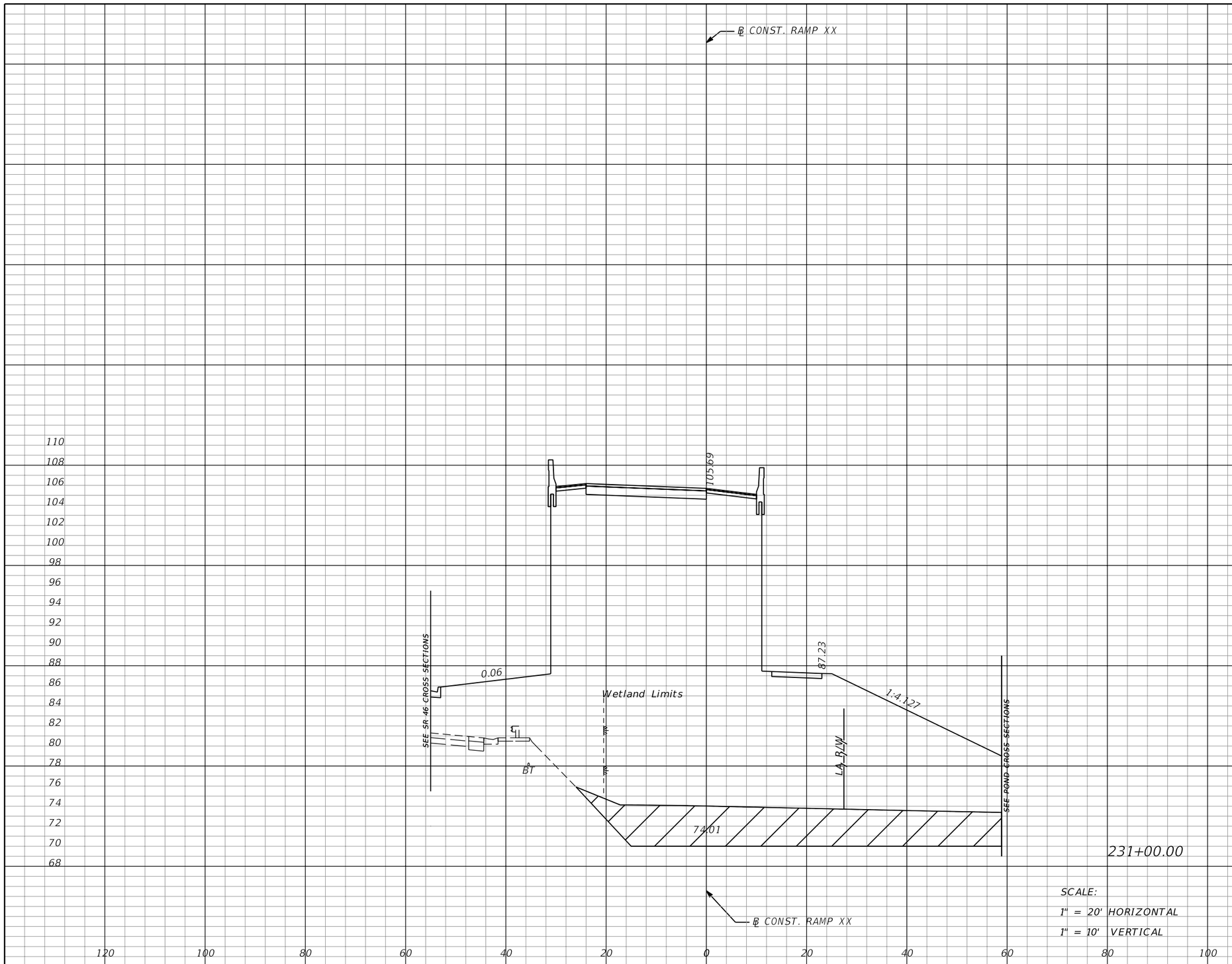
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO. 395

jcapra 3/28/2016 10:21:03 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD03.DGN



SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
299	571	0	0	2227	4244

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

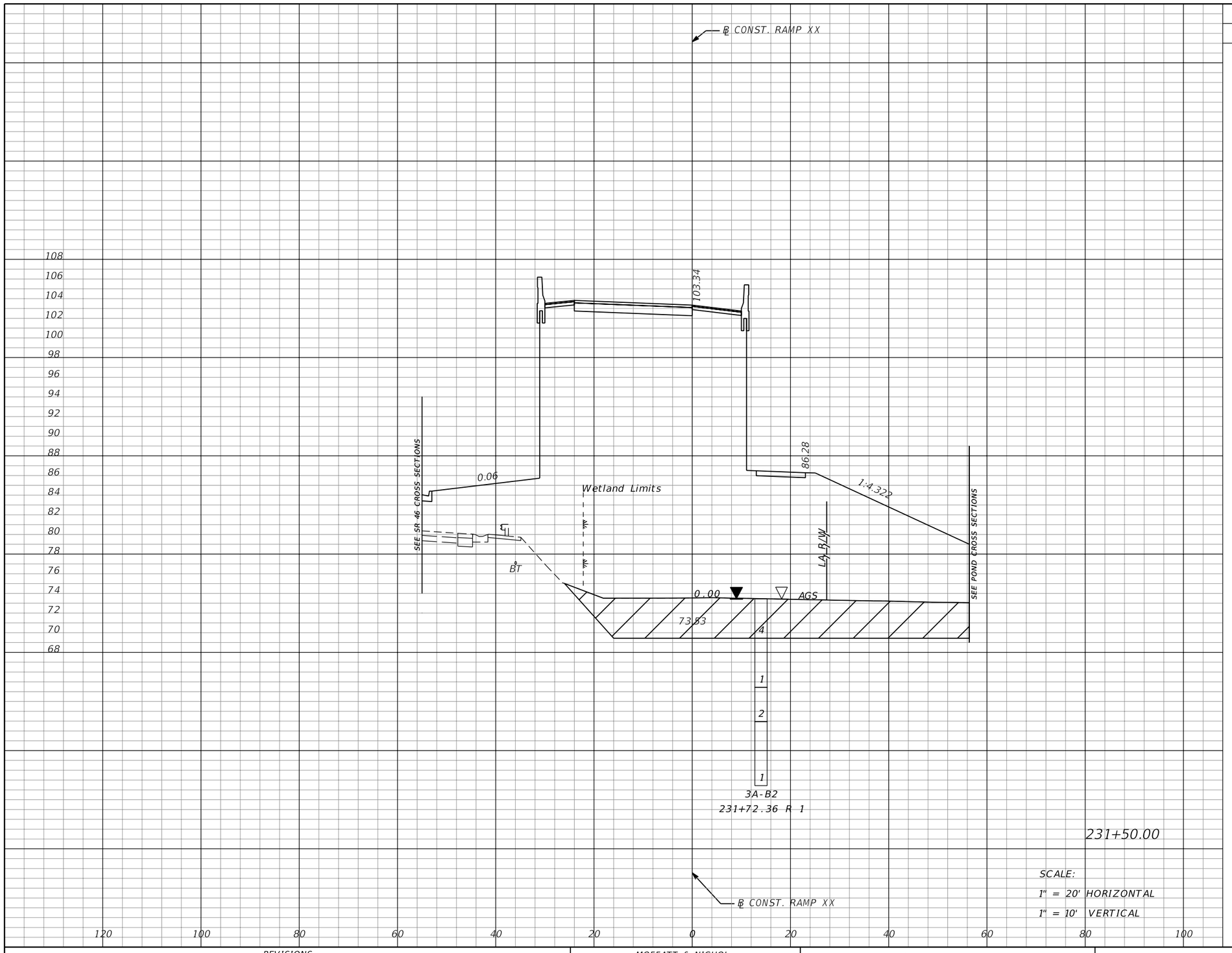
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO. 396



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
303	557	0	0	2109	4015

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

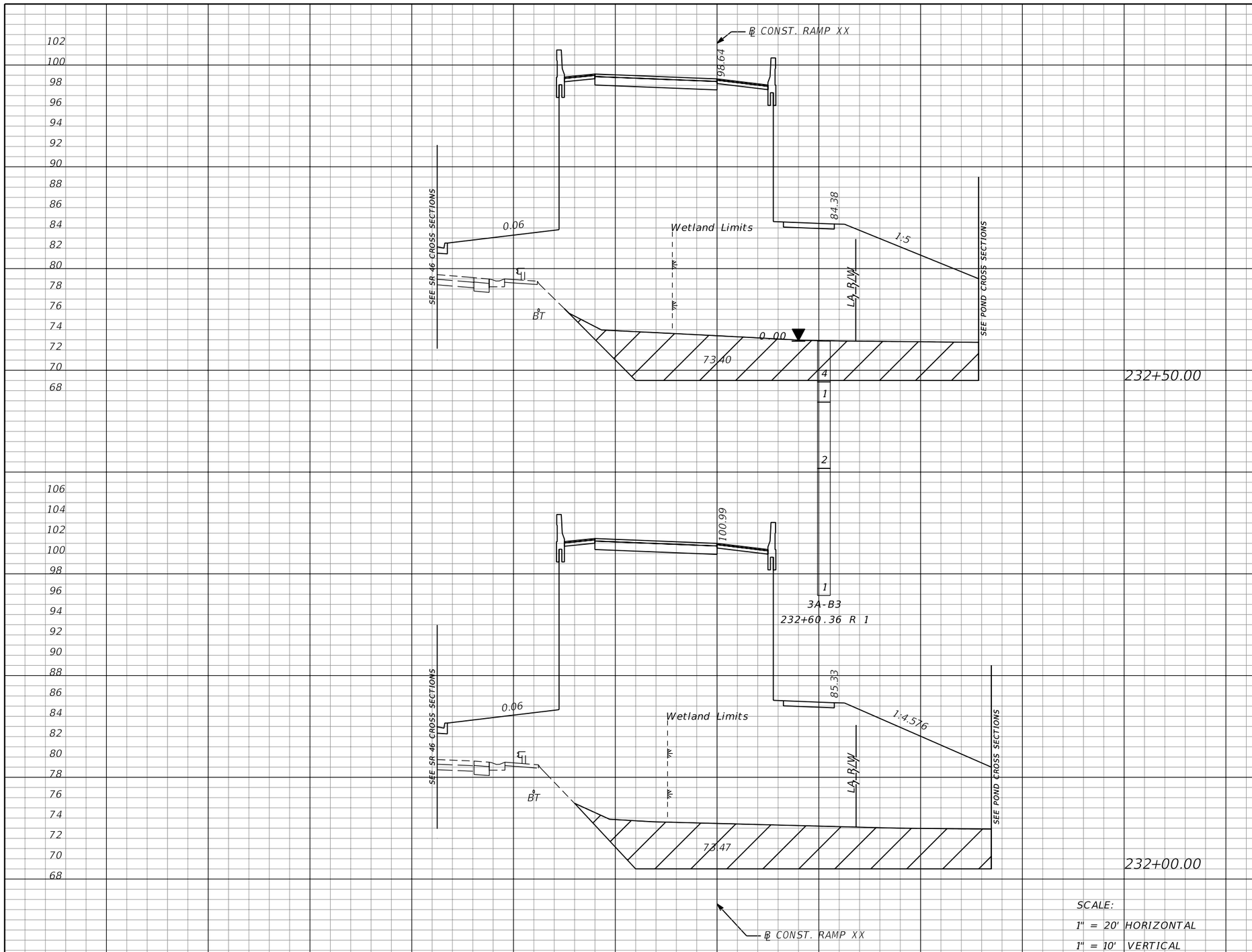
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO. 397

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
303	578	0	0	1813	3508
321	578	0	0	1976	3782

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

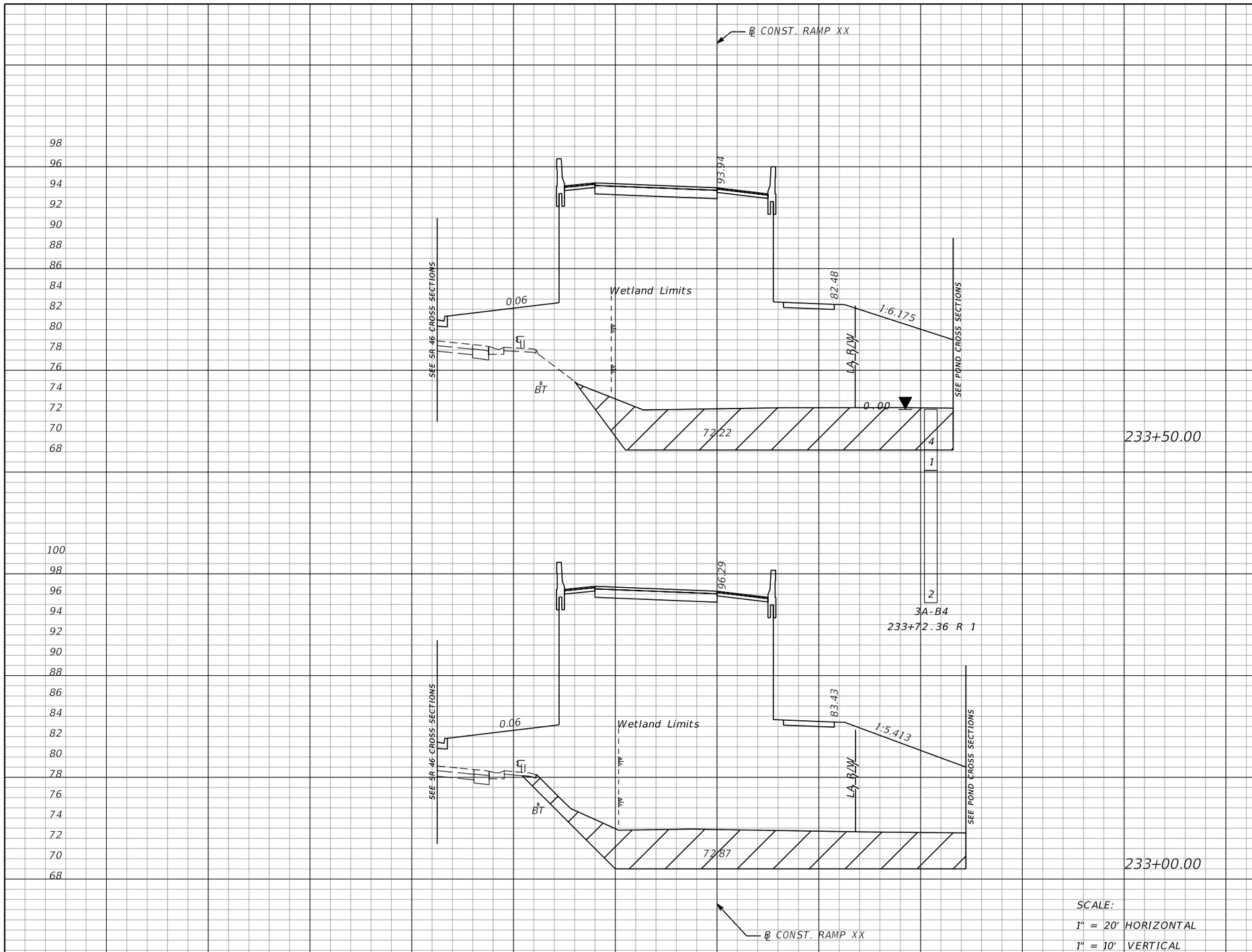
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO. 398

jcapra 3/28/2016 10:21:04 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD03.DGN



SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
288	538	0	0	1558	3004
293	552	0	0	1686	3240

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

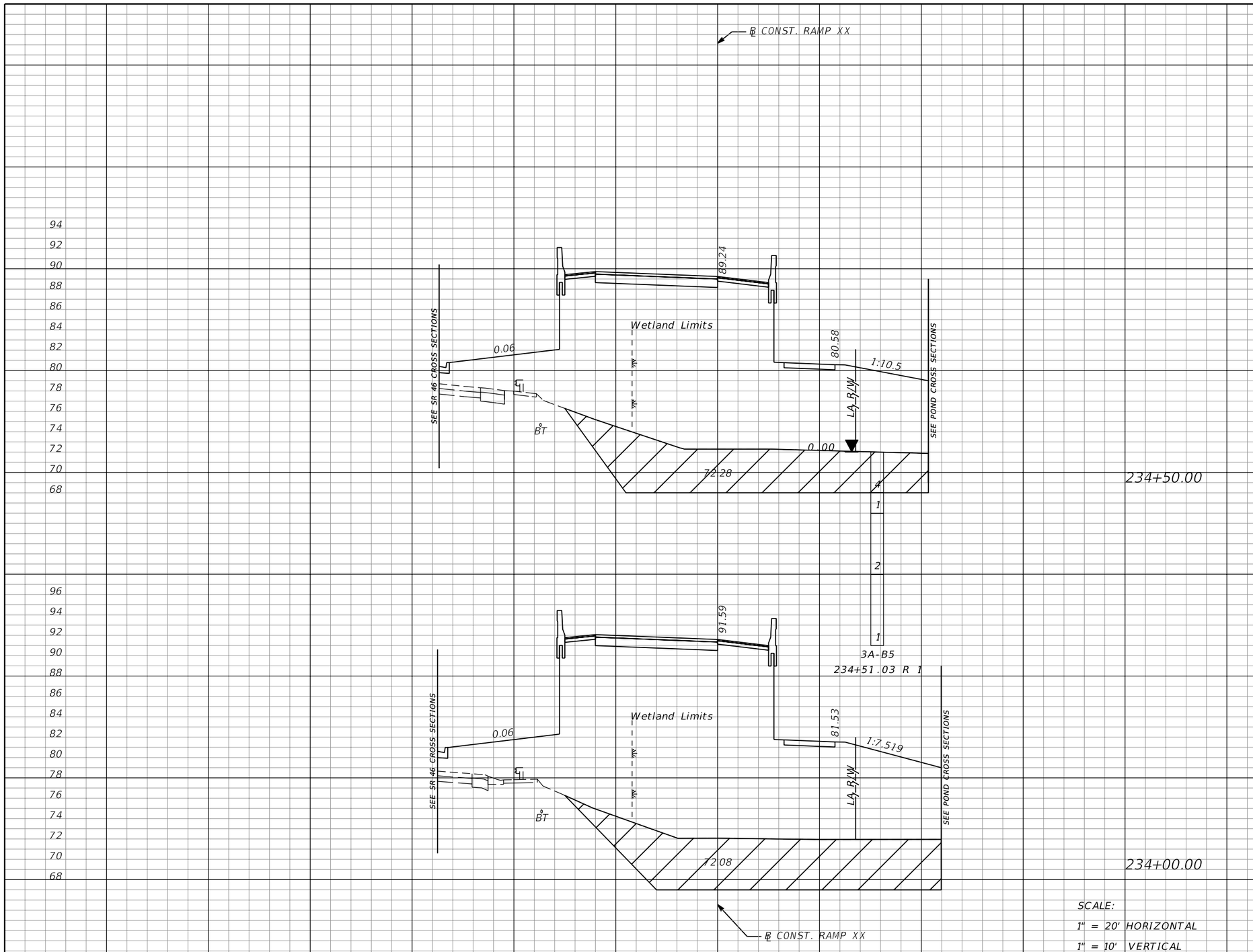
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO. 399

jcapra 3/28/2016 10:21:05 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD03.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
296	581	0	0	1254	2505
332	574	0	0	1451	2786

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

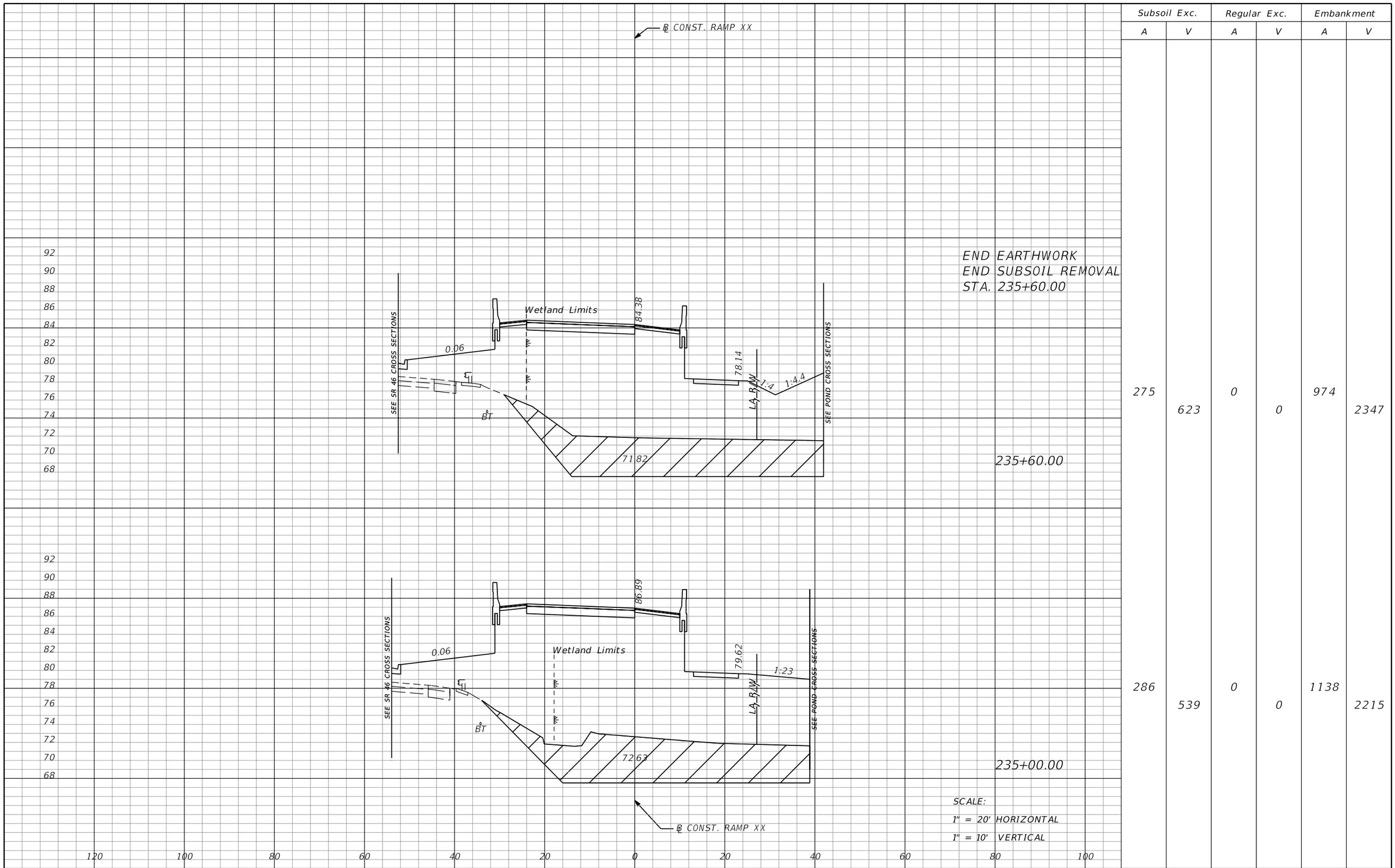
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO. 400

jcapra 3/28/2016 10:21:06 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD03.DGN



END EARTHWORK
END SUBSOIL REMOVAL
STA. 235+60.00

235+60.00

235+00.00

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
275	623	0	0	974	2347
286	539	0	0	1138	2215

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

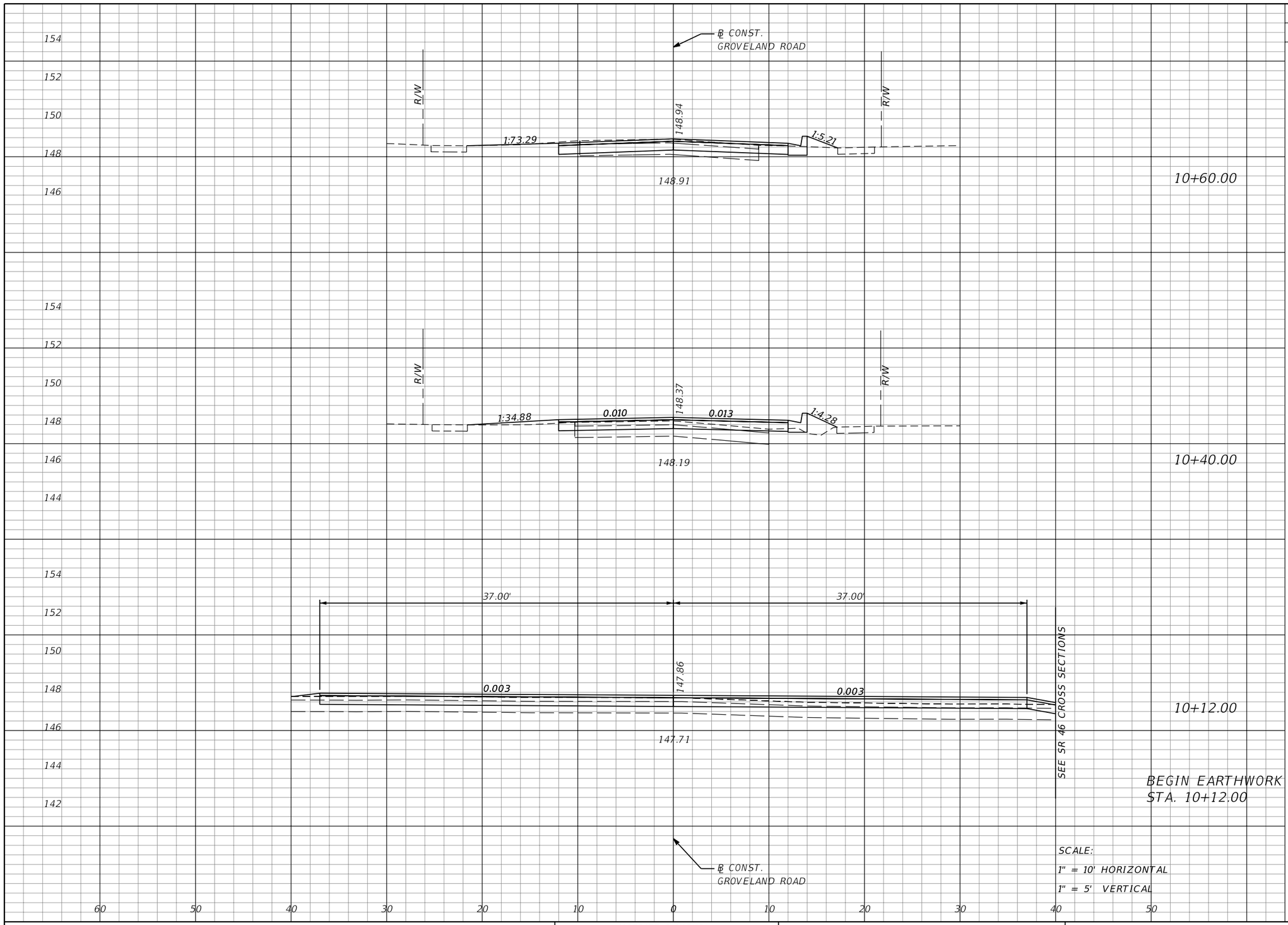
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO. 401

jcapra 3/28/2016 10:21:07 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD03.DGN



Regular Exc.		Embankment	
A	V	A	V
14	8	1	1
8	19	3	2
28	0	0	0

10+60.00

10+40.00

10+12.00

BEGIN EARTHWORK
STA. 10+12.00

SCALE:
1" = 10' HORIZONTAL
1" = 5' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

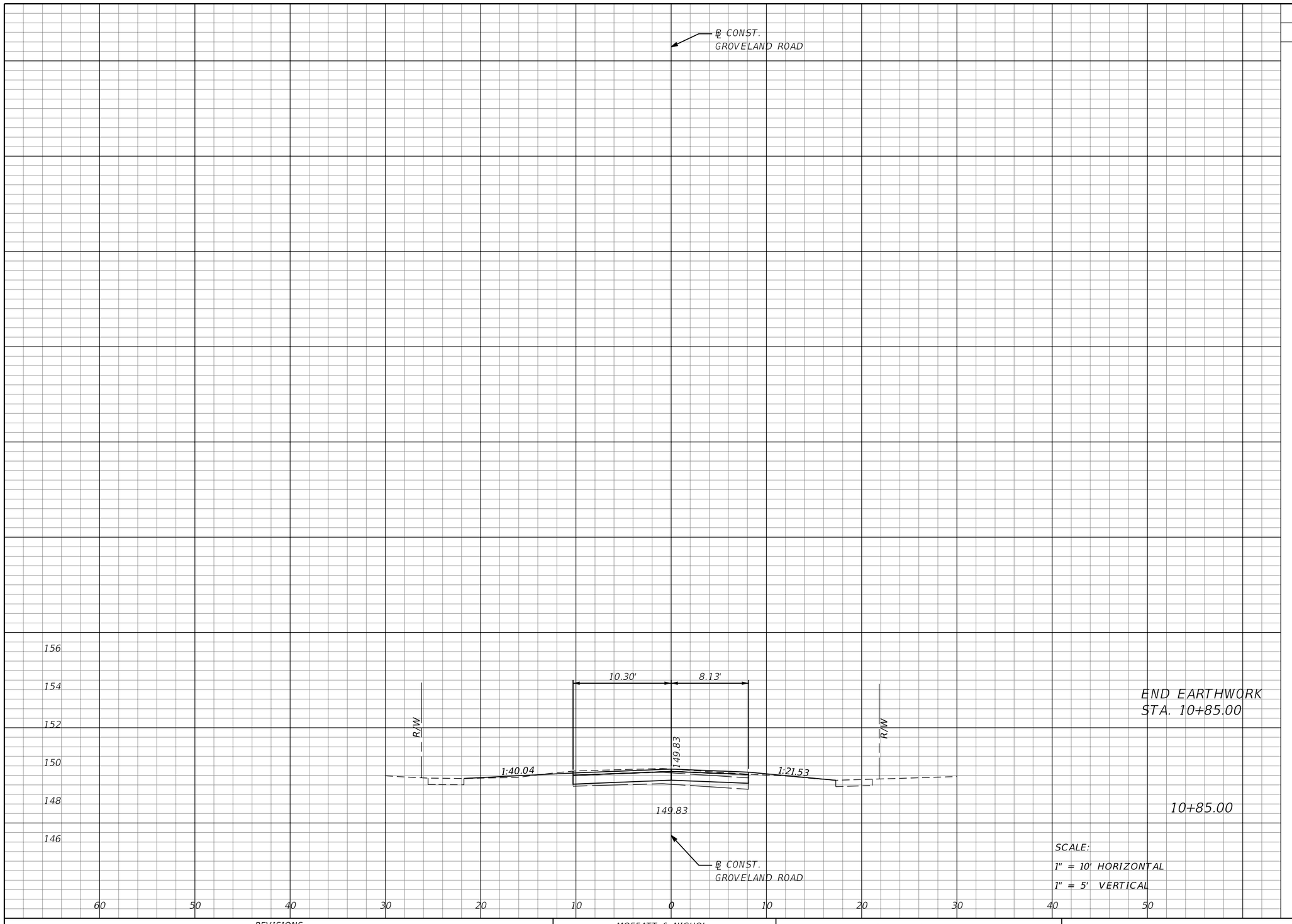
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
GROVELAND ROAD

SHEET NO. 402

jcapra 3/28/2016 10:21:09 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD05.DGN



END EARTHWORK
STA. 10+85.00

10+85.00

SCALE:
1" = 10' HORIZONTAL
1" = 5' VERTICAL

Regular Exc.		Embankment	
A	V	A	V
11	12	1	1

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

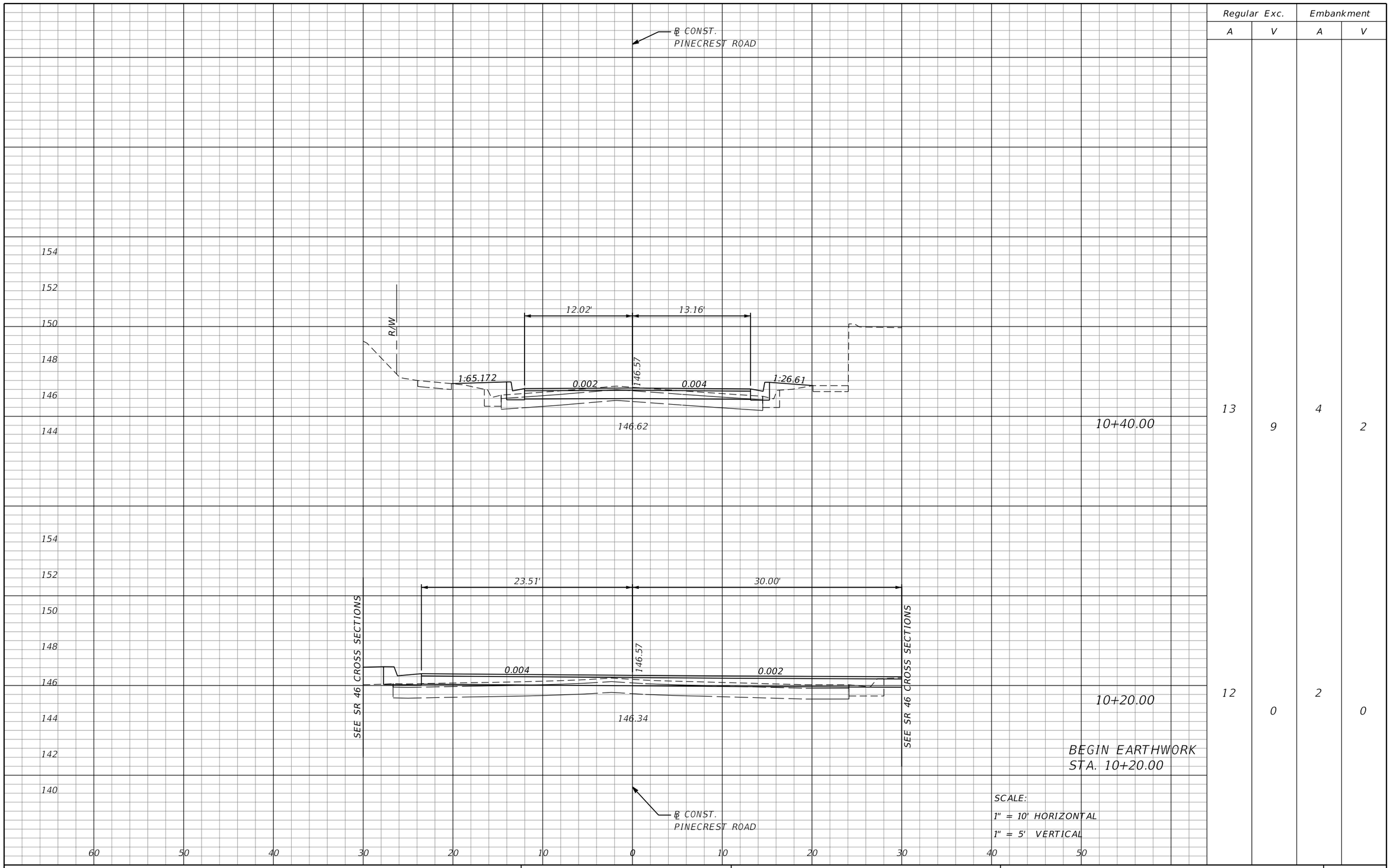
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
GROVELAND ROAD

SHEET NO. 403

jcapra 3/28/2016 10:21:10 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD05.DGN



Regular Exc.		Embankment	
A	V	A	V
13	9	4	2
12	0	2	0

10+40.00

10+20.00

BEGIN EARTHWORK
STA. 10+20.00

SCALE:
1" = 10' HORIZONTAL
1" = 5' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

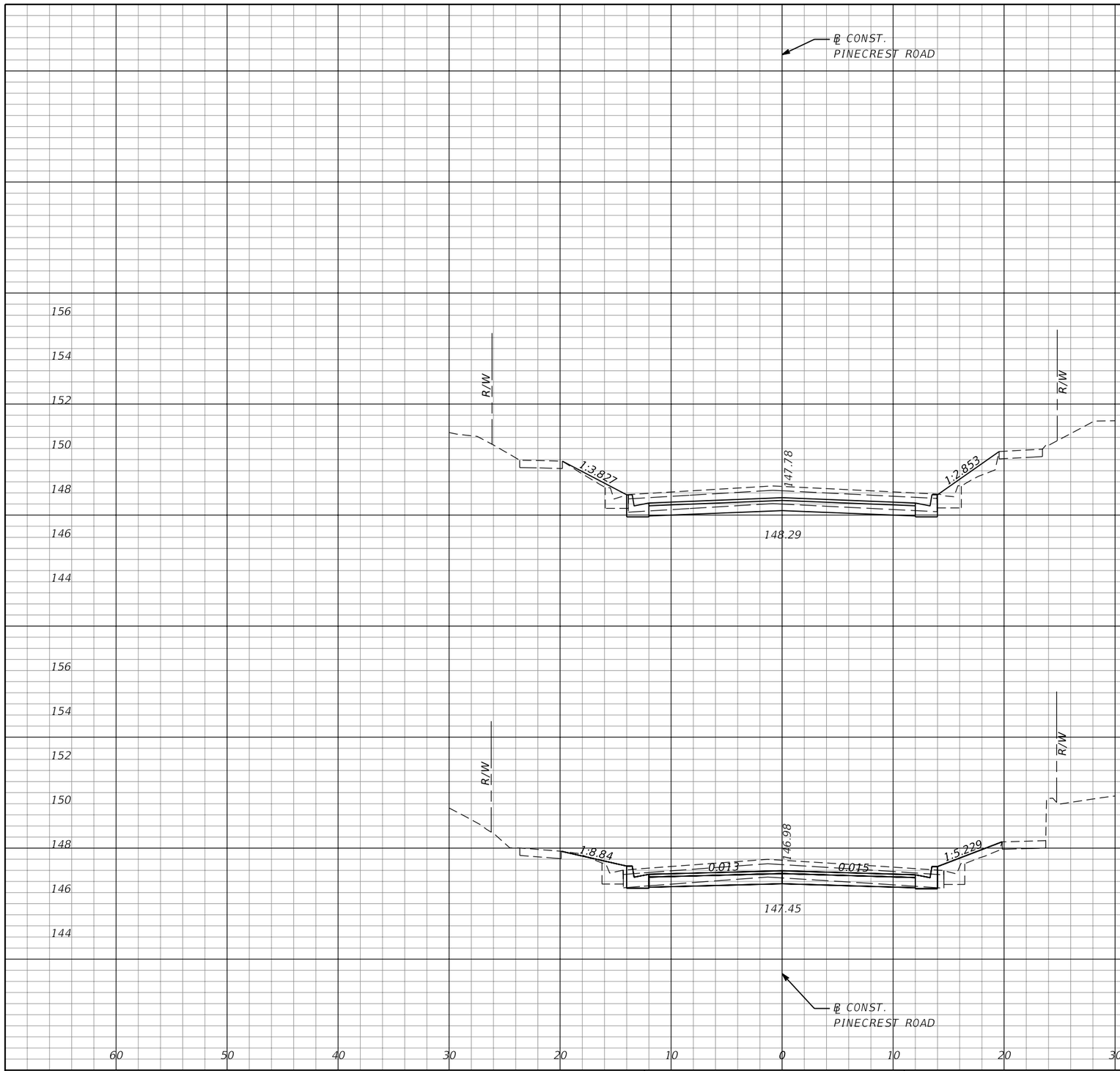
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
PINECREST ROAD

SHEET NO. 404

jcapra 3/28/2016 10:21:10 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD05.DGN



SCALE:
1" = 10' HORIZONTAL
1" = 5' VERTICAL

Regular Exc.		Embankment	
A	V	A	V
30	21	3	2
27	15	3	3

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

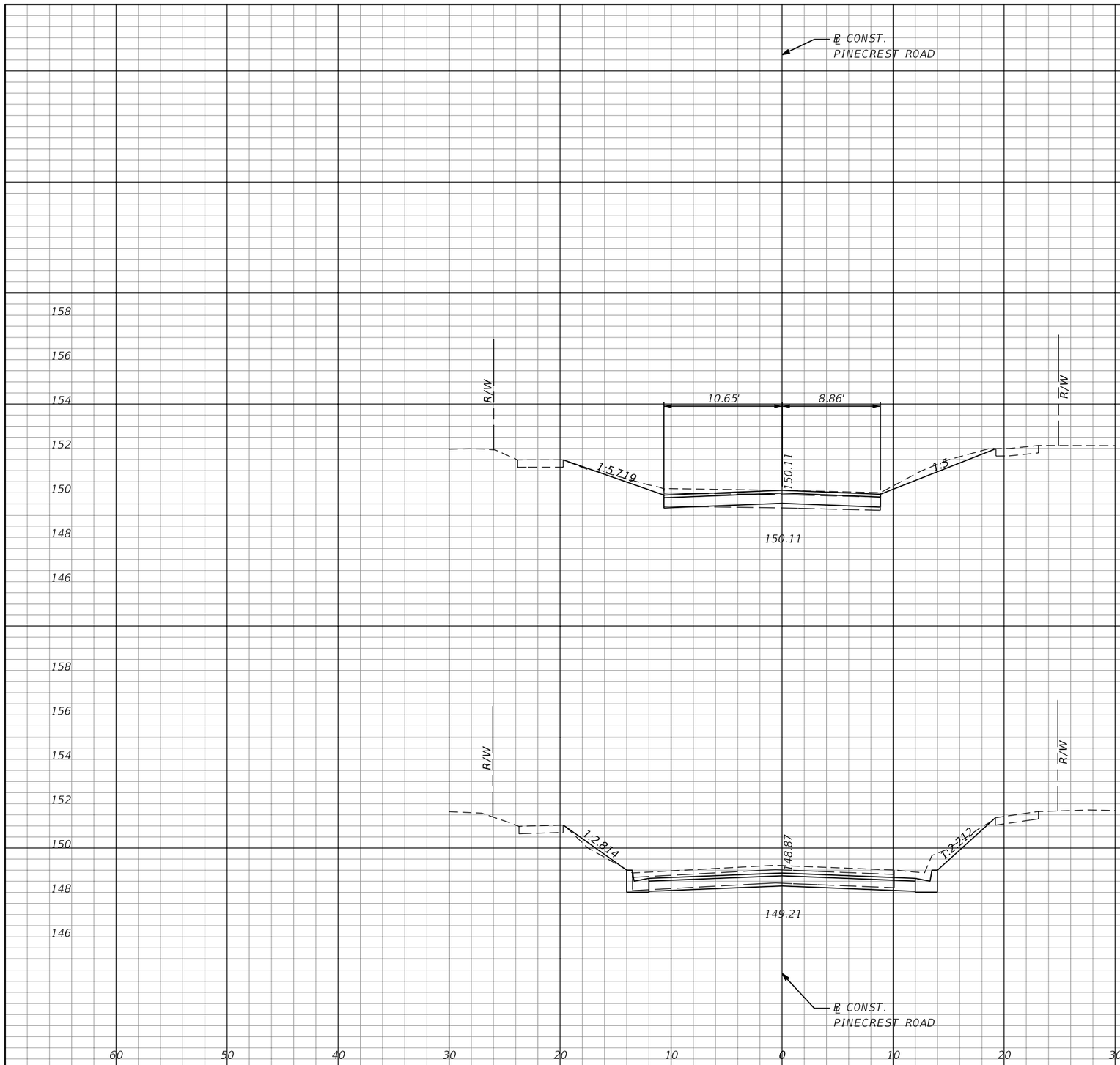
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
PINECREST ROAD

SHEET NO. 405

jcapra 3/28/2016 10:21:11 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD05.DGN



END EARTHWORK
STA. 11+27.25

11+27.25

11+00.00

SCALE:
1" = 10' HORIZONTAL
1" = 5' VERTICAL

Regular Exc.		Embankment	
A	V	A	V
17	23	0	1
28	21	1	1

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

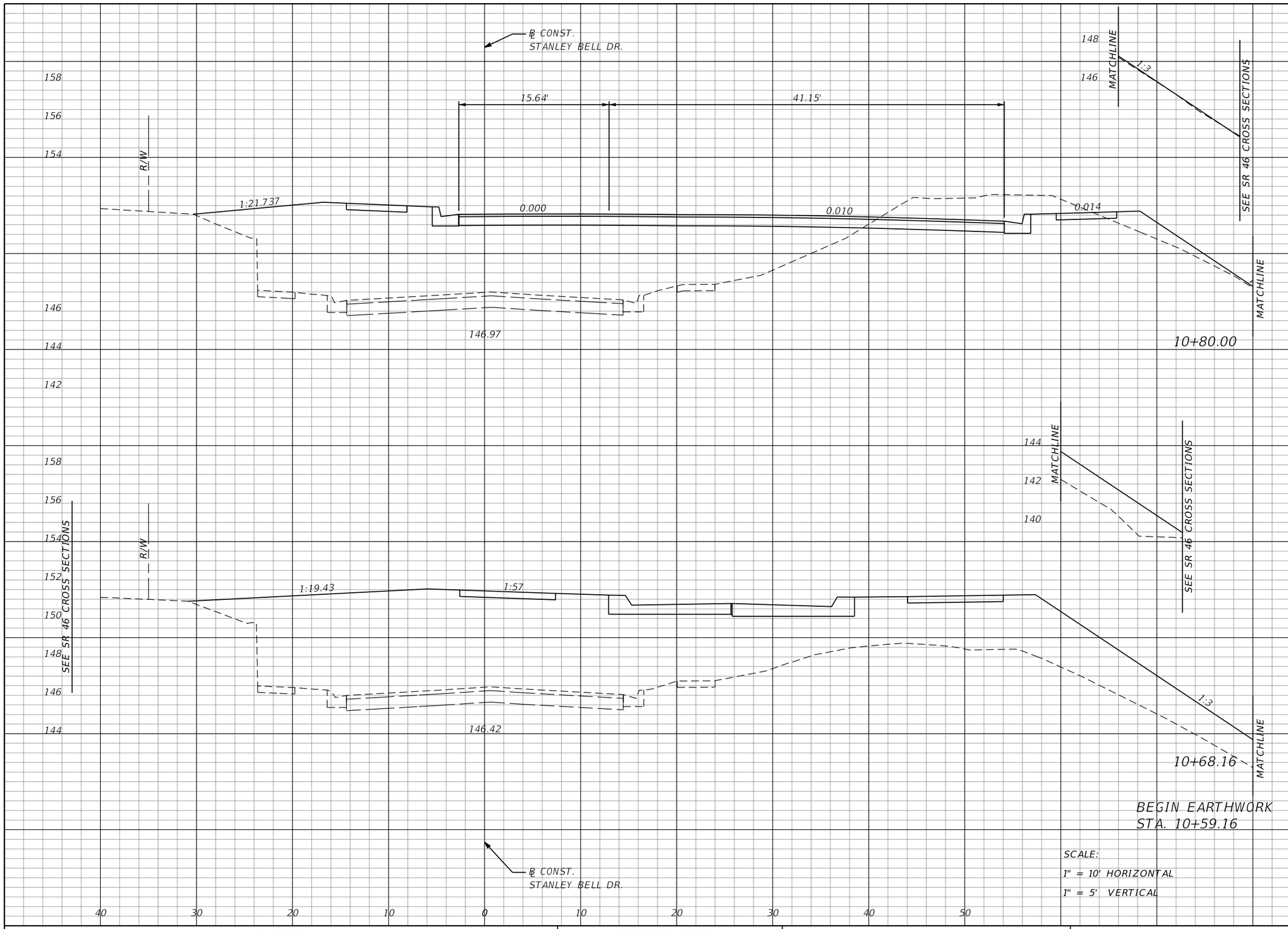
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
PINECREST ROAD

SHEET NO.
406

jcapra 3/28/2016 10:21:12 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD05.DGN



Regular Exc.		Embankment	
A	V	A	V
32	7	230	134
0	0	379	0

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

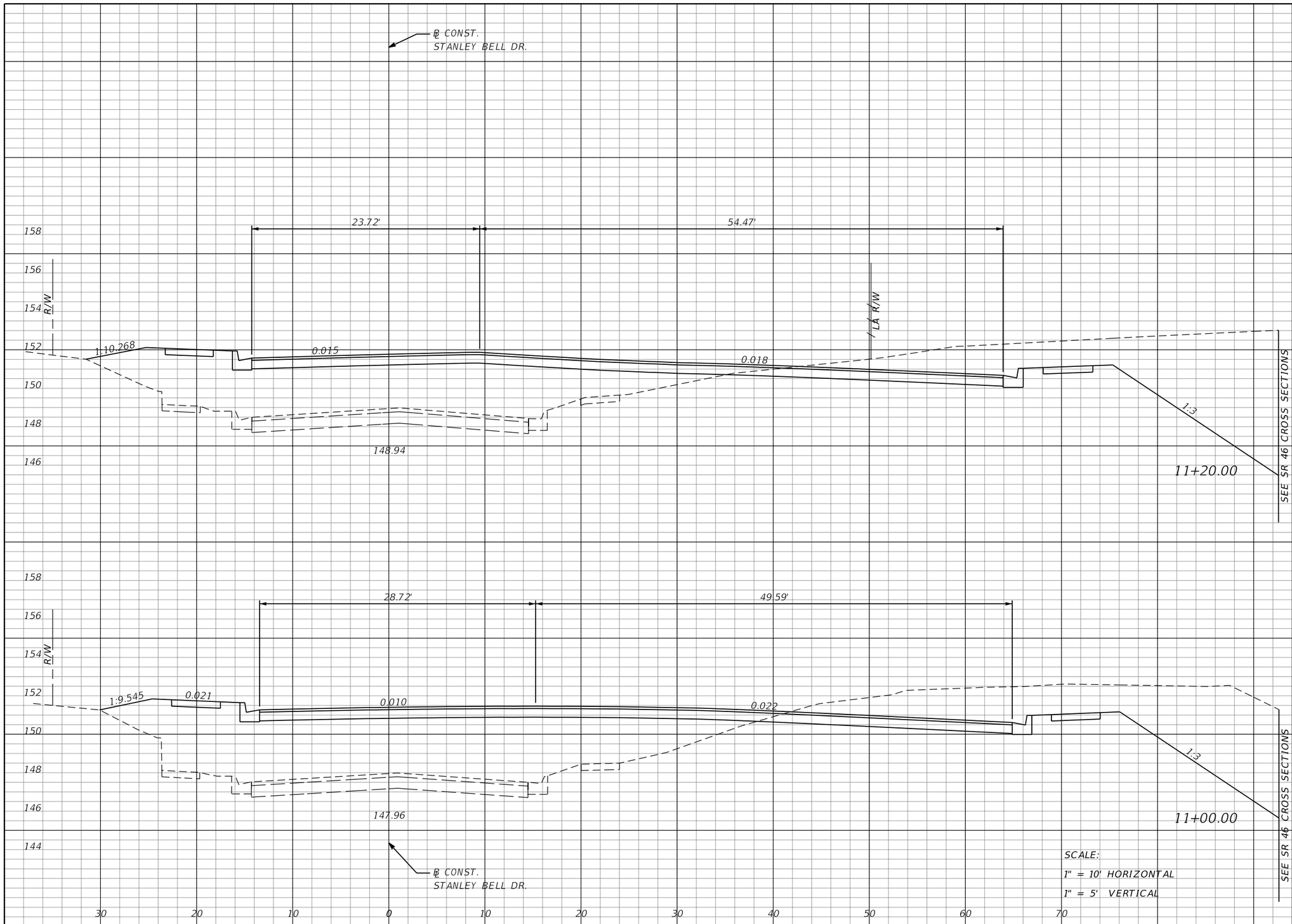
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
STANLEY BELL DR.

SHEET NO. 407

jcapra 3/28/2016 10:21:12 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD05.DGN



Regular Exc.		Embankment	
A	V	A	V
128	94	131	113
127	59	173	149

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

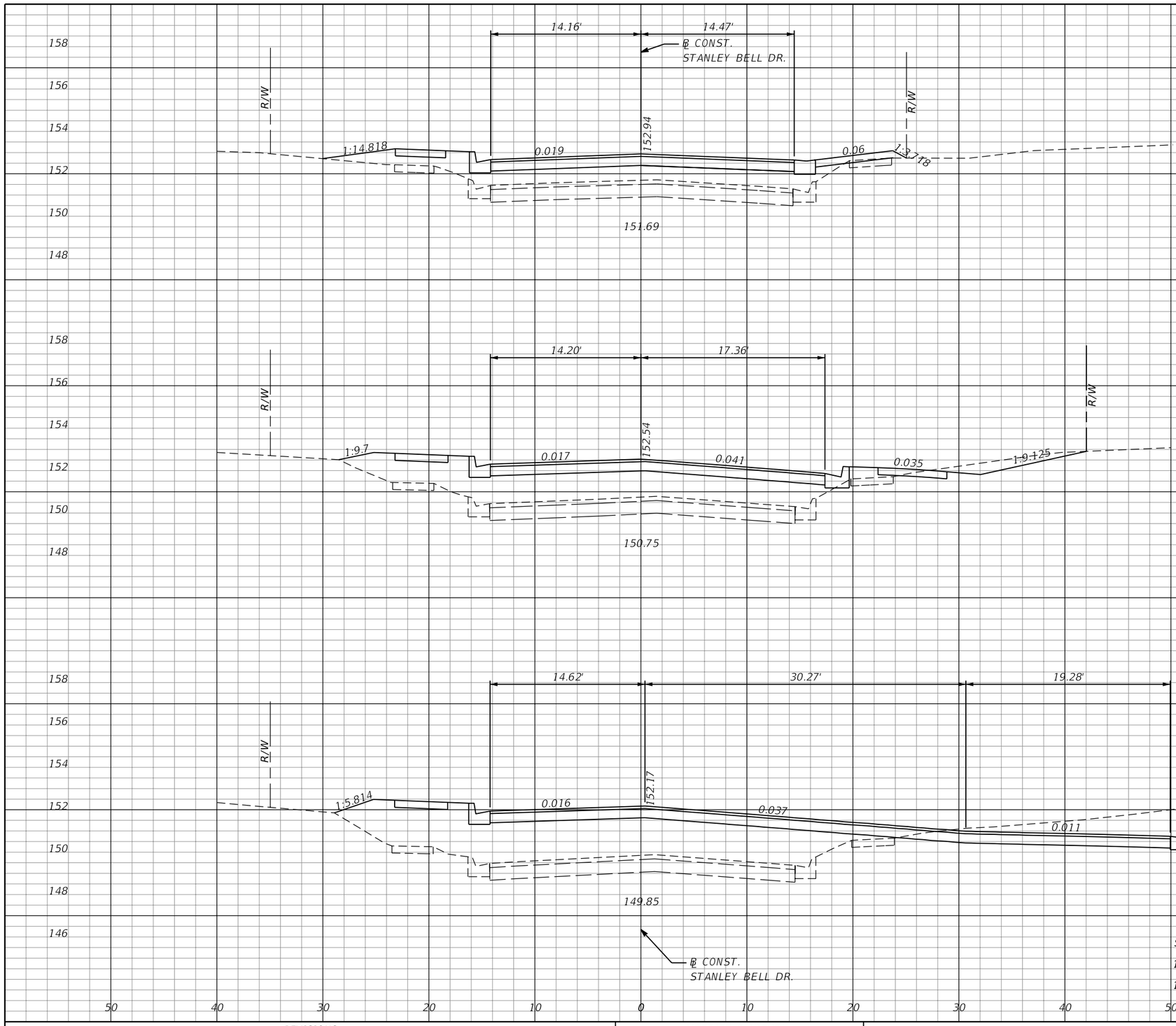
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
STANLEY BELL DR.

SHEET NO. 408

jcapra 3/28/2016 10:21:13 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD05.DGN



SCALE:
1" = 10' HORIZONTAL
1" = 5' VERTICAL

Regular Exc.		Embankment	
A	V	A	V
0	2	31	32
6	22	55	51
53	67	82	79

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

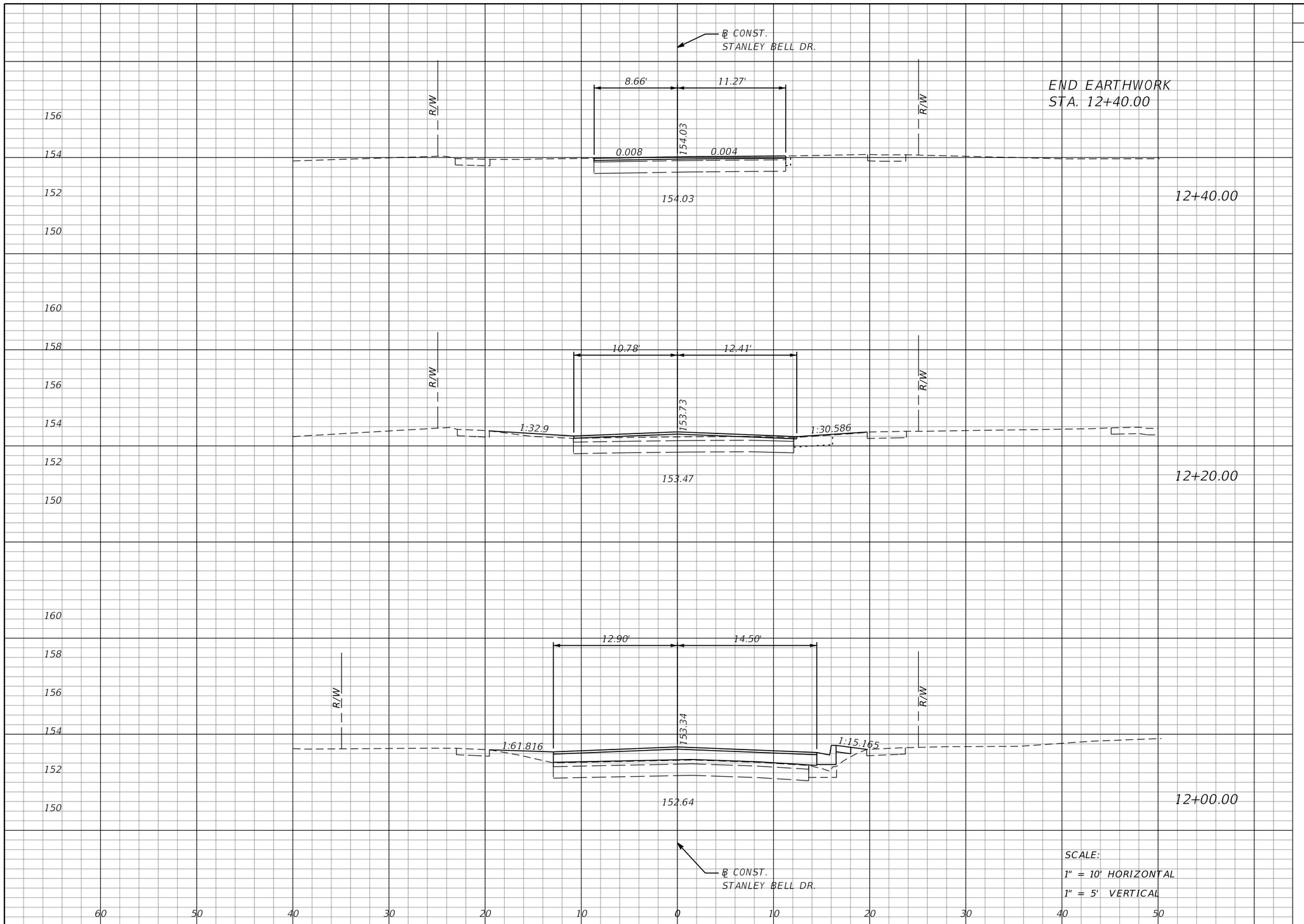
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
STANLEY BELL DR.

SHEET NO. 409

jcapra 3/28/2016 10:21:13 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD05.DGN



Regular Exc.		Embankment	
A	V	A	V
0	0	0	1
0	0	2	2
0	0	4	13

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

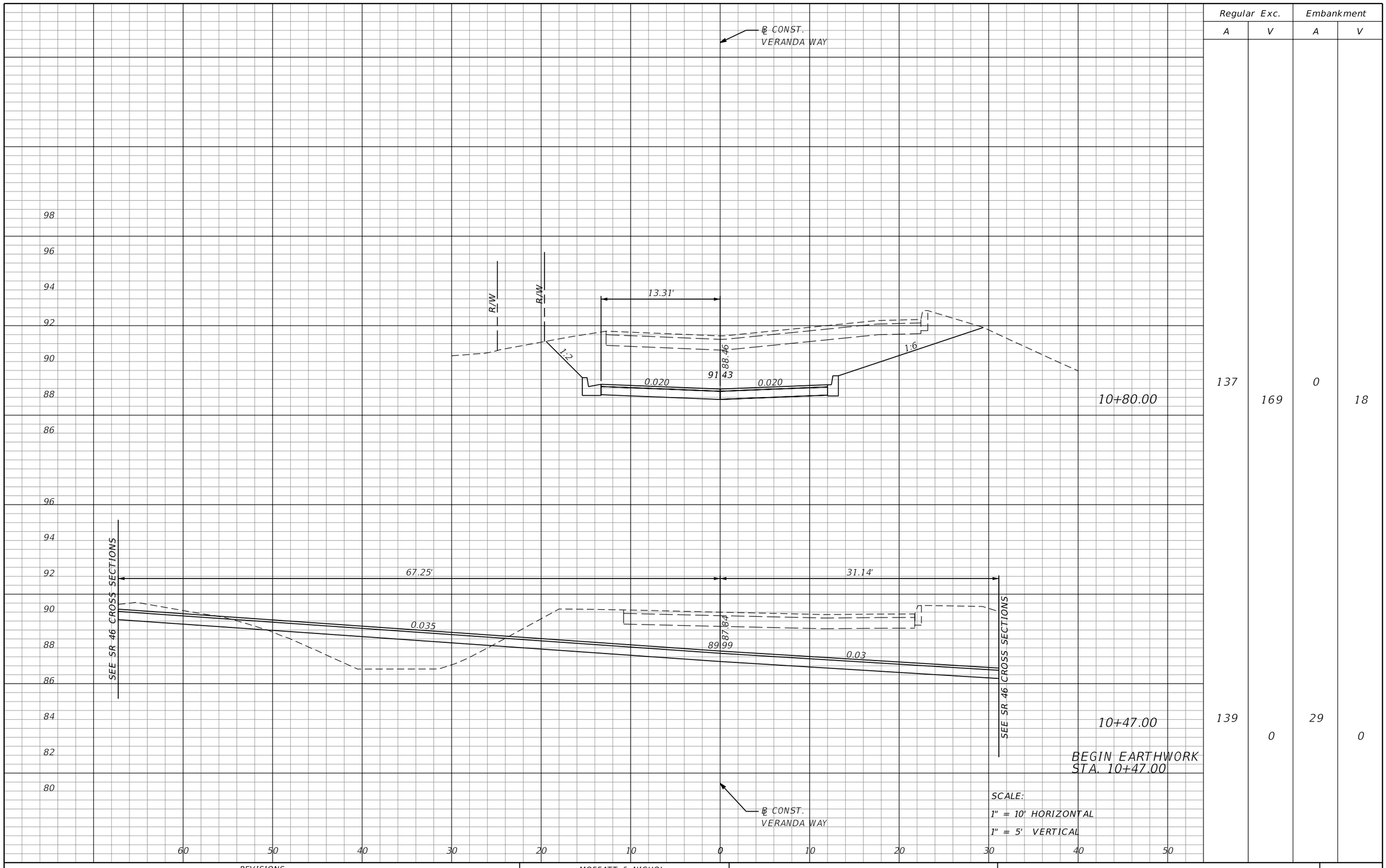
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
STANLEY BELL DR.

SHEET NO. 410

jcapra 3/28/2016 10:21:14 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD05.DGN



Regular Exc.		Embankment	
A	V	A	V
137	169	0	18
139	0	29	0

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

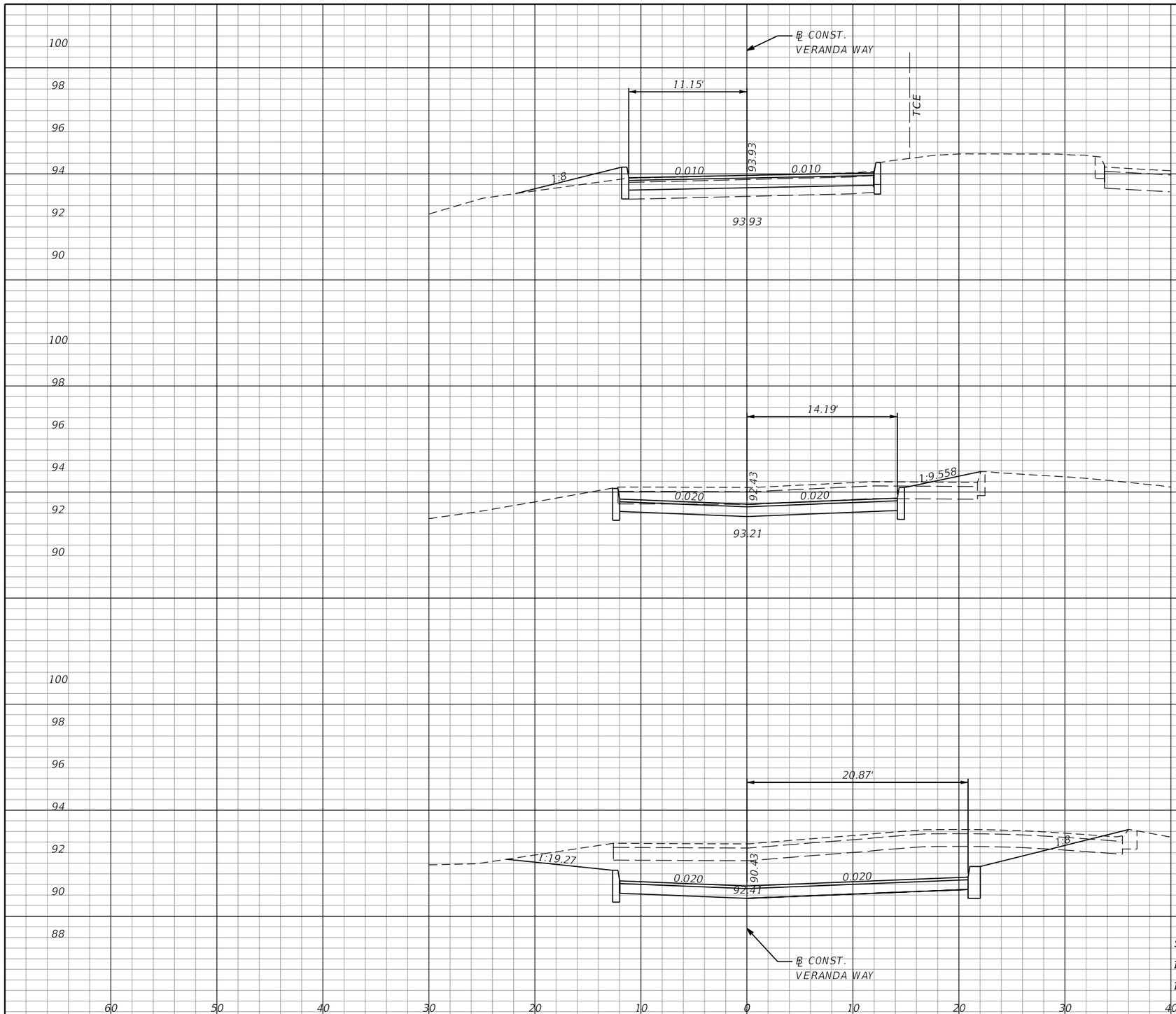
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
VERANDA WAY

SHEET NO. 411

jcapra 3/28/2016 10:21:15 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD05.DGN



Regular Exc.		Embankment	
A	V	A	V
15	29	3	2
37	54	1	1
109	91	0	0

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

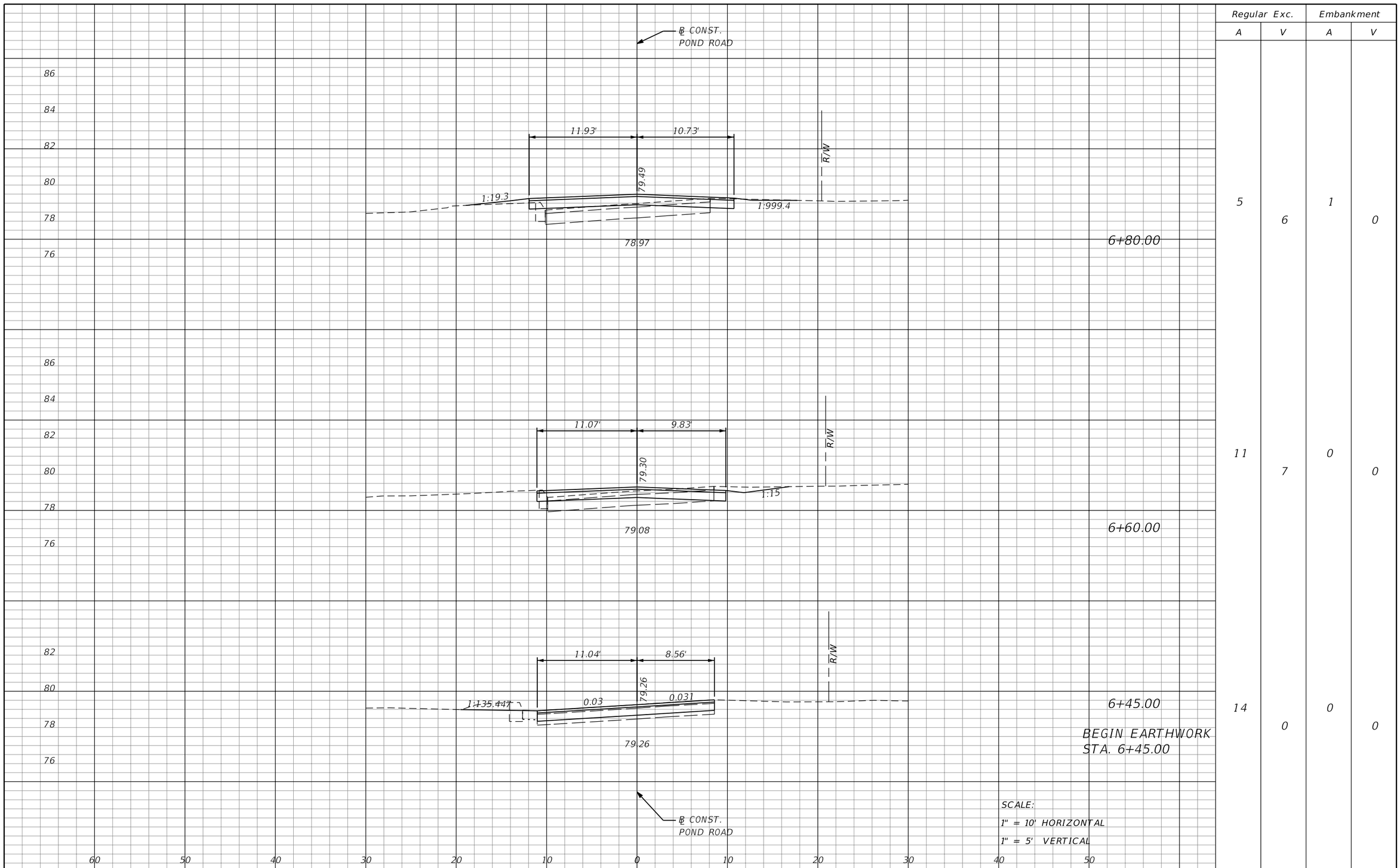
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
VERANDA WAY

SHEET NO. 412

jcapra 3/28/2016 10:21:15 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD05.DGN



Regular Exc.		Embankment	
A	V	A	V
5	6	1	0
11	7	0	0
14	0	0	0

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

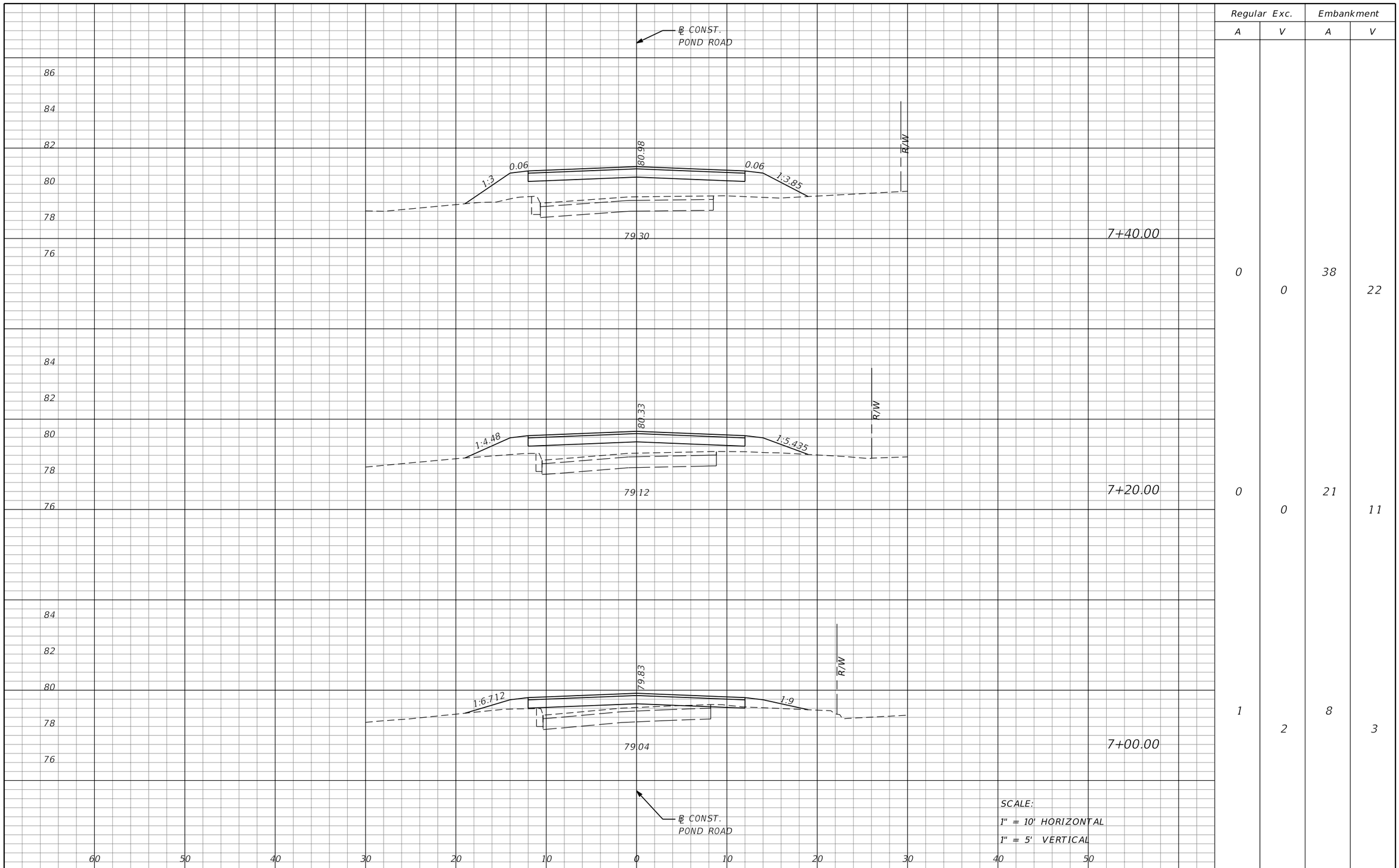
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
POND ROAD

SHEET NO. 413

jcapra 3/28/2016 10:21:16 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD05.DGN



Regular Exc.		Embankment	
A	V	A	V
0	0	38	22
0	0	21	11
1	2	8	3

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

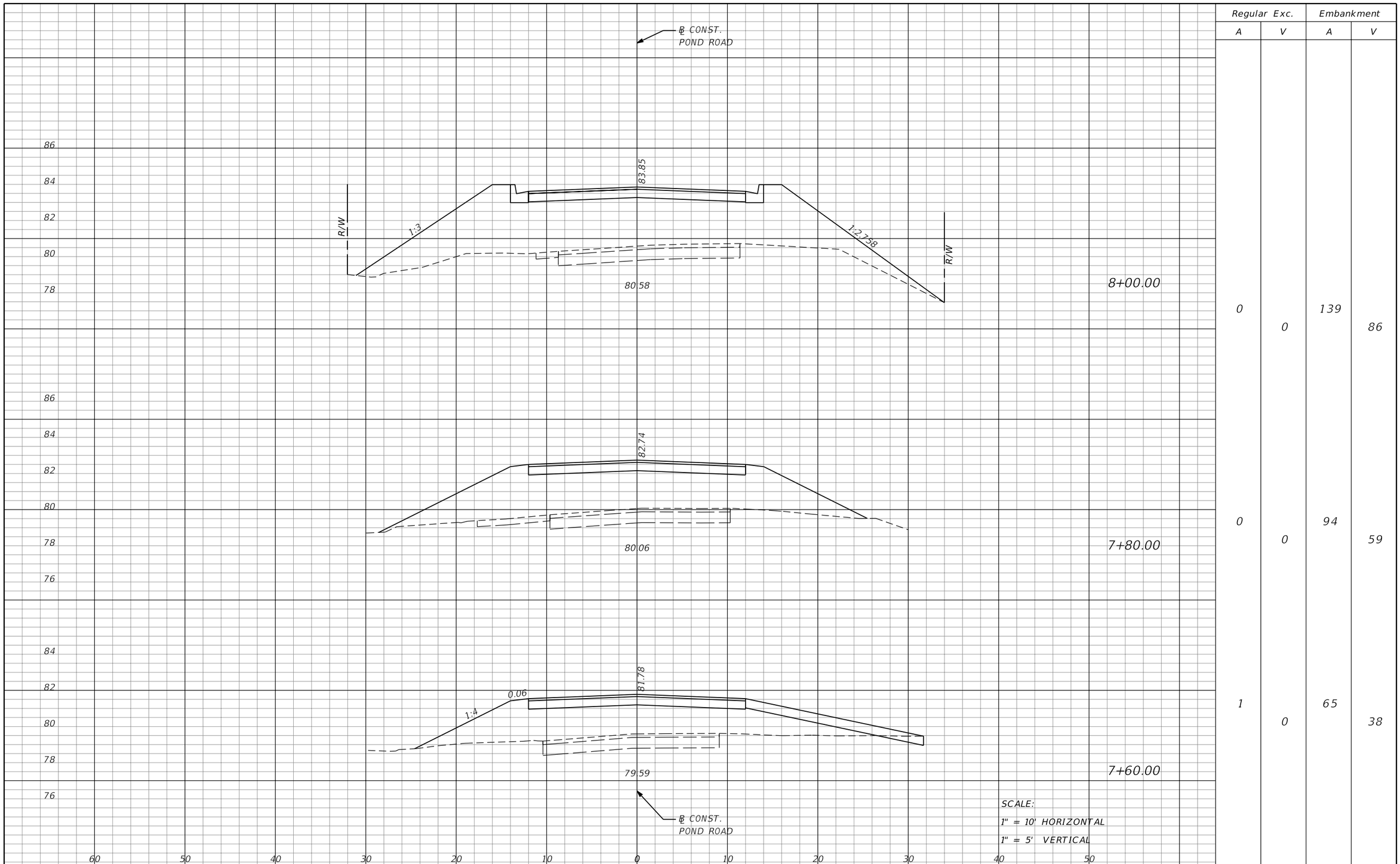
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
POND ROAD

SHEET NO. 414

jcapra 3/28/2016 10:21:16 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD05.DGN



Regular Exc.		Embankment	
A	V	A	V
0	0	139	86
0	0	94	59
1	0	65	38

SCALE:
1" = 10' HORIZONTAL
1" = 5' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

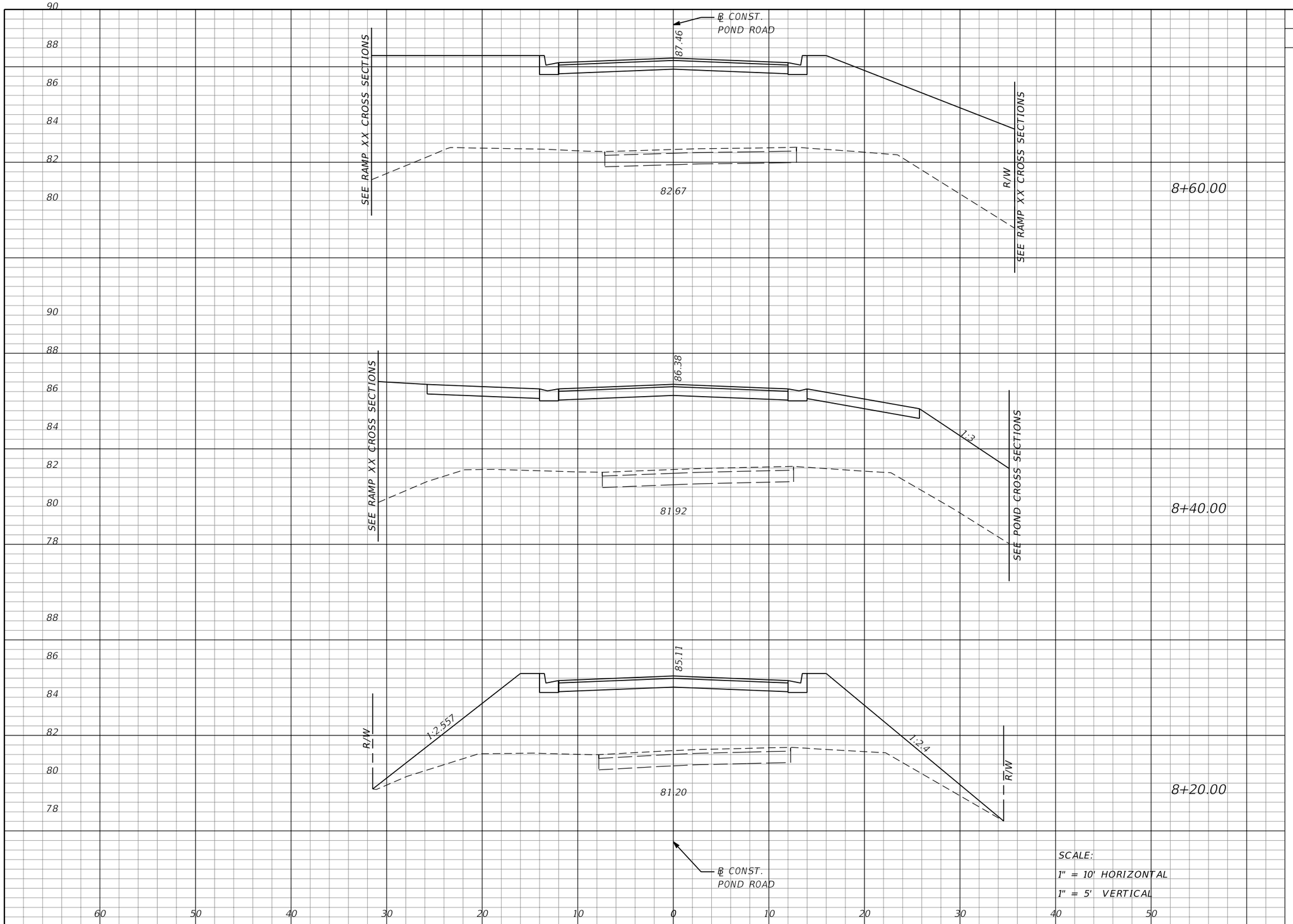
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
POND ROAD

SHEET NO. 415

jcapra 3/28/2016 10:21:17 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD05.DGN



SCALE:
1" = 10' HORIZONTAL
1" = 5' VERTICAL

Regular Exc.		Embankment	
A	V	A	V
0	0	302	207
0	0	258	155
0	0	161	111

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

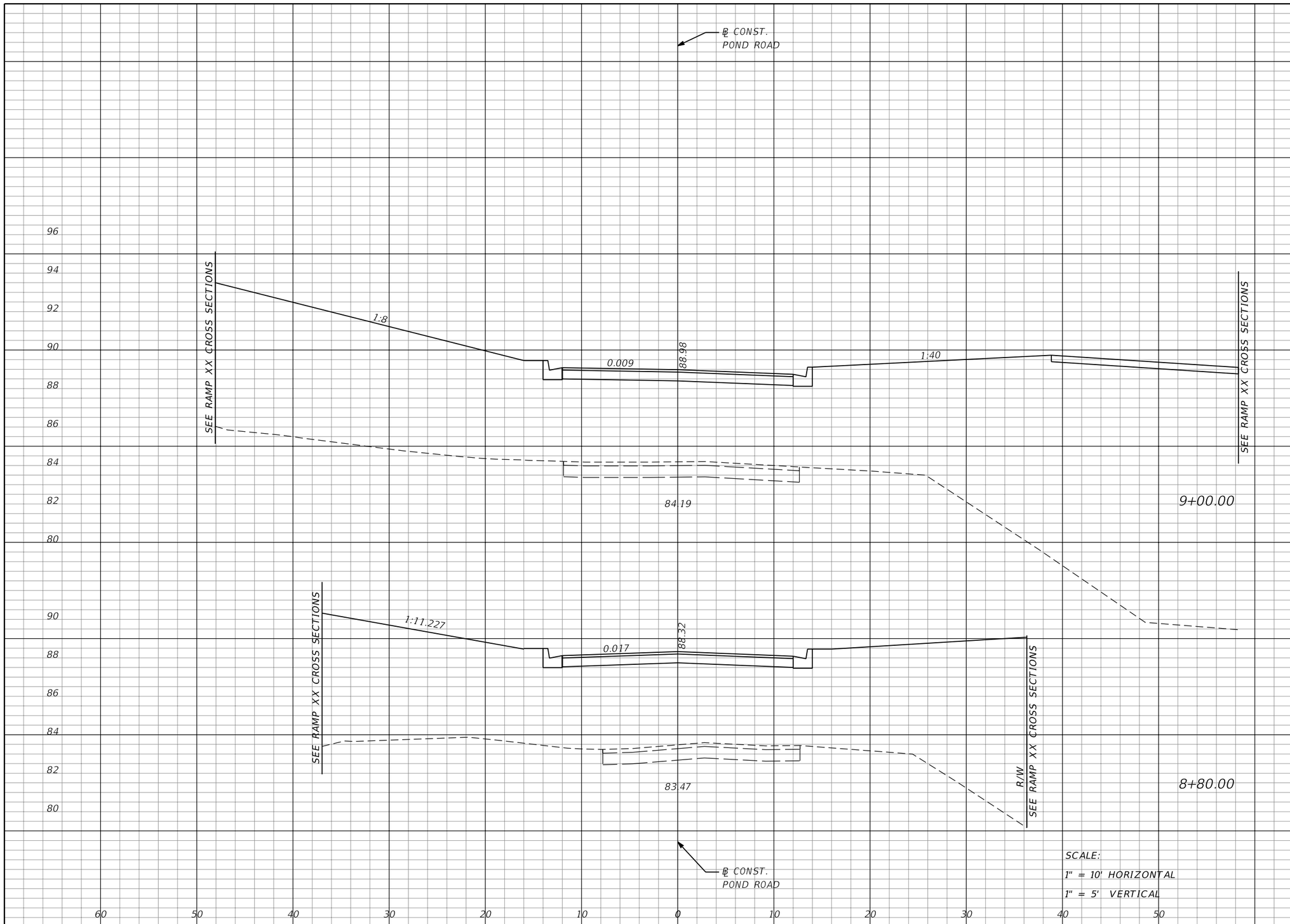
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
POND ROAD

SHEET NO. 416

jcapra 3/28/2016 10:21:18 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD05.DGN



Regular Exc.		Embankment	
A	V	A	V
0	0	752	414
0	0	366	247

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

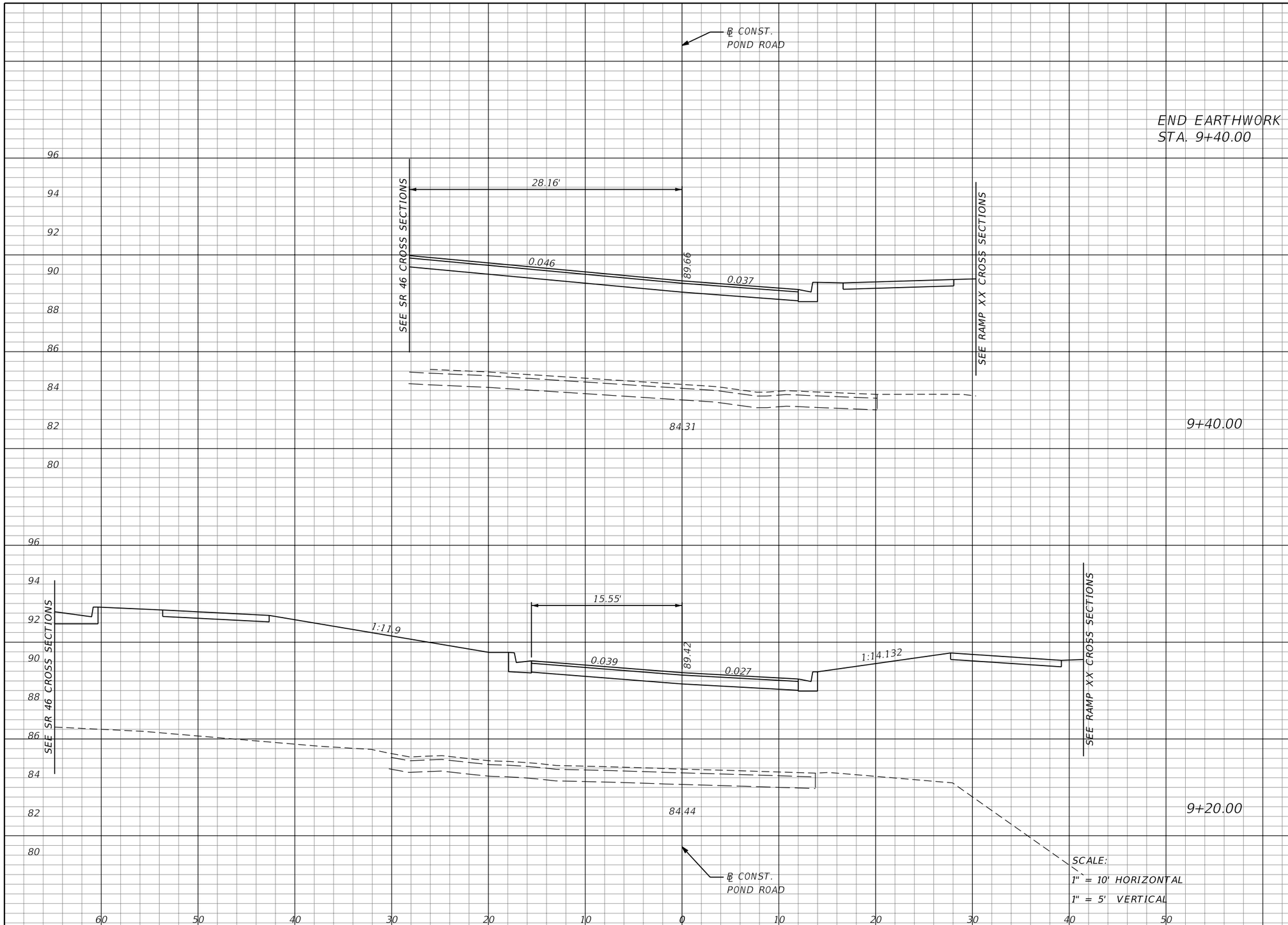
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
POND ROAD

SHEET NO. 417

jcapra 3/28/2016 10:21:18 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD05.DGN



Regular Exc.		Embankment	
A	V	A	V
0	0	304	344
0	0	624	510

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

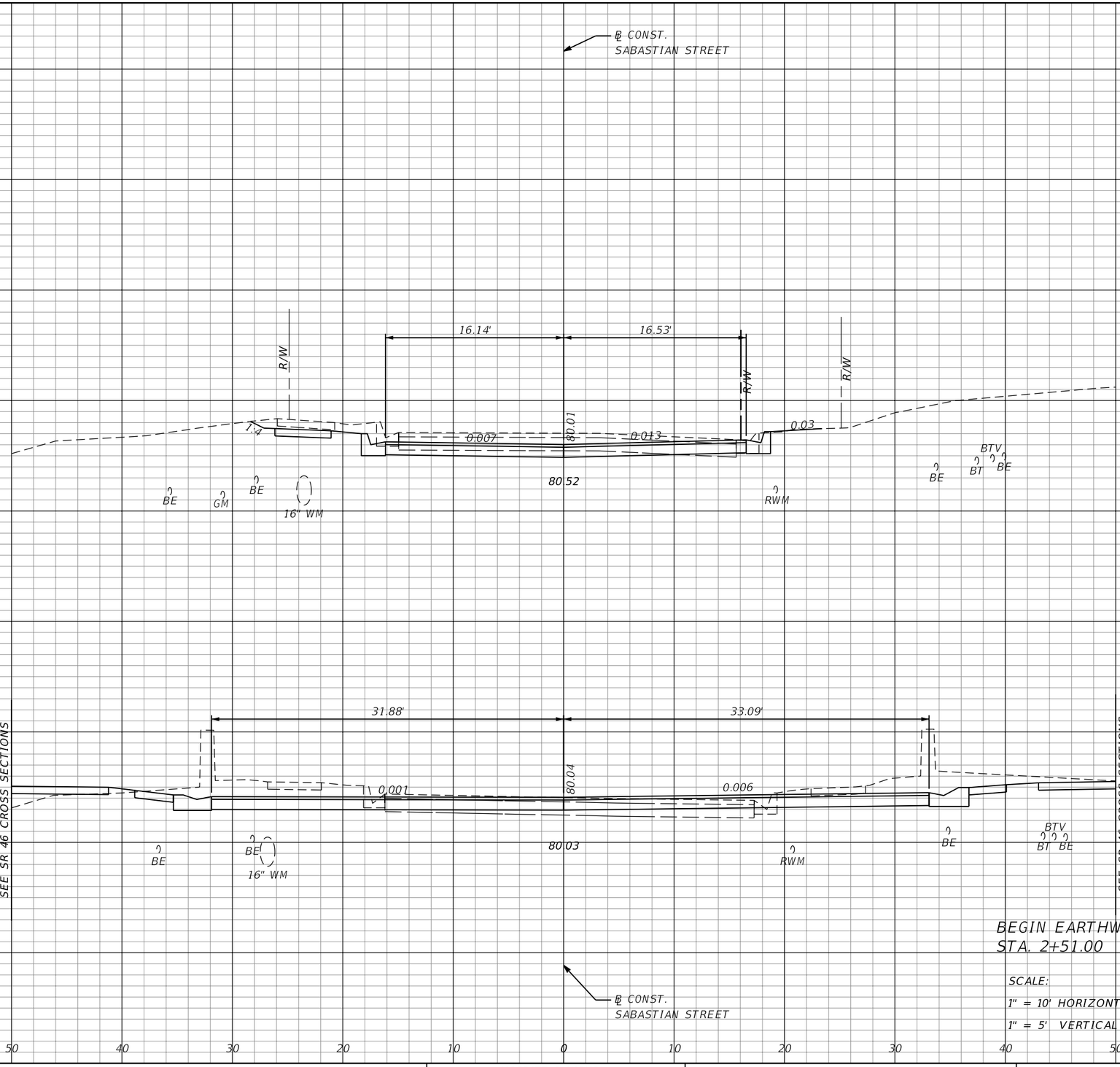
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
POND ROAD

SHEET NO. 418

jcapra 3/28/2016 10:21:19 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD05.DGN



Regular Exc.		Embankment	
A	V	A	V
51	50	0	0
83	0	1	0

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

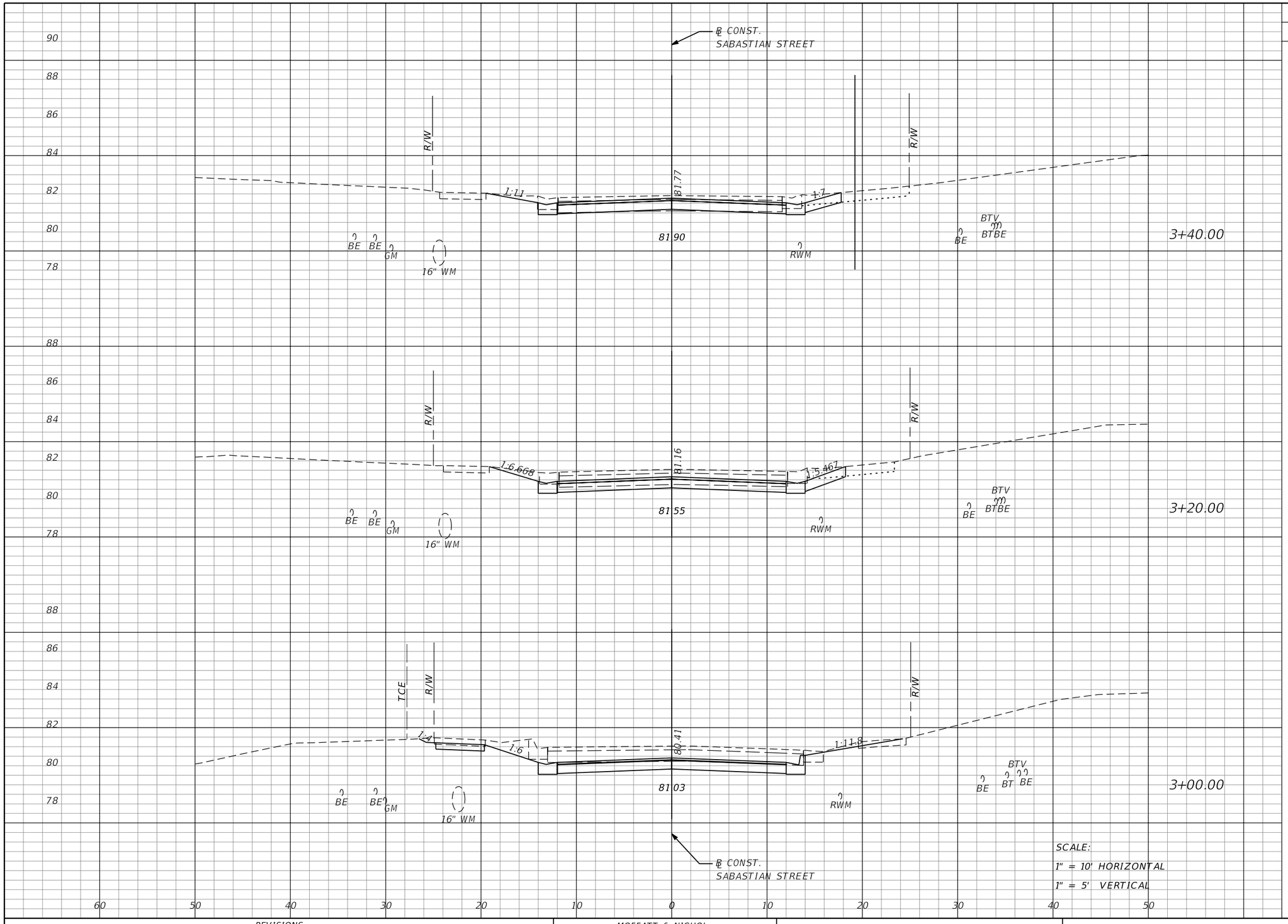
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SABASTIAN STREET

SHEET NO. 419

jcapra 3/28/2016 10:21:19 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD05.DGN



Regular Exc.		Embankment	
A	V	A	V
25	22	0	0
33	28	0	0
43	35	0	0

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

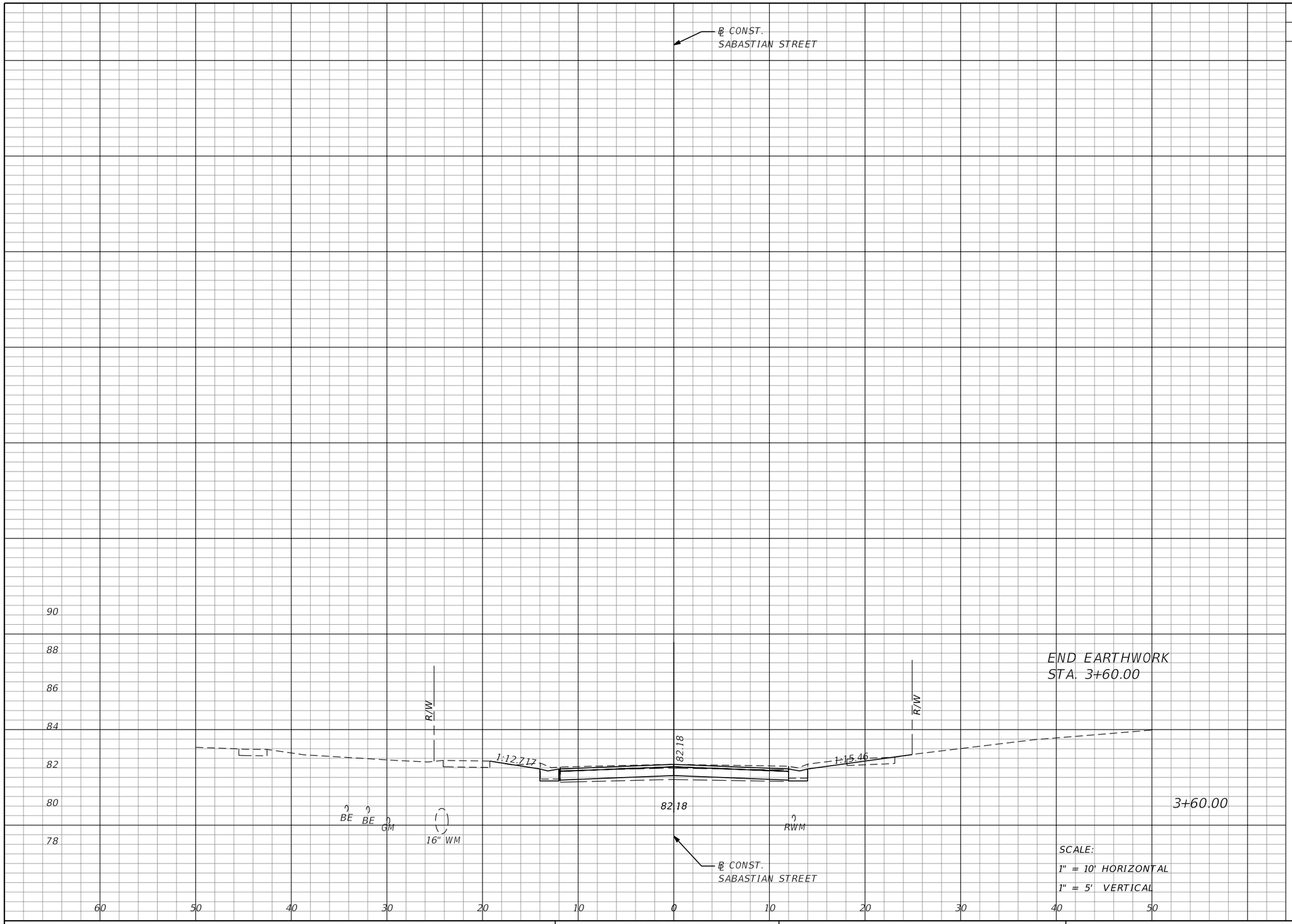
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SABASTIAN STREET

SHEET NO. 420

jcapra 3/28/2016 10:21:20 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD05.DGN



Regular Exc.		Embankment	
A	V	A	V
19	16	0	0

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

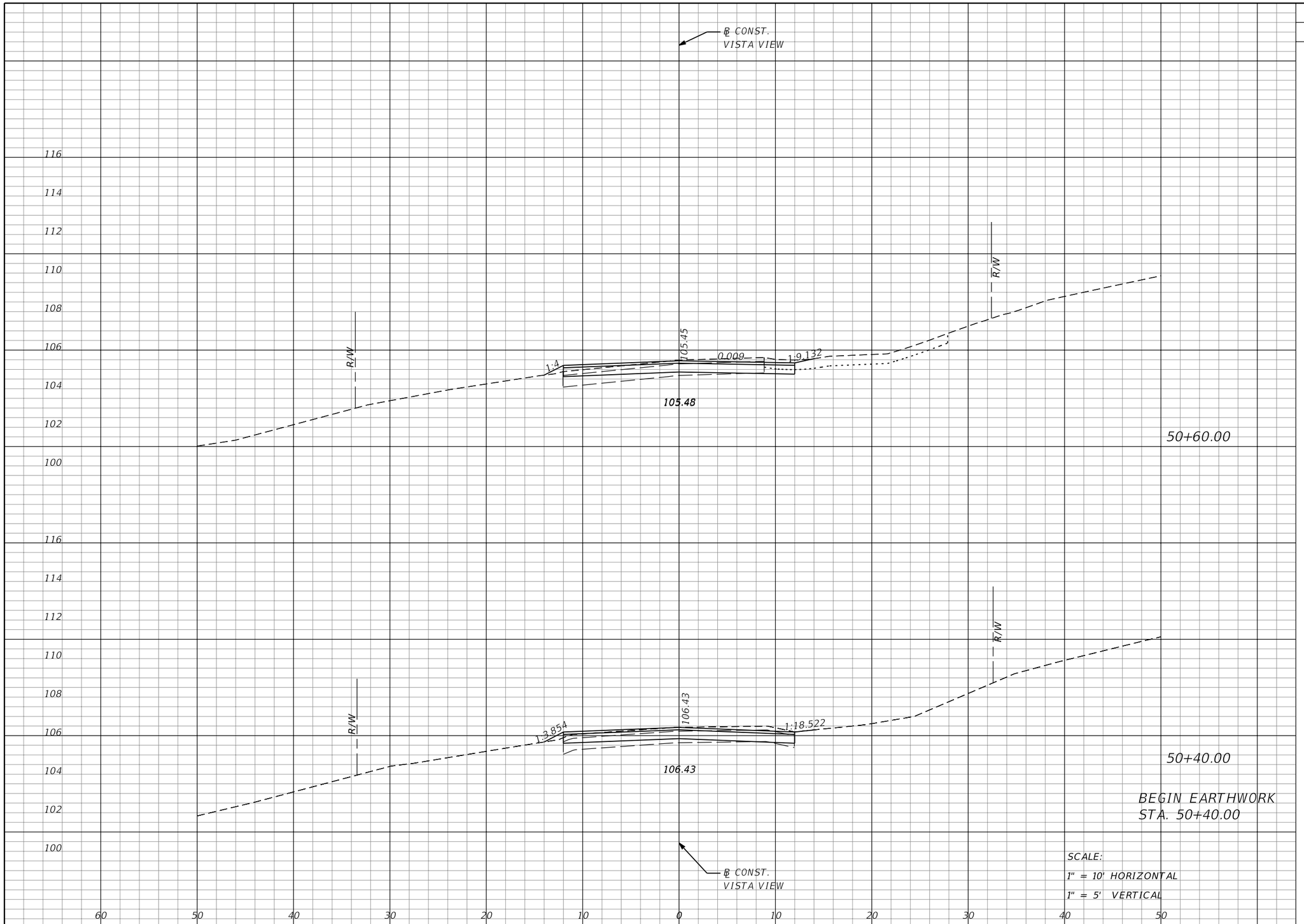
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SABASTIAN STREET

SHEET NO. 421

jcapra 3/28/2016 10:21:21 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD05.DGN



Regular Exc.		Embankment	
A	V	A	V
14	11	0	0
15	0	0	0

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

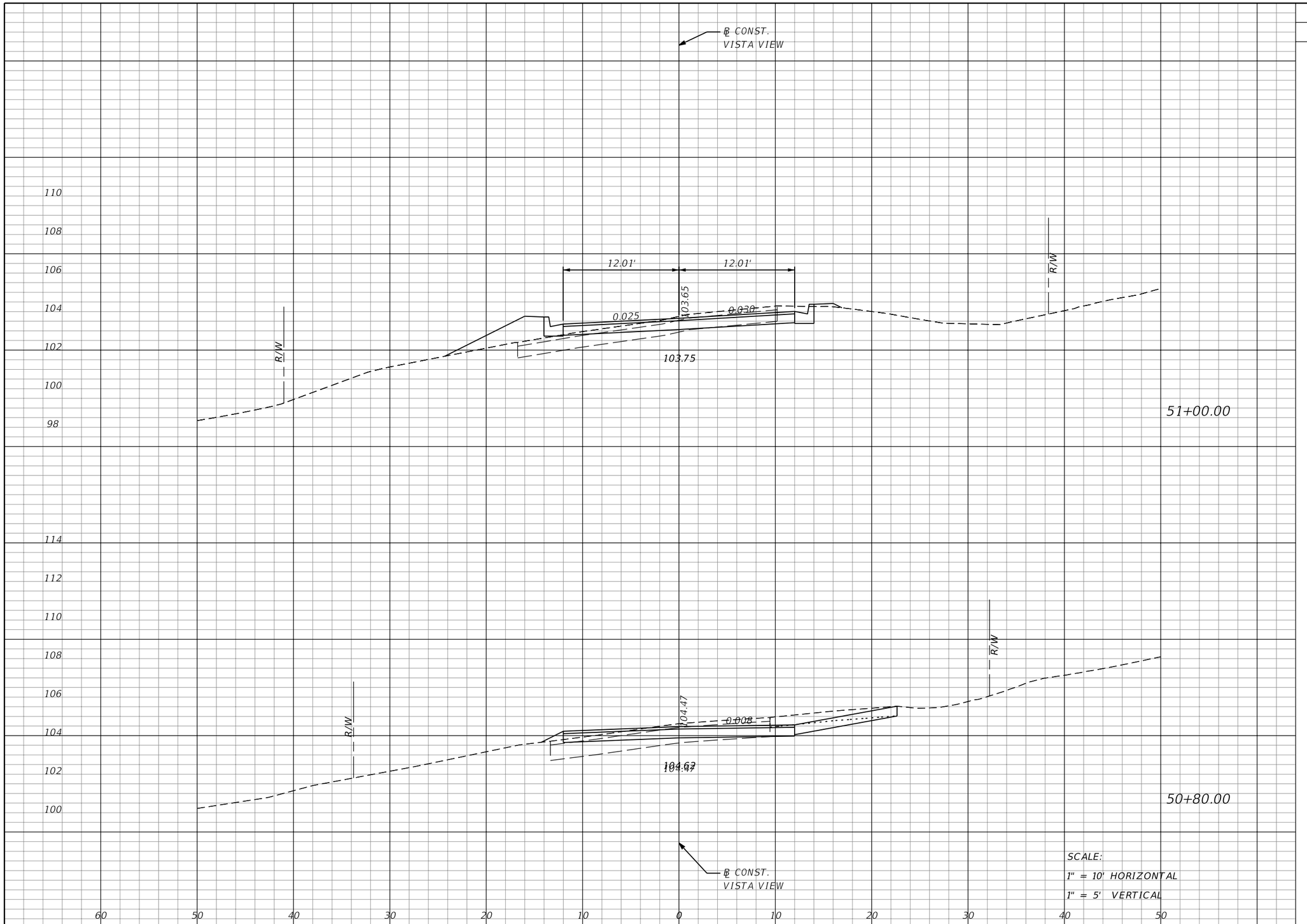
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
VISTA VIEW

SHEET NO. 422

jcapra 3/28/2016 10:21:21 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD05.DGN



Regular Exc.		Embankment	
A	V	A	V
16	15	8	3
24	14	0	0

SCALE:
1" = 10' HORIZONTAL
1" = 5' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

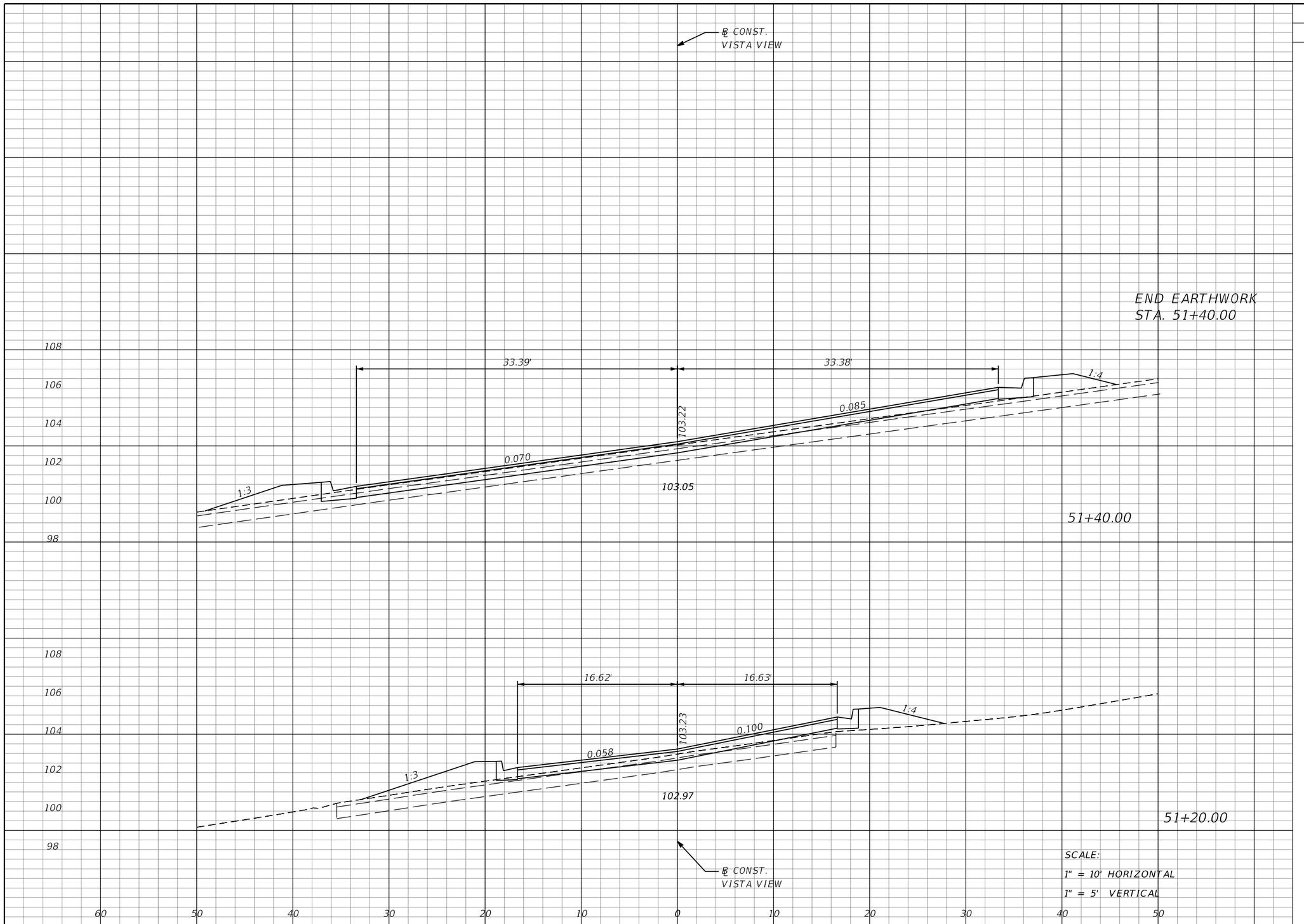
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
VISTA VIEW

SHEET NO. 423

jcapra 3/28/2016 10:21:22 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD05.DGN



Regular Exc.		Embankment	
A	V	A	V
20	9	13	11
5	8	16	9

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

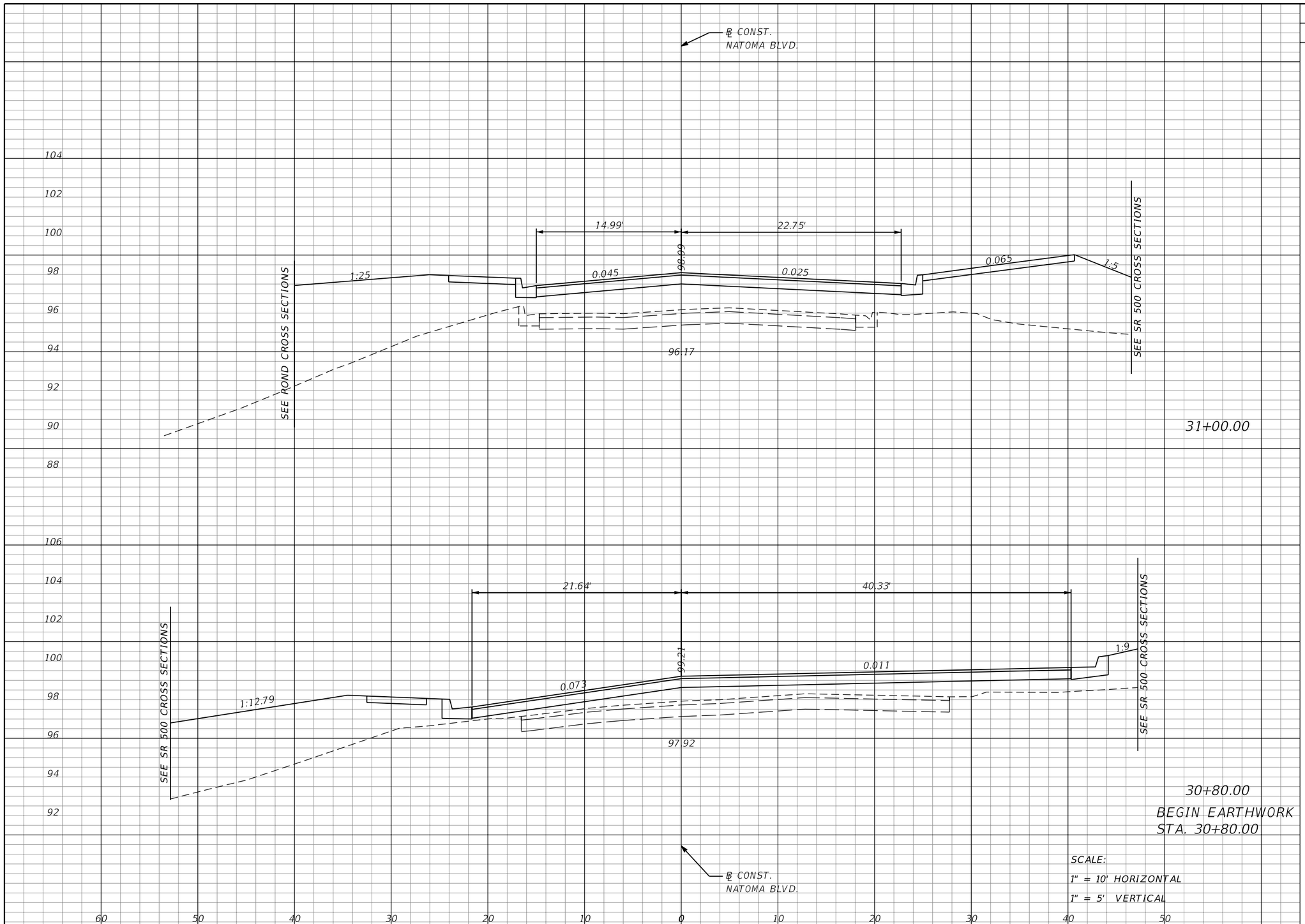
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
VISTA VIEW

SHEET NO. 424

jcapra 3/28/2016 10:21:23 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD05.DGN



Regular Exc.		Embankment	
A	V	A	V
0	0	177	105
0	0	107	0

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

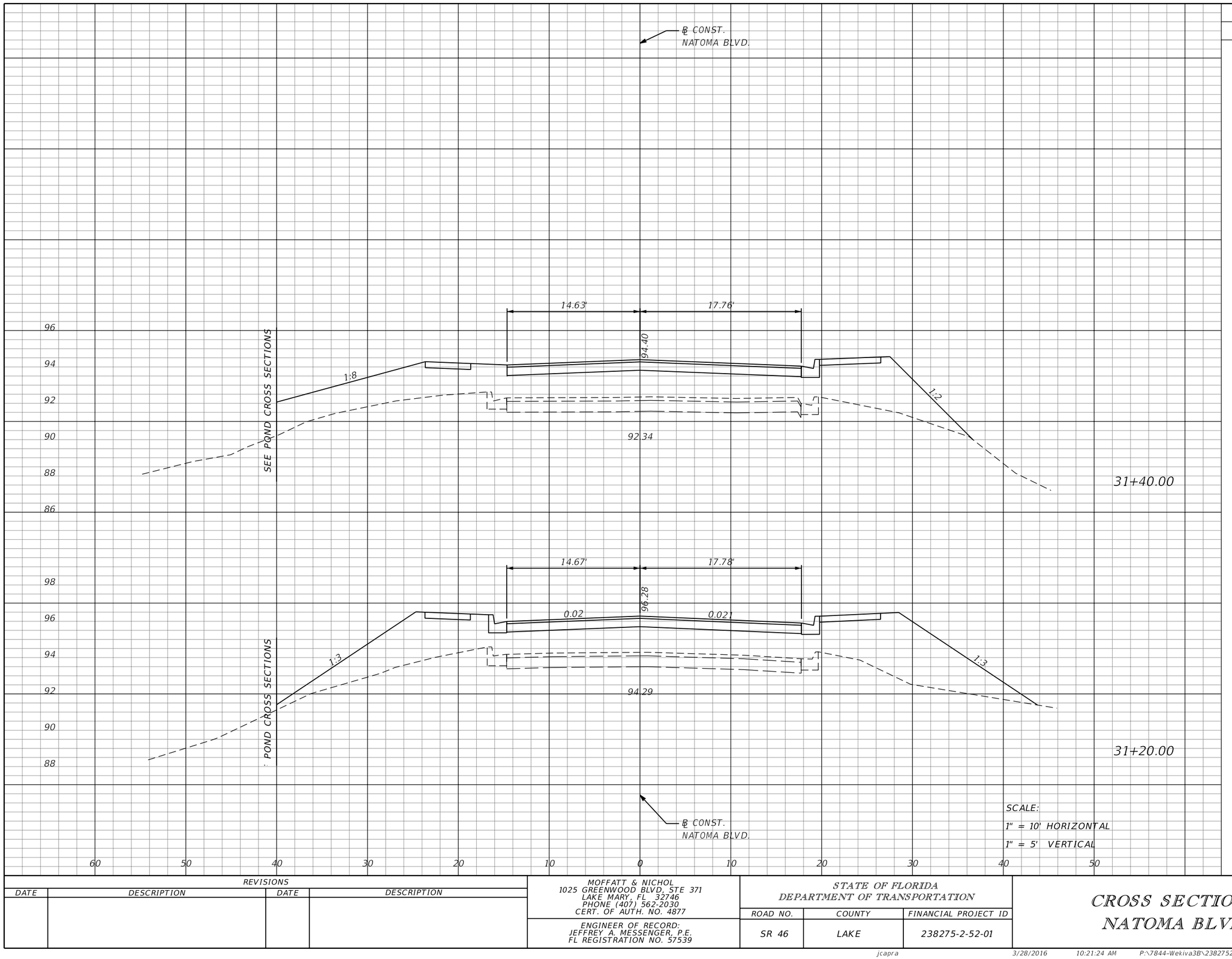
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
NATOMA BLVD.

SHEET NO. 425

jcapra 3/28/2016 10:21:23 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD05.DGN



Regular Exc.		Embankment	
A	V	A	V
0	0	118	94
0	0	137	116

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

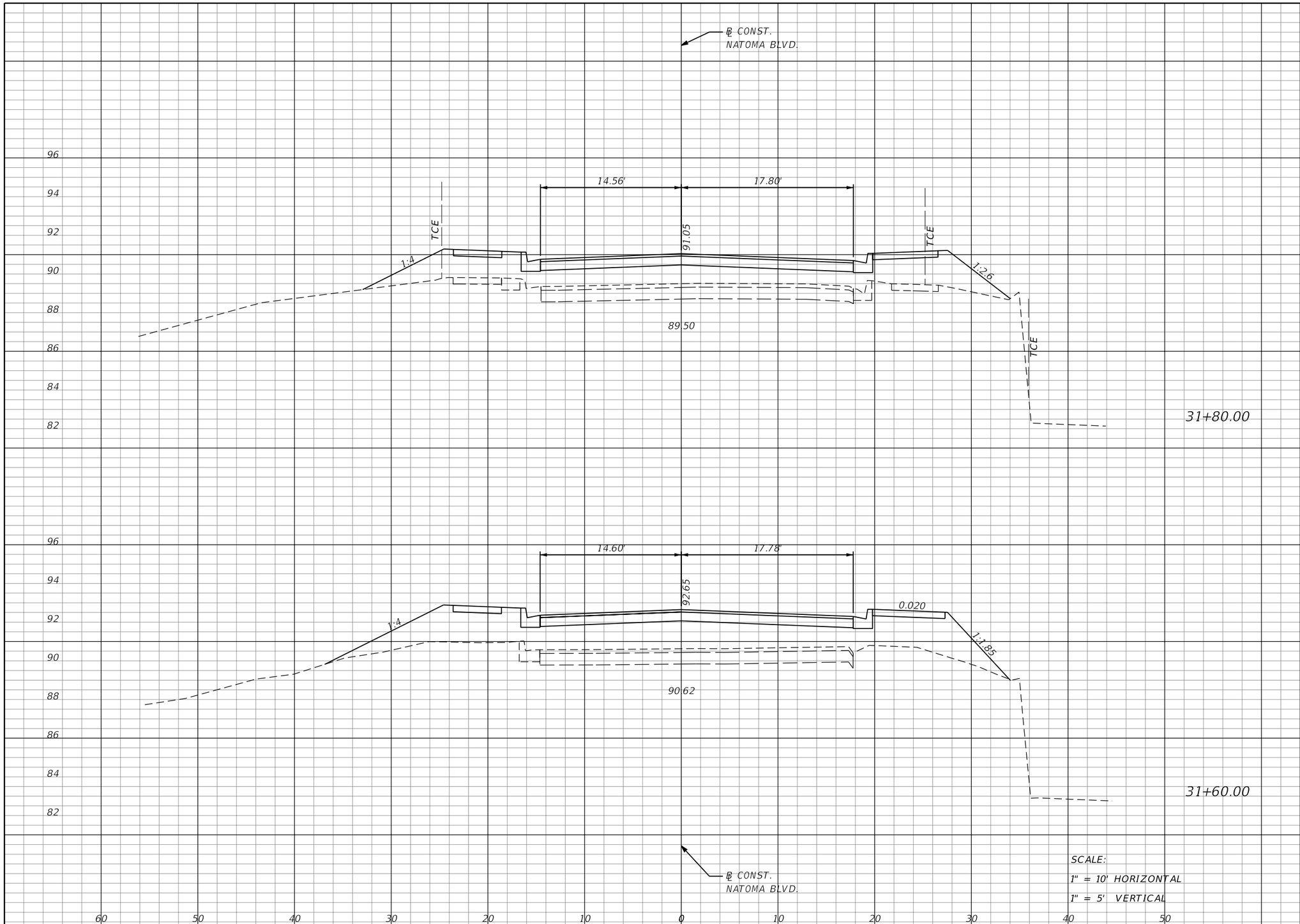
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
NATOMA BLVD.

SHEET NO. 426

jcapra 3/28/2016 10:21:24 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD05.DGN



Regular Exc.		Embankment	
A	V	A	V
0	0	64	57
0	0	89	77

SCALE:
1" = 10' HORIZONTAL
1" = 5' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

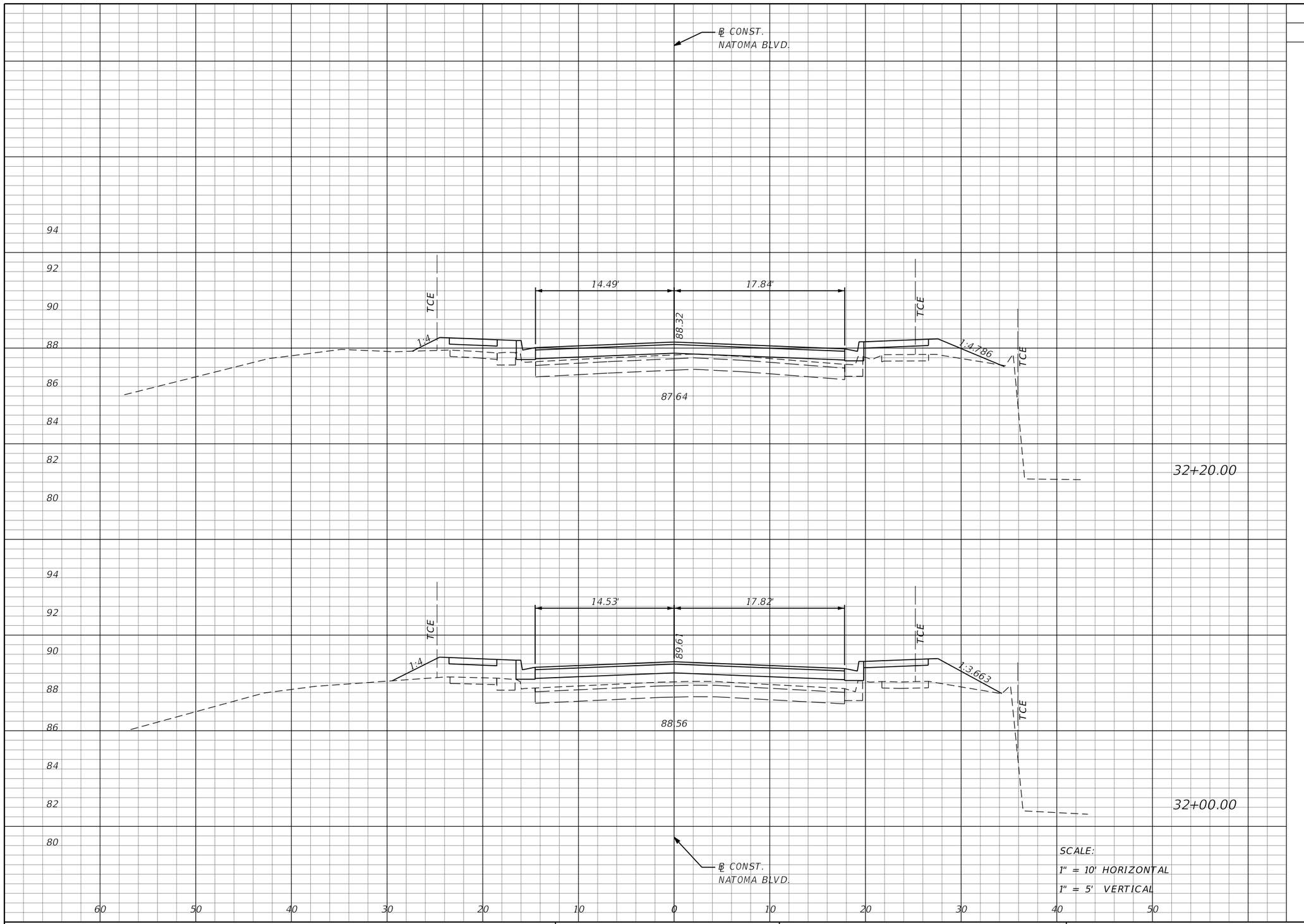
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
NATOMA BLVD.

SHEET NO. 427

jcapra 3/28/2016 10:21:24 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD05.DGN



Regular Exc.		Embankment	
A	V	A	V
0	0	11	17
0	0	35	37

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

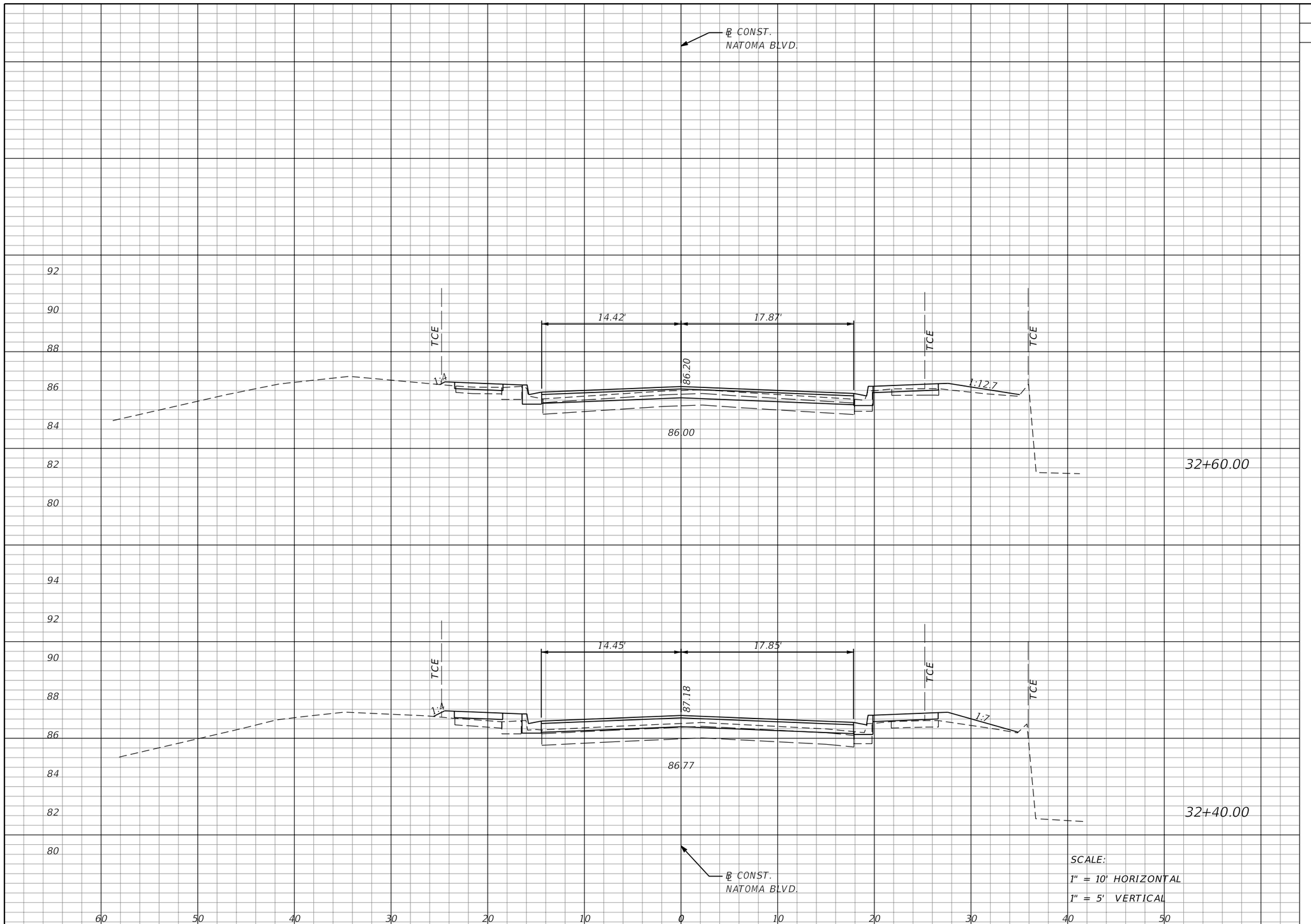
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
NATOMA BLVD.

SHEET NO. 428

jcapra 3/28/2016 10:21:25 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD05.DGN



Regular Exc.		Embankment	
A	V	A	V
15	8	2	2
7	3	4	6

SCALE:
1" = 10' HORIZONTAL
1" = 5' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

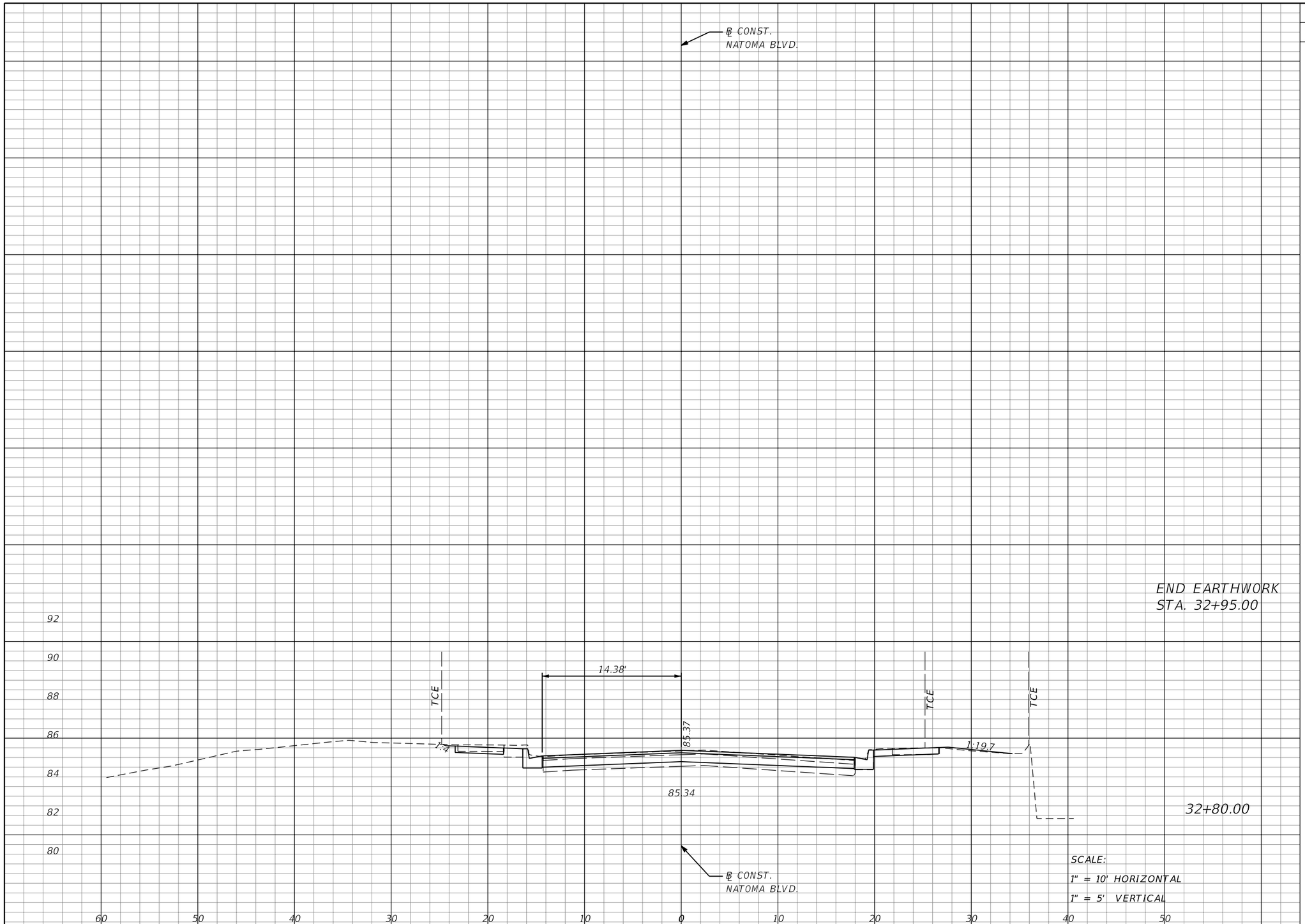
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
NATOMA BLVD.

SHEET NO. 429



Regular Exc.		Embankment	
A	V	A	V
26	15	0	1

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

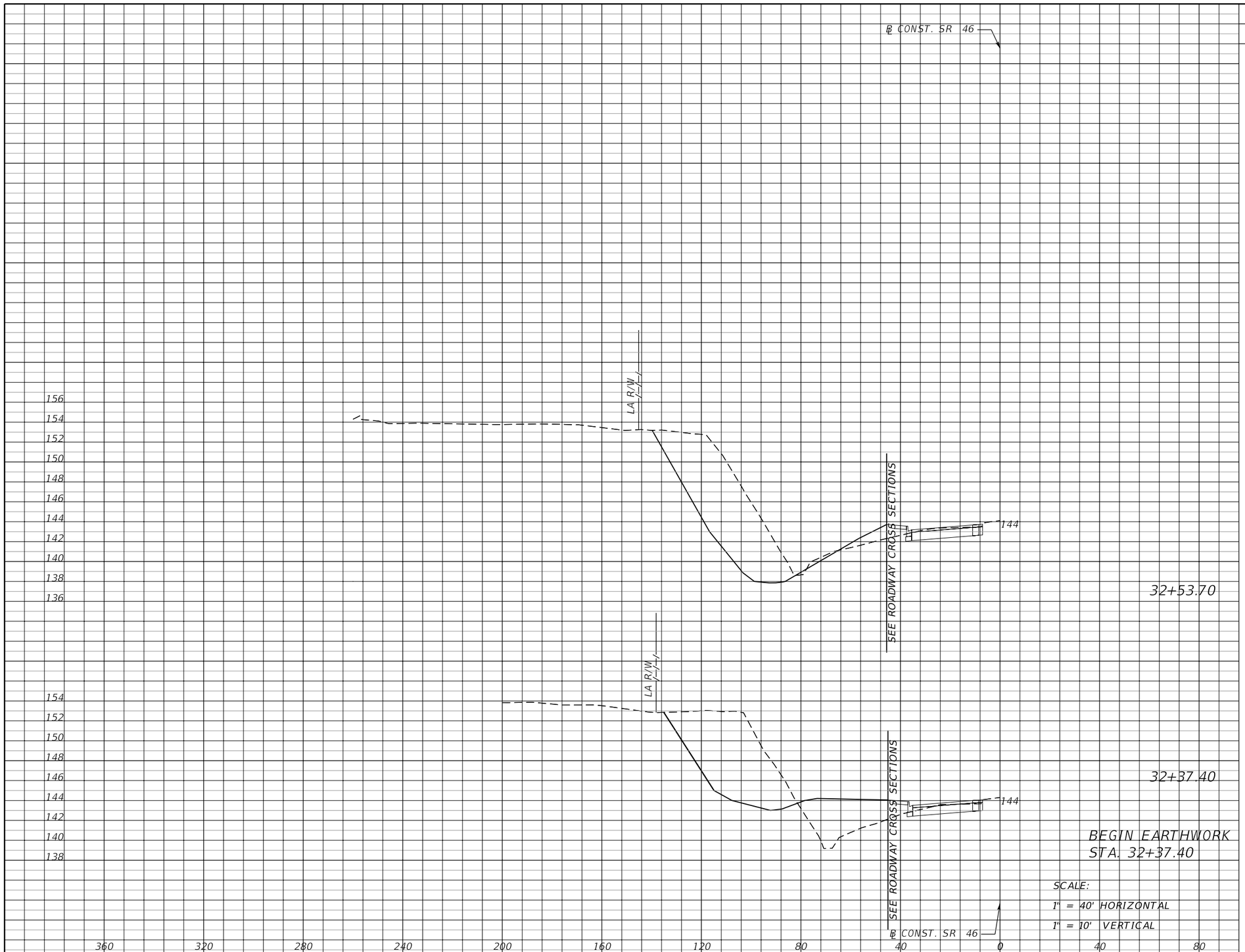
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
NATOMA BLVD.

SHEET NO. 430

jcapra 3/28/2016 10:21:26 AM P:\7844-Wekiva3B\23827525201\roadway\RDXSRD05.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	339	190	16	38
0	0	289	0	111	0

32+53.70

32+37.40

BEGIN EARTHWORK
STA. 32+37.40

SCALE:
1" = 40' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

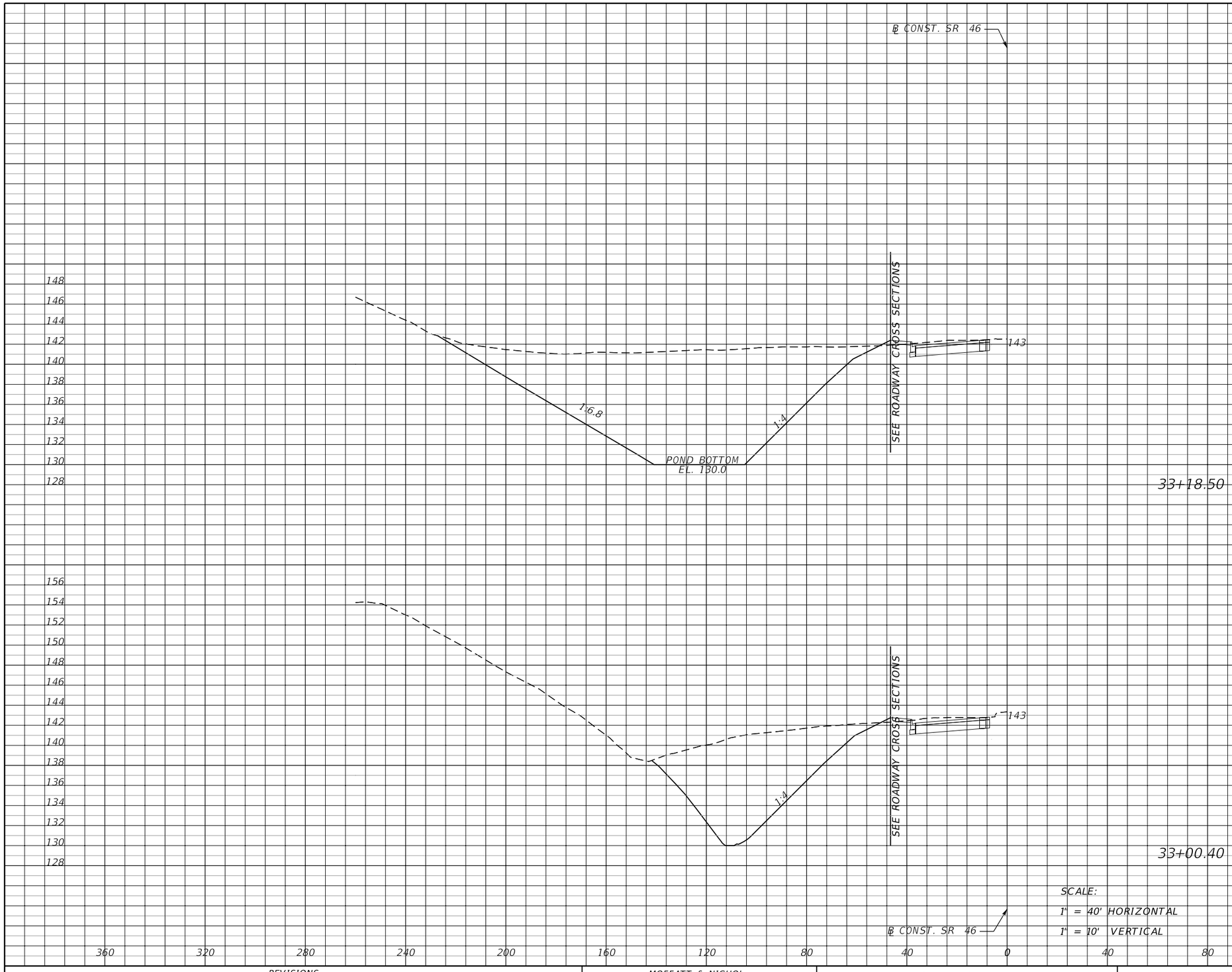
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB441-1-1

SHEET NO. 431

jcapra 3/28/2016 10:21:29 AM P:\7844-Wekiva3B\23827525201\drainage\PDXSRD01.DGN



SCALE:
1" = 40' HORIZONTAL
1" = 10' VERTICAL

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1126	543	1	1
0	0	495	721	1	15

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

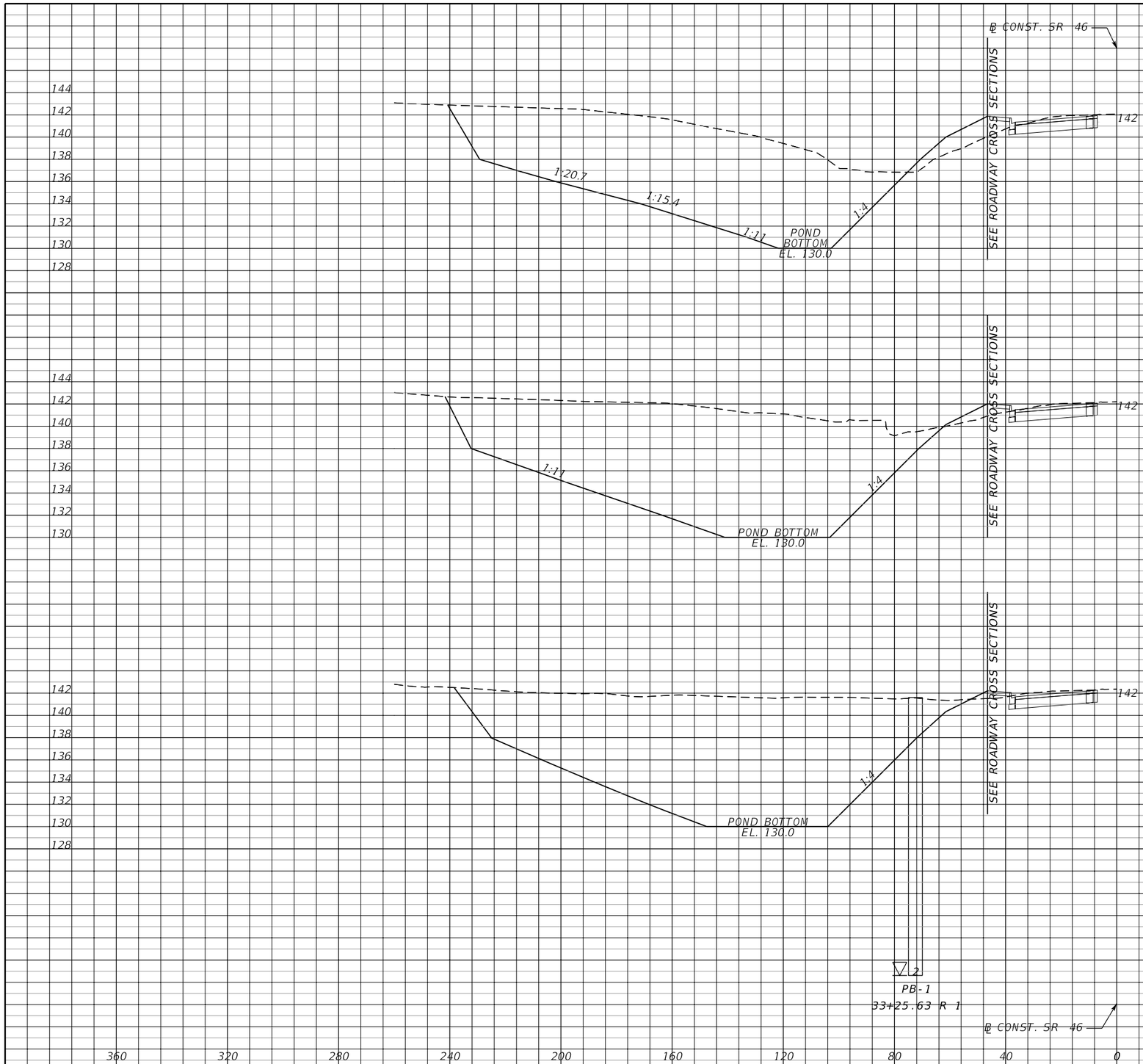
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB441-1-1

SHEET NO. 432

jcapra 3/28/2016 10:21:31 AM P:\7844-Wekiva3B\23827525201\drainage\PDXSRD01.DGN



Subsoil Exc.		Regular Exc.		Embankment		
A	V	A	V	A	V	
0	0	1115	336	39	7	33+44.60
0	0	1387	498	10	2	33+37.35
0	0	1428	439	2	1	33+27.80

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

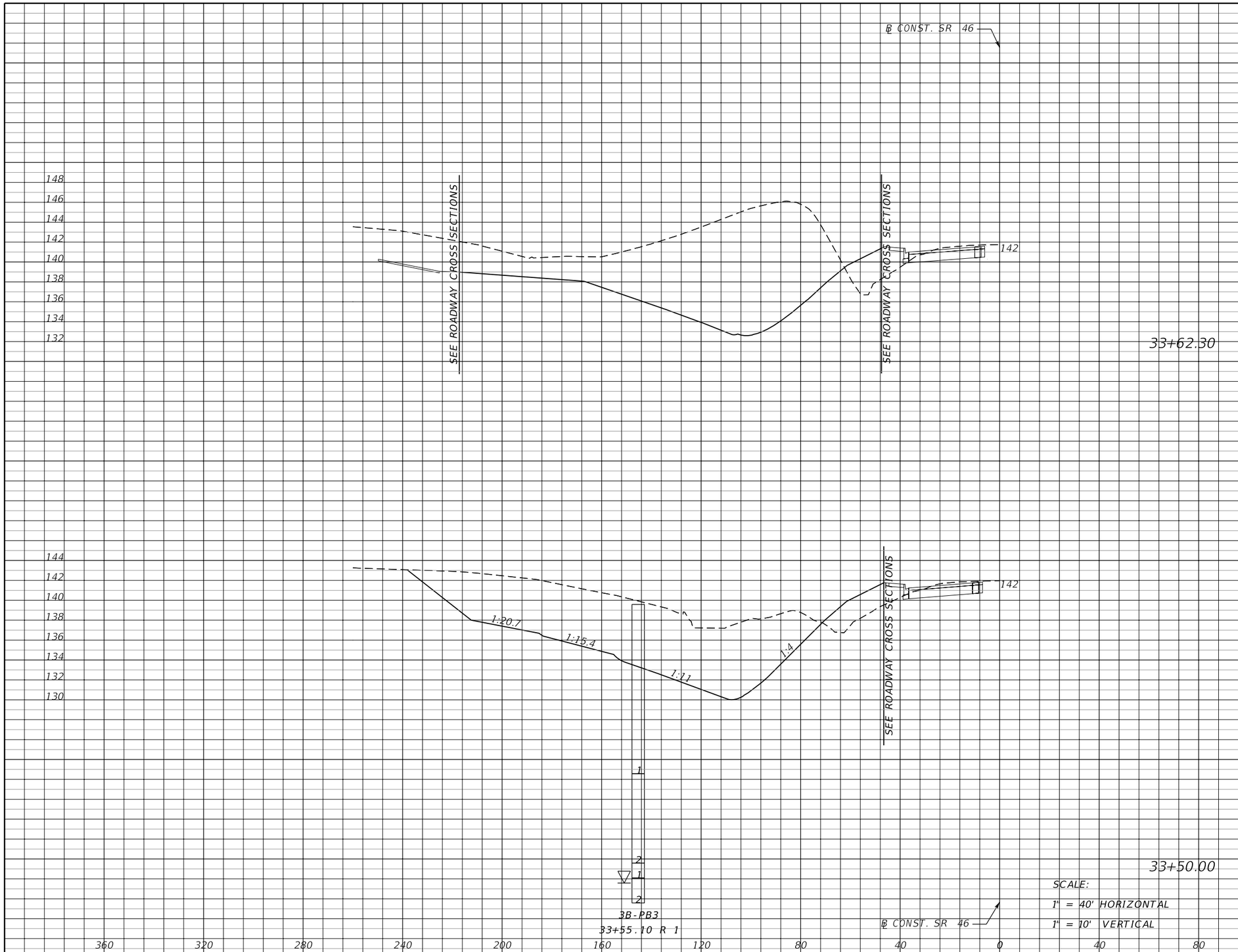
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB441-1-1

SHEET NO. 433

jcapra 3/28/2016 10:21:32 AM P:\7844-Wekiva3B\23827525201\drainage\PDXSRD01.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	954	415	42	22
0	0	867	198	53	9

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

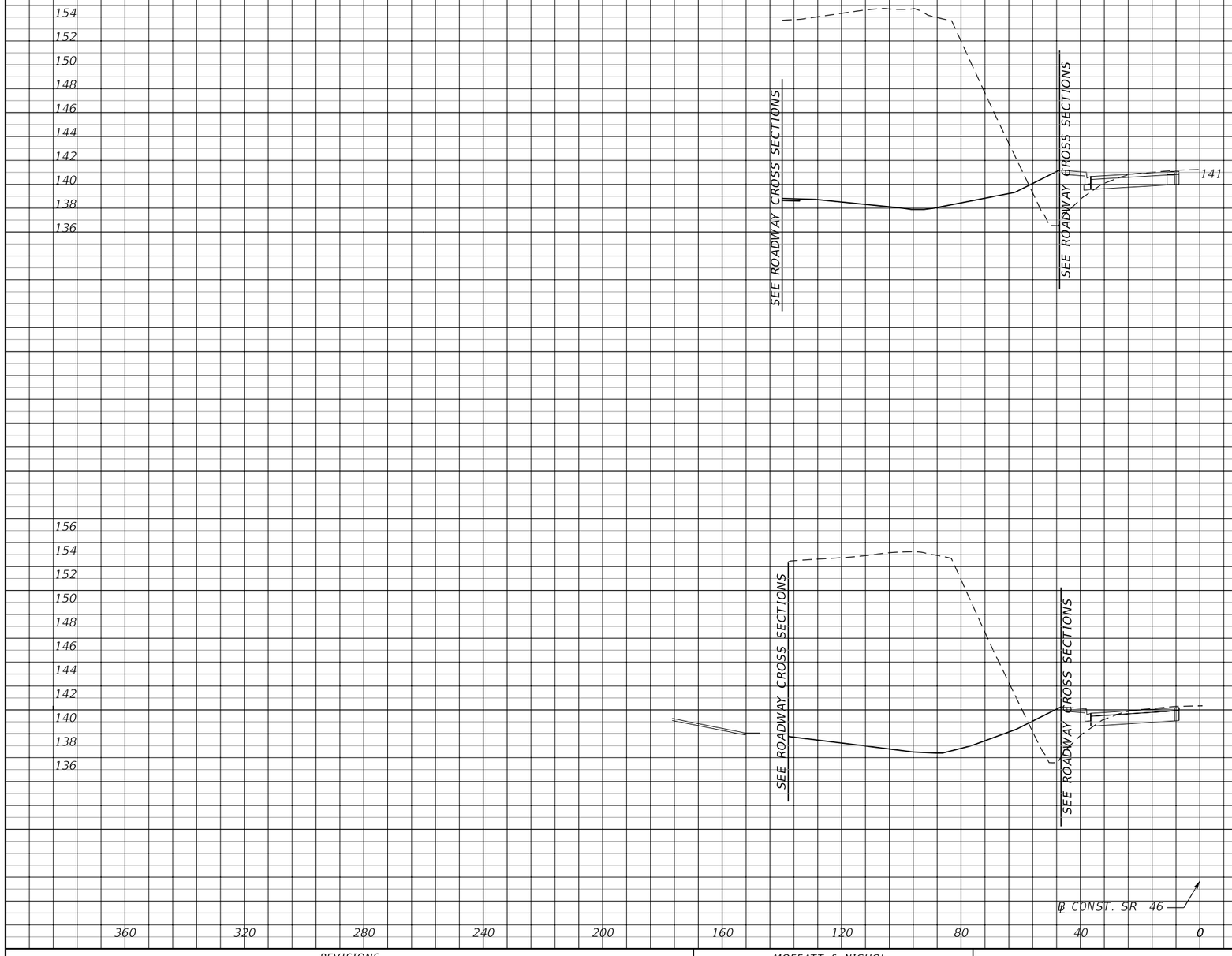
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB441-1-1

SHEET NO. 434

jcapra 3/28/2016 10:21:34 AM P:\7844-Wekiva3B\23827525201\drainage\PDXSRD01.DGN



SCALE:
1" = 40' HORIZONTAL
1" = 10' VERTICAL

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1105	212	30	6
0	0	1078	788	32	29

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

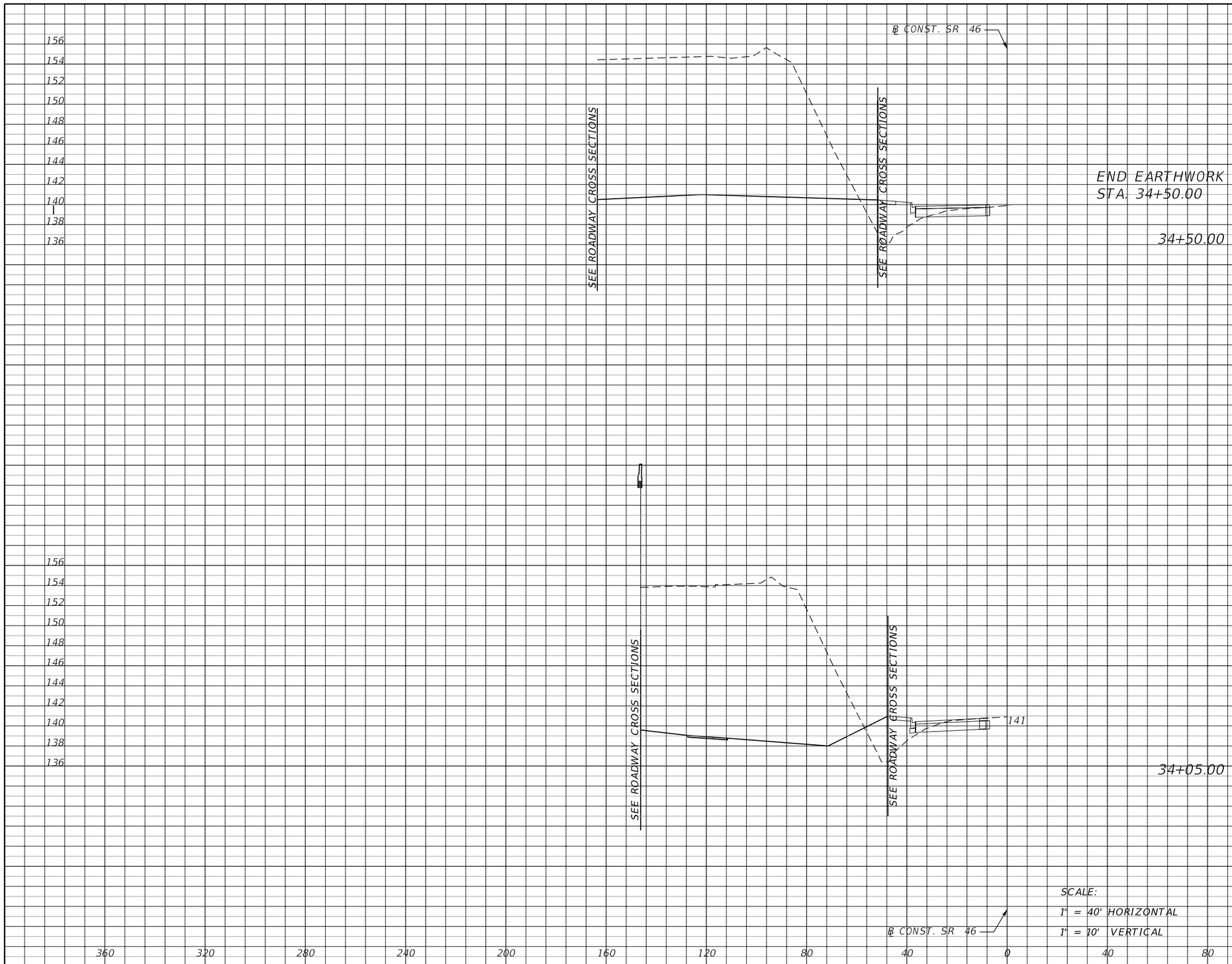
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB441-1-1

SHEET NO. 435

jcapra 3/28/2016 10:21:36 AM P:\7844-Wekiva3B\23827525201\drainage\PDXSRD01.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1257	2020	12	32
0	0	1167	694	26	17

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

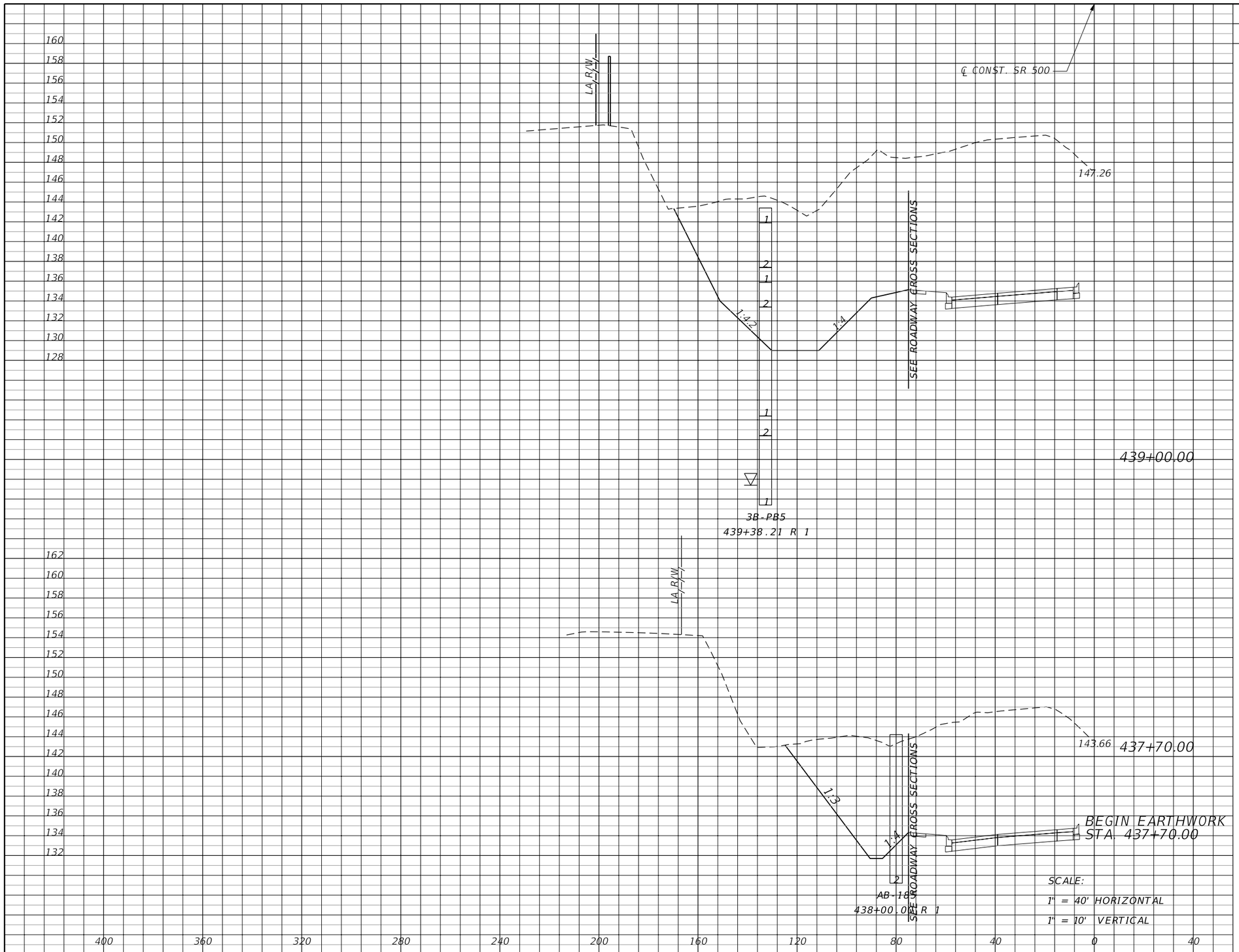
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB441-1-1

SHEET NO. 436

jcapra 3/28/2016 10:21:38 AM P:\7844-Wekiva3B\23827525201\drainage\PDXSRD01.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1153	12811	0	0
0	0	460	3883	0	0

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

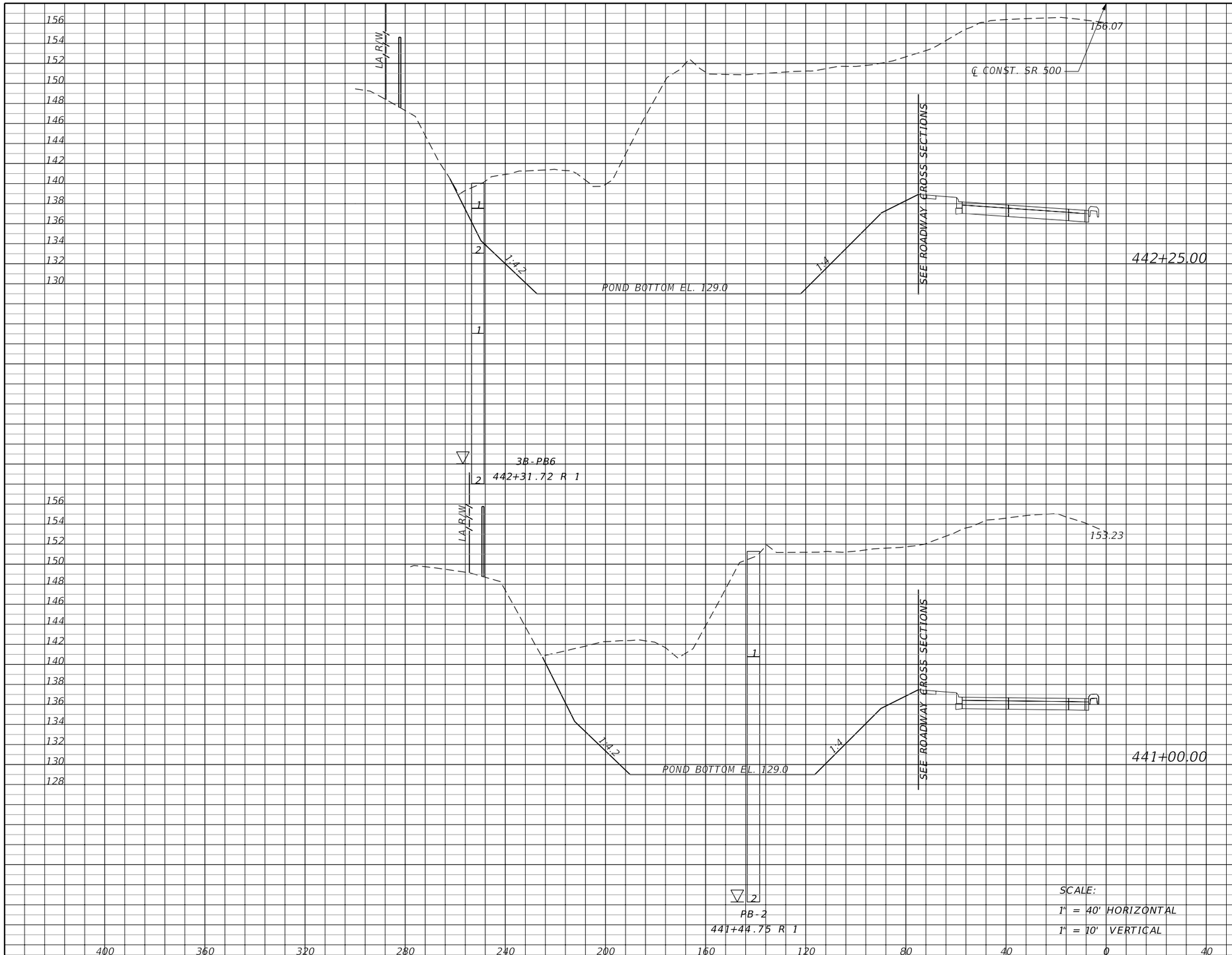
ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB441-1-2

SHEET NO. 437



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	2946	12157	0	0
0	0	2306	12811	0	0

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

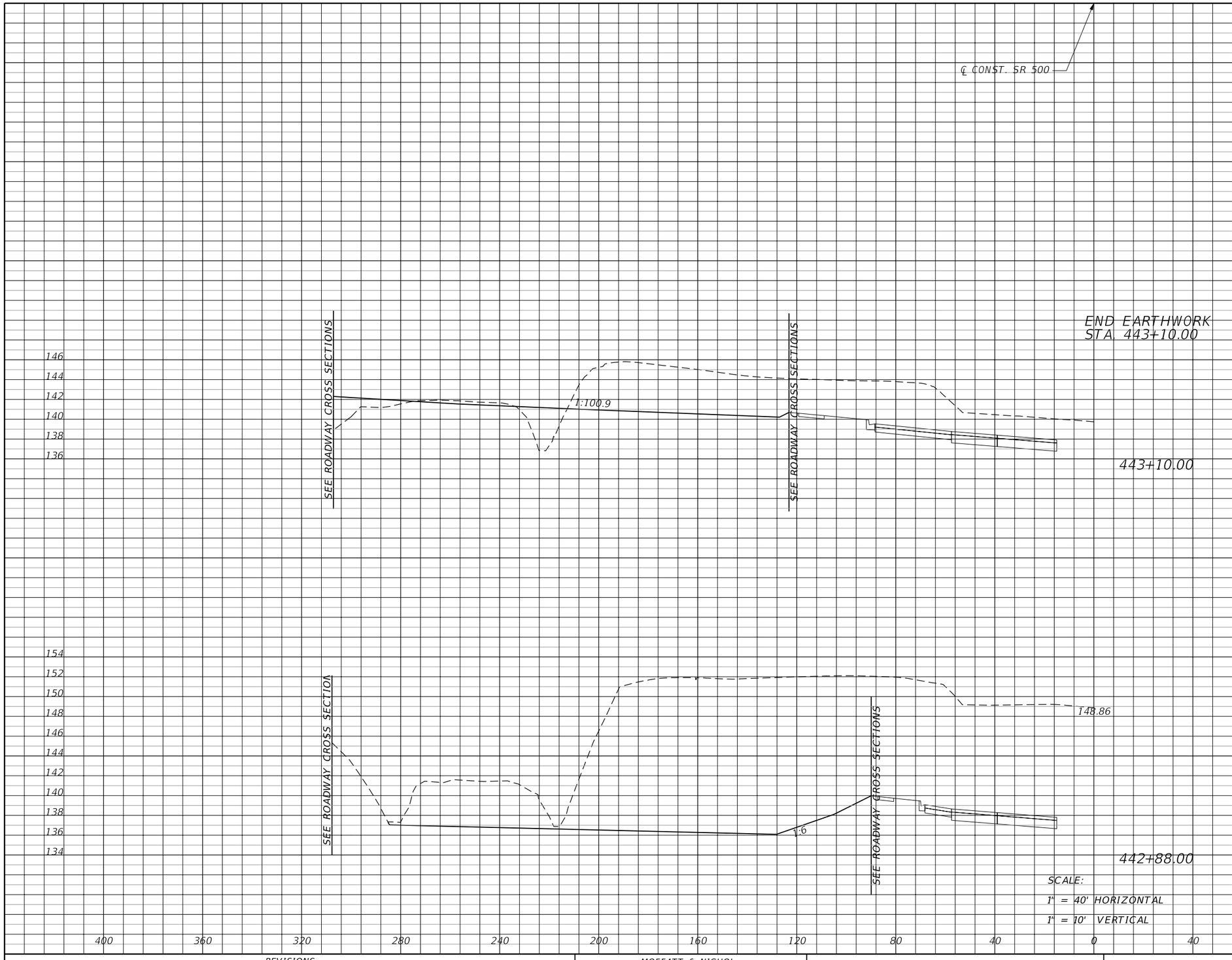
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB441-1-2

SHEET NO. 438

jcapra 3/28/2016 10:21:40 AM P:\7844-Wekiva3B\23827525201\drainage\PDXSRD02.dgn



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	386	953	84	34
0	0	1953	5716	0	0

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

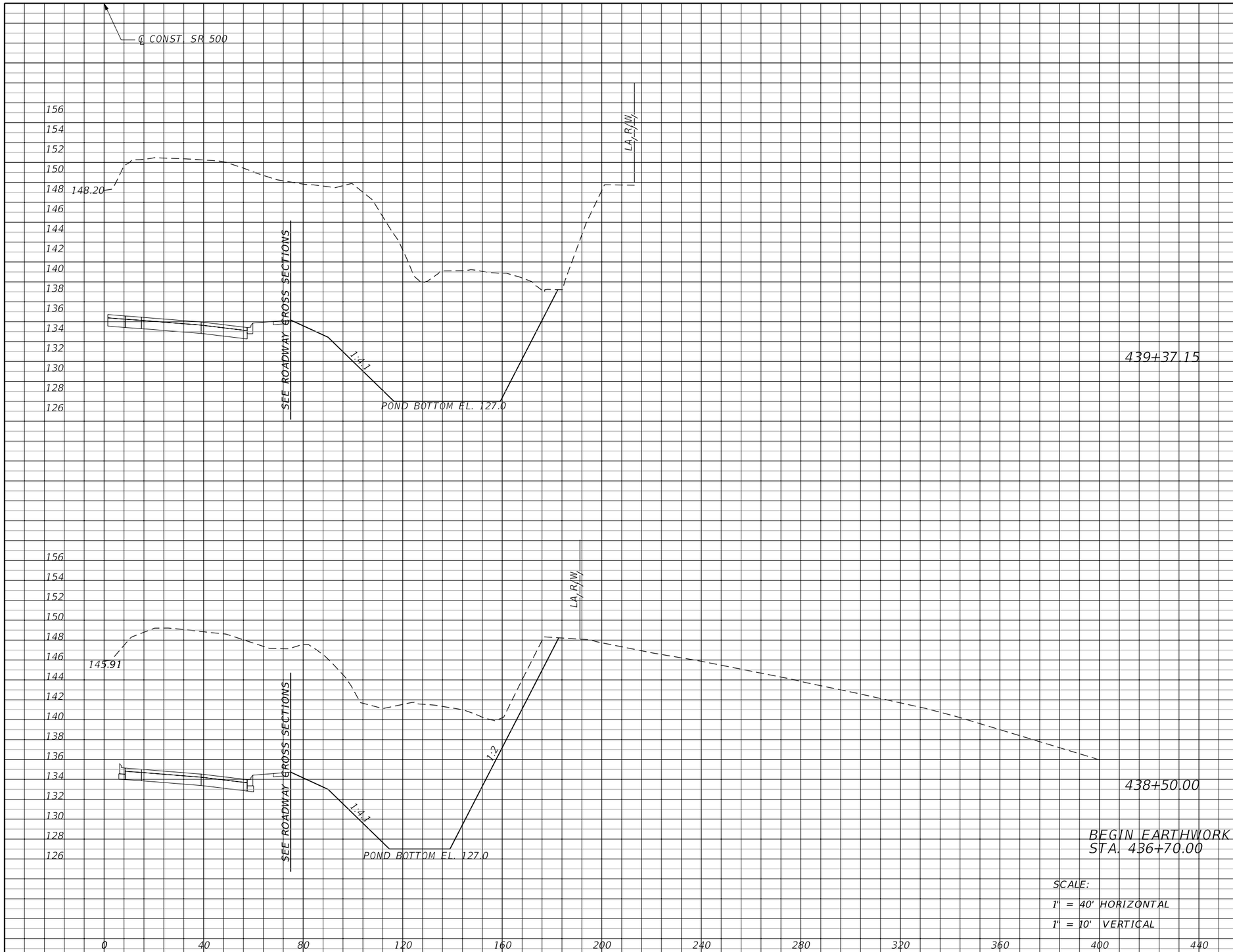
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB441-1-2

SHEET NO. 439

jcapra 3/28/2016 10:21:41 AM P:\7844-Wekiva3B\238275252O1\drainage\PDXSRD02.dgn



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1387	4019	0	0
0	0	1103	3677	0	0

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

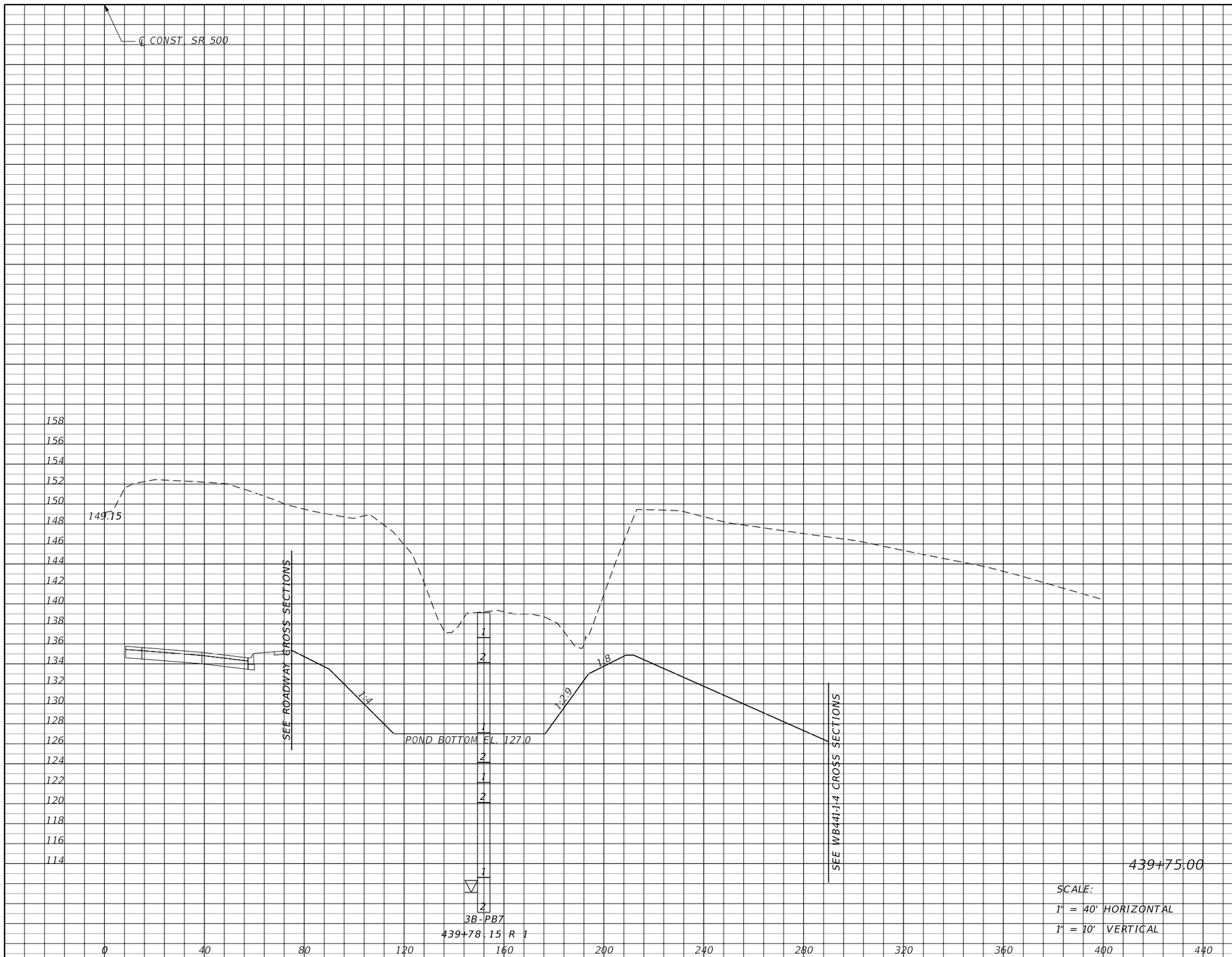
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB441-1-3

SHEET NO. 440

jcapra 3/28/2016 10:21:42 AM P:\7844-Wekiva3B\23827525201\drainage\pdxsrd03.dgn



SCALE:
1" = 40' HORIZONTAL
1" = 10' VERTICAL

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	3151	3181	0	0

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

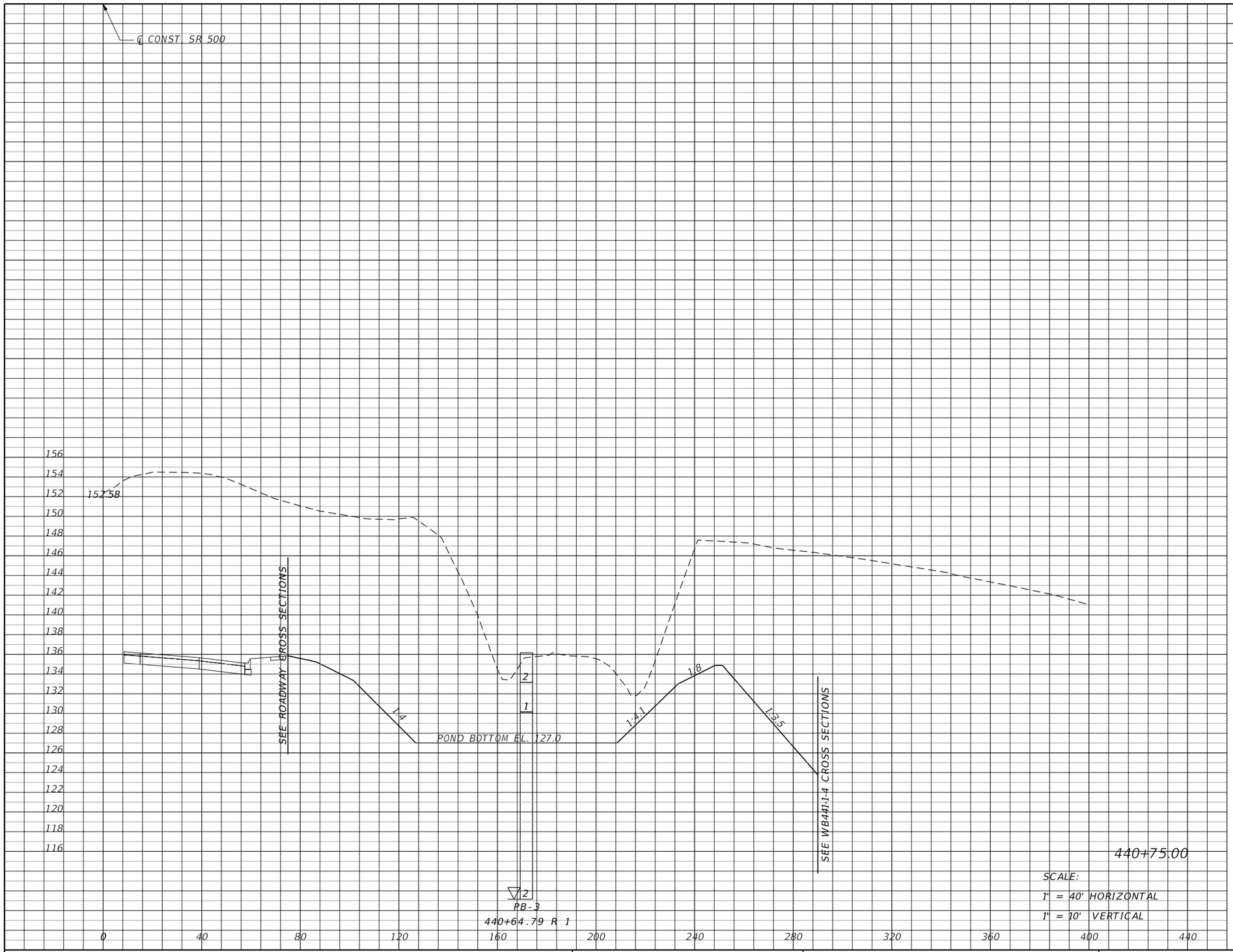
ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB441-1-3

SHEET NO. 441



SCALE:

1" = 40' HORIZONTAL

1" = 10' VERTICAL

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	2902	11209	0	0

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

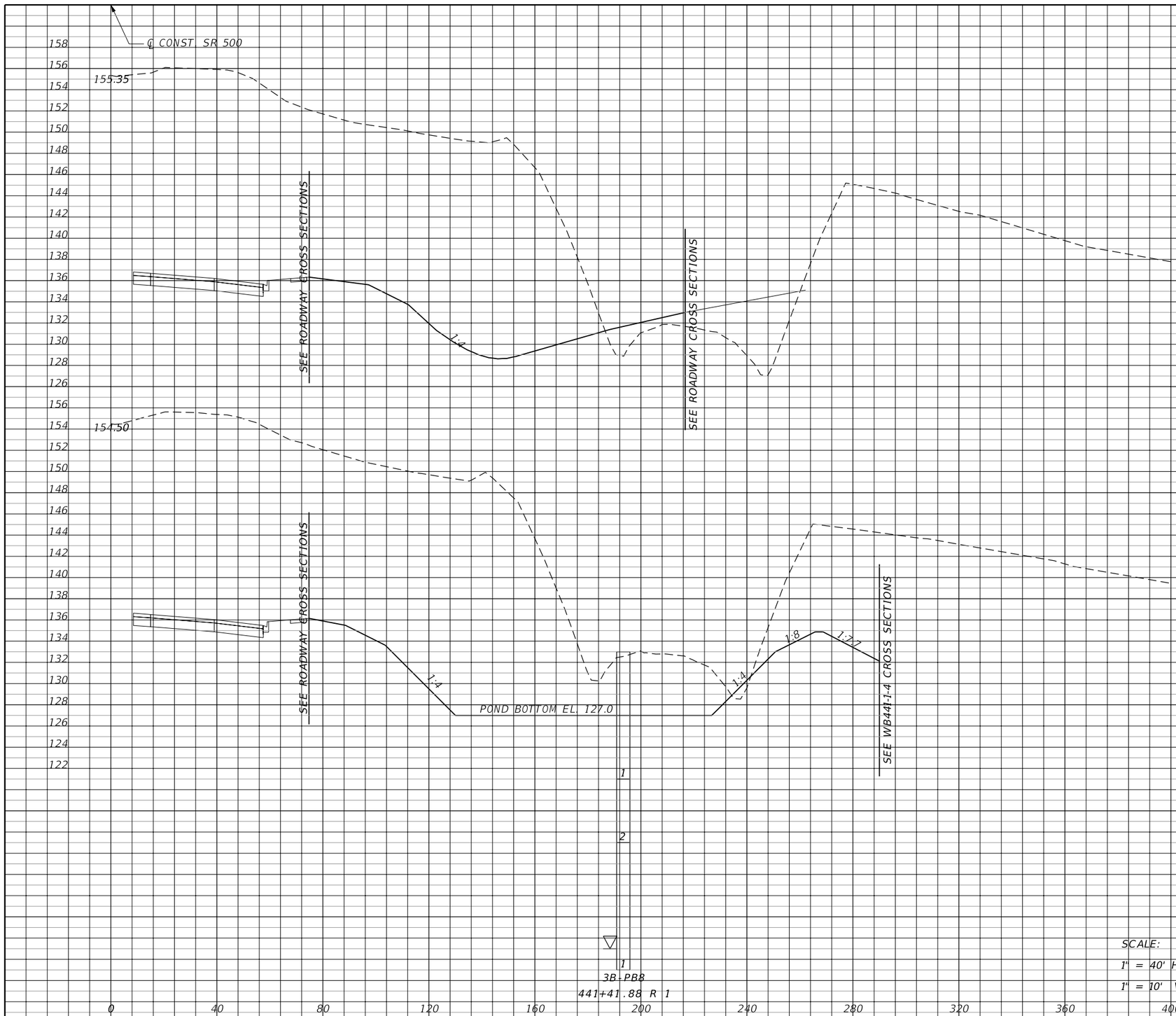
ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB441-1-3

SHEET NO. 442



SCALE:
1" = 40' HORIZONTAL
1" = 10' VERTICAL

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1736	2741	40	29
0	0	2493	7493	5	7

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

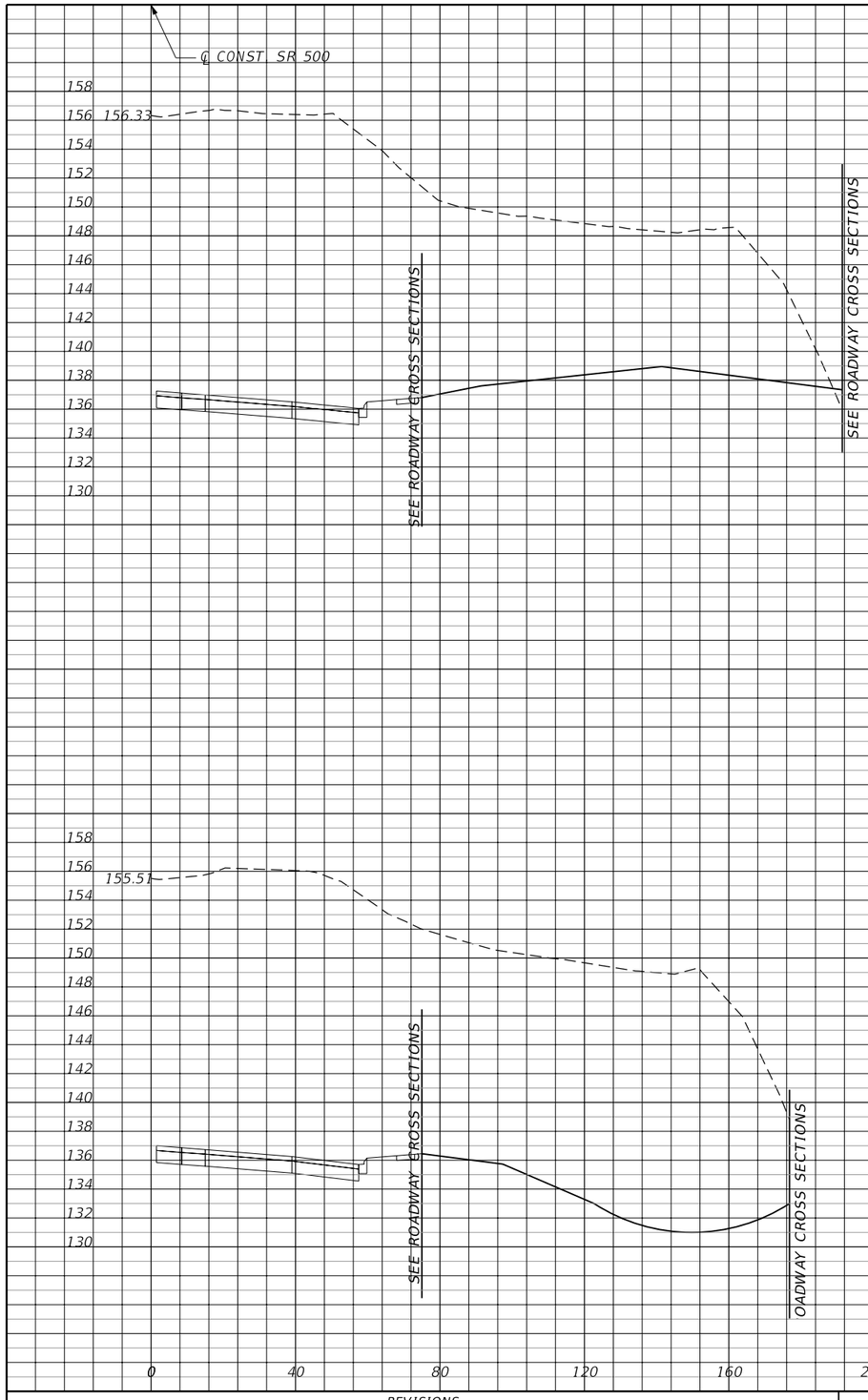
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB441-1-3

SHEET NO. 443

jcapra 3/28/2016 10:21:44 AM P:\7844-Wekiva3B\23827525201\drainage\pdxsrd03.dgn



END EARTHWORK
STA. 442+44.16

SCALE:
1" = 40' HORIZONTAL
1" = 10' VERTICAL

	Subsoil Exc.		Regular Exc.		Embankment	
	A	V	A	V	A	V
442+44.16	0	0	1111	1321	1	1
441+94.91	0	0	1575	608	0	7

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB441-1-3

SHEET NO. 444

Regular Exc.		Embankment	
A	V	A	V
3478	1819	0	0

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

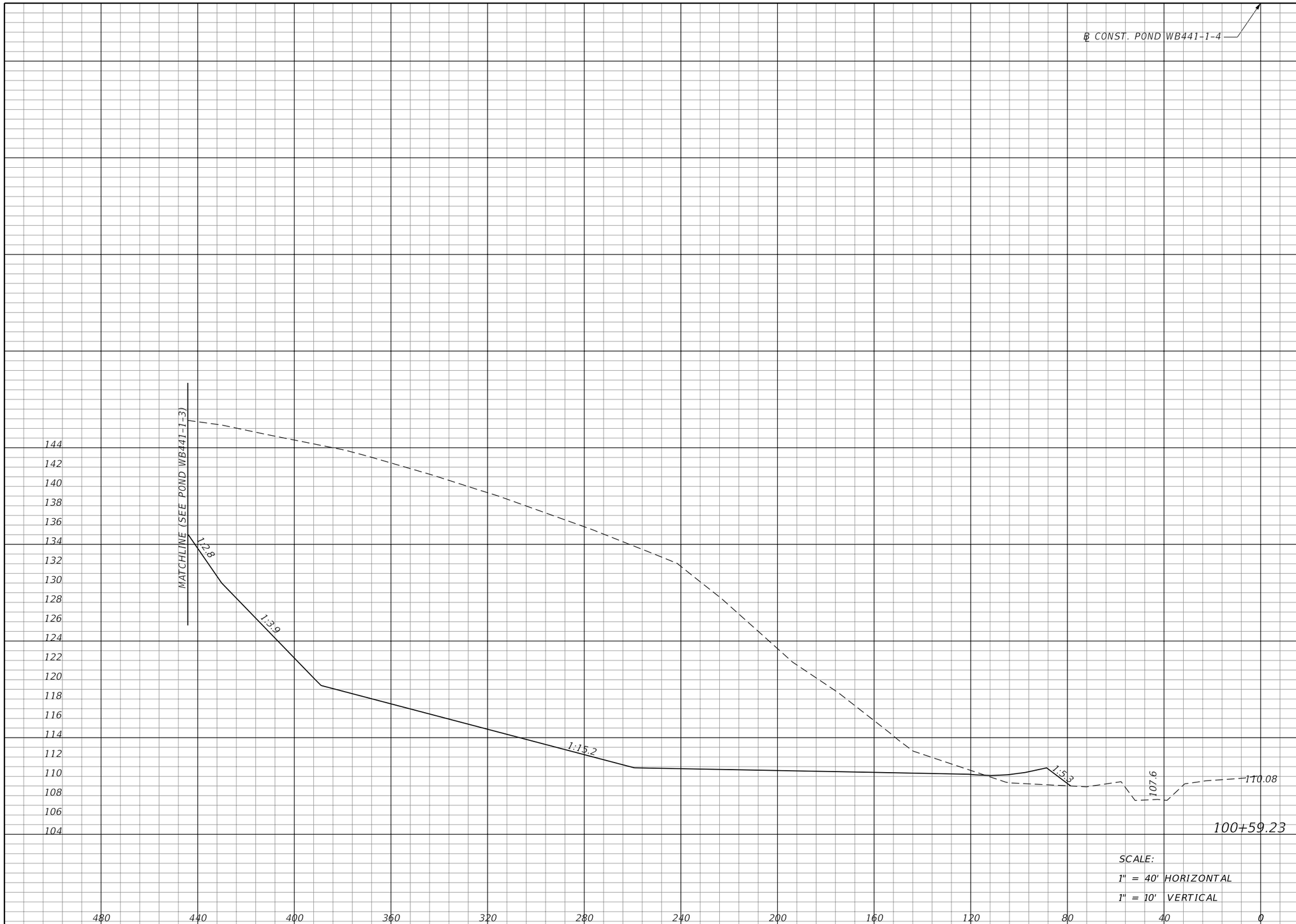
ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB441-1-4

SHEET NO. 445



Regular Exc.		Embankment	
A	V	A	V
5753	3287	33	12

SCALE:
1" = 40' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

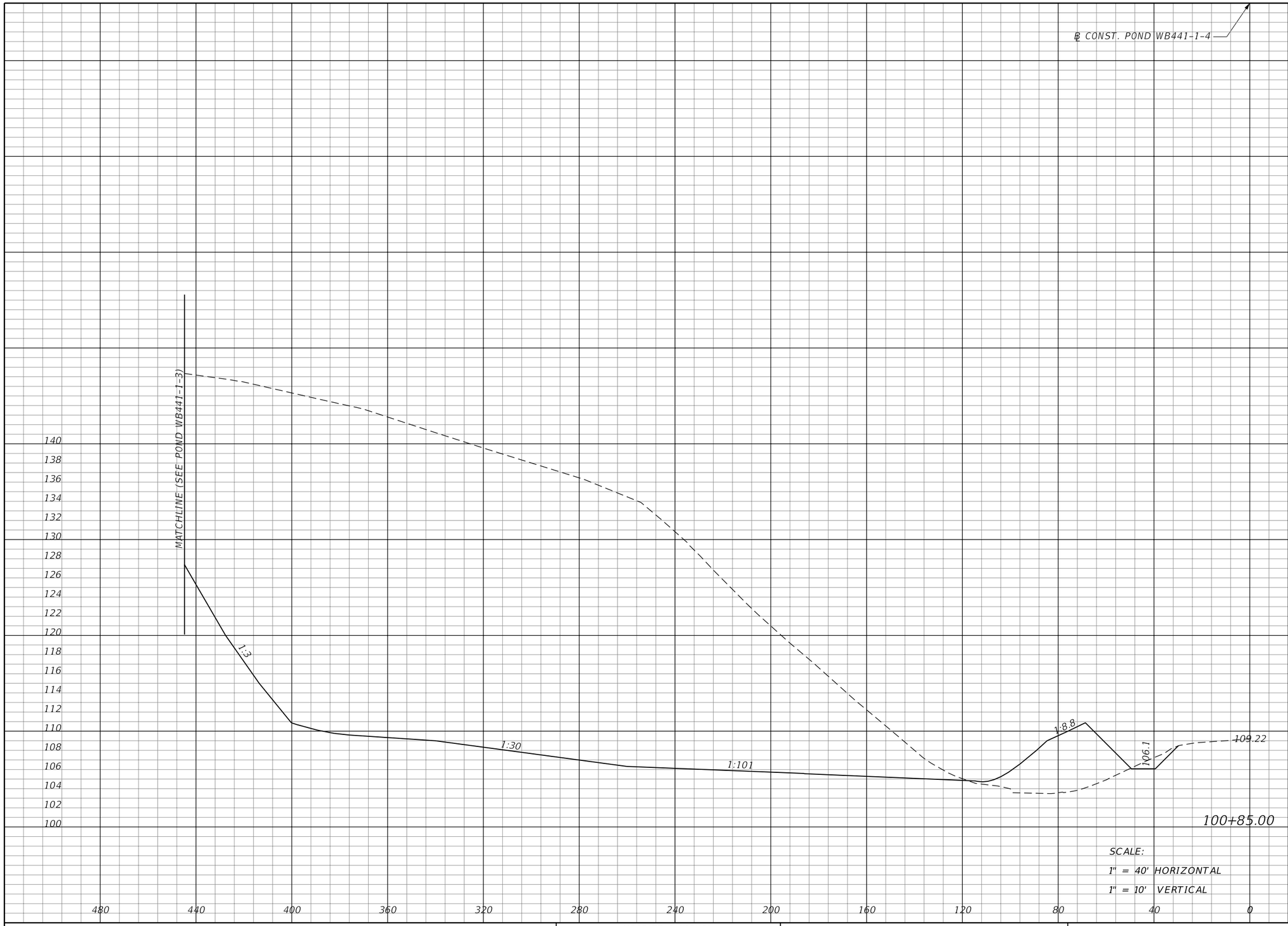
ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB441-1-4

SHEET NO. 446



Regular Exc.		Embankment	
A	V	A	V
7618	6381	235	128

SCALE:
1" = 40' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

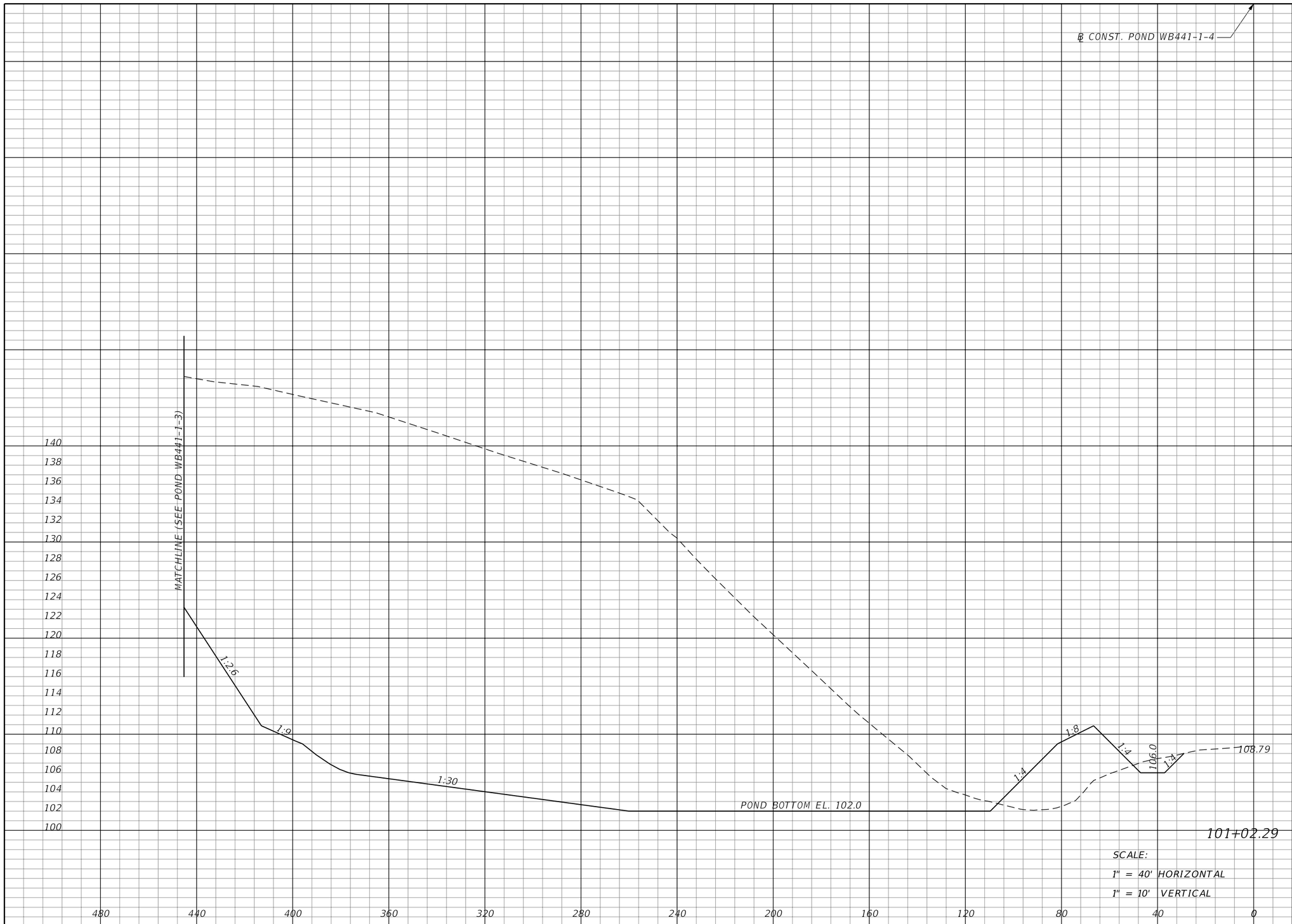
ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB441-1-4

SHEET NO. 447



SCALE:
1" = 40' HORIZONTAL
1" = 10' VERTICAL

Regular Exc.		Embankment	
A	V	A	V
8762	5245	234	150

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

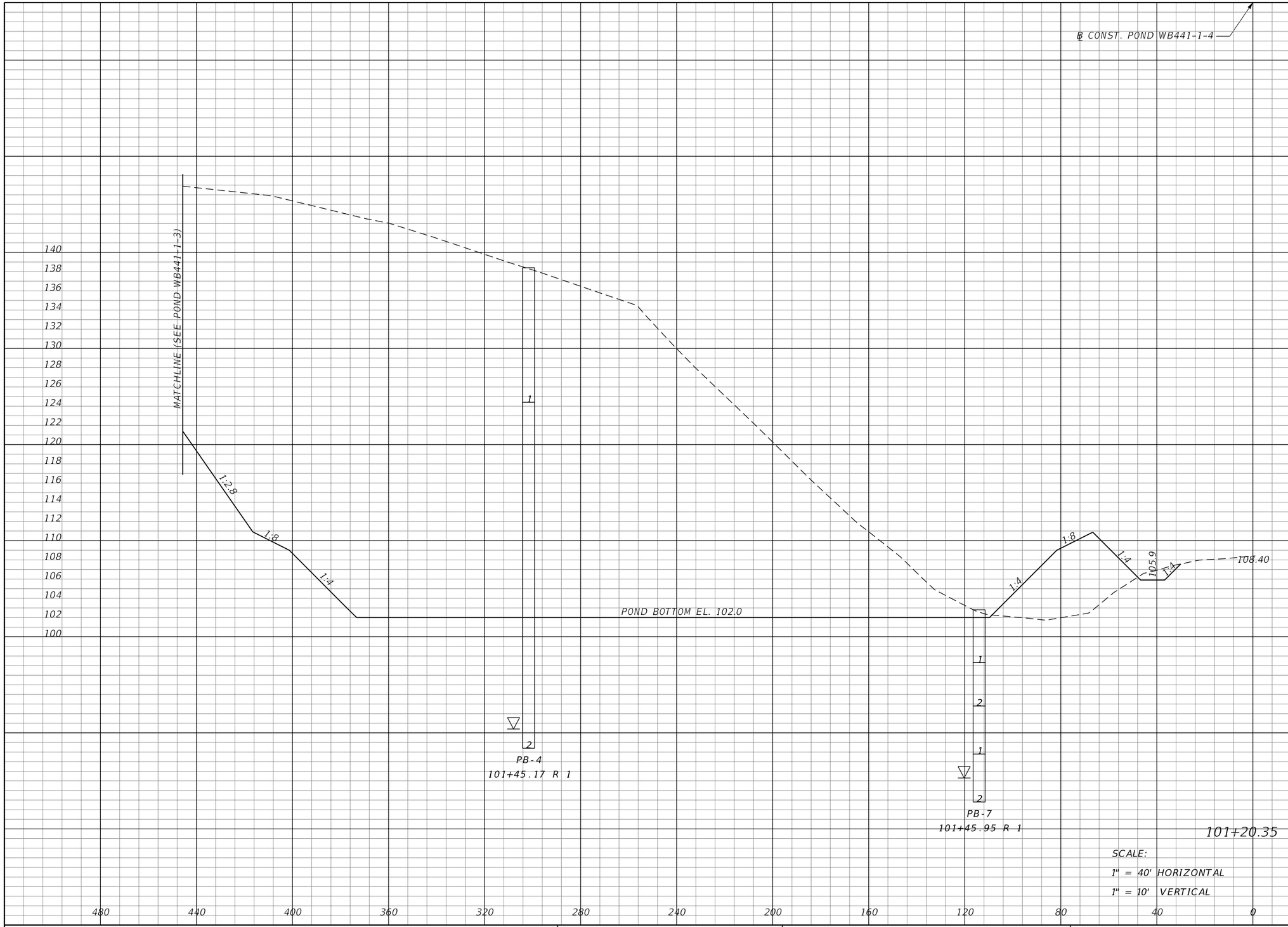
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB441-1-4

SHEET NO. 448

jcapra 3/28/2016 10:21:48 AM P:\7844-Wekiva3B\23827525201\drainage\PDXSRD04.dgn



Regular Exc.		Embankment	
A	V	A	V
9060	5960	288	175

SCALE:
1" = 40' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

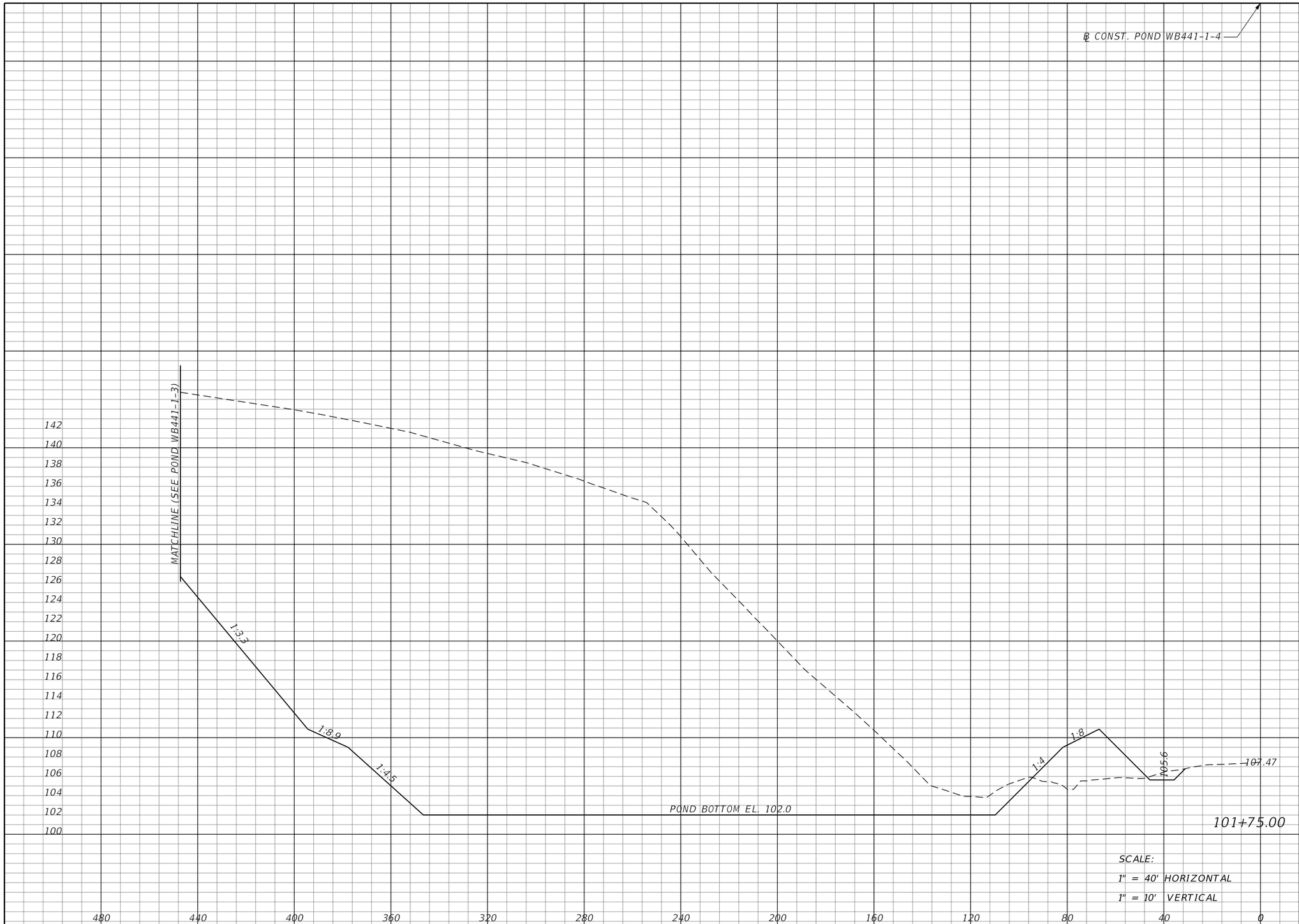
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB441-1-4

SHEET NO. 449

jcapra 3/28/2016 10:21:48 AM P:\7844-Wekiva3B\23827525201\drainage\PDXSRD04.dgn



Regular Exc.		Embankment	
A	V	A	V
8514	17786	147	440

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

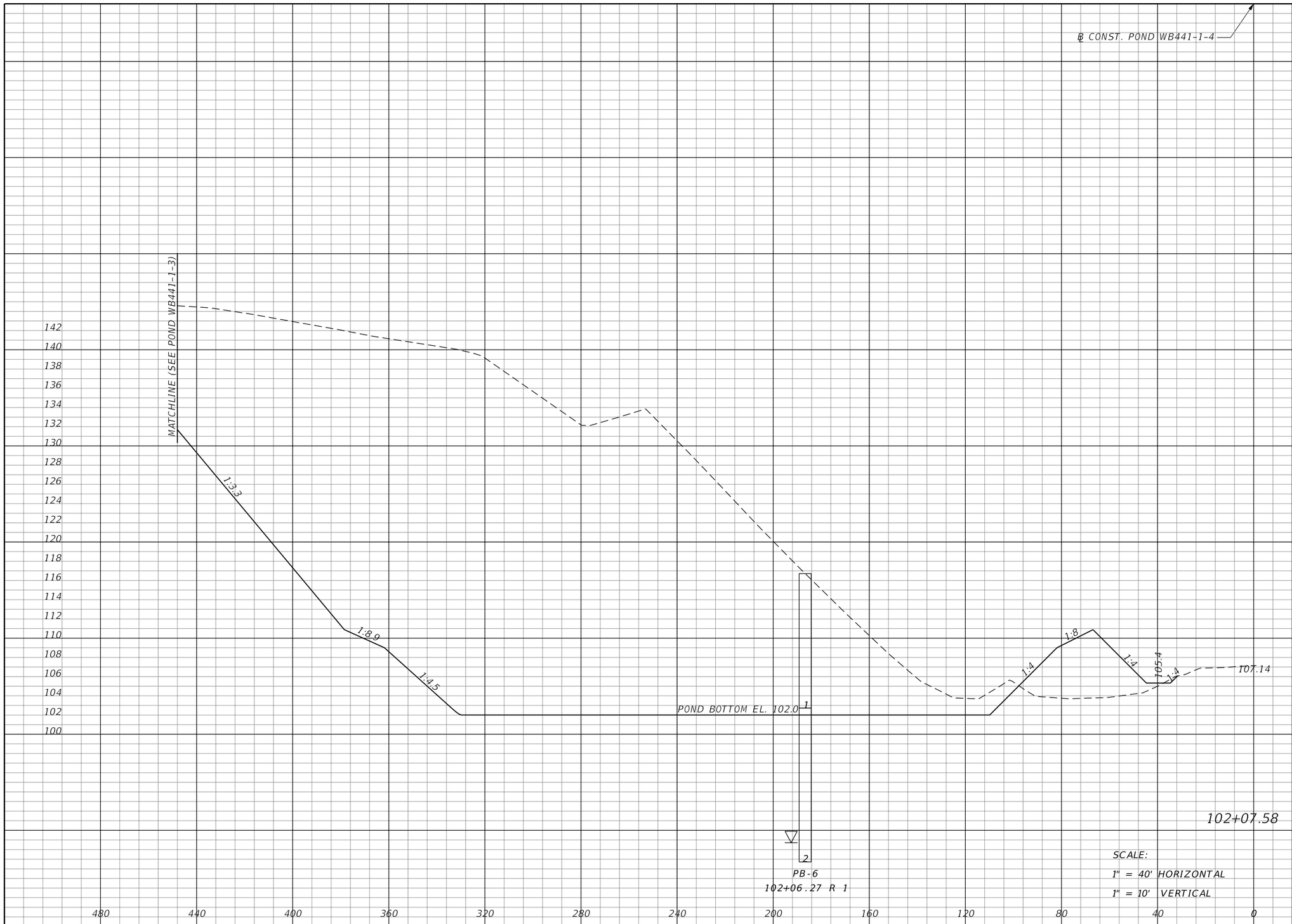
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB441-1-4

SHEET NO. 450

jcapra 3/28/2016 10:21:49 AM P:\7844-Wekiva3B\23827525201\drainage\PDXSRD04.dgn



Regular Exc.		Embankment	
A	V	A	V
7803	9845	233	229

SCALE:
1" = 40' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

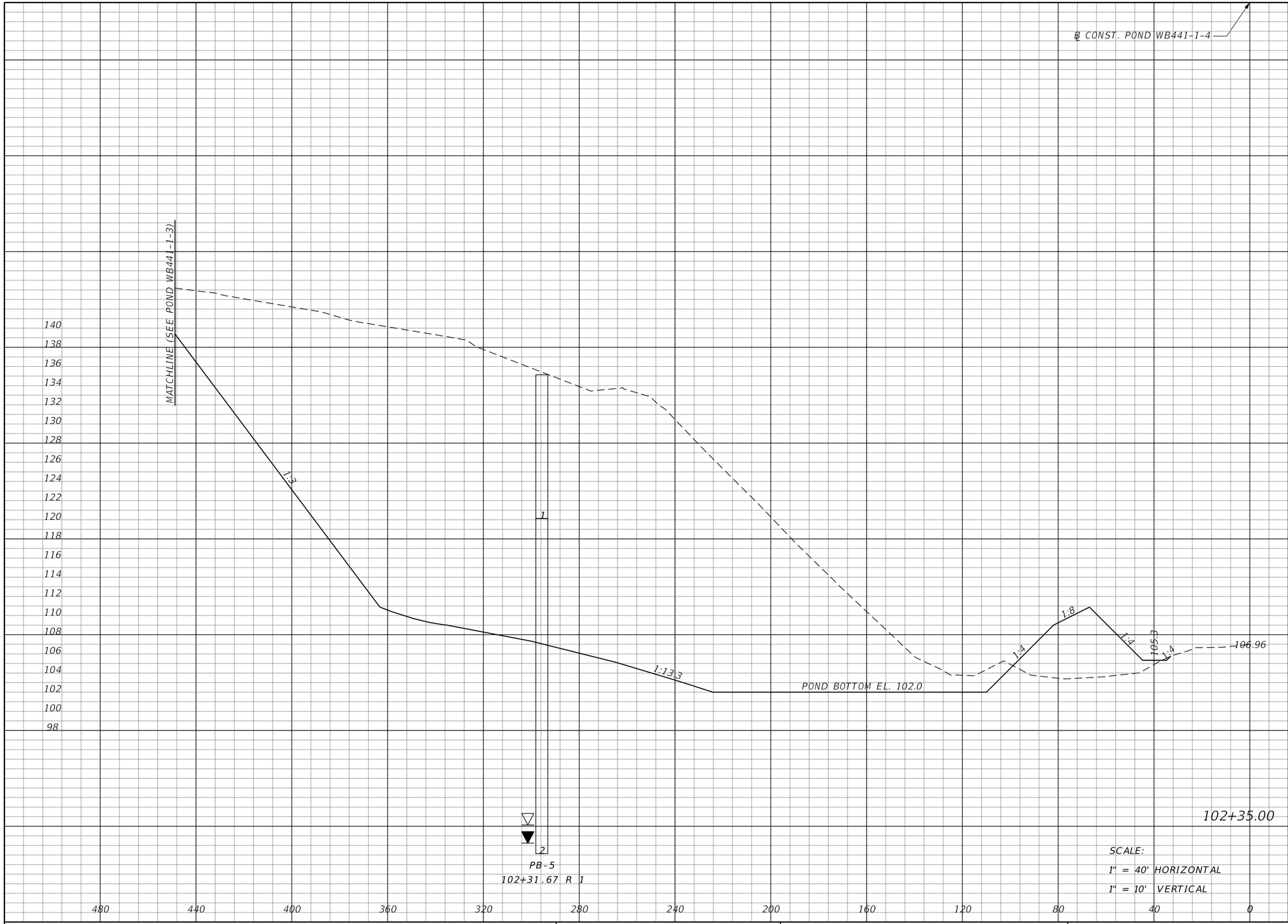
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB441-1-4

SHEET NO. 451

jcapra 3/28/2016 10:21:49 AM P:\7844-Wekiva3B\23827525201\drainage\PDXSRD04.dgn



Regular Exc.		Embankment	
A	V	A	V
6708	7368	248	244

SCALE:
1" = 40' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB441-1-4

SHEET NO. 452

Regular Exc.		Embankment	
A	V	A	V
993	5704	272	385

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

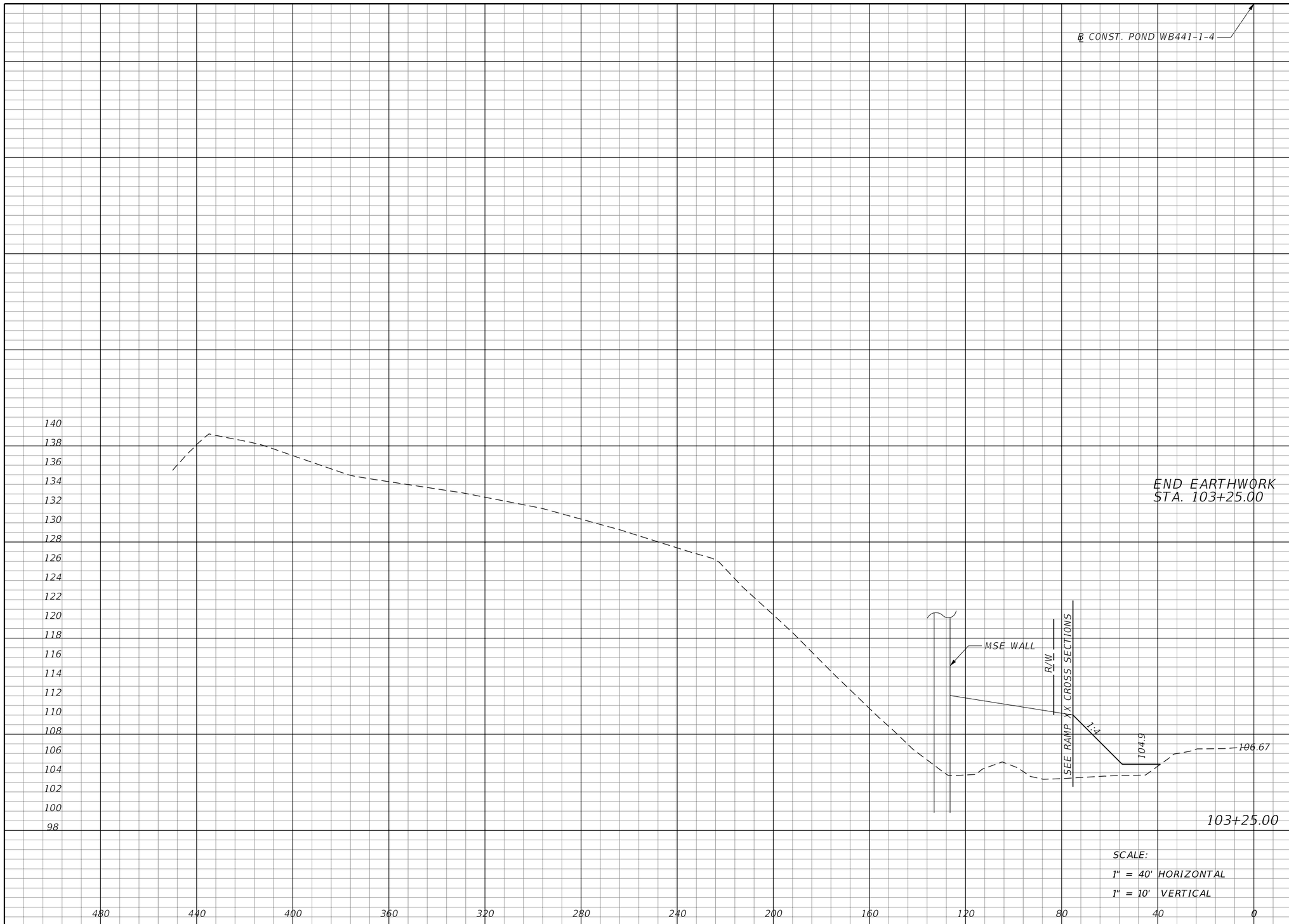
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB441-1-4

SHEET NO. 453

jcapra 3/28/2016 10:21:50 AM P:\7844-Wekiva3B\23827525201\drainage\PDXSRD04.dgn



Regular Exc.		Embankment	
A	V	A	V
0	919	93	338

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

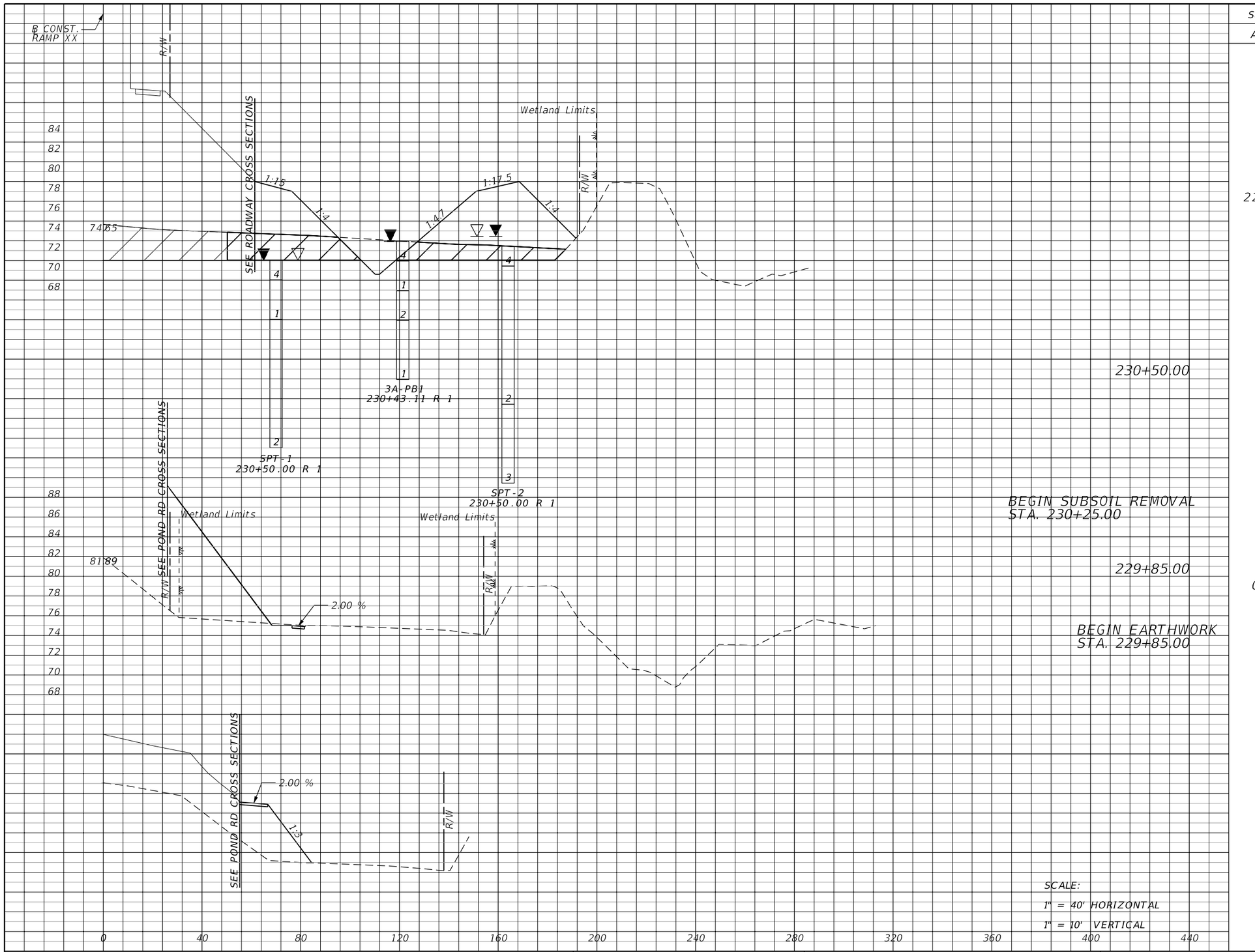
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB441-1-4

SHEET NO. 454

jcapra 3/28/2016 10:21:51 AM P:\7844-Wekiva3B\23827525201\drainage\PDXSRD04.dgn



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
223	310	59	82	593	824
0	0	0	0	0	0

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

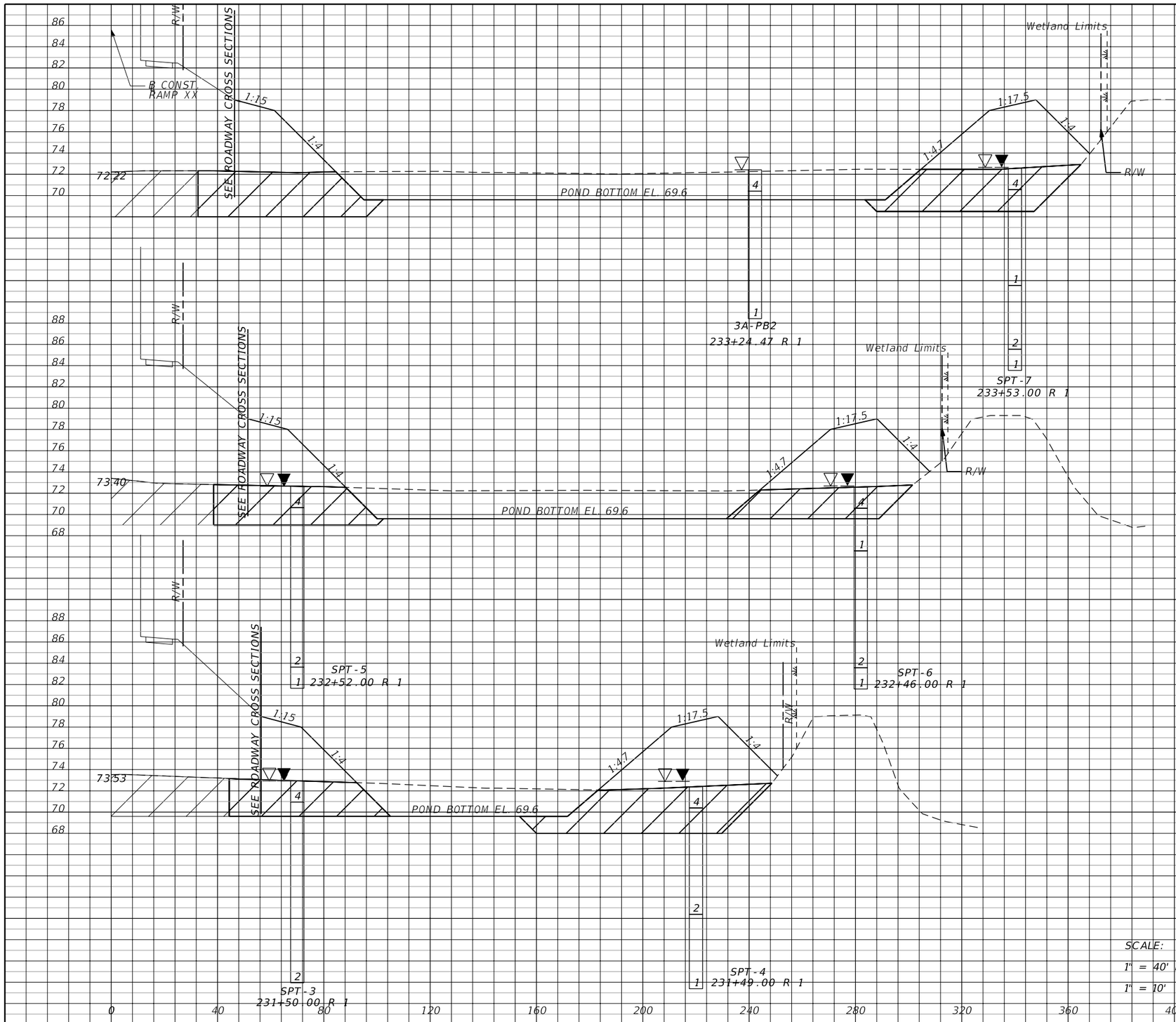
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB1-1

SHEET NO. 455

jcapra 3/28/2016 10:21:53 AM P:\7844-Wekiva3B\23827525201\drainage\PDXSRD05.dgn



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
504	1624	547	1722	913	3107
373	1576	383	1109	765	3046
478	1298	216	509	880	2728

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

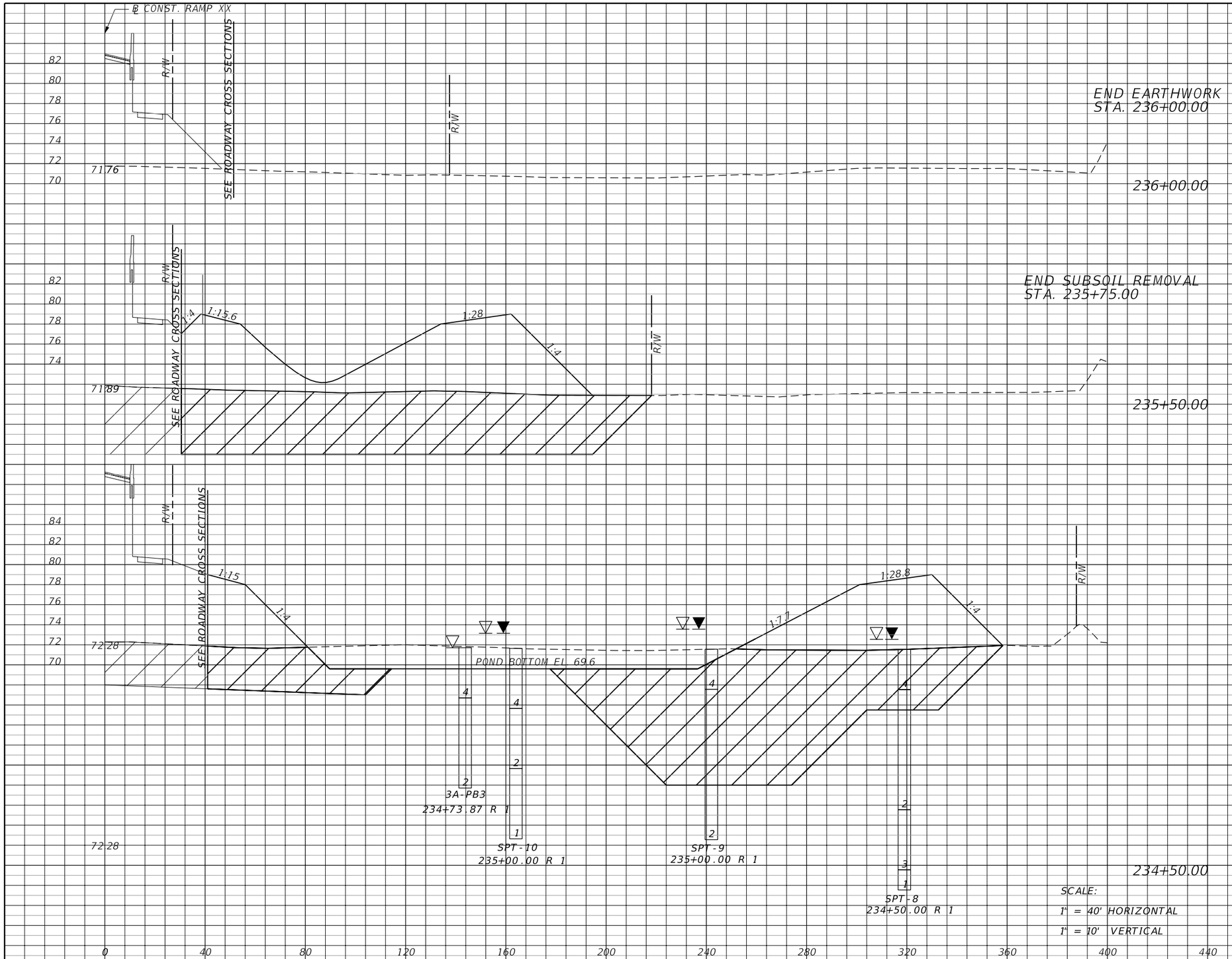
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB1-1

SHEET NO. 456

jcapra 3/28/2016 10:21:53 AM P:\7844-Wekiva3B\23827525201\drainage\PDXSRD05.dgn



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	1008	0	0	0	1726
1089	5274	0	611	1864	7911
1759	4191	330	1624	2408	6150

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

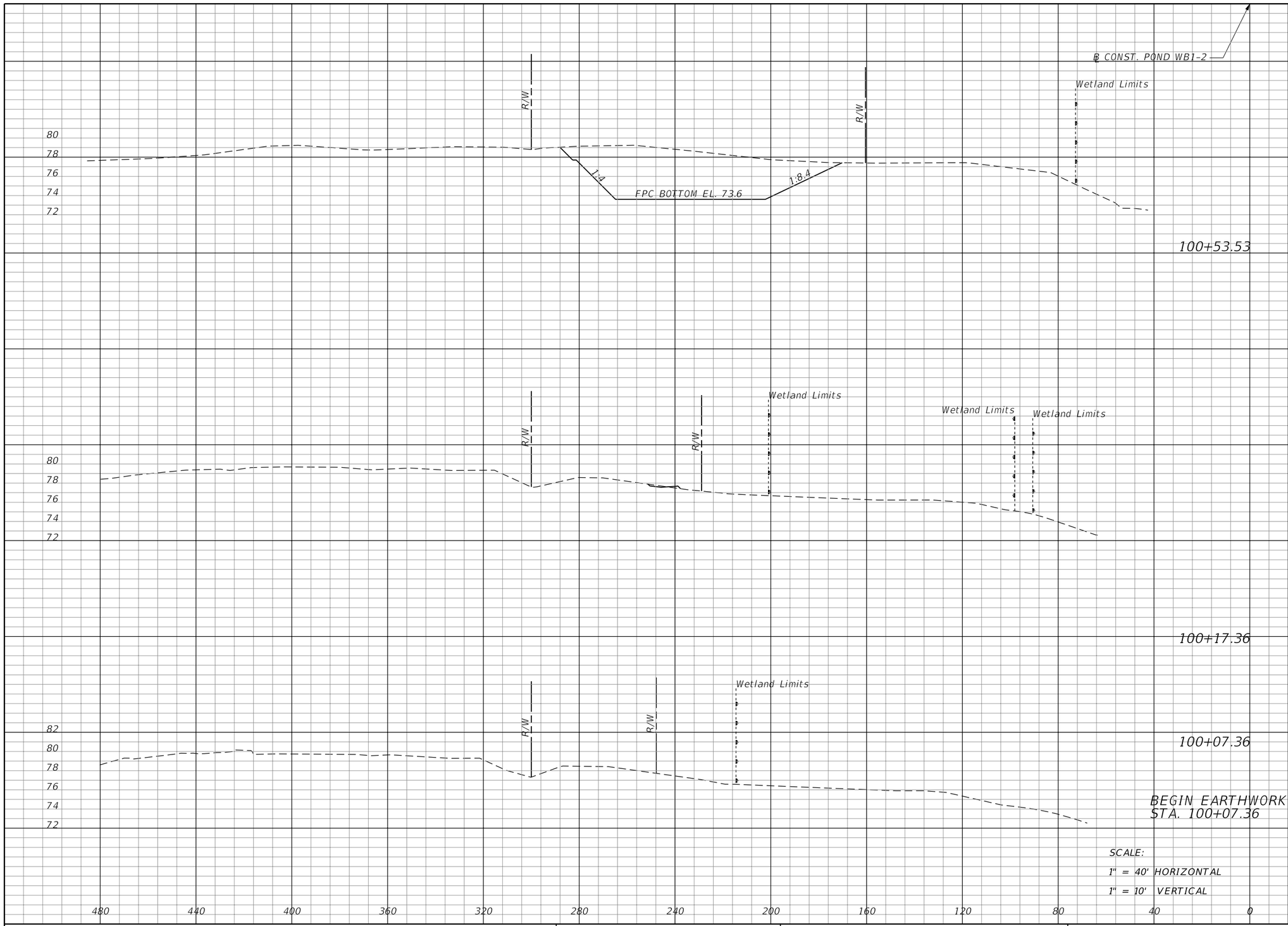
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB1-1

SHEET NO. 457

jcapra 3/28/2016 10:21:54 AM P:\7844-Wekiva3B\23827525201\drainage\PDXSRD05.dgn



Regular Exc.		Embankment	
A	V	A	V
444	298	0	1
1	0	1	0
0	0	0	0

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

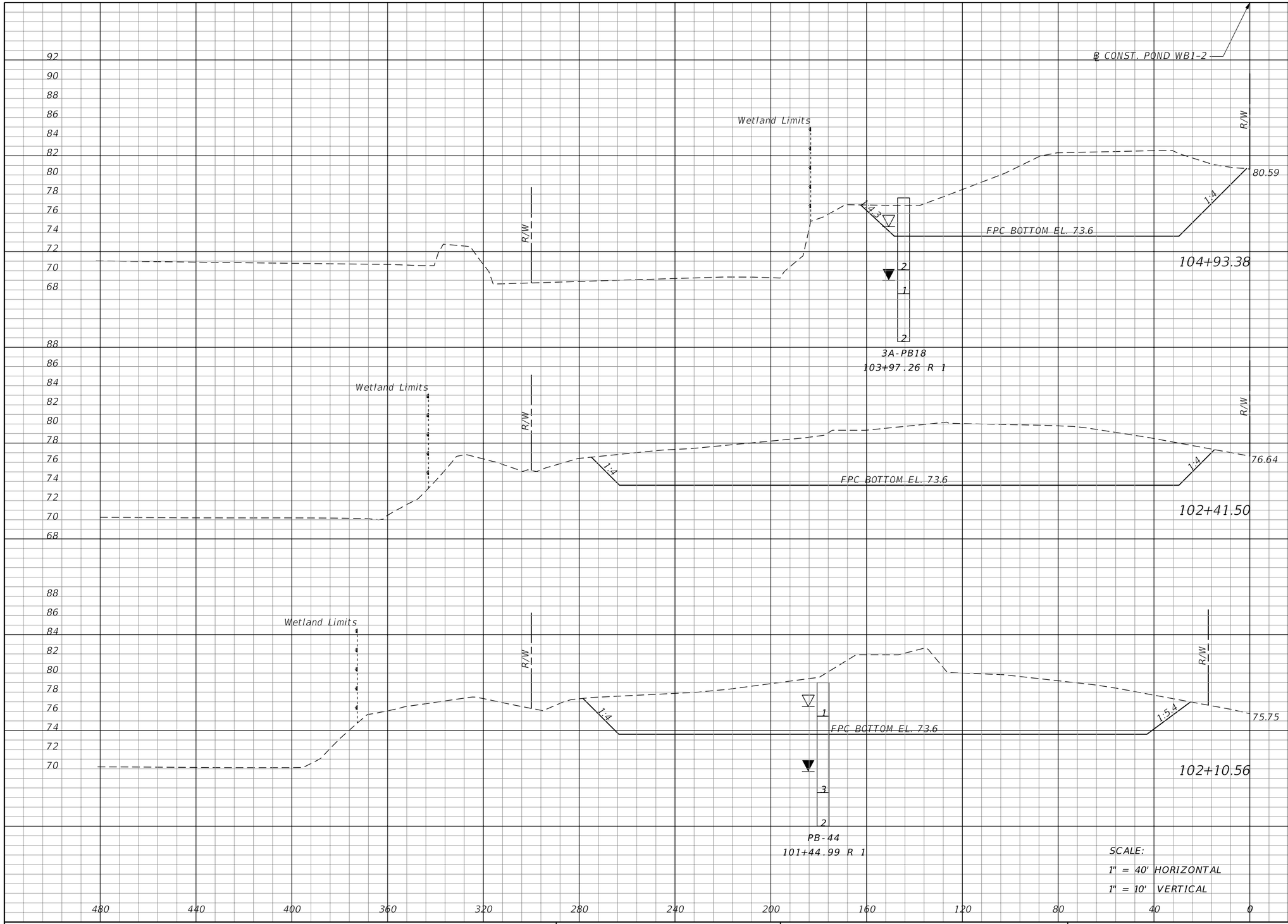
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
POND WB1-2

SHEET NO. 458

jcapra 3/28/2016 10:21:55 AM P:\7844-Wekiva3B\23827525201\drainage\PDXSRD06.dgn



Regular Exc.		Embankment	
A	V	A	V
967	10500	0	0
1284	1515	0	0
1360	5246	0	0

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

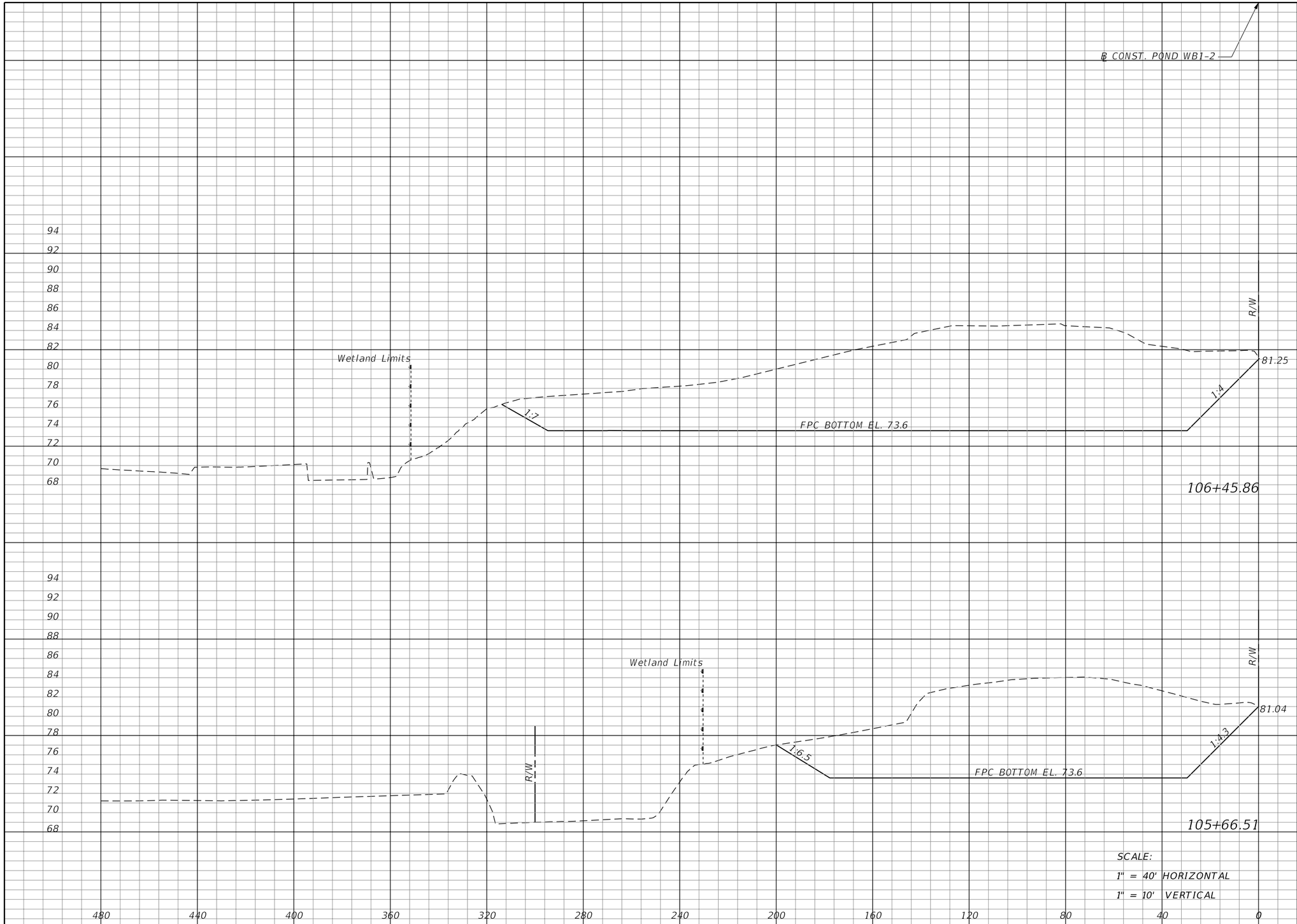
ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
POND WB1-2

SHEET NO. 459



Regular Exc.		Embankment	
A	V	A	V
2240	5419	0	0
1448	3270	0	0

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

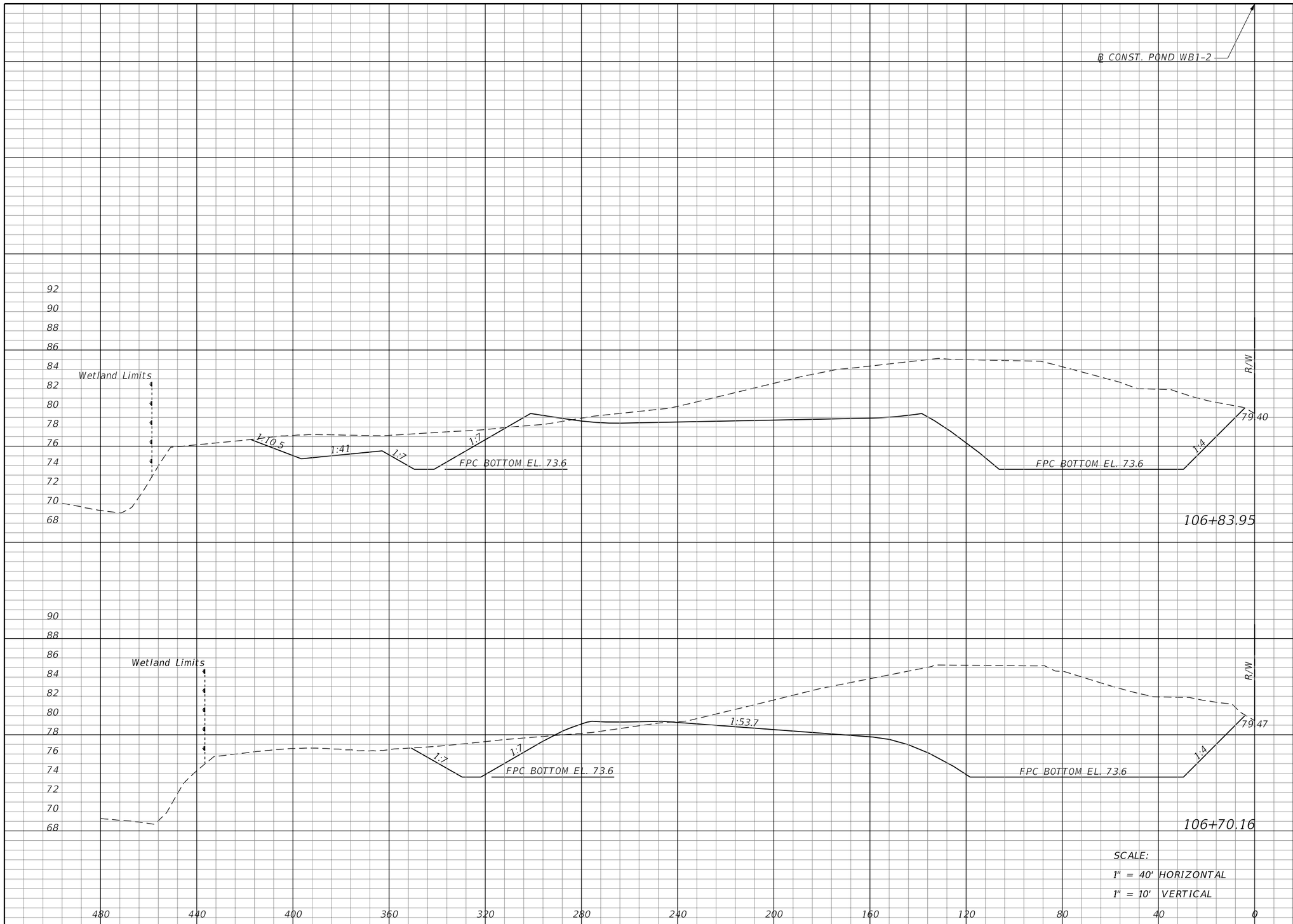
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
POND WB1-2

SHEET NO. 460

jcapra 3/28/2016 10:21:57 AM P:\7844-Wekiva3B\23827525201\drainage\PDXSRD06.dgn



SCALE:
1" = 40' HORIZONTAL
1" = 10' VERTICAL

Regular Exc.		Embankment	
A	V	A	V
1797	905	17	12
1745	1793	29	13

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

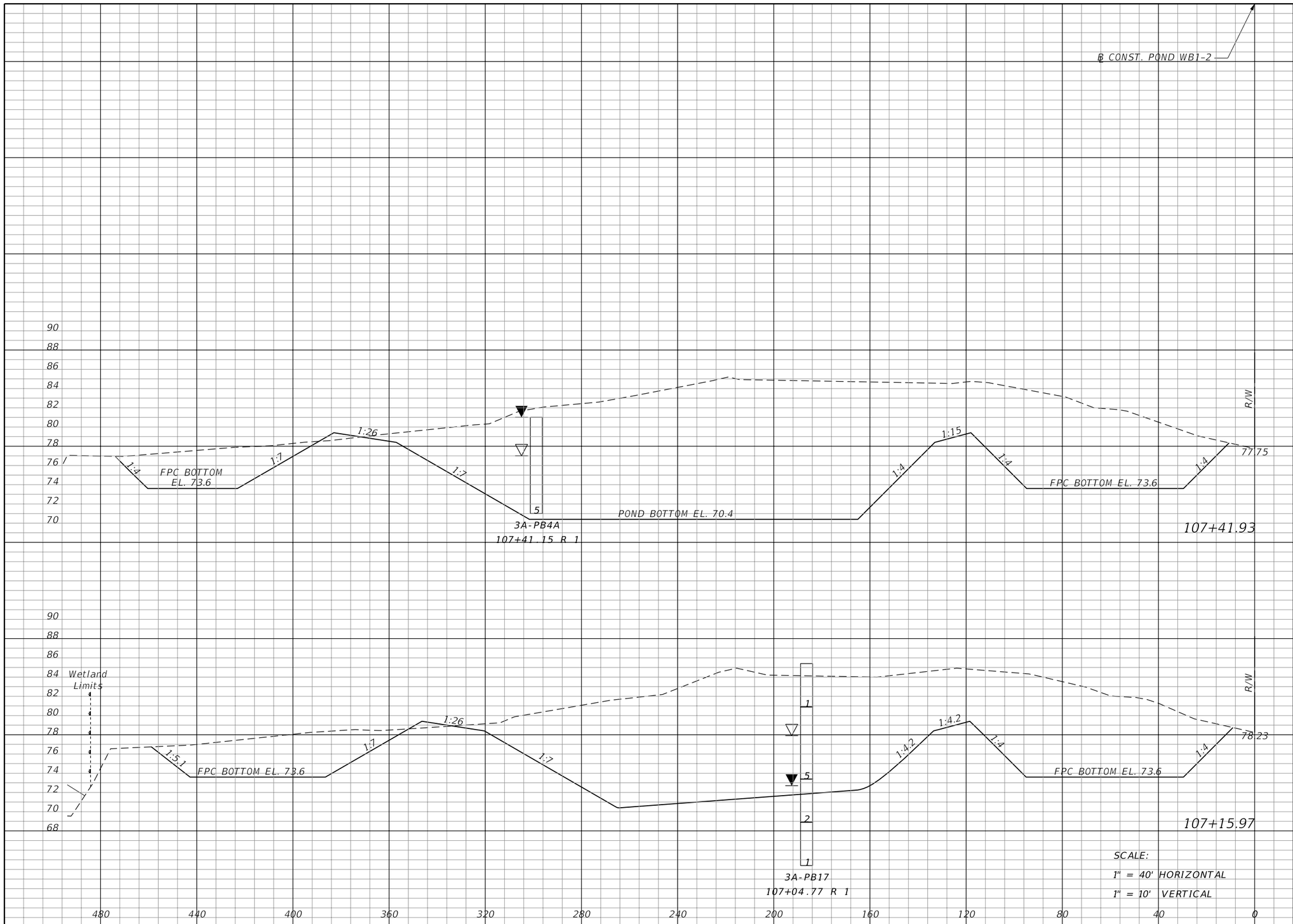
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
POND WB1-2

SHEET NO. 461

jcapra 3/28/2016 10:21:57 AM P:\7844-Wekiva3B\23827525201\drainage\PDXSRD06.dgn



SCALE:
1" = 40' HORIZONTAL
1" = 10' VERTICAL

Regular Exc.		Embankment	
A	V	A	V
3613	3239	7	6
3124	2918	6	14

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

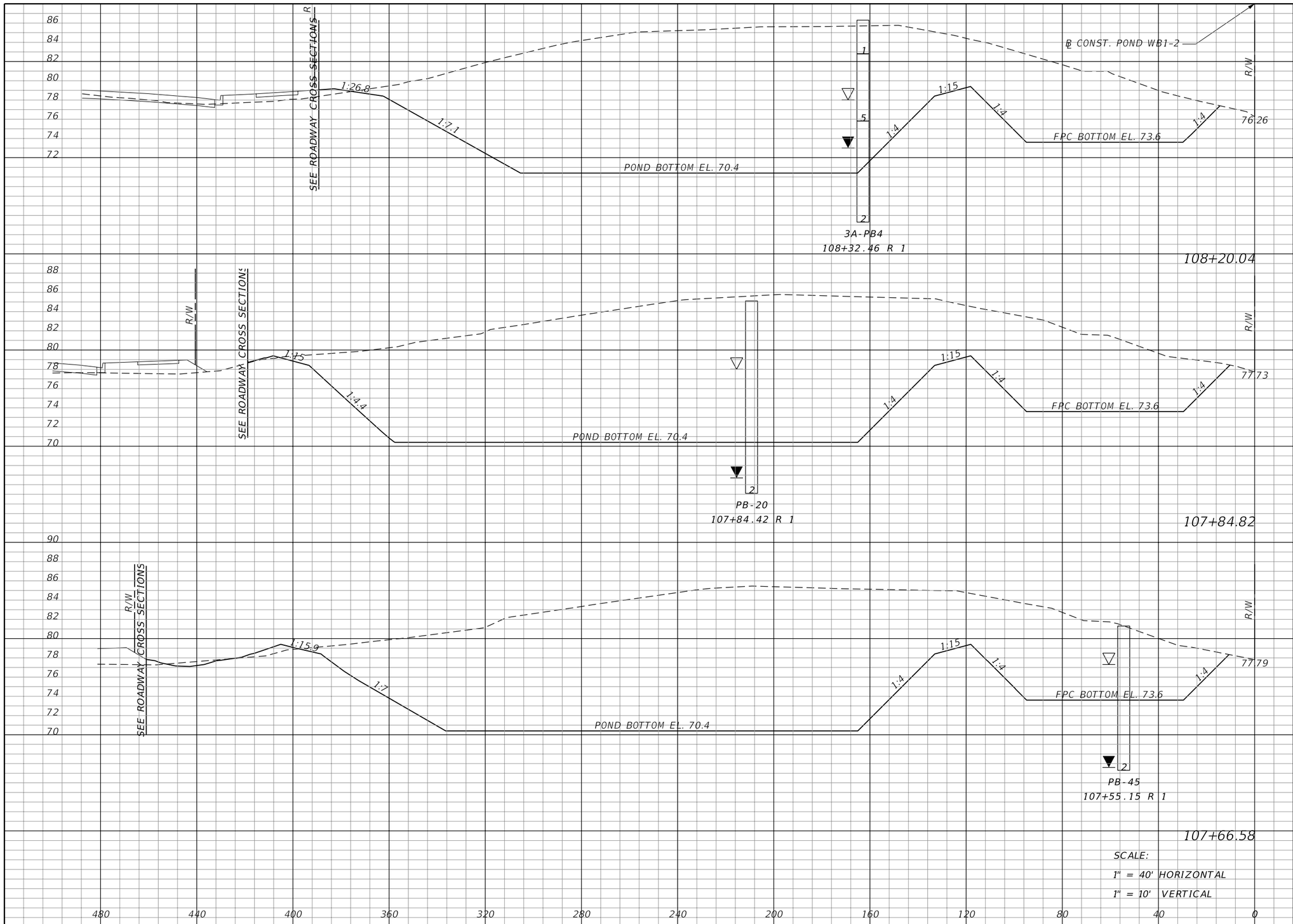
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
POND WB1-2

SHEET NO. 462

jcapra 3/28/2016 10:21:58 AM P:\7844-Wekiva3B\23827525201\drainage\PDXSRD06.dgn



Regular Exc.		Embankment	
A	V	A	V
3526	4889	12	16
3970	2625	13	9
3802	3385	14	10

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

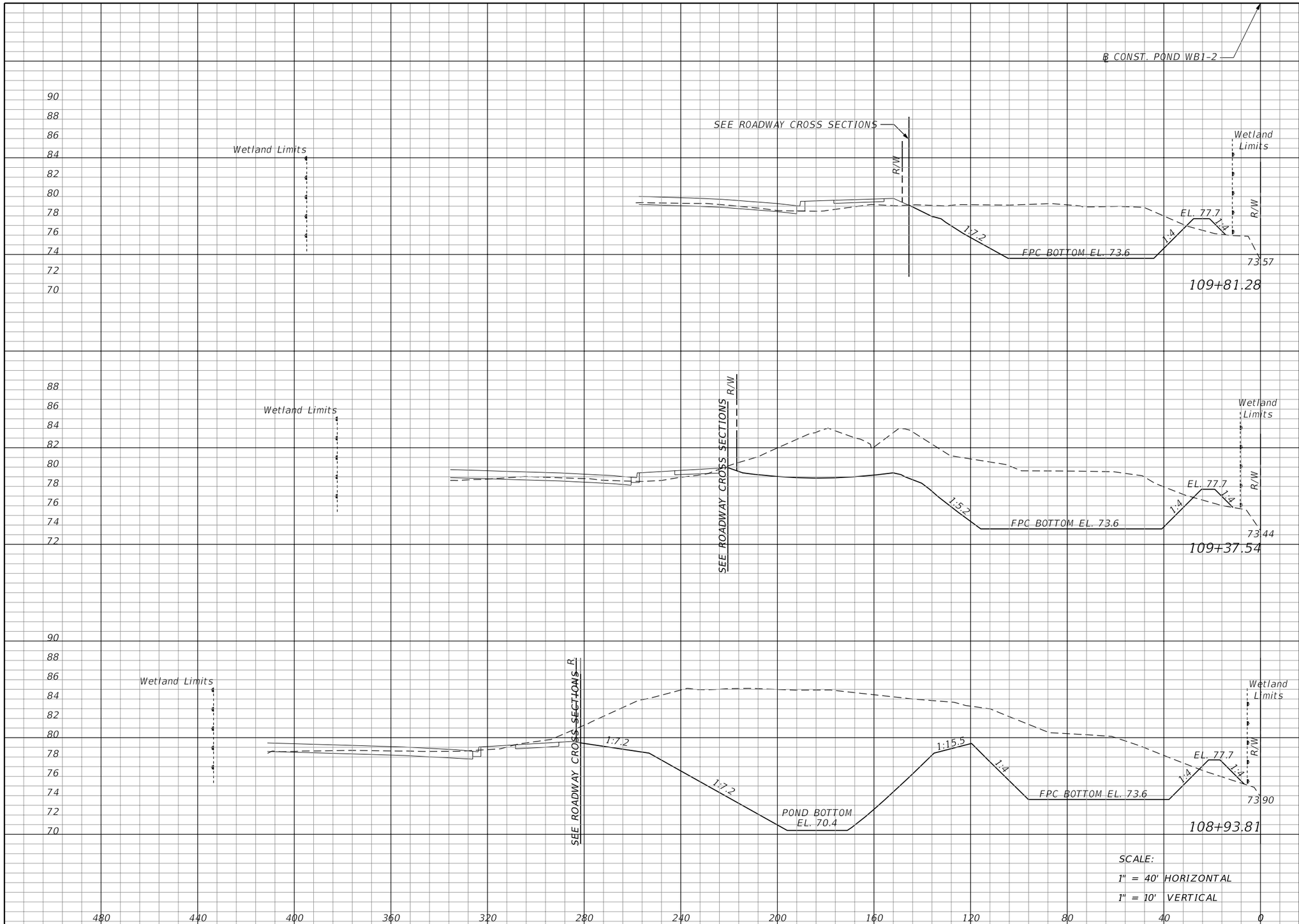
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
POND WB1-2

SHEET NO. 463

jcapra 3/28/2016 10:21:58 AM P:\7844-Wekiva3B\23827525201\drainage\PDXSRD06.dgn



Regular Exc.		Embankment	
A	V	A	V
469	1106	14	23
897	2382	15	27
2044	7609	18	41

SCALE:
1" = 40' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

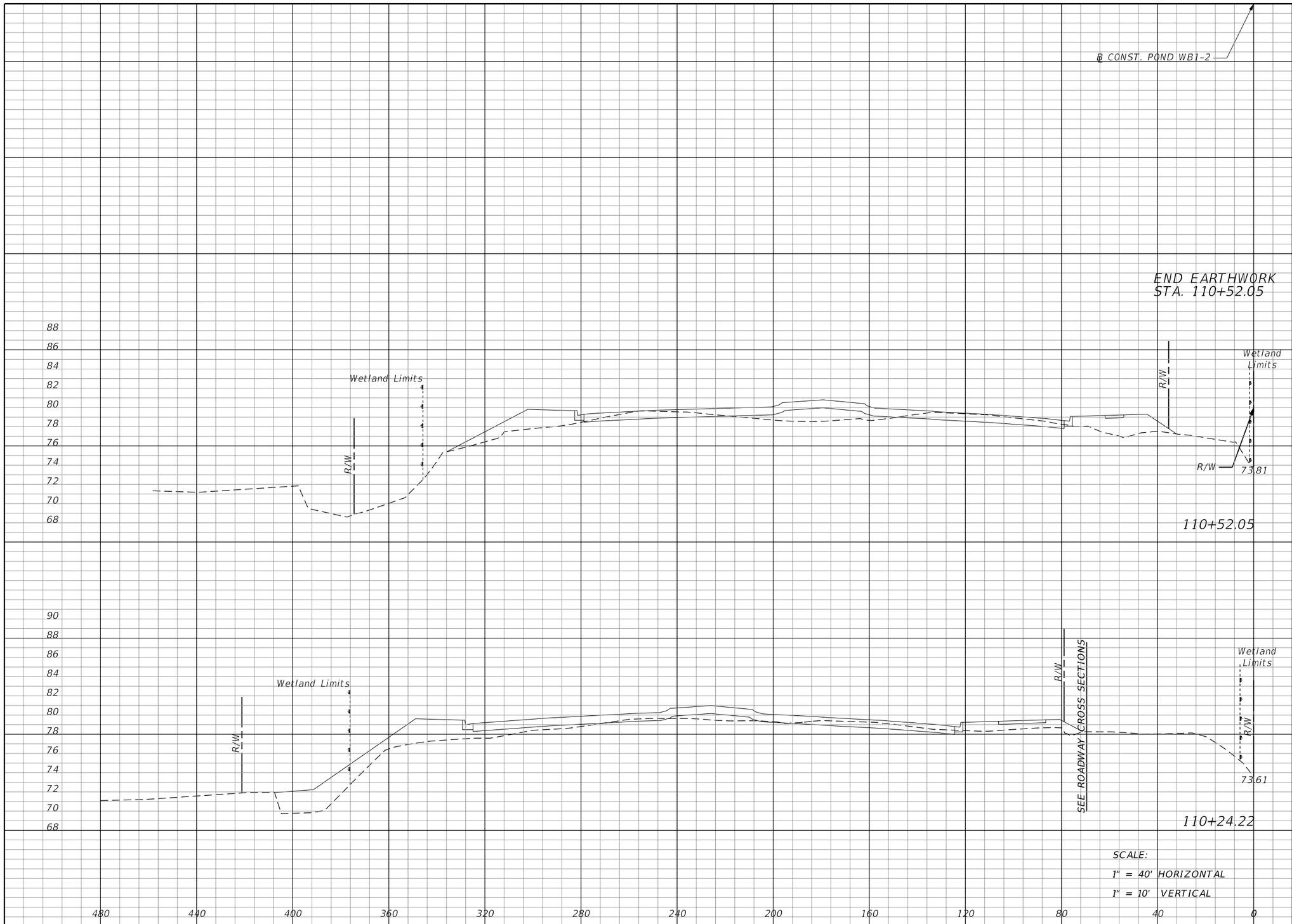
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
POND WB1-2

SHEET NO. 464

jcapra 3/28/2016 10:21:59 AM P:\7844-Wekiva3B\23827525201\drainage\PDXSRD06.dgn



Regular Exc.		Embankment	
A	V	A	V
0	0	0	0
0	373	0	11

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

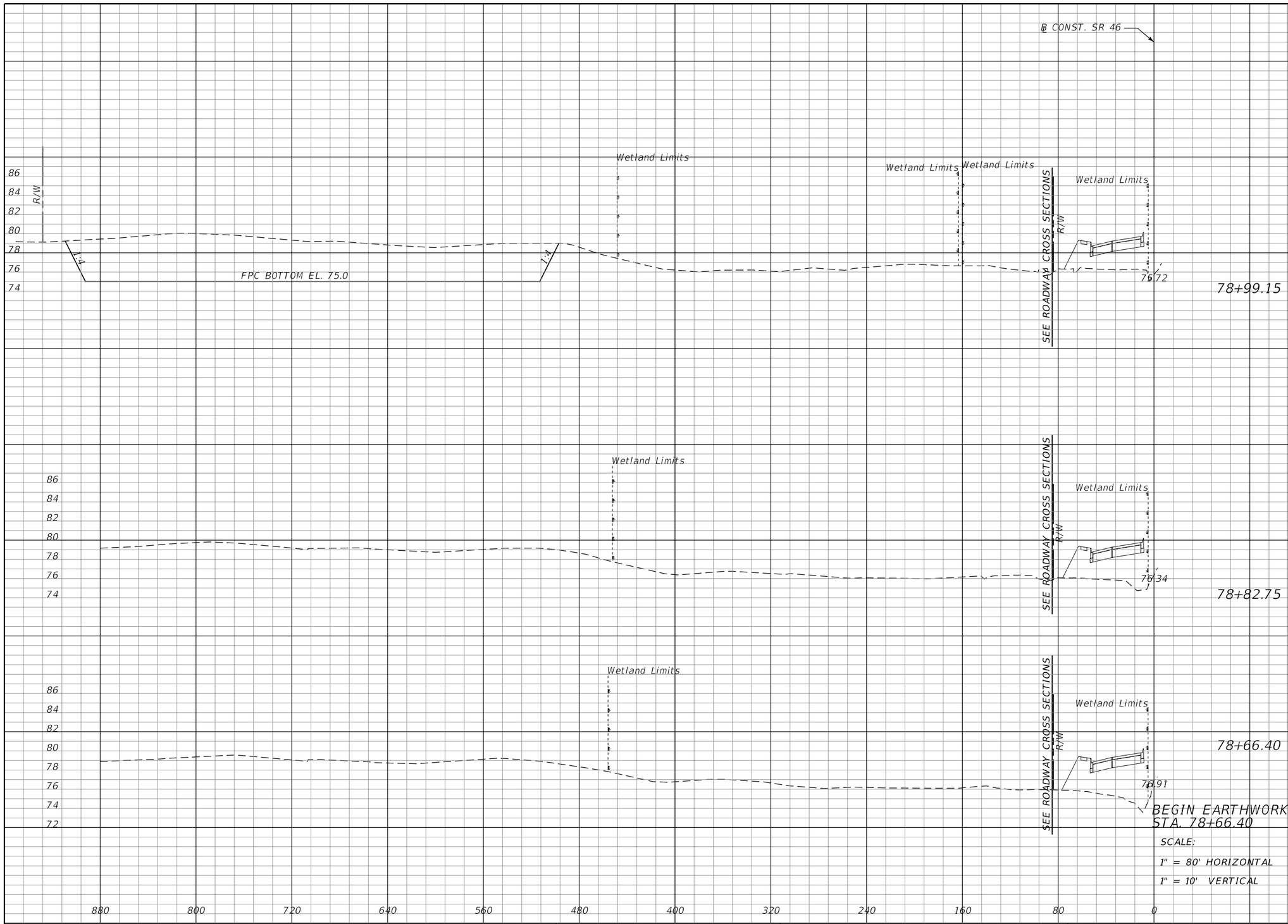
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
POND WB1-2

SHEET NO. 465

jcapra 3/28/2016 10:22:00 AM P:\7844-Wekiva3B\23827525201\drainage\PDXSRD06.dgn



Regular Exc.		Embankment	
A	V	A	V
1694	514	0	0
0	0	0	0
0	0	0	0
0	0	0	0

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

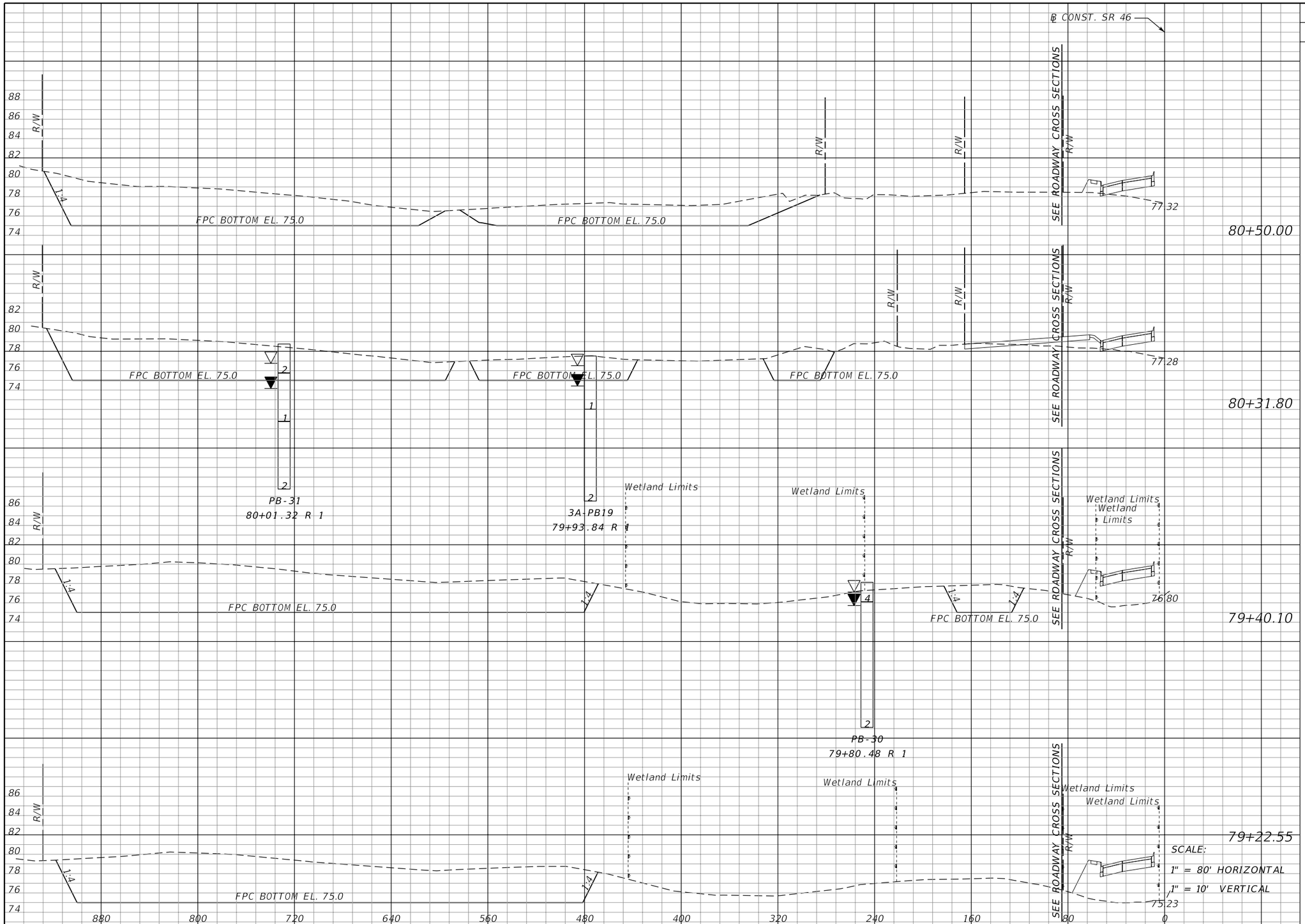
ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB2A

SHEET NO. 466



Regular Exc.		Embankment	
A	V	A	V
1615	1077	0	0
1580	5959	0	0
1929	1217	0	0
1817	1521	0	0

SCALE:
1" = 80' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

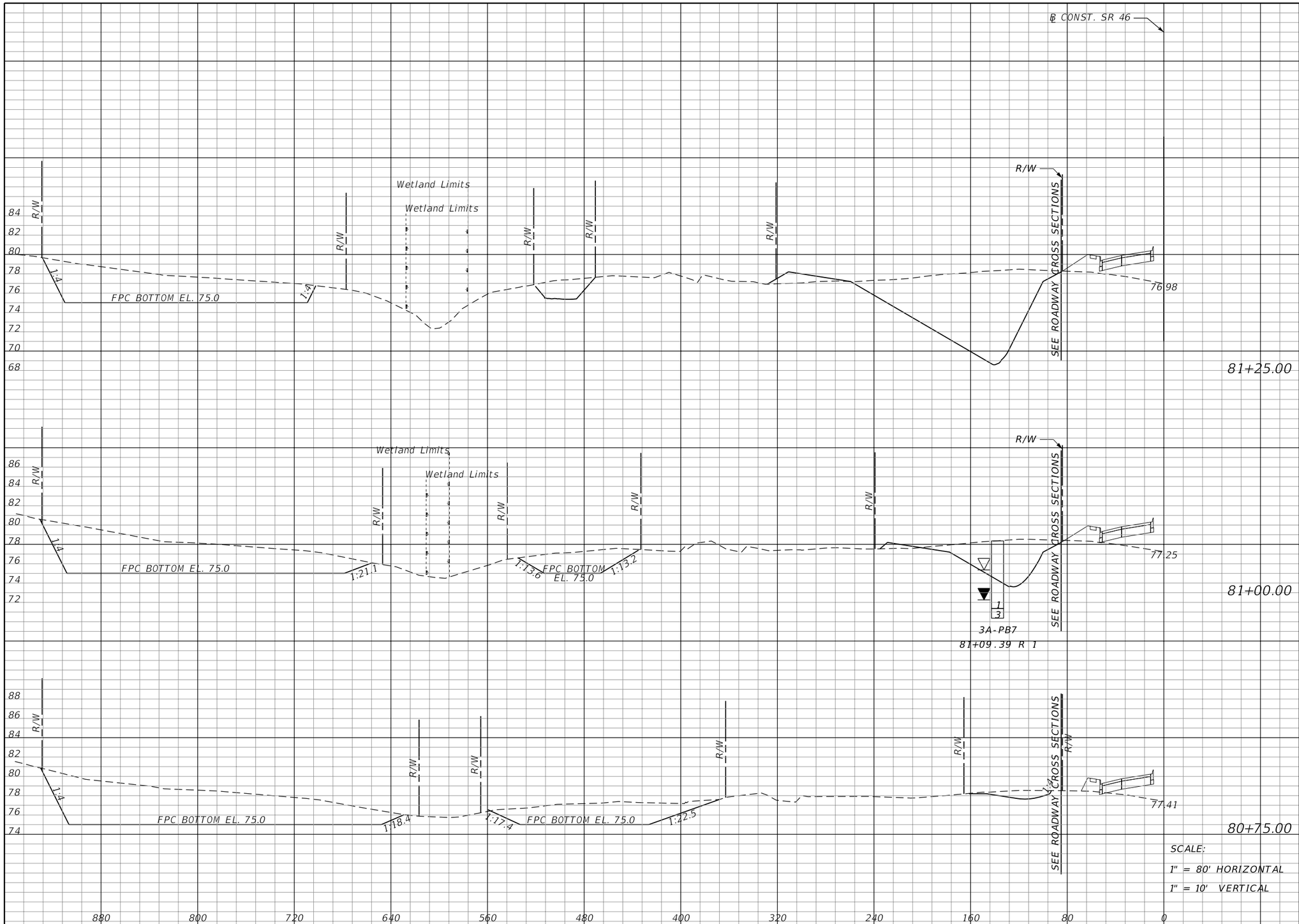
ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB2A

SHEET NO. 467



Regular Exc.		Embankment	
A	V	A	V
1527	1283	39	23
1244	1167	11	5
1277	1339	0	0

SCALE:
1" = 80' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

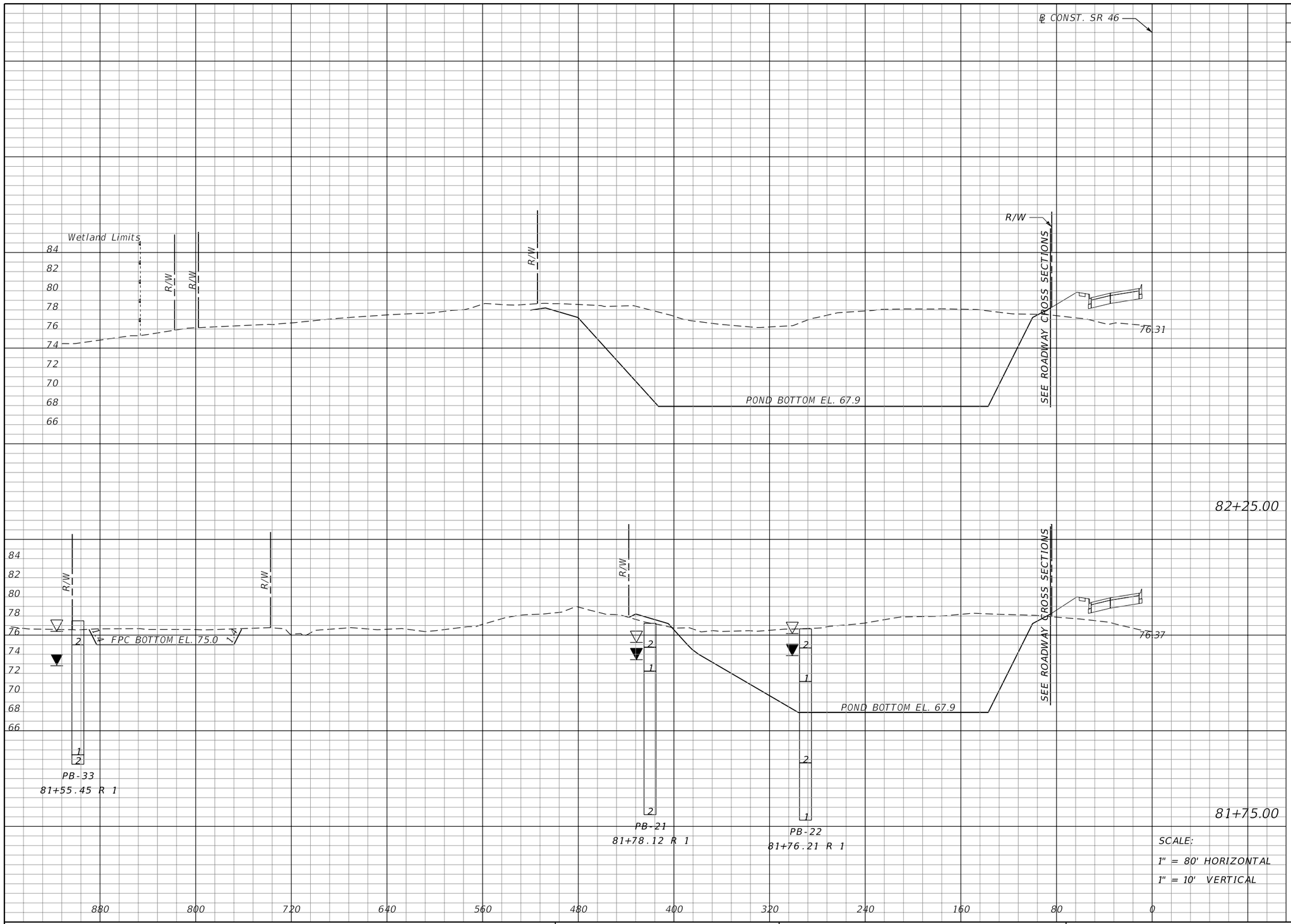
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB2A

SHEET NO. 468

jcapra 3/28/2016 10:22:02 AM P:\7844-Wekiva3B\23827525201\drainage\PDXSRD07.dgn



Regular Exc.		Embankment	
A	V	A	V
3205	5222	4	19
2435	3669	17	52

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

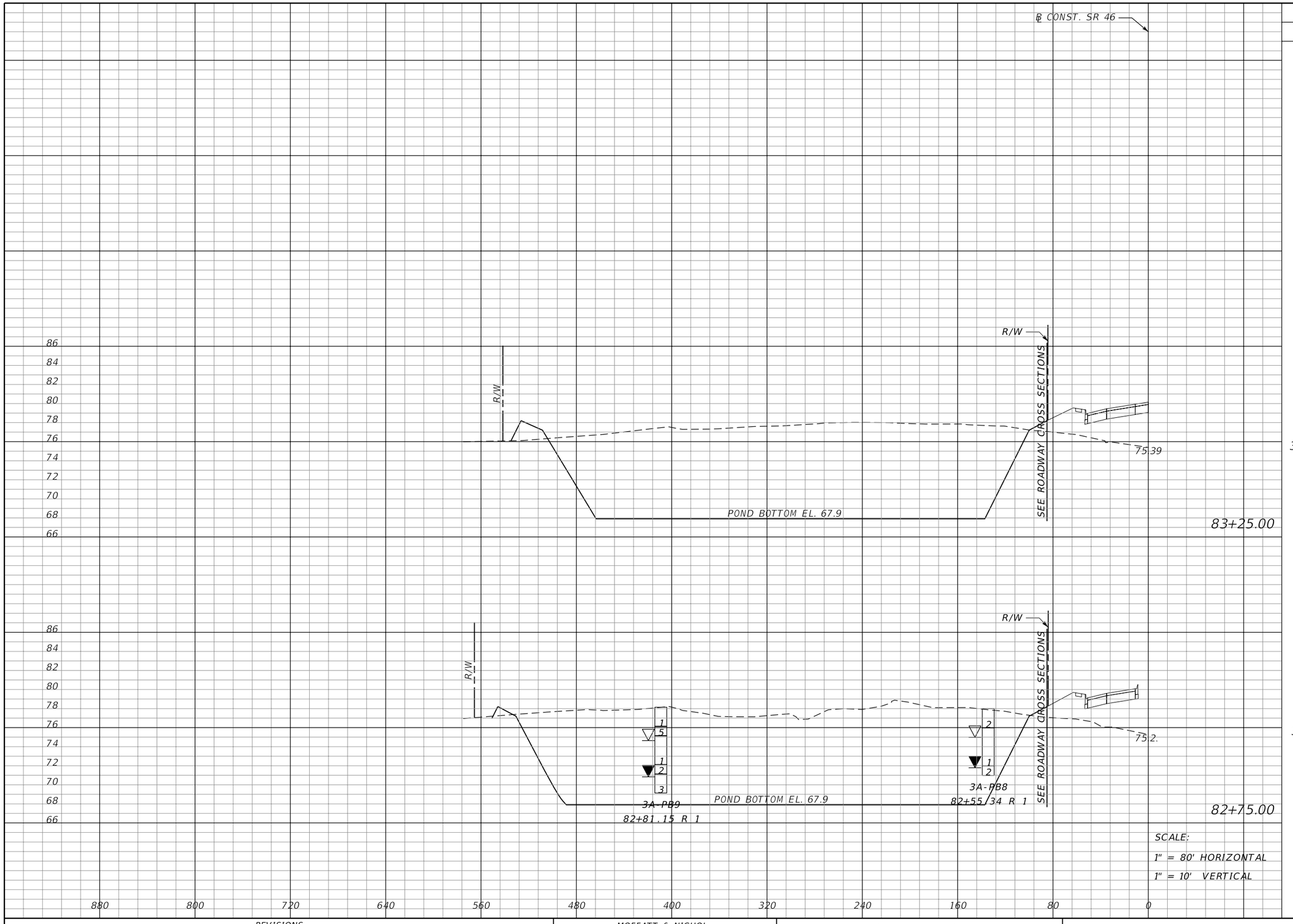
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB2A

SHEET NO. 469

jcapra 3/28/2016 10:22:03 AM P:\7844-Wekiva3B\23827525201\drainage\PDXSRD07.dgn



SCALE:

1" = 80' HORIZONTAL

1" = 10' VERTICAL

Regular Exc.		Embankment	
A	V	A	V
3532	6873	47	59
3891	6570	17	19

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

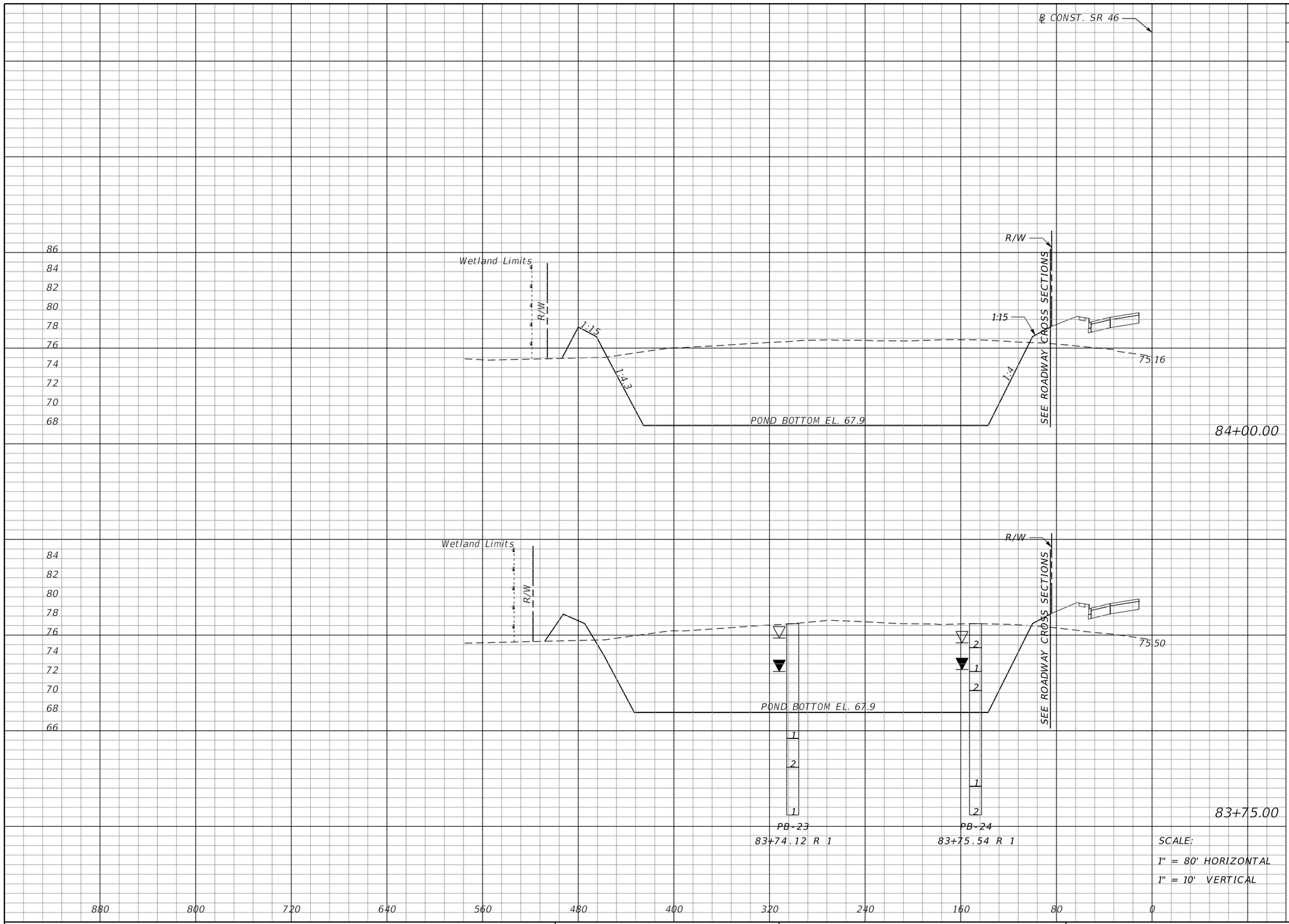
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB2A

SHEET NO. 470

jcapra 3/28/2016 10:22:03 AM P:\7844-Wekiva3B\23827525201\drainage\PDXSRD07.dgn



Regular Exc.		Embankment	
A	V	A	V
2771	2666	93	81
2988	6037	83	120

SCALE:
1" = 80' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

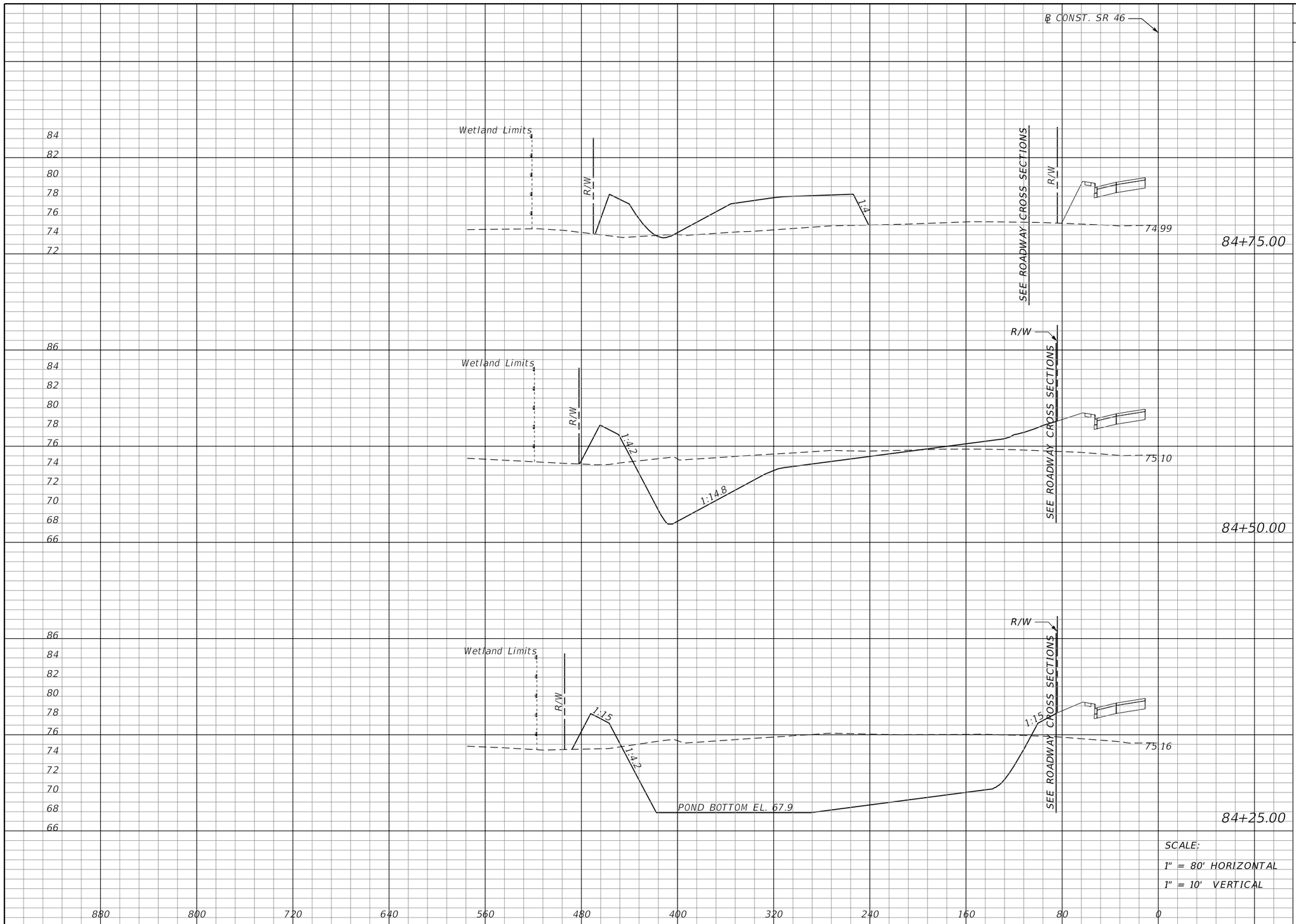
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB2A

SHEET NO. 471

jcapra 3/28/2016 10:22:04 AM P:\7844-Wekiva3B\23827525201\drainage\PDXSRD07.dgn



Regular Exc.		Embankment	
A	V	A	V
3	271	547	364
583	1308	239	169
2242	2321	125	101

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

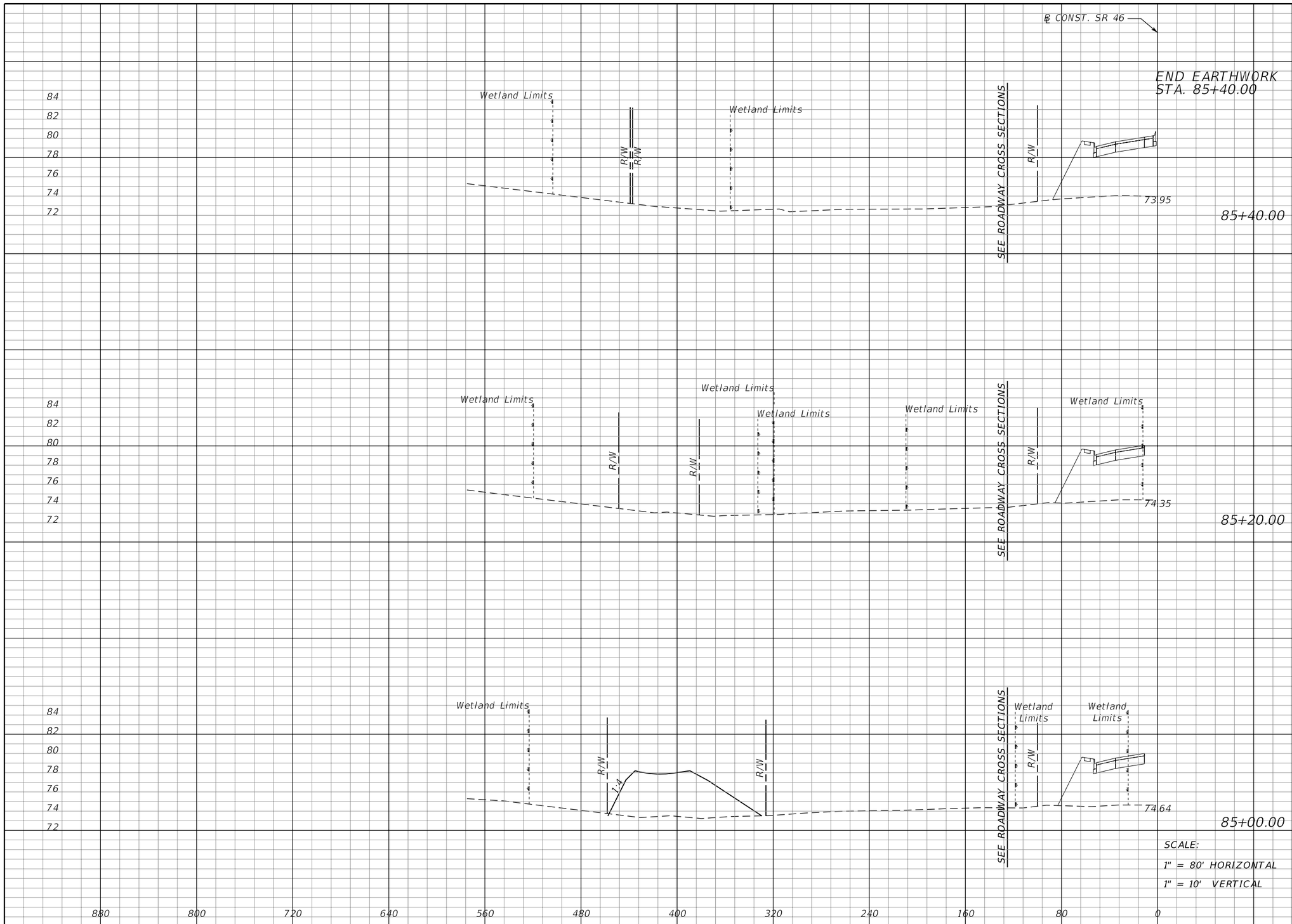
ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB2A

SHEET NO. 472



Regular Exc.		Embankment	
A	V	A	V
0	0	0	0
0	0	0	156
0	1	420	448

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

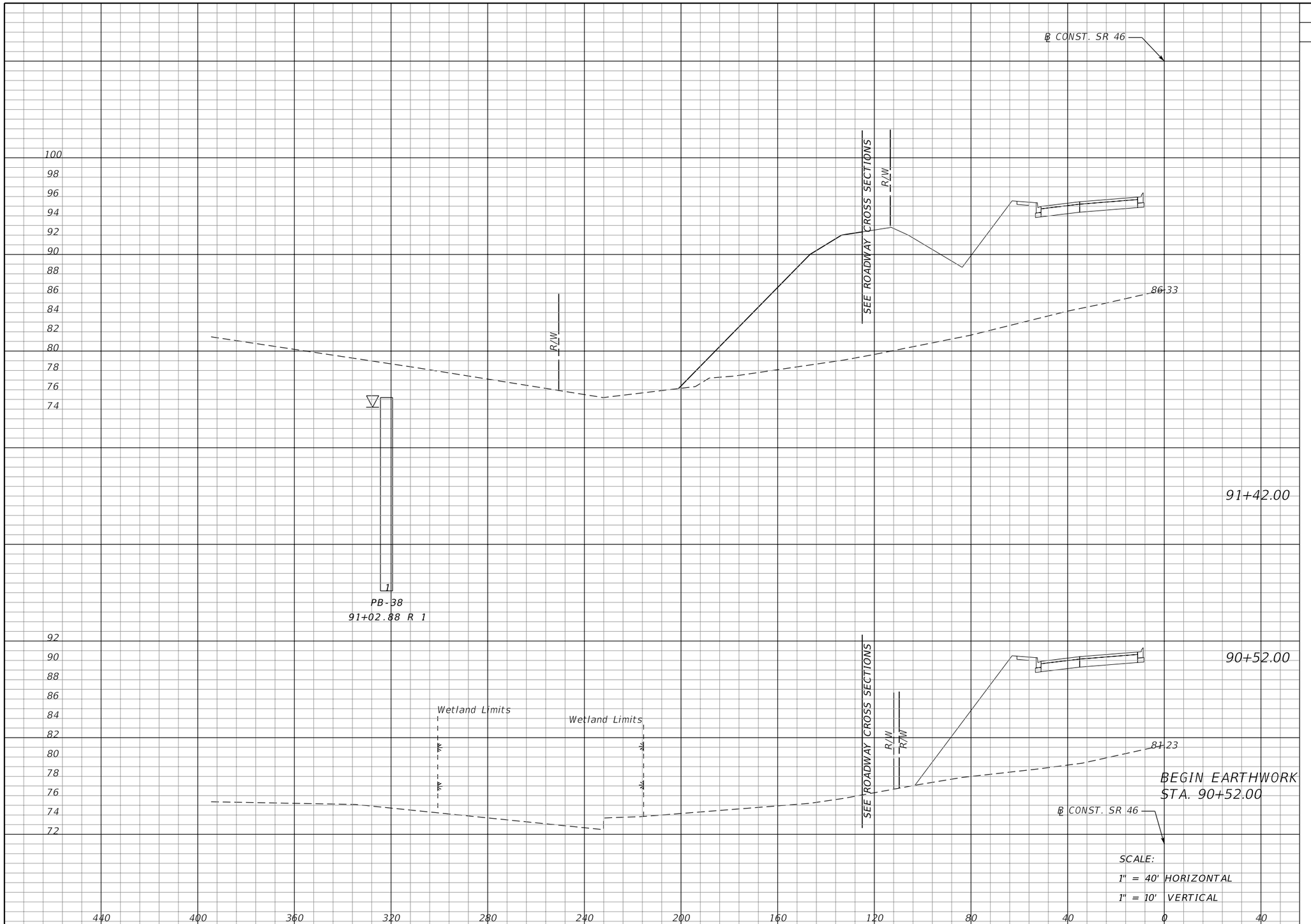
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB2A

SHEET NO. 473

jcapra 3/28/2016 10:22:05 AM P:\7844-Wekiva3B\23827525201\drainage\PDXSRD07.dgn



Regular Exc.		Embankment	
A	V	A	V
0	0	573	955
0	0	0	0

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

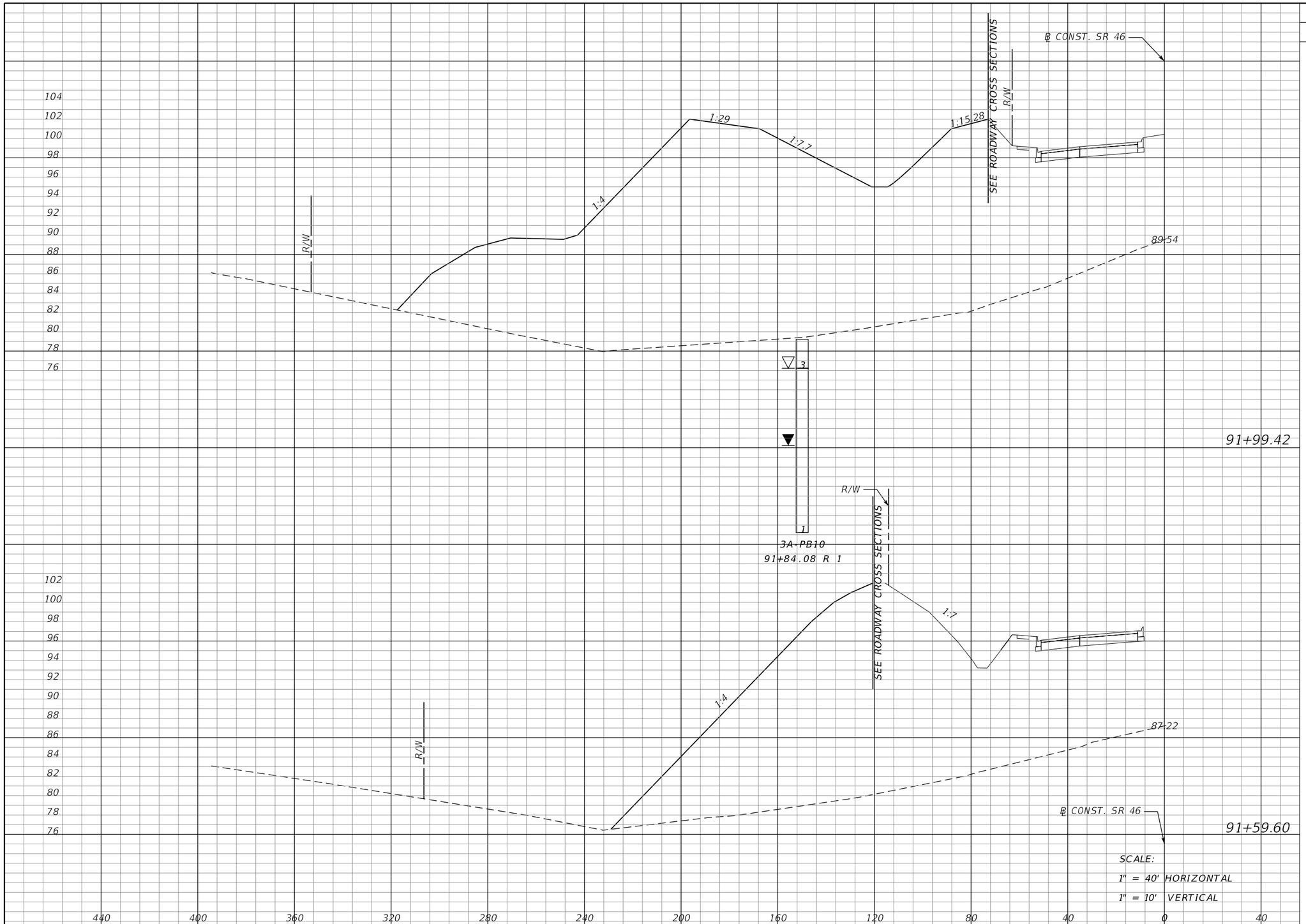
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB2B

SHEET NO. 474

jcapra 3/28/2016 10:22:07 AM P:\7844-Wekiva3B\23827525201\drainage\PDXSRD08.dgn



Regular Exc.		Embankment	
A	V	A	V
0	0	3726	3719
0	0	1318	616

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

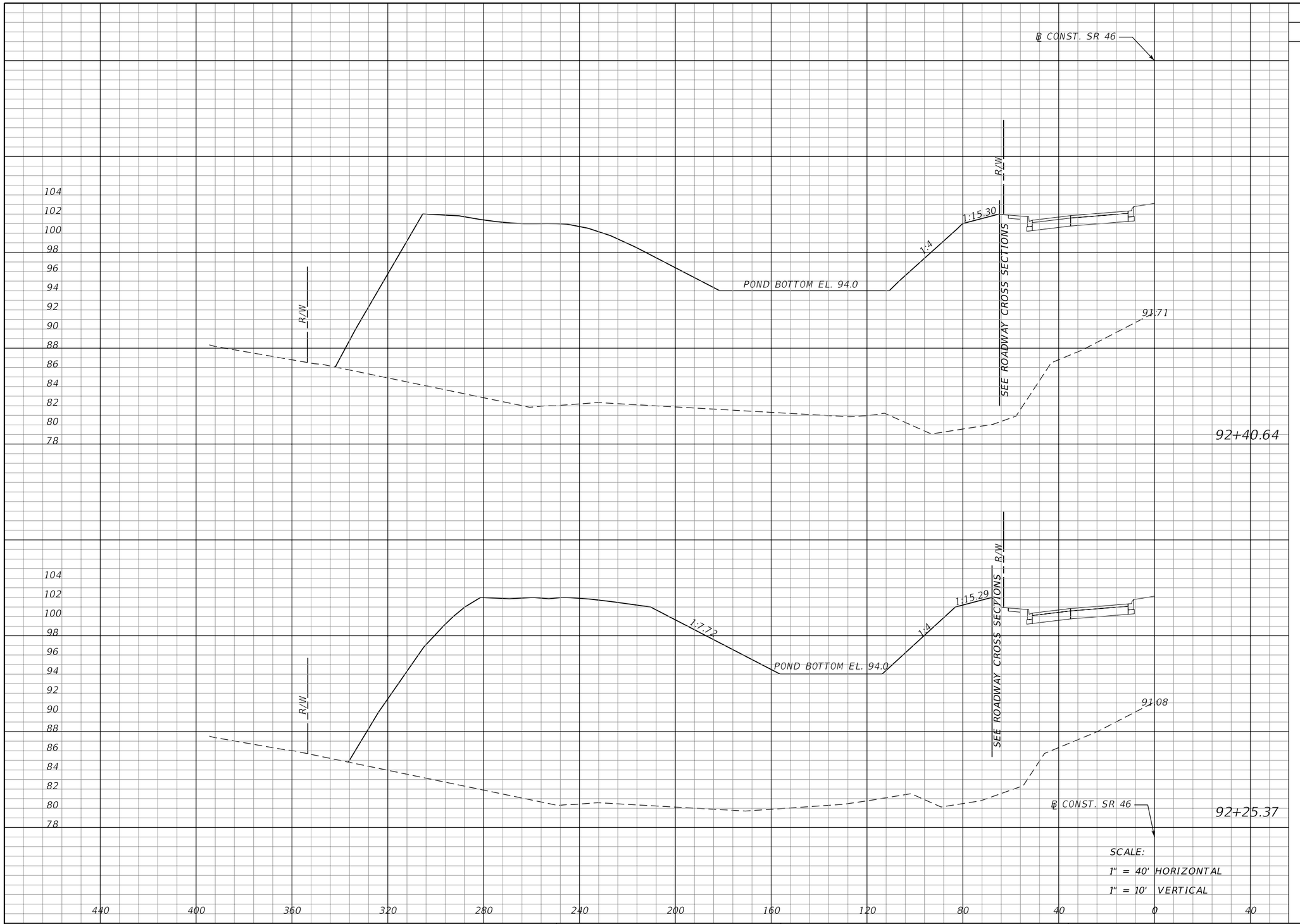
ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB2B

SHEET NO. 475



Regular Exc.		Embankment	
A	V	A	V
0	0	4254	2468
0	0	4472	3940

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

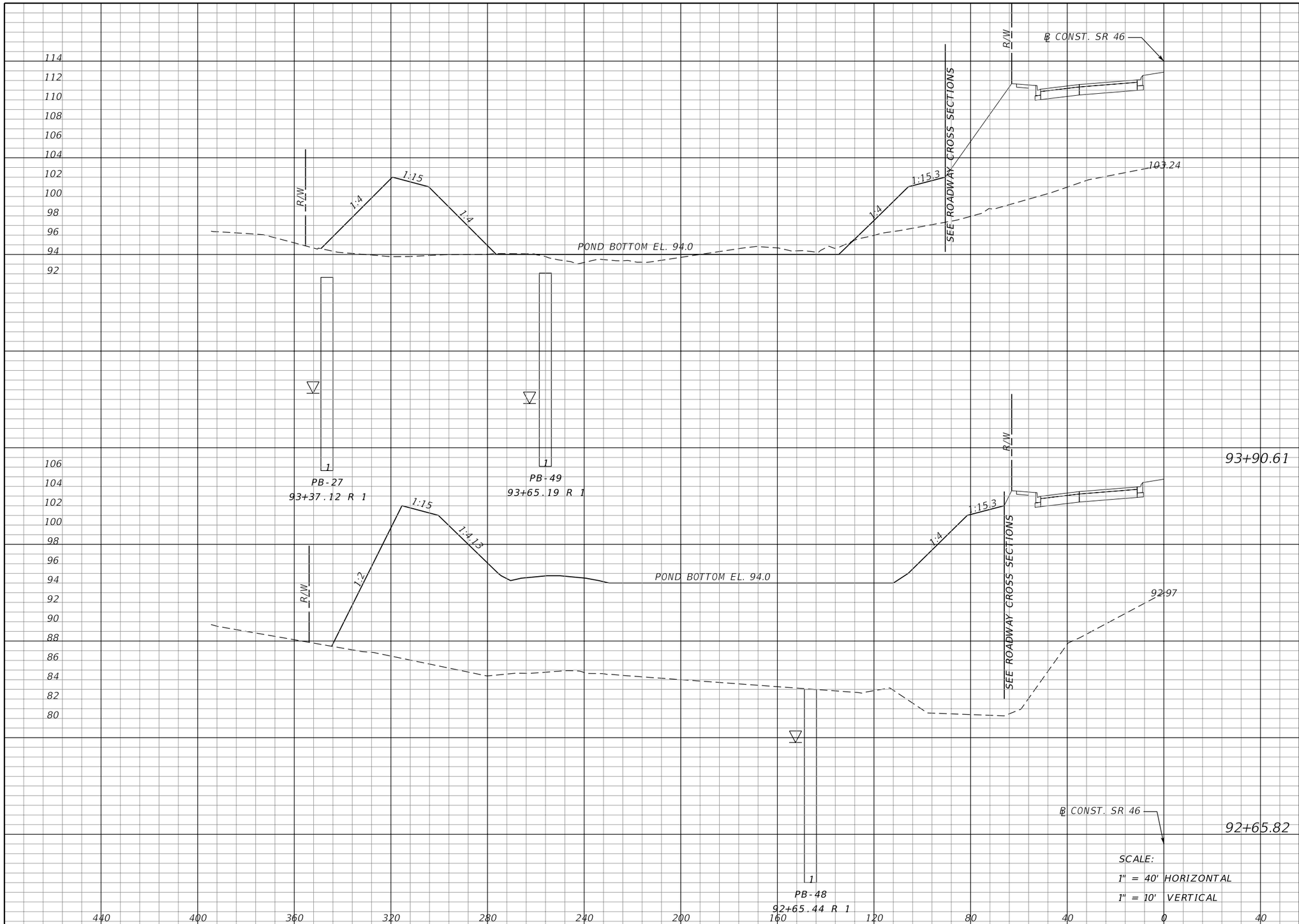
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB2B

SHEET NO. 476

jcapra 3/28/2016 10:22:08 AM P:\7844-Wekiva3B\23827525201\drainage\PDXSRD08.dgn



Regular Exc.		Embankment	
A	V	A	V
36	83	493	8758
0	0	3297	3521

SCALE:
1" = 40' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

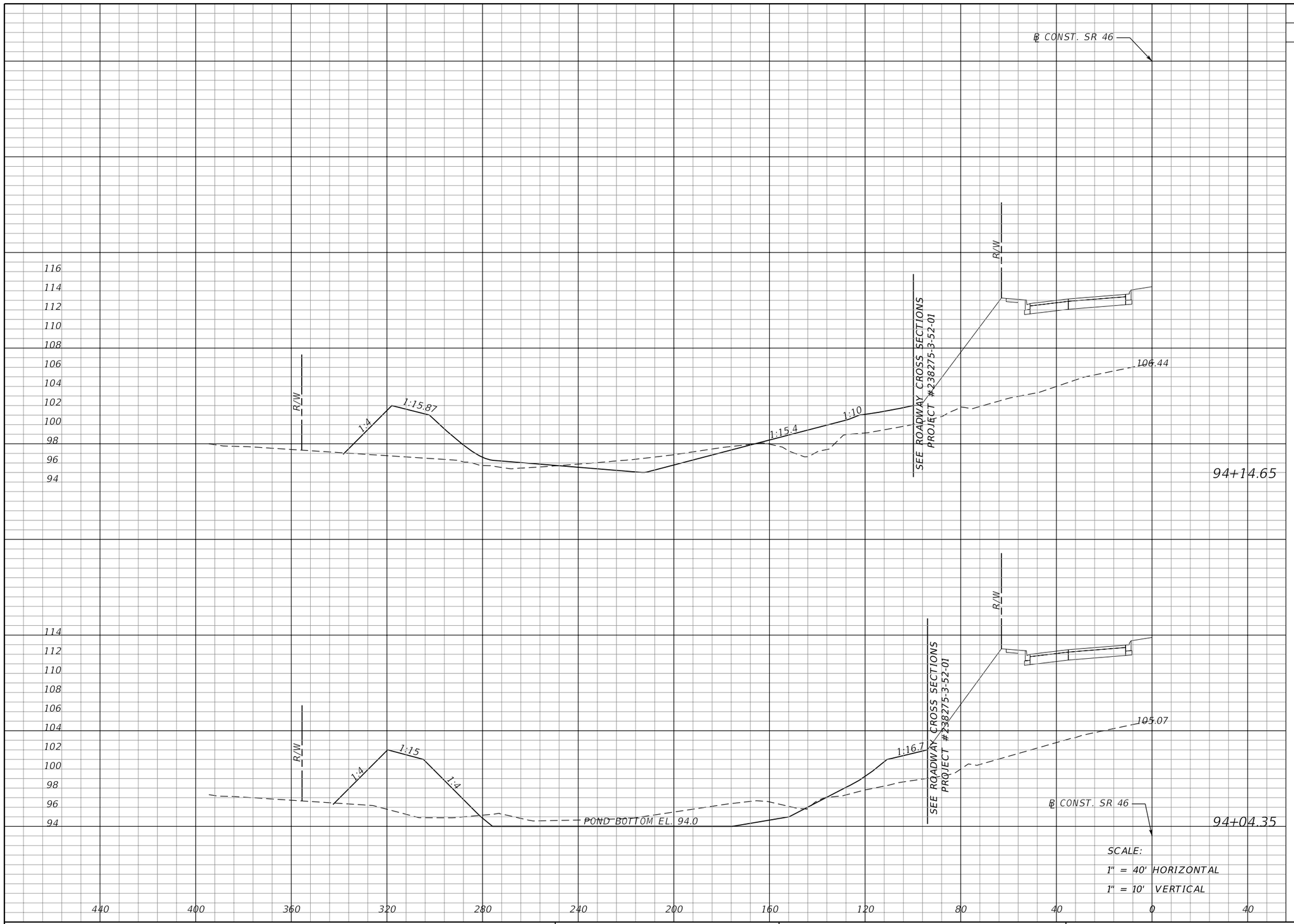
ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB2B

SHEET NO. 477



Regular Exc.		Embankment	
A	V	A	V
62	44	315	119
168	52	311	205

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

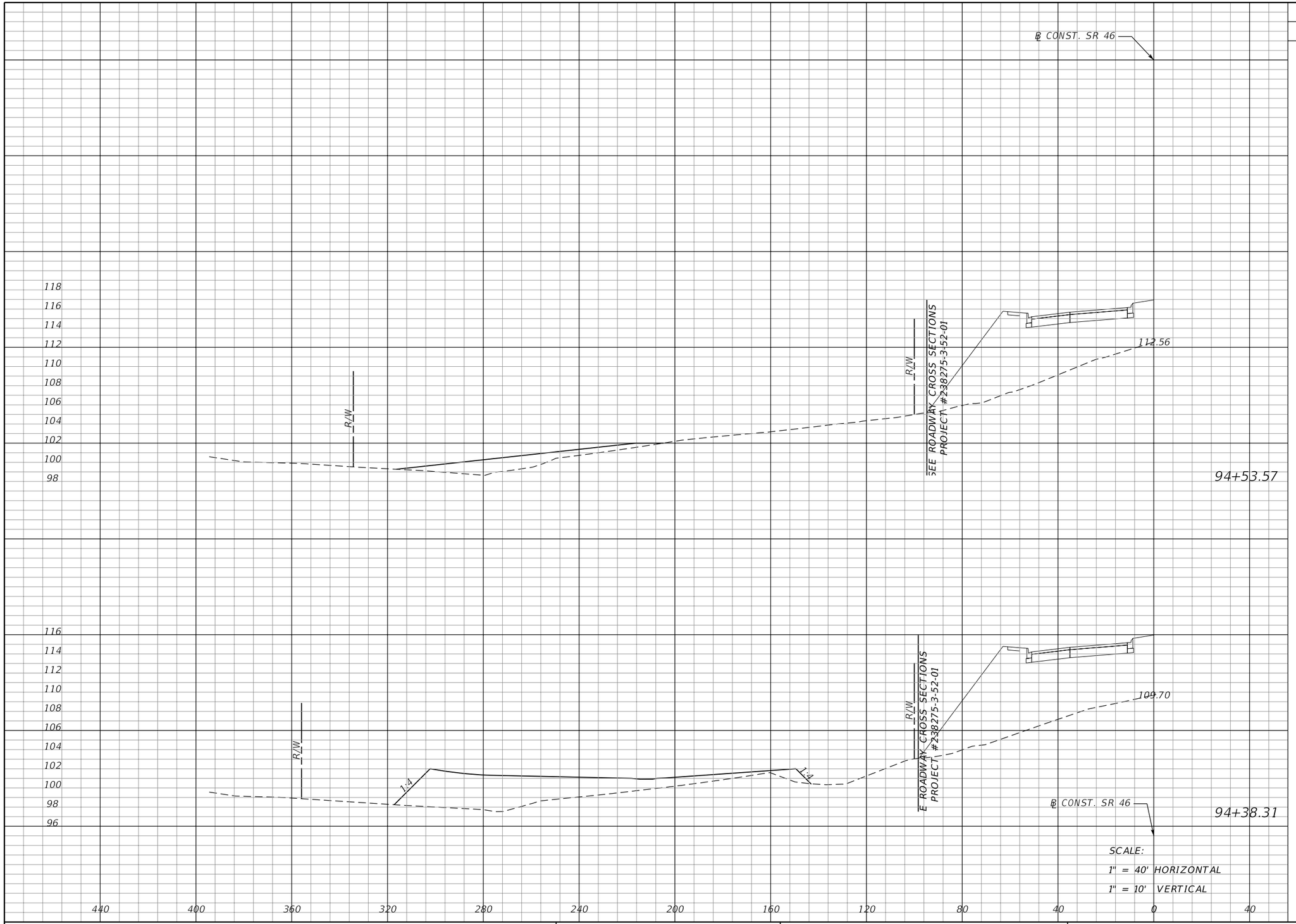
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB2B

SHEET NO. 478

jcapra 3/28/2016 10:22:09 AM P:\7844-Wekiva3B\23827525201\drainage\PDXSRD08.dgn



Regular Exc.		Embankment	
A	V	A	V
0	0	90	117
0	27	324	280

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

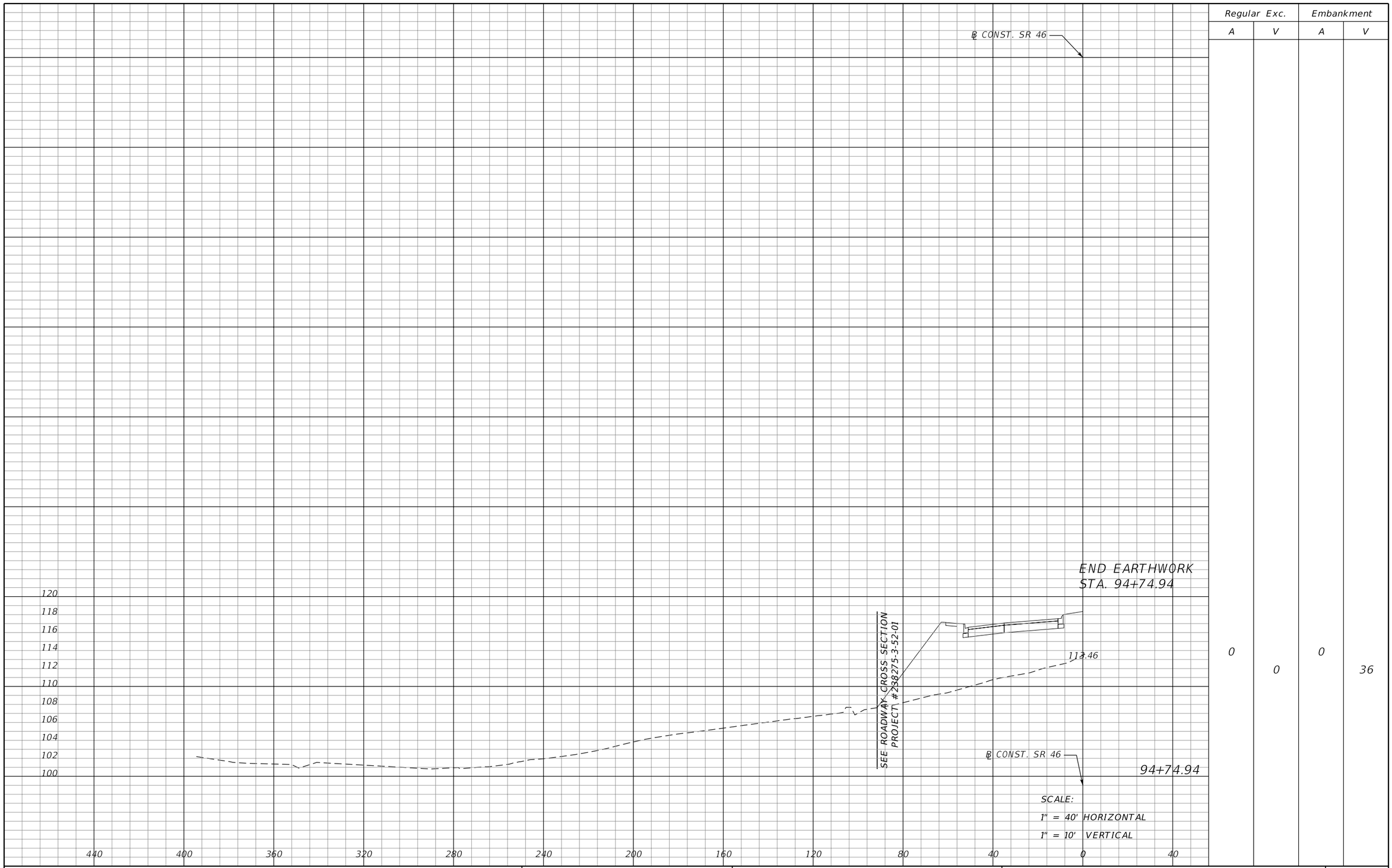
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB2B

SHEET NO. 479

jcapra 3/28/2016 10:22:10 AM P:\7844-Wekiva3B\23827525201\drainage\PDXSRD08.dgn



Regular Exc.		Embankment	
A	V	A	V
0	0	0	36

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

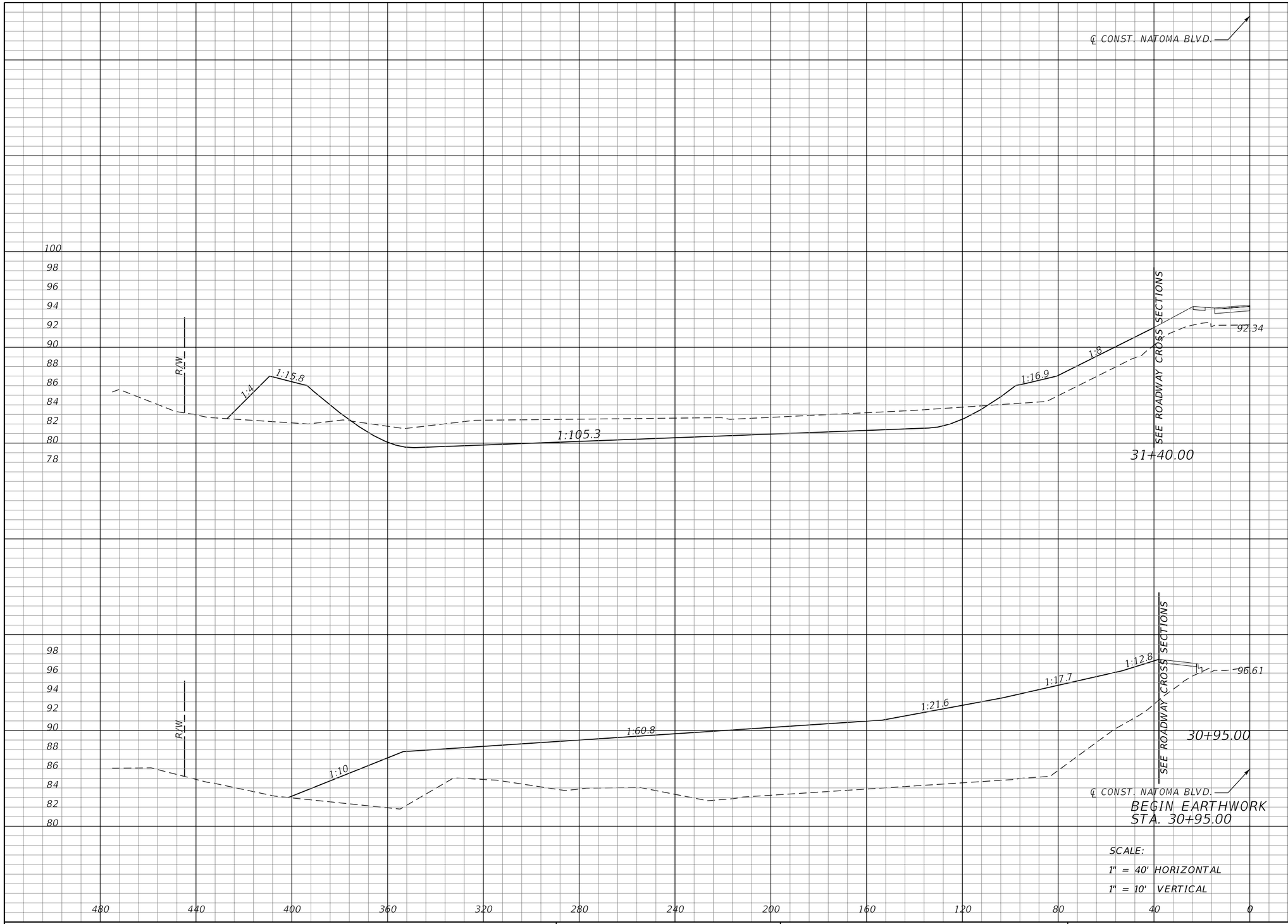
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB2B

SHEET NO. 480

jcapra 3/28/2016 10:22:10 AM P:\7844-Wekiva3B\23827525201\drainage\PDXSRD08.dgn



Regular Exc.		Embankment	
A	V	A	V
516	430	278	2028
0	0	2155	0

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

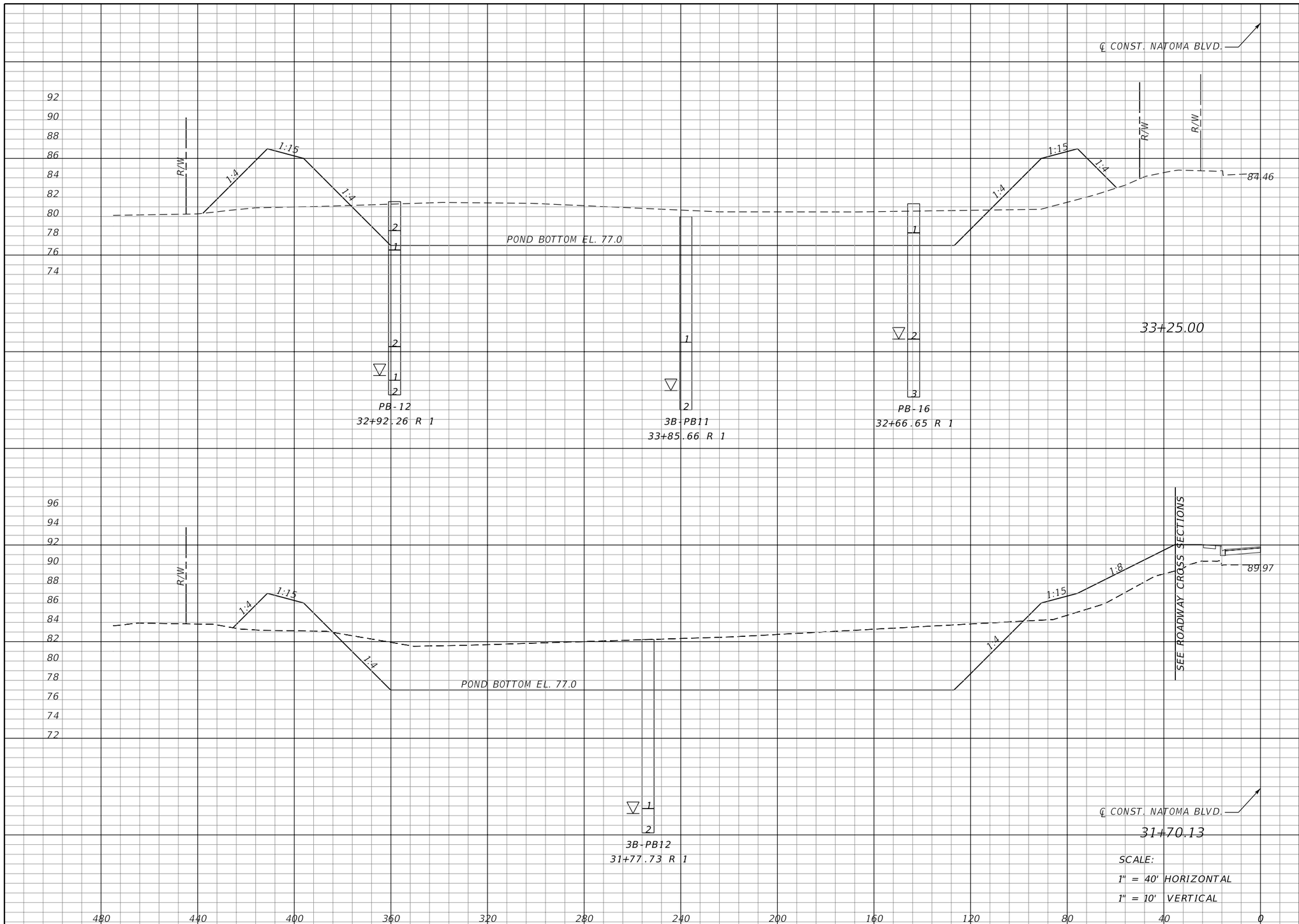
ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB441-2

SHEET NO. 481



Regular Exc.		Embankment	
A	V	A	V
962	6829	390	1767
1419	1080	226	281

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

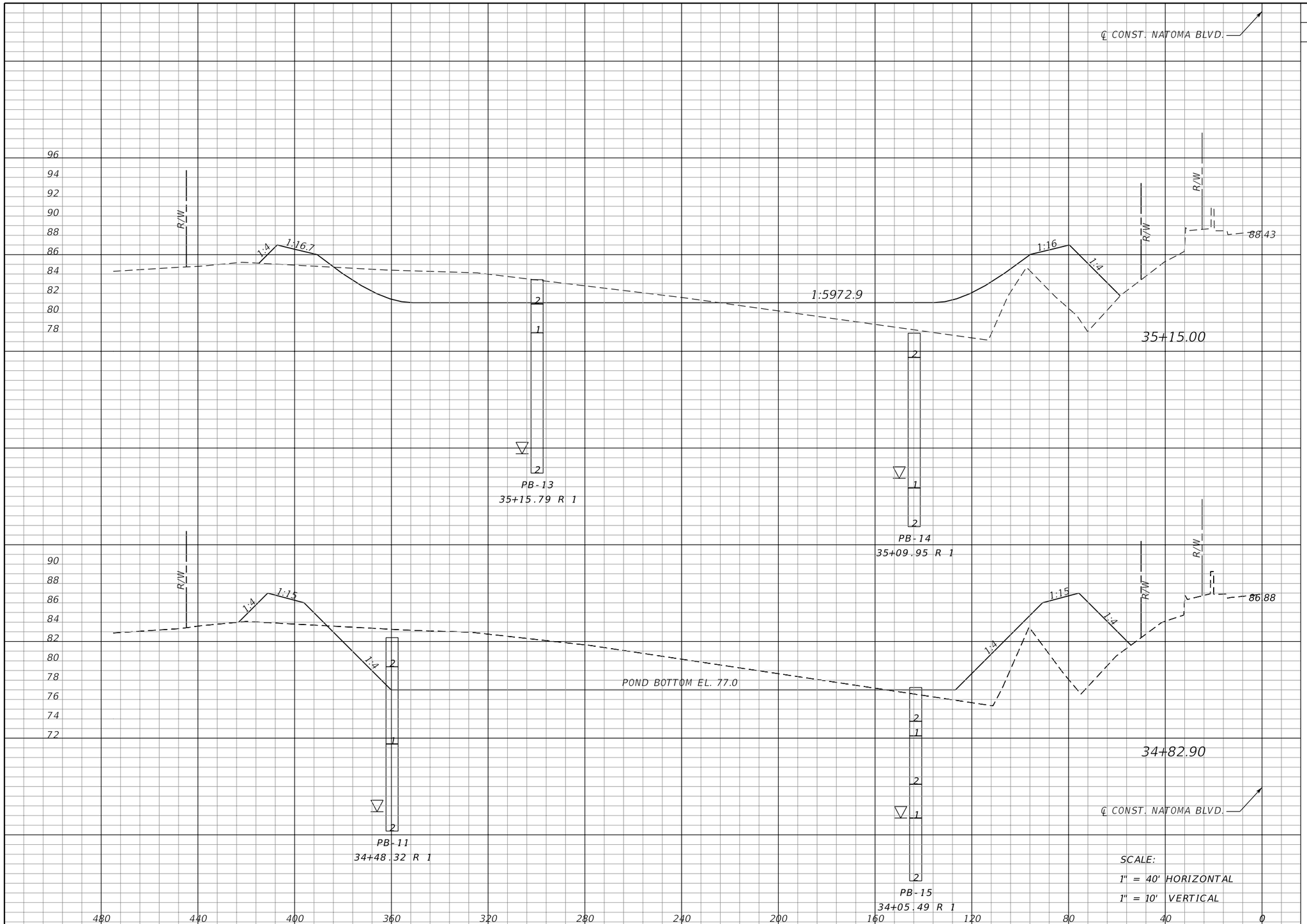
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB441-2

SHEET NO. 482

jcapra 3/28/2016 10:22:12 AM P:\7844-Wekiva3B\23827525201\drainage\PDXSRD09.dgn



SCALE:
1" = 40' HORIZONTAL
1" = 10' VERTICAL

Regular Exc.		Embankment	
A	V	A	V
312	676	487	541
825	5225	423	2377

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

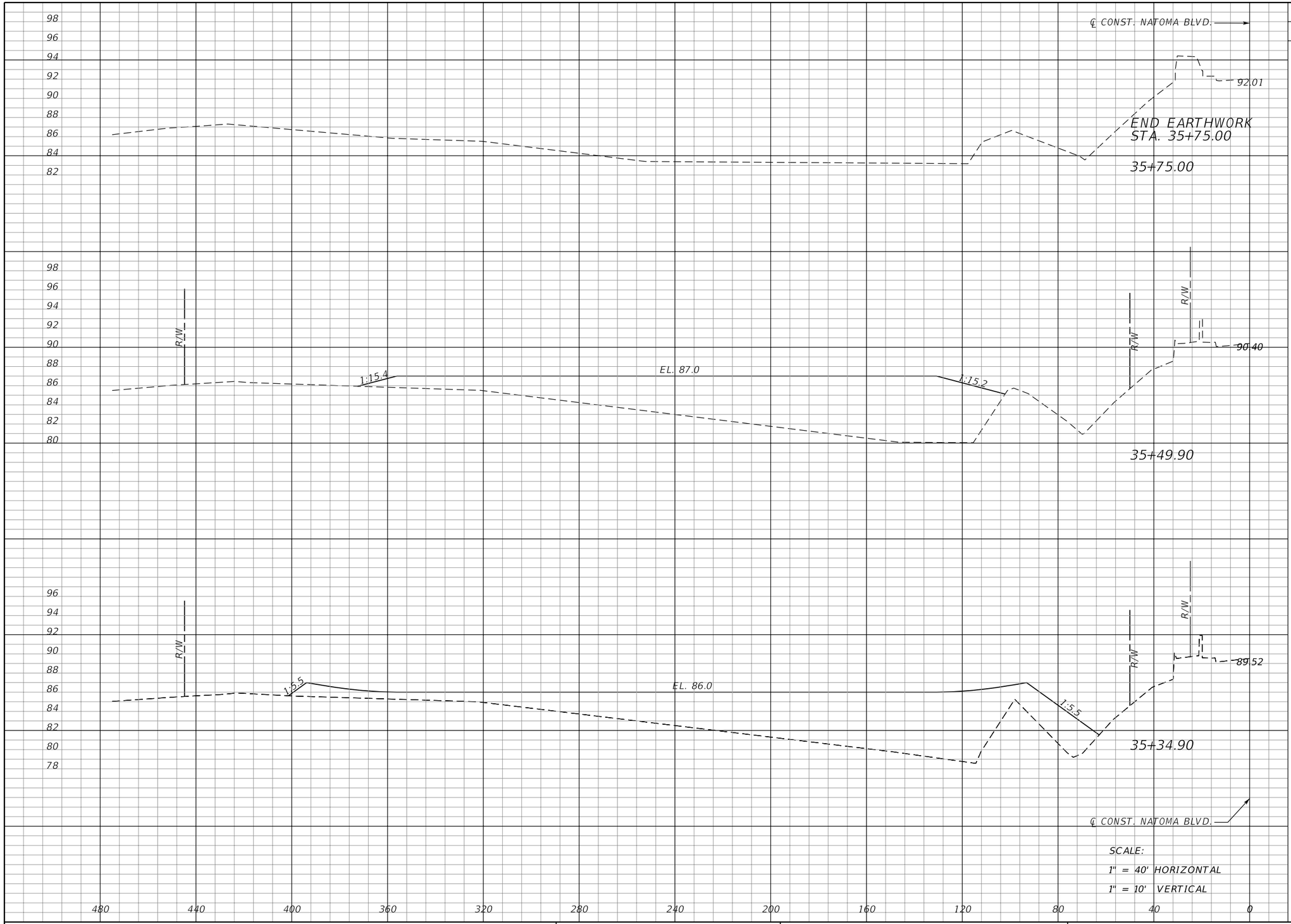
ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB441-2

SHEET NO. 483



Regular Exc.		Embankment	
A	V	A	V
0	0	0	482
0	0	1038	598
0	115	1116	591

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

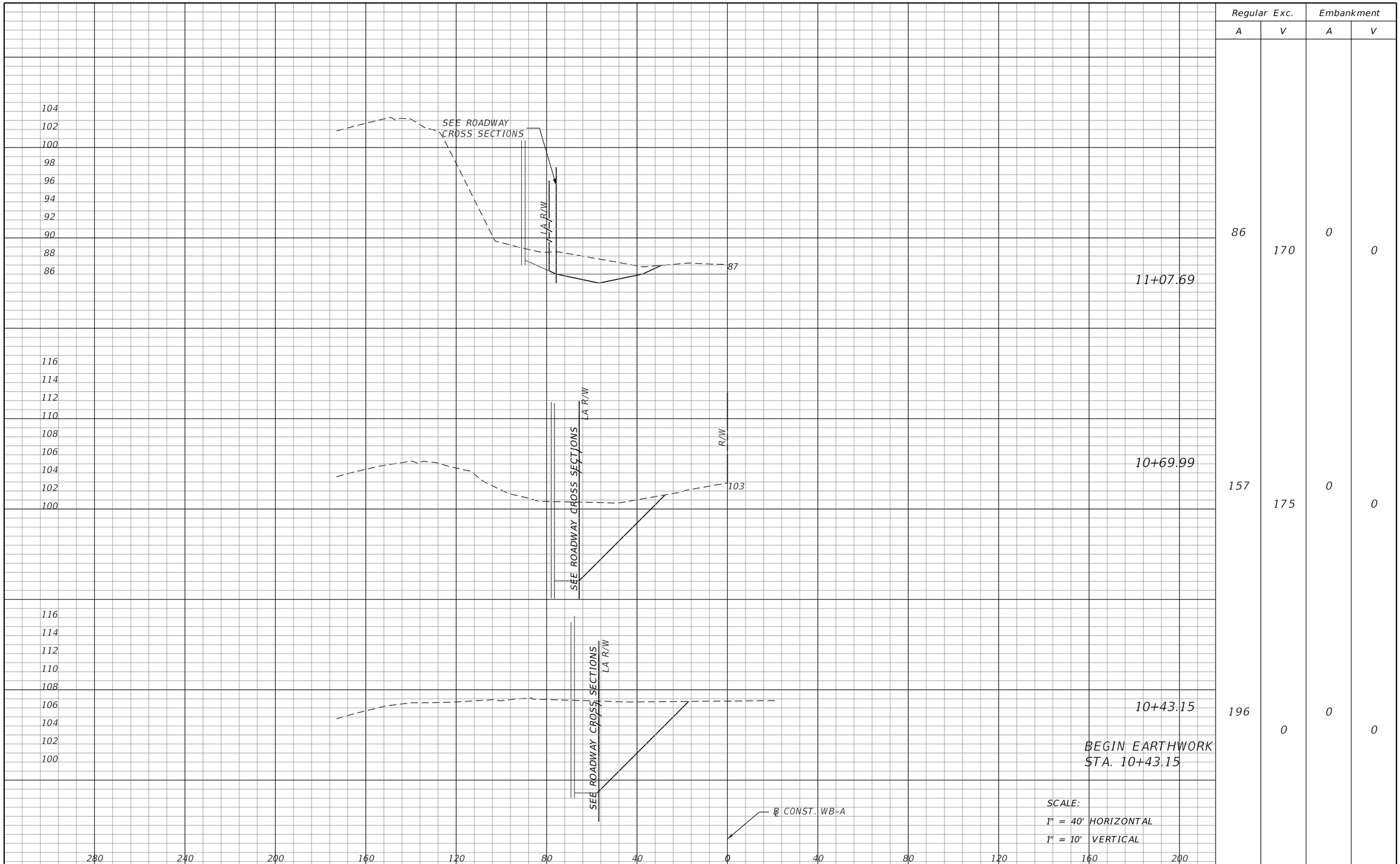
ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB441-2

SHEET NO. 484



Regular Exc.		Embankment	
A	V	A	V
86	170	0	0
157	175	0	0
196	0	0	0

SCALE:
1" = 40' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

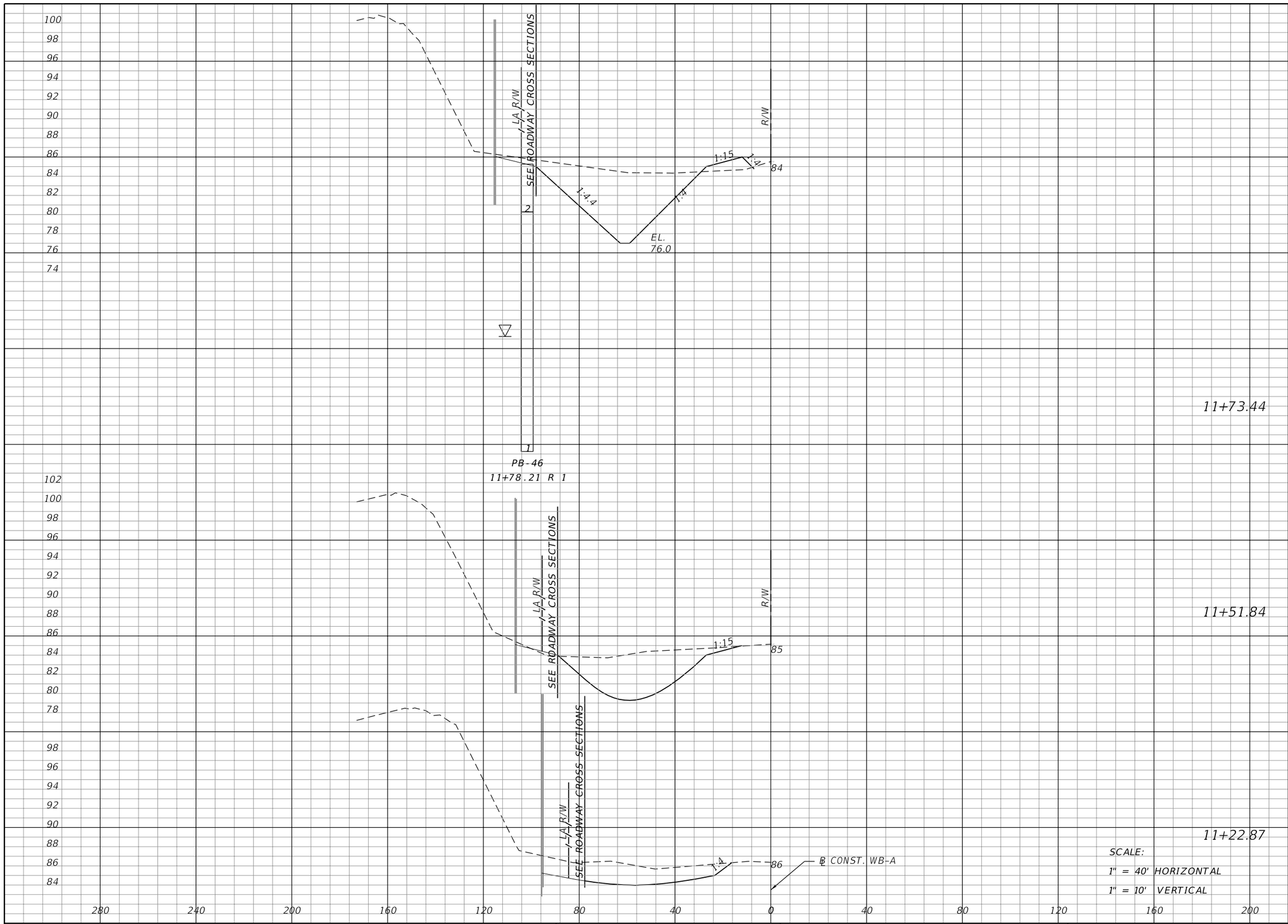
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS WB-A

SHEET NO. 485

jcapra 3/28/2016 10:22:16 AM P:\7844-Wekiva3B\23827525201\drainage\PDXSRD10.DGN



Regular Exc.		Embankment	
A	V	A	V
238	172	24	10
192	158	1	1
102	53	0	0

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

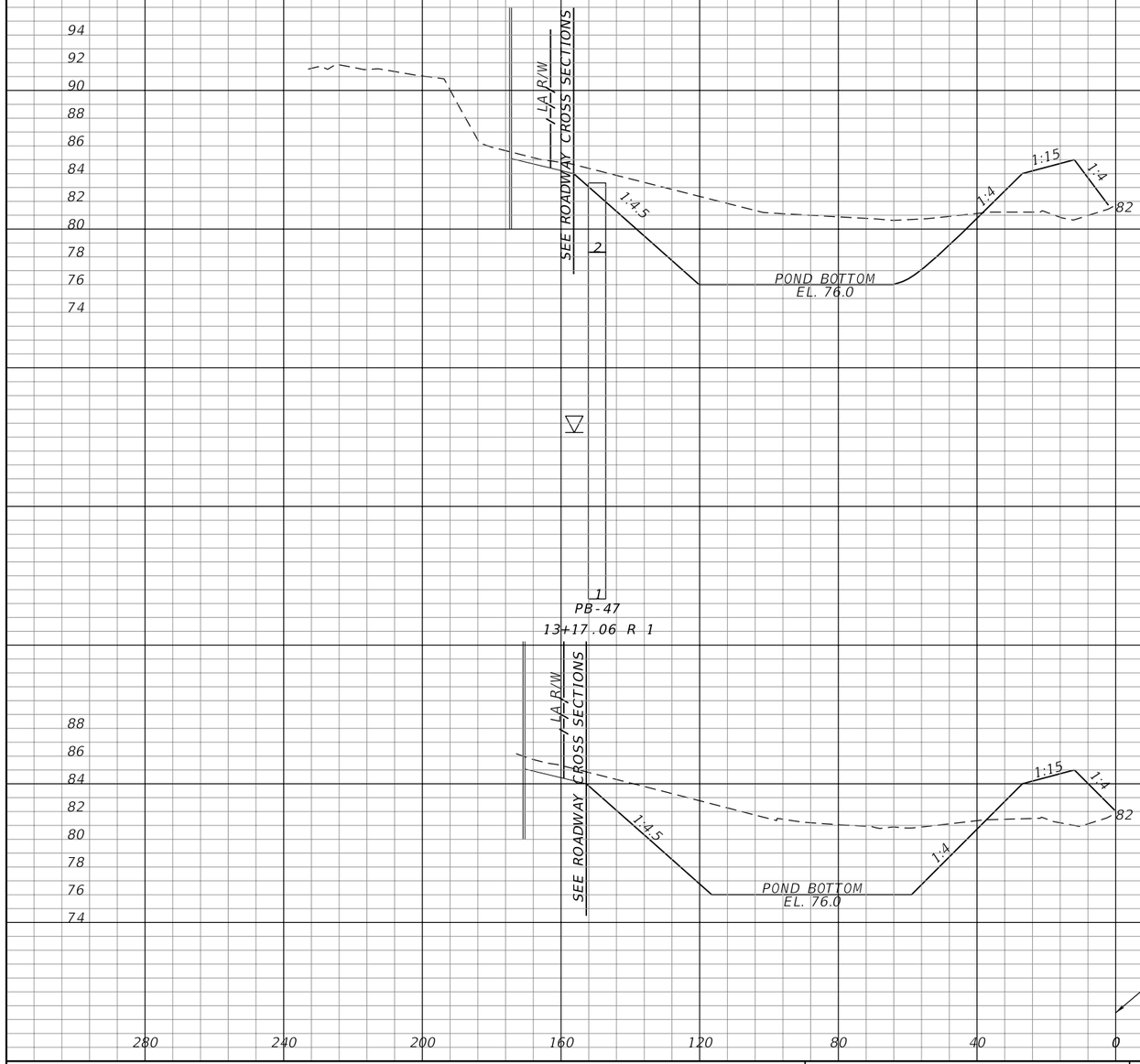
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB-A

SHEET NO. 486

jcapra 3/28/2016 10:22:18 AM P:\7844-Wekiva3B\23827525201\drainage\PDXSRD10.DGN



Regular Exc.		Embankment	
A	V	A	V
13+01.64			
486	136	89	24
12+94.12			
494	1636	85	244

SCALE:
1" = 40' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

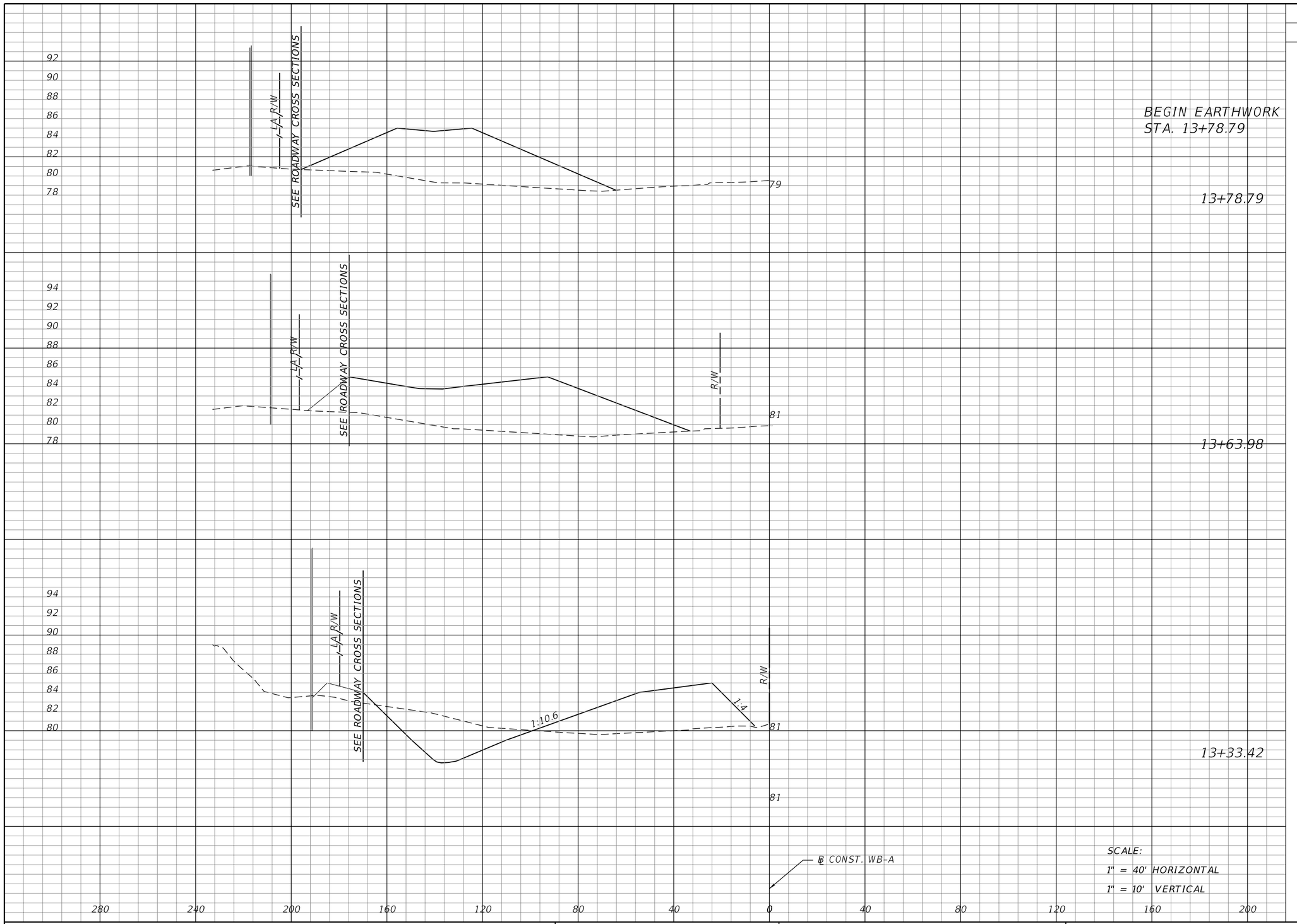
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB-A

SHEET NO. 487

jcapra 3/28/2016 10:22:19 AM P:\7844-Wekiva3B\23827525201\drainage\PDXSRD10.DGN



BEGIN EARTHWORK
STA. 13+78.79

13+78.79

13+63.98

13+33.42

SCALE:
1" = 40' HORIZONTAL
1" = 10' VERTICAL

Regular Exc.		Embankment	
A	V	A	V
0	0	444	273
0	96	553	472
169	385	281	218

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS WB-A

SHEET NO. 488

jcapra 3/28/2016 10:22:20 AM P:\7844-Wekiva3B\238275252O1\drainage\PDXSRD10.DGN

THE FOLLOWING NARRATIVE OF THE STORMWATER POLLUTION PREVENTION PLAN CONTAINS REFERENCES TO THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, THE DESIGN STANDARDS, AND OTHER SHEETS OF THESE CONSTRUCTION PLANS. THE FIRST SHEET OF THE CONSTRUCTION PLANS (CALLED THE KEY SHEET) CONTAINS AN INDEX TO THE OTHER SHEETS. THE COMPLETE STORMWATER POLLUTION PREVENTION PLAN INCLUDES SEVERAL ITEMS: THIS NARRATIVE DESCRIPTION, THE DOCUMENTS REFERENCED IN THIS NARRATIVE, THE CONTRACTORS APPROVED EROSION CONTROL PLAN REQUIRED BY SPECIFICATION SECTION 104, AND REPORTS OF INSPECTIONS MADE DURING CONSTRUCTION.

1.0 SITE DESCRIPTION:

1.A. NATURE OF CONSTRUCTION ACTIVITY:

PROJECT LIMITS: SR 46 FROM WEST OF GROVELAND ROAD TO EAST OF VISTA VIEW AND SR 500 FROM ORANGE/ LAKE COUNTY LINE TO NORTH OF NATOMA BLVD. IN LAKE COUNTY.

THE PROJECT INCLUDES THE WIDENING OF SR 46 FROM RURAL 2-LANES TO HIGH SPEED URBAN 6-LANE, THE WIDENING OF SR 500 FROM RURAL 4-LANE TO HIGH SPEED URBAN 6-LANE WITH A FLYOVER FROM SOUTHBOUND SR 500 TO EASTBOUND SR 46, THE CONSTRUCTION OF 10 STORMWATER PONDS AND 2 FLOODPLAIN COMPENSATION PONDS.

1.B. SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL PROVIDE A DETAILED SEQUENCE OF CONSTRUCTION FOR ALL CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL FOLLOW THE SEQUENCE OF MAJOR ACTIVITIES DESCRIBED BELOW, UNLESS THE CONTRACTOR PROPOSES A DIFFERENT SEQUENCE THAT IS EQUAL OR BETTER AT CONTROLLING EROSION AND TRAPPING SEDIMENT AND IS APPROVED BY THE ENGINEER.

FOR EACH CONSTRUCTION PHASE, INSTALL PERIMETER CONTROLS AFTER CLEARING AND GRUBBING NECESSARY FOR INSTALLATION OF CONTROLS BUT BEFORE BEGINNING OTHER WORK FOR THE CONSTRUCTION PHASE. REMOVE PERIMETER CONTROLS ONLY AFTER ALL UPSTREAM AREAS ARE STABILIZED.

1. CLEARING AND GRUBBING, EARTHWORK, AND CONSTRUCTION OF STORMWATER PONDS AND CONTROL STRUCTURES.
2. CLEARING AND GRUBBING, EARTHWORK AND CONSTRUCTION OF INTERCHANGE BRIDGE INCLUDING STORM DRAIN PIPE AND CONVEYANCE DITCH.
3. CLEARING AND GRUBBING, EARTHWORK AND CONSTRUCTION OF ROADWAY WIDENING AND ASSOCIATED STORM DRAIN PIPES AND CONVEYANCE DITCH.
4. ASSOCIATED MILLING AND RESURFACING.

1.C. AREA ESTIMATES:

TOTAL SITE AREA: 105.80 ACRES.
TOTAL AREA TO BE DISTURBED: 88.20 ACRES.

1.D. RUNOFF DATA:

RUNOFF COEFFICIENTS:
BEFORE: 0.72
DURING: VARIES FROM 0.72 TO 0.73
AFTER: 0.78

SOILS DATA: CANDLER SAND AND PLACID & MYAKKA SAND

OUTFALL INFORMATION: WOLF BRANCH SINK

POND	DRAINAGE AREA (AC)	POND CONTROL STRUCTURE LATITUDE	LONGITUDE	OUTFALL TO:
WB441-1-1	8.11	N 28° 47' 50"	W 81° 37' 32"	WB441-1-4
WB441-1-2	5.00	N 28° 47' 47"	W 81° 37' 31"	WB441-1-3
WB441-1-3	2.96	N 28° 47' 47"	W 81° 37' 28"	WB441-1-4
WB441-1-4	11.88	W 28° 47' 46"	W 81° 37' 23"	WB1-1
WB441-2	58.47	N 28° 48' 12"	W 81° 37' 27"	WOLF BRANCH SINK
WB1-1	8.83	N 28° 47' 49"	W 81° 37' 11"	WOLF BRANCH SINK
WB1-2	6.72	N 28° 47' 55"	W 81° 37' 7"	WOLF BRANCH SINK
WB2A	13.19	N 28° 48' 6"	W 81° 36' 42"	WOLF BRANCH SINK
WB2B	17.35	N 28° 48' 5"	W 81° 36' 30"	WOLF BRANCH SINK
WB-A	18.88	N 28° 48' 50"	W 81° 20' 70"	WOLF BRANCH SINK

1.E. SITE MAP

THE CONSTRUCTION PLANS ARE BEING USED AS THE SITE MAPS. THE LOCATION OF THE DRAINAGE DIVIDES AND FLOW DIRECTIONS ARE SHOWN ON THE DRAINAGE MAPS. THE SHEET NUMBERS FOR THE MAPS ARE IDENTIFIED ON THE KEY SHEET OF THESE CONSTRUCTION PLANS.

2.0 CONTROLS:

2.A. EROSION AND SEDIMENT CONTROLS:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED STABILIZATION AND STRUCTURAL PRACTICES BASED ON THE CONTRACTORS PROPOSED TEMPORARY TRAFFIC CONTROL (TTC) PLAN. THE FOLLOWING RECOMMENDED GUIDELINES ARE BASED ON THE TEMPORARY TRAFFIC CONTROL PLAN OUTLINED IN THE CONSTRUCTION PLANS. WHERE FOLLOWING THE TEMPORARY TRAFFIC CONTROL PLAN OUTLINED IN THESE CONSTRUCTION PLANS, THE CONTRACTOR MAY CHOOSE TO ACCEPT THE FOLLOWING GUIDELINES OR MODIFY THEM IN THE SEDIMENT AND EROSION CONTROL PLAN, SUBJECT TO APPROVAL BY THE ENGINEER. AS WORK PROGRESSES, THE CONTRACTOR SHALL MODIFY THE PLAN TO ADAPT TO SEASONAL VARIATION, CHANGES IN CONSTRUCTION ACTIVITIES, AND THE NEED FOR BETTER PRACTICES.

2.A.1 STABILIZATION PRACTICES:

IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE STABILIZATION PRACTICES PROPOSED TO CONTROL EROSION. THE CONTRACTOR SHALL INITIATE ALL STABILIZATION MEASURES ON DISTURBED AREAS AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE SHALL MORE THAN 7 DAYS PASS AFTER THE CONSTRUCTION ACTIVITY IN THE PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED. THE STABILIZATION PRACTICES SHALL INCLUDE AT LEAST THE FOLLOWING.

TEMPORARY:
* TURF AND SOD IN ACCORDANCE WITH SPECIFICATION SECTION 104.

PERMANENT:
* ASPHALT OR CONCRETE SURFACE.
* SOD IN ACCORDANCE WITH SPECIFICATION SECTION 570.

2.A.2 STRUCTURAL PRACTICES:

IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED STRUCTURAL PRACTICES TO CONTROL OR TRAP SEDIMENT AND OTHERWISE PREVENT THE DISCHARGE OF POLLUTANTS FROM EXPOSED AREAS OF THE SITE. SEDIMENT CONTROLS SHALL BE IN PLACE BEFORE DISTURBING SOIL UPSTREAM OF THE CONTROL. THE STRUCTURAL PRACTICES SHALL INCLUDE AT LEAST THE FOLLOWING:

TEMPORARY (IN ACCORDANCE WITH SPECIFICATION SECTION 104):
* SEDIMENT BARRIER.
* INLET PROTECTION.

PERMANENT:
* SOD.

2.B. STORMWATER MANAGEMENT:

STORMWATER RUNOFF GENERATED BY THE PROJECT WILL BE COLLECTED AND CONVEYED TO THE PONDS VIA ROADSIDE DITCHES TO EXISTING CULVERTS AND CROSS DRAINS UNTIL THE PROPOSED STORM SEWER SYSTEM IS CONSTRUCTED. THE PROPOSED RUNOFF WILL BE COLLECTED AND CONVEYED TO THE PONDS VIA PROPOSED STORM SEWER SYSTEM.

2.C. OTHER CONTROLS:

2.C.1 WASTE DISPOSAL:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED METHODS TO PREVENT THE DISCHARGE OF SOLID MATERIALS, INCLUDING BUILDING MATERIALS, TO WATERS OF THE UNITED STATES. THE PROPOSED METHODS SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER:

* PROVIDING LITTER CONTROL AND COLLECTION WITHIN THE PROJECT DURING CONSTRUCTION ACTIVITIES
* DISPOSING OF ALL FERTILIZER OR OTHER CHEMICAL CONTAINERS ACCORDING TO EPA'S STANDARD PRACTICES AS DETAILED BY THE MANUFACTURER.
* DISPOSING OF SOLID MATERIALS INCLUDING BUILDING AND CONSTRUCTION MATERIALS OFF THE PROJECT SITE BUT NOT IN SURFACE WATERS, OR WETLANDS

2.C.2 OFF-SITE VEHICLE TRACKING AND DUST CONTROL:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED METHODS FOR MINIMIZING OFFSITE VEHICLE TRACKING OF SEDIMENTS AND GENERATING DUST. THE PROPOSED METHODS SHALL INCLUDE ATLEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER.

* COVERING LOADED HAUL TRUCKS WITH TARPAULINS.
* REMOVING EXCESS DIRT FROM ROADS DAILY.
* STABILIZING CONSTRUCTION ENTRANCES ACCORDING TO DESIGN STANDARD 106.
* USING ROADWAY SWEEPERS DURING DUST GENERATING ACTIVITIES SUCH AS EXCAVATION AND MILLING OPERATIONS.
* SOIL TRACKING DEVICE

2.C.3 STATE AND LOCAL REGULATIONS FOR WASTE DISPOSAL, SANITARY SEWER, OR SEPTIC TANK REGULATIONS:

IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED PROCEDURES TO COMPLY WITH APPLICABLE STATE AND LOCAL REGULATIONS FOR WASTE DISPOSAL, AND SANITARY SEWER OR SEPTIC SYSTEMS.

2.C.4 FERTILIZERS AND PESTICIDES:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROCEDURES FOR APPLYING FERTILIZERS AND PESTICIDES. THE PROPOSED PROCEDURES SHALL COMPLY WITH APPLICABLE SUBSECTIONS OF SECTION 570 OF THE SPECIFICATIONS.

2.C.5 TOXIC SUBSTANCES:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL PROVIDE A LIST OF TOXIC SUBSTANCES THAT ARE LIKELY TO BE USED ON THE JOB AND PROVIDE A PLAN ADDRESSING THE GENERATION, APPLICATION, MIGRATION, STORAGE, AND DISPOSAL OF THESE SUBSTANCES.

2.D APPROVED STATE AND LOCAL PLANS AND PERMITS:
FDEP: ERP35-0328219-001-EI ISSUED 1/23/15

3.0 MAINTENANCE:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL PROVIDE A PLAN FOR MAINTAINING ALL EROSION AND SEDIMENT CONTROLS THROUGHOUT CONSTRUCTION. THE MAINTENANCE PLAN SHALL AT A MINIMUM, COMPLY WITH THE FOLLOWING:

* INLET PROTECTION: MAINTAIN PER SECTION 104.

4.0 INSPECTIONS:

QUALIFIED PERSONNEL SHALL INSPECT THE FOLLOWING ITEMS AT LEAST ONCE EVERY SEVEN CALENDER DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.50 INCHES OR GREATER. TO COMPLY, THE CONTRACTOR SHALL INSTALL AND MAINTAIN RAIN GAUGES AND RECORD THE DAILY RAINFALL. WHERE SITES HAVE BEEN PERMANENTLY STABILIZED, INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY MONTH. THE CONTRACTOR SHALL ALSO INSPECT THAT CONTROLS INSTALLED IN THE FIELD AGREE WITH THAT LATEST STORMWATER POLLUTION PREVENTION PLAN.

* POINTS OF DISCHARGE TO WATERS OF THE UNITED STATES.
* POINTS OF DISCHARGE TO MUNICIPAL SEPARATE STORM DRAIN SYSTEMS.
* DISTURBED AREAS OF THE SITE THAT HAVE NOT BEEN FINALLY STABILIZED.
* AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION.
* STRUCTURAL CONTROLS.
* LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE.

THE CONTRACTOR SHALL INITIATE REPAIRS IMMEDIATELY THAT ITEMS ARE NOT IN GOOD WORKING ORDER.

IF INSPECTIONS INDICATE THAT THE INSTALLED STABILIZATION AND STRUCTURAL PRACTICES ARE NOT SUFFICIENT TO MINIMIZE EROSION, RETAIN SEDIMENT, AND PREVENT DISCHARGING POLLUTANTS, THE CONTRACTOR SHALL PROVIDE ADDITIONAL MEASURES.

5.0 NON-STORMWATER DISCHARGES:

THE CONTRACTOR SHALL IDENTIFY ALL ANTICIPATED NON-STORMWATER DISCHARGES (EXCEPT FLOWS FROM FIRE FIGHTING ACTIVITIES). THE CONTRACTOR SHALL DESCRIBE THE PROPOSED MEASURES TO PREVENT POLLUTION OF THESE NON-STORMWATER DISCHARGES. IF THE CONTRACTOR ENCOUNTERS CONTAMINATED SOIL OR GROUNDWATER, CONTACT THE FDOT DISTRICT 5 HAZARDOUS MATERIAL COORDINATOR AT (386) 943-5000.

PLEASE BE AWARE THAT ANY DEWATERING ACTIVITIES WILL REQUIRE THE GENERAL CONSTRUCTION DEWATERING PERMIT. IF DEWATERING OCCURS OR IS REQUIRED, THE CONTRACTOR SHALL OBTAIN THE FDEP GENERIC PERMIT FOR THE DISCHARGE OF PRODUCED GROUNDWATER FROM ANY SITE ACTIVITY (DOCUMENT NO. 62-621.300(2)) AND ADHERE TO NECESSARY PERMITTING REQUIREMENTS.

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

STORMWATER POLLUTION PREVENTION PLAN

SHEET NO. 489

WETLAND FLAGS

Flag Number	Northing (Y COORD.)	Easting (X COORD.)
W6-1	1622958.89	457127.43
W6-2	1622994.20	457115.23
W6-3	1623057.12	457114.10
W6-4	1623081.14	457118.18
W6-5	1623111.96	457144.71
W6-6	1623161.04	457173.84
W6-7	1623207.56	457245.93
W6-8	1623215.25	457299.11
W6-9	1623285.04	457374.35
W6-10	1623323.83	457452.68
W6-11	1623369.82	457526.50
W6-12	1623421.79	457592.09
W6-13	1623438.83	457637.65
W6-14	1623492.53	457724.82
W6-15	1623507.65	457760.31
W6-16	1623464.40	457777.13
W6-17	1623430.69	457800.34
W6-18	1623395.06	457834.40
W6-19	1623380.33	457871.31
W6-20	1623413.38	457855.65
W6-21	1623439.87	457832.36
W6-22	1623479.04	457795.35
W6-23	1623508.41	457780.87
W6-24	1623546.94	457818.92
W6-25	1623556.21	457846.15
W6-26	1623510.43	457881.26
W6-27	1623475.62	457909.30
W6-28	1623454.20	457961.63
W6-29	1623457.32	457992.80
W6-30	1623415.41	458053.43
W6-31	1623370.93	458125.52
W6-32	1623345.60	458158.00
W6-33	1623292.43	458179.48
W6-34	1623216.75	458150.44
W6-35	1623133.50	458104.15
W6-36	1623057.50	458068.94
W6-37	1623056.96	458034.22
W6-38	1623013.74	457997.88
W6-39	1622979.11	457939.75
W6-40	1622964.49	457899.21
W10-1	1622624.05	458045.26
W10-2	1622690.25	458052.72
W10-3	1622747.50	458042.76
W10-4	1622736.63	458003.47
W10-5	1622715.45	457987.10
W6-41	1622955.00	457801.74
W6-42	1622954.63	457700.44
W6-43	1622960.46	457590.64
W6-44	1622959.97	457500.92
W6-45	1622956.95	457364.39
W6-46	1622955.51	457250.34
W7-1	1624159.95	460916.66
W7-2	1624195.42	460945.73
W7-3	1624228.94	460918.33
W7-4	1624234.82	460795.06
W7-5	1624235.01	460737.27
W7-6	1624218.37	460725.90
W7-7	1624185.83	460748.85
W7-8	1624159.44	460754.46

Flag Number	Northing (Y COORD.)	Easting (X COORD.)
W1-1	1624295.49	460636.52
W1-2	1624346.98	460553.39
W1-3	1624387.13	460557.84
W1-4	1624425.25	460556.35
W1-5	1624467.69	460573.30
W1-6	1624508.33	460572.33
W1-7	1624557.48	460595.39
W1-8	1624605.10	460590.58
W1-9	1624645.33	460579.70
W1-10	1624673.44	460591.05
W1-11	1624674.75	460635.92
W1-12	1624688.18	460666.02
W1-13	1624687.27	460715.08
W1-14	1624667.03	460755.67
W1-15	1624643.19	460791.66
W1-16	1624603.88	460818.98
W1-17	1624620.05	460848.87
W1-18	1624659.62	460870.78
W1-19	1624694.96	460897.89
W1-20	1624736.26	460927.35
W1-21	1624732.73	460973.26
W1-22	1624724.06	461011.85
W1-23	1624688.77	461050.07
W1-24	1624653.32	461087.65
W1-25	1624596.96	461127.34
W1-26	1624567.57	461170.61
W1-27	1624540.88	461124.01
W1-28	1624508.07	461088.71
W1-29	1624458.89	461036.35
W1-30	1624410.15	461029.19
W1-31	1624369.15	461008.39
W1-32	1624315.76	461001.87
W1-33	1624297.45	460998.25
W1-34	1624293.51	460941.93
W1-35	1624292.50	460868.87
W1-36	1624290.67	460777.92
W1-37	1624292.07	460685.51
W2-1	1624807.05	460665.37
W2-2	1624811.56	460614.95
W2-3	1624842.42	460576.97
W2-4	1624834.07	460468.39
W2-5	1624867.60	460412.76
W2-6	1624918.10	460388.13
W2-7	1624976.45	460387.33
W2-8	1624993.22	460425.40
W2-9	1624991.35	460474.26
W2-10	1624999.35	460494.32
W2-11	1625046.06	460519.02
W2-12	1625056.09	460560.63
W2-13	1625045.27	460595.29
W2-14	1625032.13	460615.79
W2-15	1624992.10	460632.99
W2-16	1625010.48	460673.71
W2-17	1625012.87	460734.80
W2-18	1624986.36	460761.09
W2-19	1624953.33	460787.15
W2-20	1624899.57	460807.09
W2-21	1624854.33	460798.92
W2-22	1624818.19	460763.68

Flag Number	Northing (Y COORD.)	Easting (X COORD.)
W2-23	1624795.40	460721.57
W3-1	1625133.10	460362.51
W3-2	1625136.85	460319.16
W3-3	1625170.23	460284.82
W3-4	1625221.89	460257.06
W3-5	1625266.20	460241.74
W3-6	1625315.81	460246.57
W3-7	1625355.63	460256.23
W3-8	1625398.20	460268.01
W3-9	1625412.94	460303.74
W3-10	1625417.51	460369.39
W3-11	1625403.15	460428.44
W3-12	1625361.56	460455.92
W3-13	1625291.80	460460.72
W3-14	1625222.67	460465.54
W3-15	1625181.91	460464.29
W3-16	1625143.15	460426.86
W4-1	1625475.61	459702.58
W4-2	1625440.20	459717.81
W4-3	1625333.81	459740.45
W4-4	1625283.72	459757.92
W4-5	1625242.17	459791.88
W4-6	1625196.01	459844.58
W4-7	1625166.93	459897.16
W4-8	1625061.18	459897.74
W4-9	1625012.26	459911.58
W4-10	1624940.24	459898.85
W4-11	1624882.77	459881.93
W4-12	1624832.63	459864.90
W4-13	1624789.00	459864.91
W4-14	1624780.21	459916.25
W4-15	1624764.55	459981.66
W4-16	1624769.30	460021.82
W4-17	1624758.13	460048.33
W4-18	1624722.88	460068.40
W4-19	1624674.02	460075.40
W4-20	1624616.42	460035.57
W4-21	1624545.44	459985.04
W4-22	1624483.39	459959.92
W4-23	1624431.54	459967.93
W4-24	1624360.98	460010.32
W4-25	1624324.86	460034.10
W8-1	1623704.32	460253.67
W8-2	1623735.89	460245.92
W8-3	1623748.56	460180.04
W8-4	1623769.15	460154.51
W8-5	1623820.73	460105.36
W8-6	1623849.07	460080.83
W8-7	1623862.84	460032.38
W8-8	1623881.15	459973.86
W8-9	1623908.52	459908.13
W8-10	1623966.21	459885.84
W8-11	1624050.69	459899.55
W8-12	1624118.54	459919.96
W8-13	1624166.83	459933.95
W8-14	1624201.79	459942.87
W8-15	1624221.24	459931.84
W8-16	1624239.73	459941.03
W8-17	1624238.42	459913.33

Flag Number	Northing (Y COORD.)	Easting (X COORD.)
W8-18	1624218.36	459918.96
W8-19	1624189.32	459921.43
W4-26	1624326.64	459895.62
W4-27	1624330.75	459815.12
W4-28	1624340.21	459760.89
W4-29	1624439.61	459775.22
W4-30	1624468.47	459822.79
W4-31	1624501.00	459848.45
W4-32	1624547.06	459866.42
W9-1	1624225.04	459650.89
W9-2	1624235.46	459632.75
W9-3	1624219.25	459604.11
W9-4	1624199.93	459592.07
W9-5	1624125.25	459621.25
W9-6	1624039.23	459613.35
W9-7	1624005.94	459604.21
W9-8	1624016.61	459546.50
W9-9	1624021.30	459471.70
W9-10	1623997.37	459424.03
W9-11	1623954.07	459369.69
W9-12	1623951.30	459315.74
W9-13	1623939.01	459249.06
W9-14	1623932.45	459197.66
W9-15	1623894.60	459145.87
W9-16	1623852.62	459096.95
W9-17	1623852.76	459040.24
W9-18	1623841.19	458997.69
W9-19	1623821.15	458956.62
W9-20	1623806.40	458805.13
W9-21	1623841.33	458728.83
W9-22	1623880.69	458695.83
W9-23	1623912.78	458667.74
W9-24	1623932.73	458645.19
W9-25	1623961.41	458628.08
W9-26	1623999.67	458614.91
W9-27	1623969.66	458542.09
W9-28	1623920.57	458437.29
W9-29	1623863.06	458361.36
W9-30	1623781.50	458349.98
W9-31	1623702.79	458356.08
W9-32	1623642.41	458358.02
W9-33	1623604.36	458373.00
W9-34	1623584.78	458395.11
W9-35	1623500.97	458410.12
W9-36	1623446.29	458399.76
W9-37	1623372.25	458428.44
W9-38	1623292.32	458444.87
W9-39	1623210.13	458445.30
W9-40	1623133.50	458427.92
W9-41	1623059.47	458396.98
W9-42	1623009.13	458364.20
W9-43	1622966.73	458357.98
W9-44	1622942.95	458325.09
W9-45	1622894.21	458311.11
W9-46	1622814.98	458272.20
W9-47	1622835.74	458197.89
W9-48	1622810.87	458152.19
W9-49	1622766.02	458121.04
W9-50	1622703.04	458111.16

Flag Number	Northing (Y COORD.)	Easting (X COORD.)
W9-51	1622637.02	458113.02
W5-3	1624579.54	458410.65
W5-4	1624504.83	458434.67
W5-5	1624447.44	458423.41
W5-6	1624394.91	458442.24
W5-7	1624321.57	458455.69
W5-8	1624306.88	458494.84
W5-9	1624298.65	458545.24
W5-10	1624253.64	458552.81
W5-11	1624198.14	458557.49
W5-1	1624651.35	458469.81
W5-2	1624622.41	458433.20
W5-12	1624143.81	458598.21
W5-13	1624105.63	458601.76
W5-14	1624063.78	458596.95
W5-15	1624044.95	458547.47
W5-16	1624024.34	458501.89
W5-17	1623993.74	458443.61
W5-18	1623965.76	458392.36
W5-19	1623961.68	458360.33
W5-20	1623994.99	458337.47
W5-21	1623996.99	458261.48
W5-22	1623988.03	458219.24
W5-23	1623979.53	458187.81
W5-24	1623960.45	458146.27
W5-25	1623917.05	458088.12
W5-26	1623892.11	458061.62
W5-27	1623828.67	457990.82
W5-28	1623803.45	457966.48
W5-29	1623765.85	457967.00
W5-30	1623734.80	457980.22
W5-31	1623688.56	457923.50
W5-32	1623650.97	457857.58
W5-33	1623646.35	457803.68
W5-34	1623602.09	457745.82
W5-35	1623562.74	457696.26
W5-36	1623507.54	457615.60
W5-37	1623454.42	457517.46
W5-38	1623418.30	457460.94
W5-39	1623381.39	457408.25
W5-40	1623358.00	457348.85
W5-41	1623328.90	457299.81
W5-42	1623290.23	457231.51
W5-43	1623353.39	457210.63
W5-44	1623450.23	457228.63
W5-45	1623490.79	457239.36
W5-46	1623561.56	457270.47
W5-47	1623612.94	457296.77
W11-1	1624895.35	460201.92
W11-2	1624897.15	460169.02
W11-3	1624923.79	460158.31
W11-4	1624948.77	460175.73
W11-5	1624945.25	460211.77
W11-6	1624922.32	460221.97

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

STORMWATER POLLUTION PREVENTION PLAN

SHEET NO. 490

TEMPORARY TRAFFIC CONTROL PLAN GENERAL NOTES

1. THE FOLLOWING REGULATORY SPEED LIMITS ARE TO BE USED THROUGHOUT THE DURATION OF CONSTRUCTION UNLESS OTHERWISE NOTED IN THE PLANS.

STREET	SPEED LIMIT (MPH)
SR 46	45
SR 500	50
LOCAL ROADS	25

2. NO LANE CLOSURES PERMITTED AT THE FOLLOWING TIMES:

SR 46:	
6:30 AM TO 10:00 PM	WITHIN 600 FEET OF AN INTERSECTION
NO RESTRICTION	OUTSIDE THE LIMITS OF AN INTERSECTION

SR 500:	
6:00 AM TO 8:30 PM	WITHIN 600 FEET OF AN INTERSECTION
NO RESTRICTION	OUTSIDE THE LIMITS OF AN INTERSECTION

ALL OTHER TIMES ARE CONSIDERED OFF PEAK HOURS. LANE CLOSURE RESTRICTIONS ARE LIMITED TO 1/2 MILE IN LENGTH WHEN WITHIN 600 FEET OF THE INTERSECTION AND ARE ONLY ALLOWED DURING ACTIVE WORK PERIODS. LANE CLOSURES ON SIDE STREETS SHALL CORRESPOND TO THE TIMES IDENTIFIED FOR THE STATE ROAD THEY CONNECT TO.

3. A PORTABLE CHANGEABLE MESSAGE SIGN (PCMS) SHALL BE PLACED AT THE BEGINNING AND END OF THE PROJECT ONE WEEK PRIOR TO IMPLEMENTING ANY LANE CLOSURES. THE PCMS SHALL BE PLACED IN A LOCATION APPROVED BY THE ENGINEER. THE DISPLAYS ARE AS FOLLOWS:

DISPLAY 1 – EXPECT LANE CLOSURES
DISPLAY 2 – MM/DD TO MM/DD

4. THE CONTRACTOR SHALL UTILIZE PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS) DURING ALL LANE CLOSURES. THE PCMS SHALL BE PLACED APPROXIMATELY 1/2 MILE IN ADVANCE OF THE FIRST WORK ZONE SIGN IN EACH DIRECTION ON SR 46 AND SR 500 IN A LOCATION APPROVED BY THE ENGINEER.

THE DISPLAYS ARE AS FOLLOWS:

SR 46:
DISPLAY 1 – ONE LANE ROAD
DISPLAY 2 – PREPARE TO STOP

SR 500:
DISPLAY 1 – LANE CLOSED AHEAD
DISPLAY 2 – MERGE LEFT OR MERGE RIGHT

5. THE CONTRACTOR MAY COMBINE WORK FROM INDIVIDUAL PHASES WITH THE ENGINEER'S APPROVAL.

6. THE CONTRACTOR SHALL COORDINATE THE TTC PLAN WITH THE PLAN FOR PROJECT 238275-3-52-01.

7. CONSTRUCTION ON NATOMA BOULEVARD AND SEBASTIAN STREET TO BE PHASED TO AVOID LANE CLOSURES AT BOTH ACCESS POINTS TO THE SUMMERBROOKE COMMUNITY SIMULTANEOUSLY.

8. MAINTAIN ACCESS FOR SIDE STREETS ON THE SOUTH SIDE OF SR 46 (EX. VISTA VIEW AND POND ROAD) DUE TO NO ALTERNATIVE ROUTES.

9. PROJECT INFORMATION SIGN TO BE PLACED ON WEST SIDE OF THE PROJECT, EAST SIDE TO BE COVERED BY FPID# 238275-3-52-01.

10. TEMPORARY SIGNALS SHALL BE PLACED PRIOR TO ALL PHASES OF TEMPORARY TRAFFIC AND REMOVED ONCE PERMANENT SIGNALS HAVE BEEN INSTALLED.

SR 500 IMPROVEMENTS
BY FDOT AND CONTRACTOR
COMPLETION: SEASON YEAR
QUESTIONS OR COMMENTS
(xxx) xxx-xxxx

SR 46
COMPLETION:
SEASON YEAR
FOR INFO:
1-(800) xxx-xxxx

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

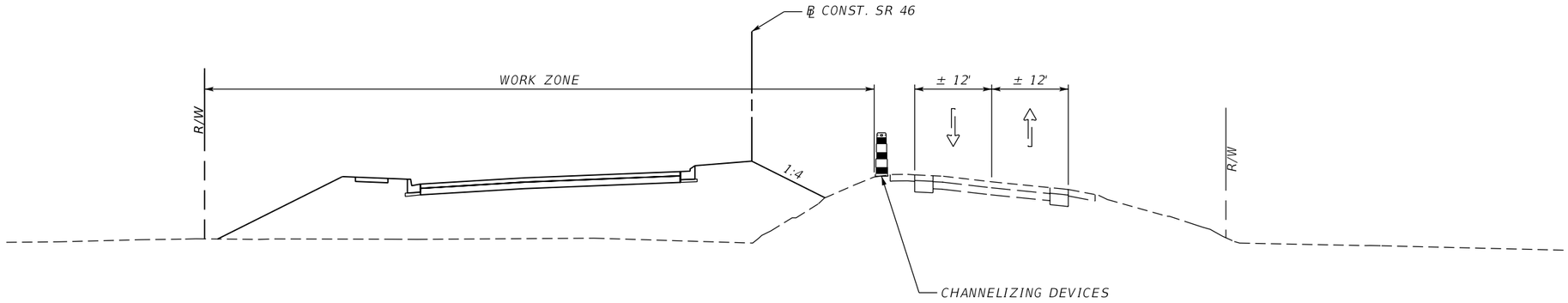
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TEMP. TRAFFIC CONTROL GENERAL NOTES

SHEET NO. 491

jcapra 3/28/2016 10:22:37 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\tcgnrd01.dgn



PHASE 1 – SR 46

SR 46 PHASE 1

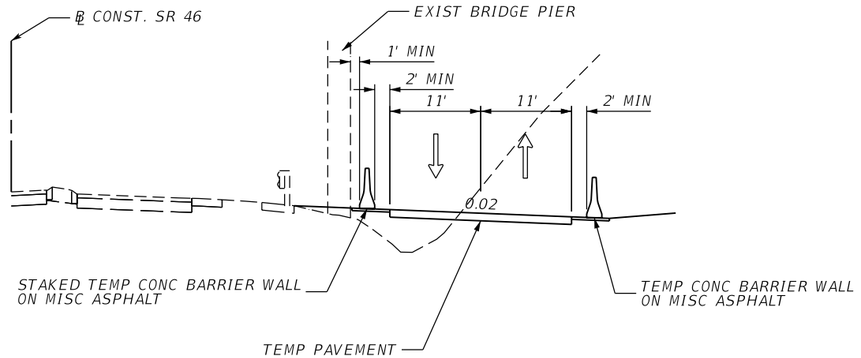
THE INTENT OF THIS PHASE IS TO BUILD THE NEW WESTBOUND ROADWAY WHILE MAINTAINING TRAFFIC ON THE EXISTING 2-LANE ROADWAY. ALL ACTIVITIES TO BE COORDINATED WITH SR 500 TTCP.

1. SET UP ADVANCED SIGNING AND PLACE TRAFFIC CONTROL DEVICES PER THE TTC PLAN SHEETS.
2. CONSTRUCT PORTIONS OF THE WESTBOUND LANES UP TO AND INCLUDING THE FINAL LIFT OF STRUCTURE COURSE. CONSTRUCT ALL OTHER PROPOSED FEATURES WITHIN THE WORK ZONE. CONSTRUCT OTHER PROPOSED FEATURES AS INDICATED IN THE TTC PLANS. LEAVE PORTIONS OF THE MEDIAN OPEN TO ALLOW ACCESS TO PROPERTIES ALONG THE NORTH SIDE OF THE ROADWAY.
3. PERFORM THE DEMOLITION OF THE EXISTING SR 500 BRIDGE STRUCTURES. DEMOLITION SHALL BE SEQUENCED TO ALLOW 2 LANES OF TRAFFIC ON SR 46 AT ALL TIMES. THIS DEMOLITION SHALL BE COORDINATED WITH THE SR 500 TTCP. REFER TO PHASE 1A FOR THE DEMOLITION OF THE CENTER SPANS.
4. BEGIN MAJOR EARTHWORK OPERATIONS WITHIN THE WORK ZONE AND BEGIN CONSTRUCTION OF THE RAMP XX BRIDGE FOUNDATIONS AND WALLS.
5. CONSTRUCT TEMPORARY ACCESS TO VERANDA APARTMENTS TO DETOUR VERANDA APARTMENT TRAFFIC.
6. CONSTRUCT ALL DRIVEWAYS AND SIDE STREETS ON THE NORTH SIDE OF THE ROADWAY.
7. CONSTRUCT TEMPORARY PIERS PER THE BRIDGE PLANS AND UTILIZE THE SR 46 DETOUR PLAN TO SET THE BRIDGE GIRDERS.
8. POUR THE BRIDGE DECK IN ACCORDANCE WITH THE STRUCTURES PLANS. ONCE CURED, THE TEMPORARY PIERS MAY BE REMOVED.

SR 46 PHASE 1A

THE INTENT OF THIS PHASE IS TO PERFORM THE DEMOLITION OF THE CENTER SPANS OF THE SR 500 BRIDGES. THIS WORK SHALL BE PERFORMED AT OFF PEAK HOURS.

1. CONSTRUCT THE TEMPORARY PAVEMENT, SIGNING, AND PAVEMENT MARKINGS PER THE TTC PLAN SHEETS.
2. DURING OFF PEAK HOURS, DIVERT TRAFFIC TO THE TEMPORARY DIVERSION. CONVERT THE TEMPORARY TRAFFIC SIGNAL TO A FLASHING INTERSECTION AND UTILIZE A TRAFFIC CONTROL OFFICER TO ASSIST WITH TRAFFIC IN THE INTERSECTION DURING THIS PROCESS.
3. WHEN THE DIVERSION IS NOT IN USE, PLACE CHANNELIZING DEVICES AT 15' SPACING ALONG THE MAINLINE TO PREVENT TRAFFIC FROM USING THE DIVERSION.

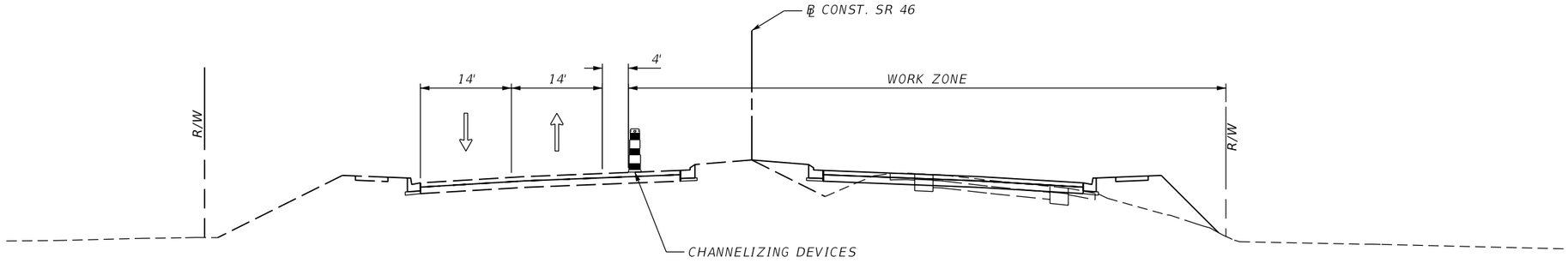


PHASE 1A – SR 46
ALONG TEMPORARY DIVERSION

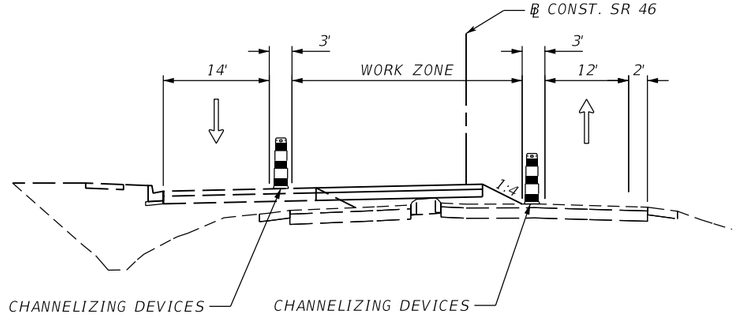
REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMP. TRAFFIC CONTROL TYPICAL SECTIONS - SR 46	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: JEFFREY A. MESSENGER, P.E. FL REGISTRATION NO. 57539	SR 46	LAKE	238275-2-52-01		492

jcapra 3/28/2016 10:22:38 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\tctyrd01.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



PHASE 2 – SR 46



PHASE 2A – SR 46
WITHIN INTERSECTION

SR 46 PHASE 2A

THE INTENT OF THIS PHASE IS TO ALLOW SUFFICIENT ASPHALT TO BE CONSTRUCTED WITHIN THE INTERSECTION TO ALLOW TRAFFIC TO FULLY BE SHIFTED TO THE PHASE 2 CONFIGURATION. THIS PHASE WILL BE COORDINATED WITH THE SR 500 TTCP. THIS PHASE SHALL NOT START UNTIL THE TEMPORARY TOWERS FOR THE RAMP XX BRIDGE HAVE BEEN REMOVED.

1. *SET UP ADVANCED SIGNING AND TRAFFIC CONTROL DEVICES PER THE TTC PLAN SHEETS.*
2. *DURING OFF PEAK HOURS, SHIFT TRAFFIC TO THE NEW LANE CONFIGURATION AND ADJUST THE TEMPORARY SIGNALS TO ALIGN WITH THE TRAVEL LANES.*
3. *CONSTRUCT PORTIONS OF THE ROADWAY UP TO AND INCLUDING THE FINAL LIFT OF STRUCTURAL ASPHALT WITHIN THE WORK ZONE TO ALLOW EASTBOUND TRAFFIC TO BE SHIFTED TO THE PHASE 2 CONFIGURATION.*

SR 46 PHASE 2

THE INTENT OF THIS PHASE IS TO CONTINUE TO CONSTRUCT RAMP XX AND BEGIN CONSTRUCTION ON THE NEW EASTBOUND TRAVEL LANES WHILE MAINTAINING TRAFFIC ON THE NEWLY CONSTRUCTED WESTBOUND TRAVEL LANES.

1. *SET UP ADVANCED SIGNING AND PLACE TRAFFIC CONTROL DEVICES PER THE TTC PLAN SHEETS.*
2. *DURING OFF PEAK HOURS, SHIFT TRAFFIC TO THE NEW LANE CONFIGURATION AND ADJUST THE TEMPORARY SIGNALS TO ALIGN WITH THE TRAVEL LANES.*
3. *CONSTRUCT PORTIONS OF THE EASTBOUND LANES UP TO AND INCLUDING THE FINAL LIFT OF STRUCTURAL ASPHALT AND CONSTRUCT ALL OTHER PROPOSED FEATURES WITHIN THE WORK ZONE. CONSTRUCT OTHER PROPOSED FEATURES AS INDICATED IN THE TTC PLANS. LEAVE PORTIONS OF THE MEDIAN OPEN TO ALLOW ACCESS TO PROPERTIES ON THE SOUTH SIDE OF THE ROADWAY.*
4. *CONSTRUCT ALL SIDE STREETS AND DRIVEWAYS ALONG THE SOUTH SIDE OF THE ROAD.*
5. *CONTINUE CONSTRUCTION OF THE RAMP XX BRIDGE AND WALLS AND ALL DRAINAGE FEATURES.*

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

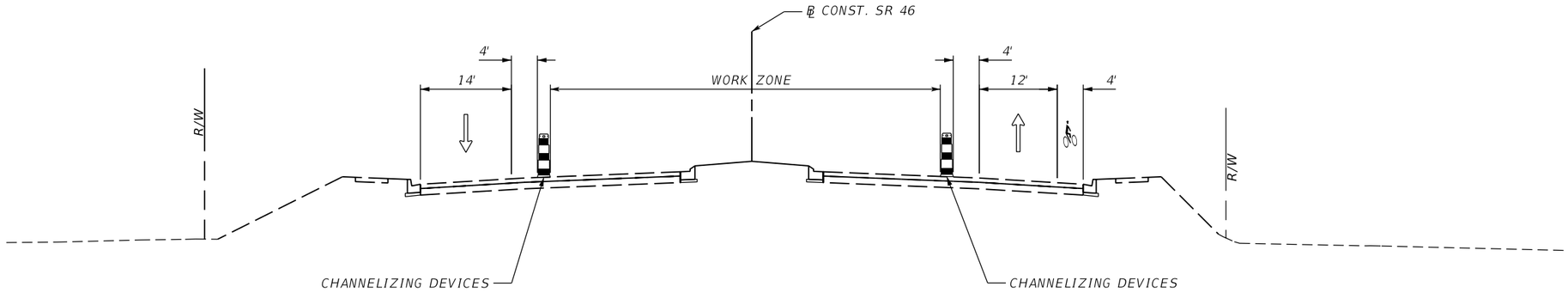
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TEMP. TRAFFIC CONTROL TYPICAL SECTIONS - SR 46

SHEET NO. 493

jcapra 3/28/2016 10:22:39 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\tctyrd01.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



PHASE 3 – SR 46

SR 46 PHASE 3

THE INTENT OF THIS PHASE IS TO COMPLETE THE PORTIONS OF THE MEDIAN NOT FINISHED IN PREVIOUS PHASES AND PLACE THE FINAL ASPHALT AND STRIPING.

1. CONSTRUCT ALL REMAINING MEDIAN FEATURES INCLUDING CURB AND GUTTER AND SOD.
2. INSTALL ALL LANDSCAPING ALONG THE CORRIDOR.
3. COMPLETE ALL UNFINISHED CONSTRUCTION ACTIVITIES.
4. AFTER ALL OTHER WORK IS COMPLETE, PLACE THE FRICTION COURSE THROUGHOUT THE PROJECT (INCLUDING SIDE STREETS) AND PLACE FINAL STRIPING.

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

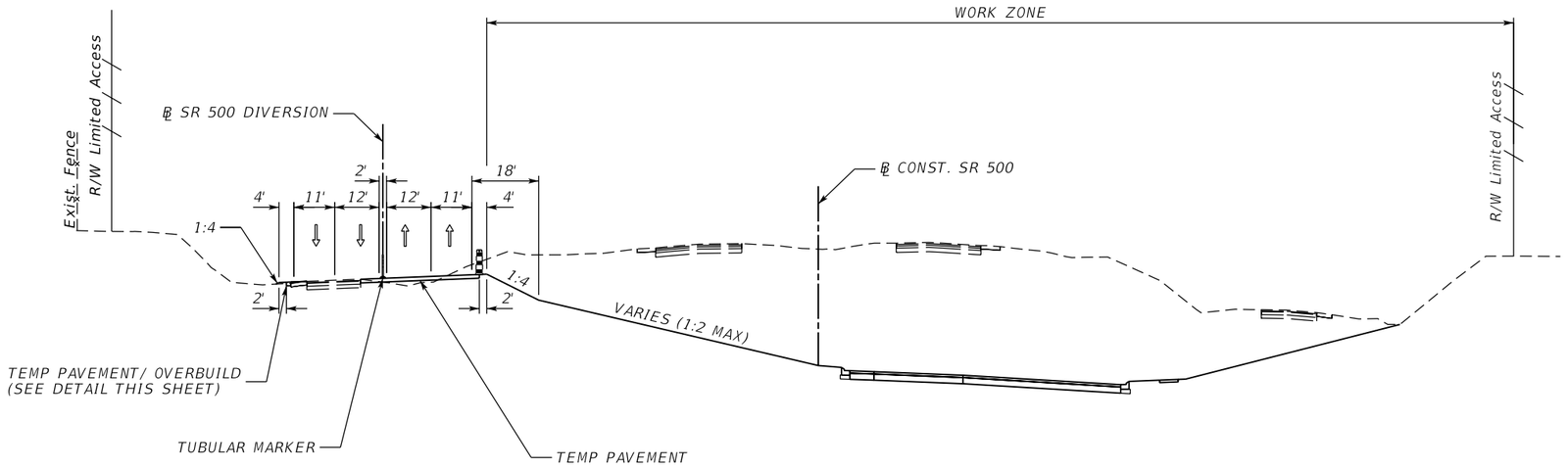
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

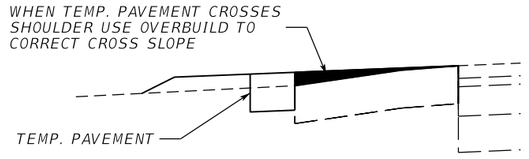
TEMP. TRAFFIC CONTROL TYPICAL SECTIONS - SR 46

SHEET NO. 494

jcapra 3/28/2016 10:22:40 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\tctyrd01.dgn



PHASE 1 – SR 500



TEMP. PAVEMENT/ OVERBUILD
℄ CONST. CONST. SR 500 DIVERSION
STA. 1433+77.78 TO STA. 1449+00.91
STA. 1449+49.48 TO STA. 1466+58.87

SR 500 PHASE 1A

THE INTENT OF THIS PHASE IS TO WIDEN THE SOUTHBOUND RAMPS AND CONSTRUCT THE TEMPORARY CROSSOVERS TO ACCOMMODATE THE PHASE 1 TTC PLAN. ALL CONSTRUCTION ACTIVITIES ARE TO BE COORDINATED WITH THE SR 46 TTC PLAN. PORTIONS OF THE DIVERSION REQUIRE GRADING SLOPES THAT IMPACT THE CURRENT SOUTHBOUND LANES. IT IS ANTICIPATED THE DIVERSION CONSTRUCTION AND TRAFFIC SHIFTS WILL NEED TO BE PERFORMED IN TWO SEPARATE OPERATIONS AS DETAILED BELOW.

1. *SET UP ADVANCED SIGNING AND PLACE TRAFFIC CONTROL DEVICES PER THE TTC PLAN SHEETS.*
2. *CONSTRUCT THE TEMPORARY SIGNALS AT THE INTERSECTION WITH SR 46.*
3. *UTILIZING LANE CLOSURES, WIDEN THE RAMPS AND CONSTRUCT PORTIONS OF THE TEMPORARY CROSSOVERS TO ACCOMMODATE TWO SOUTHBOUND LANES. SHIFT SOUTHBOUND LANES TO THE NEWLY CONSTRUCTED DIVERSION.*
4. *ONCE THE SOUTHBOUND TRAFFIC IS REMOVED FROM THE EXISTING OVERPASS, UTILIZE LANE CLOSURES TO CONSTRUCT ANY REMAINING TEMPORARY PAVEMENT AND PORTIONS OF THE CROSSOVERS PER THE PLANS. SHIFT NORTHBOUND TRAFFIC TO THE NEWLY CONSTRUCTED DIVERSION.*

SR 500 PHASE 1

THE INTENT OF THIS PHASE IS TO SHIFT SR 500 TRAFFIC TO THE TEMPORARY DIVERSION TO ALLOW DEMOLITION OF THE EXISTING BRIDGES AND BEGIN CONSTRUCTION OF THE NEW INTERSECTION AND RAMP XX. WORK WILL ALSO BEGIN IN THE NORTHBOUND DIRECTION FOR THE MILLING AND RESURFACING FOR THE PROJECT.

1. *SET UP ADVANCED SIGNING AND PLACE TRAFFIC CONTROL DEVICES PER THE TTC PLAN SHEETS.*
2. *DURING OFF PEAK HOURS, SHIFT TRAFFIC TO THE NEW LANE CONFIGURATION AND ACTIVATE THE TEMPORARY SIGNALS.*
3. *BEGIN DEMOLITION OF THE EXISTING SR 500 BRIDGES. THIS DEMOLITION SHALL BE COORDINATED WITH THE SR 46 TTC PLAN.*
4. *BEGIN MAJOR EARTHWORK OPERATIONS WITHIN THE WORK ZONE AND BEGIN CONSTRUCTION OF THE NEW ROADWAY AND RAMP XX.*
5. *PERFORM MILLING AND RESURFACING AND WIDENING OF THE NORTHBOUND LANES UTILIZING NIGHTTIME LANE CLOSURES.*
6. *CONSTRUCT ALL NEW PAVEMENT UP TO AND INCLUDING THE FINAL LIFT OF STRUCTURAL ASPHALT.*
7. *PERFORM CONSTRUCTION ACTIVITIES ON NATOMA BOULEVARD.*

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

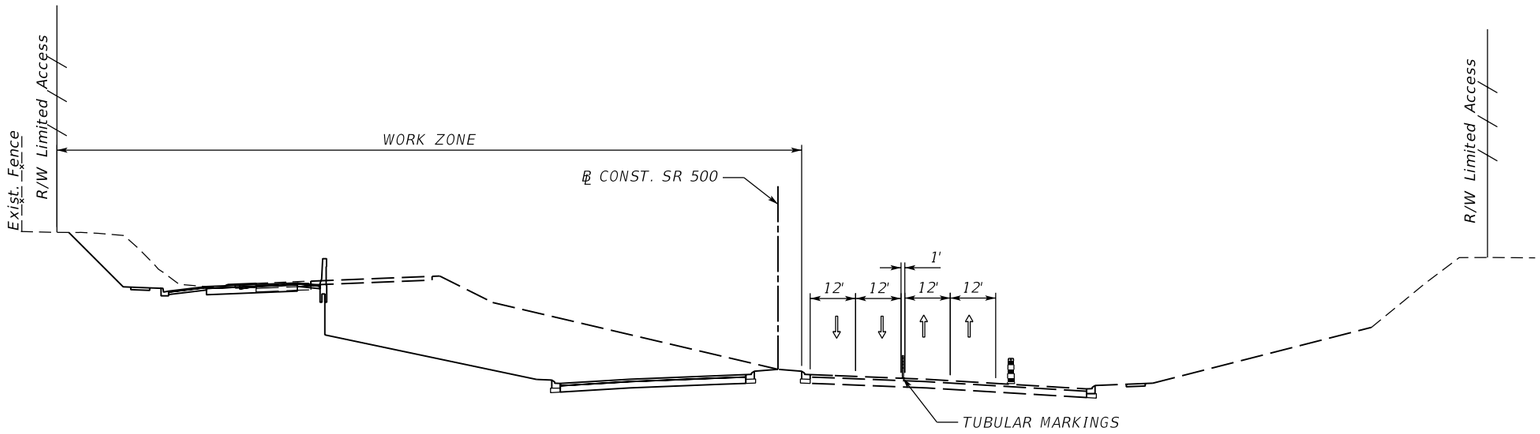
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TEMP. TRAFFIC CONTROL TYPICAL SECTIONS-SR 500

SHEET NO. 495

jcapra 3/28/2016 10:22:42 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\tctyrd02.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



PHASE 2 – SR 500

SR 500 PHASE 2A

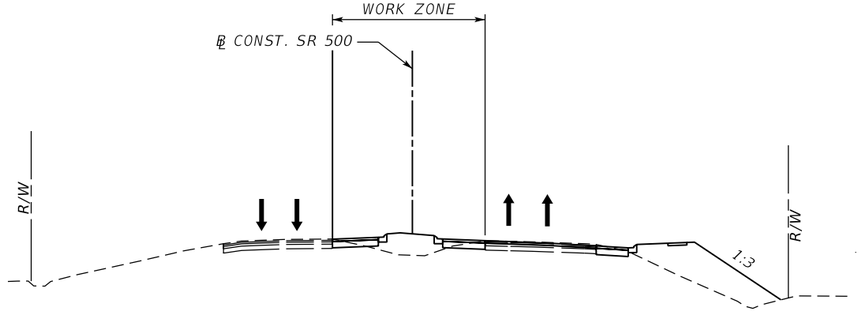
THE INTENT OF THIS PHASE IS TO ALLOW SUFFICIENT ASPHALT TO BE CONSTRUCTED TO FULLY BE SHIFTED TO THE PHASE 2 CONFIGURATION. THIS PHASE WILL BE COORDINATED WITH PHASE 1 TCP FOR SR 500.

1. *SET UP ADVANCED SIGNING AND TRAFFIC CONTROL DEVICES PER THE TTC PLAN SHEETS.*
2. *DURING OFF PEAK HOURS, SHIFT TRAFFIC TO THE NEW LANE CONFIGURATION.*
3. *CONSTRUCT PORTIONS OF THE ROADWAY UP TO AND INCLUDING THE FINAL LIFT OF STRUCTURAL ASPHALT WITHIN THE WORK ZONE TO ALLOW EASTBOUND TRAFFIC TO BE SHIFTED TO THE PHASE 2 CONFIGURATION.*

SR 500 PHASE 2

THE INTENT OF THIS PHASE IS TO SHIFT SR 500 TRAFFIC TO THE NEWLY CONSTRUCTED NORTHBOUND LANES. CONSTRUCTION WILL CONTINUE ON PORTIONS OF THE SOUTHBOUND LANES, IN THE NEW INTERSECTION, AND RAMP XX. WORK WILL ALSO BEGIN IN THE SOUTHBOUND DIRECTION FOR THE MILLING AND RESURFACING FOR THE SOUTHERN PORTION OF THE PROJECT.

1. *SET UP ADVANCED SIGNING AND PLACE TRAFFIC CONTROL DEVICES PER THE TTC PLAN SHEETS.*
2. *CONSTRUCT TEMPORARY SIGNALS TO ALIGN WITH THE NEW INTERSECTION AND SR 46.*
3. *AFTER COMPLETION OF SR 46 PHASE 2A TTC AND DURING OFF PEAK HOURS, SHIFT TRAFFIC TO THE NEW LANE CONFIGURATION.*
4. *CONSTRUCT PROPOSED FEATURES WITHIN THE WORK ZONE AND AS INDICATED IN THE TTC PLAN SHEETS. PERFORM MILLING AND RESURFACING OF THE SOUTHBOUND LANES. CONSTRUCT THE ROADWAY UP TO AND INCLUDING THE FINAL LIFT OF STRUCTURAL ASPHALT.*



PHASE 2A – SR 500

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

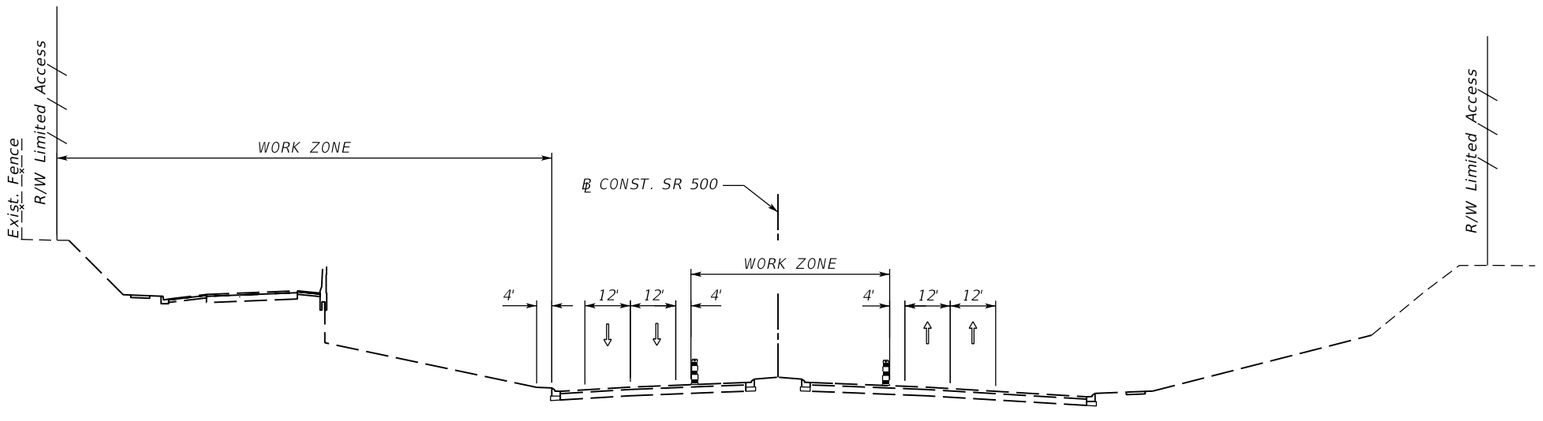
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TEMP. TRAFFIC CONTROL TYPICAL SECTIONS-SR 500

SHEET NO. 496



PHASE 3 – SR 500

SR 500 PHASE 3

THE INTENT OF THIS PHASE IS TO COMPLETE THE PORTIONS OF THE MEDIAN NOT FINISHED IN PREVIOUS PHASES, CONSTRUCT THE ISLAND IN THE NE QUADRANT OF THE INTERSECTION, AND PLACE THE FINAL ASPHALT AND STRIPING.

1. *CONSTRUCT ALL REMAINING MEDIAN FEATURES INCLUDING CURB AND GUTTER AND SOD.*
2. *INSTALL ALL LANDSCAPING ALONG THE CORRIDOR.*
3. *COMPLETE ALL UNFINISHED CONSTRUCTION ACTIVITIES.*
4. *AFTER ALL OTHER WORK IS COMPLETE, PLACE THE FRICTION COURSE THROUGHOUT THE PROJECT (INCLUDING SIDE STREETS) AND PLACE FINAL STRIPING.*

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TEMP. TRAFFIC CONTROL TYPICAL SECTIONS-SR 500

SHEET NO. 497

jcapra 3/28/2016 10:22:44 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\tctyrd02.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

CURVE DATA T1
PI STA. = 1432+43.95
Δ = 11° 49' 29" (LT)
D = 4° 07' 19"
T = 143.95
L = 286.87
R = 1,390.00
PC STA. = 1431+00.00
PT STA. = 1433+86.87
e = NC

CURVE DATA T2
PI STA. = 1435+33.97
Δ = 11° 52' 28" (RT)
D = 4° 03' 07"
T = 147.05
L = 293.05
R = 1,414.00
PC STA. = 1433+86.92
PT STA. = 1436+79.97
e = NC

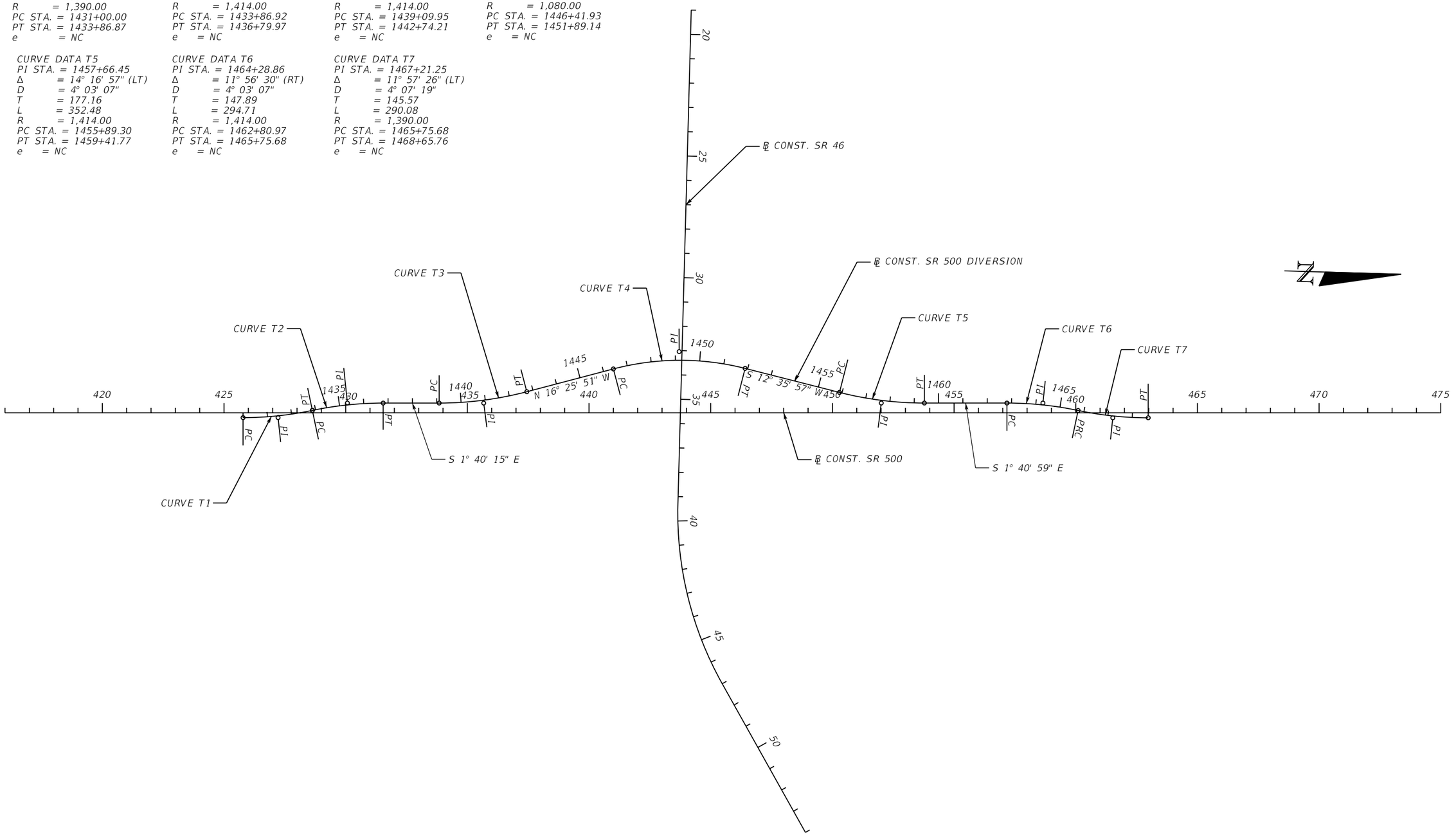
CURVE DATA T3
PI STA. = 1440+93.09
Δ = 14° 45' 36" (LT)
D = 4° 03' 07"
T = 183.14
L = 364.26
R = 1,414.00
PC STA. = 1439+09.95
PT STA. = 1442+74.21
e = NC

CURVE DATA T4
PI STA. = 1449+21.54
Δ = 29° 01' 48" (RT)
D = 5° 18' 19"
T = 279.61
L = 547.20
R = 1,080.00
PC STA. = 1446+41.93
PT STA. = 1451+89.14
e = NC

CURVE DATA T5
PI STA. = 1457+66.45
Δ = 14° 16' 57" (LT)
D = 4° 03' 07"
T = 177.16
L = 352.48
R = 1,414.00
PC STA. = 1455+89.30
PT STA. = 1459+41.77
e = NC

CURVE DATA T6
PI STA. = 1464+28.86
Δ = 11° 56' 30" (RT)
D = 4° 03' 07"
T = 147.89
L = 294.71
R = 1,414.00
PC STA. = 1462+80.97
PT STA. = 1465+75.68
e = NC

CURVE DATA T7
PI STA. = 1467+21.25
Δ = 11° 57' 26" (LT)
D = 4° 07' 19"
T = 145.57
L = 290.08
R = 1,390.00
PC STA. = 1465+75.68
PT STA. = 1468+65.76
e = NC



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

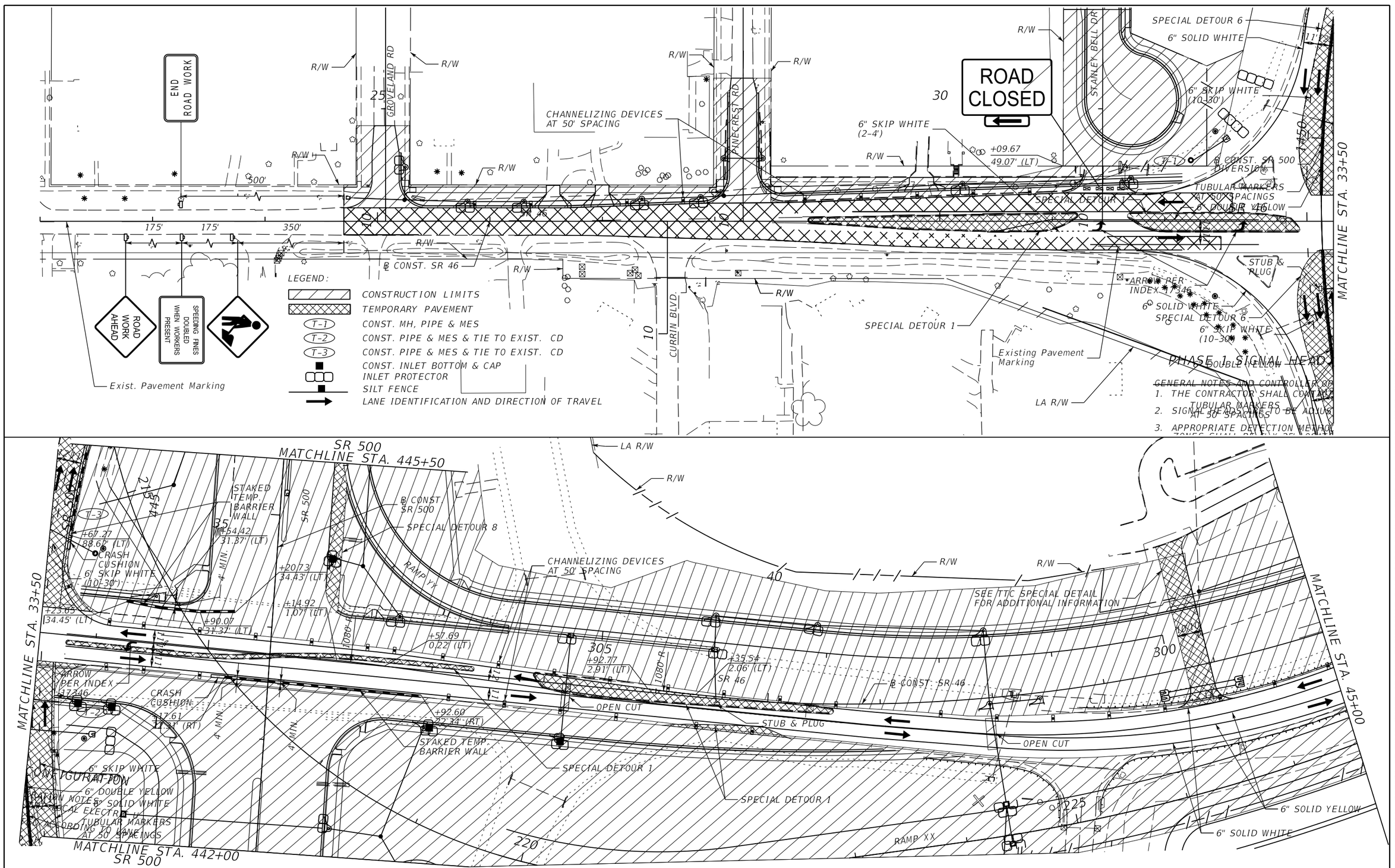
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

LAYOUT SHEET
SR 500 DIVERSION

SHEET NO. 498

jcapra 3/28/2016 10:22:45 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\tcdtrd03.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



GENERAL NOTES AND CONTROLLER OPERATION NOTES:

1. THE CONTRACTOR SHALL CONTINUE TUBULAR MARKERS AT 50' SPACINGS
2. SIGNAL HEADS TO BE ADJUSTED AS NECESSARY
3. APPROPRIATE DETECTION METHOD ZONES SHALL BE FULLY OPERATIONAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

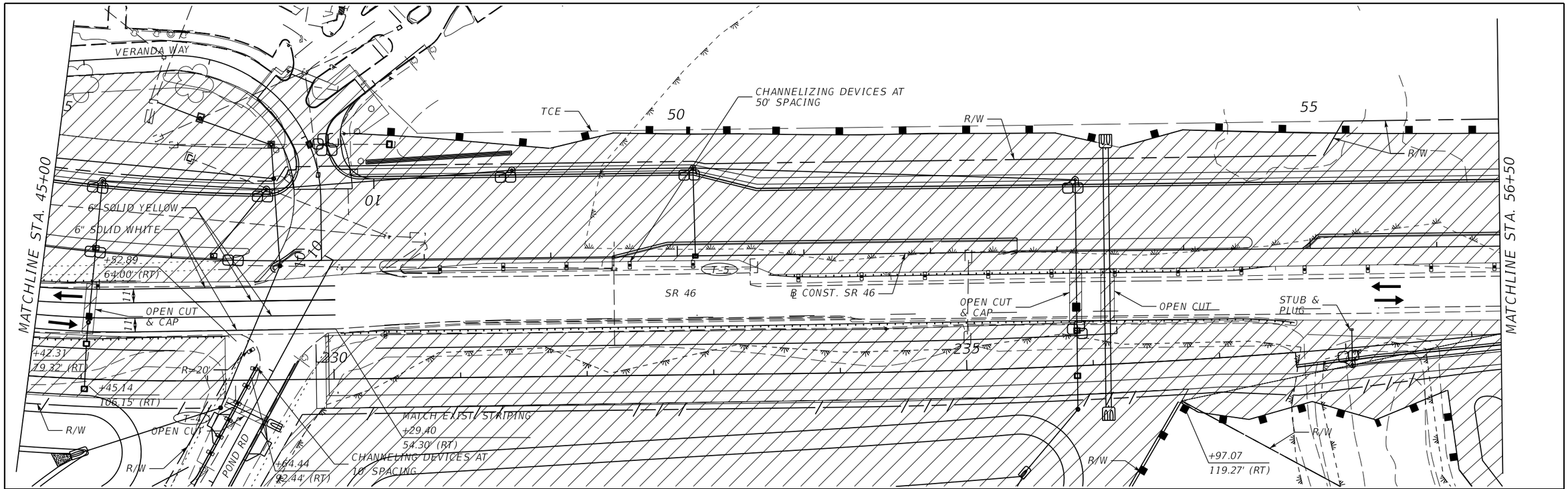
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TEMP. TRAFFIC CONTROL PHASE 1 PLANS - SR 46

SHEET NO. 499

jcapra 3/28/2016 10:22:50 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\tcplrd01.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

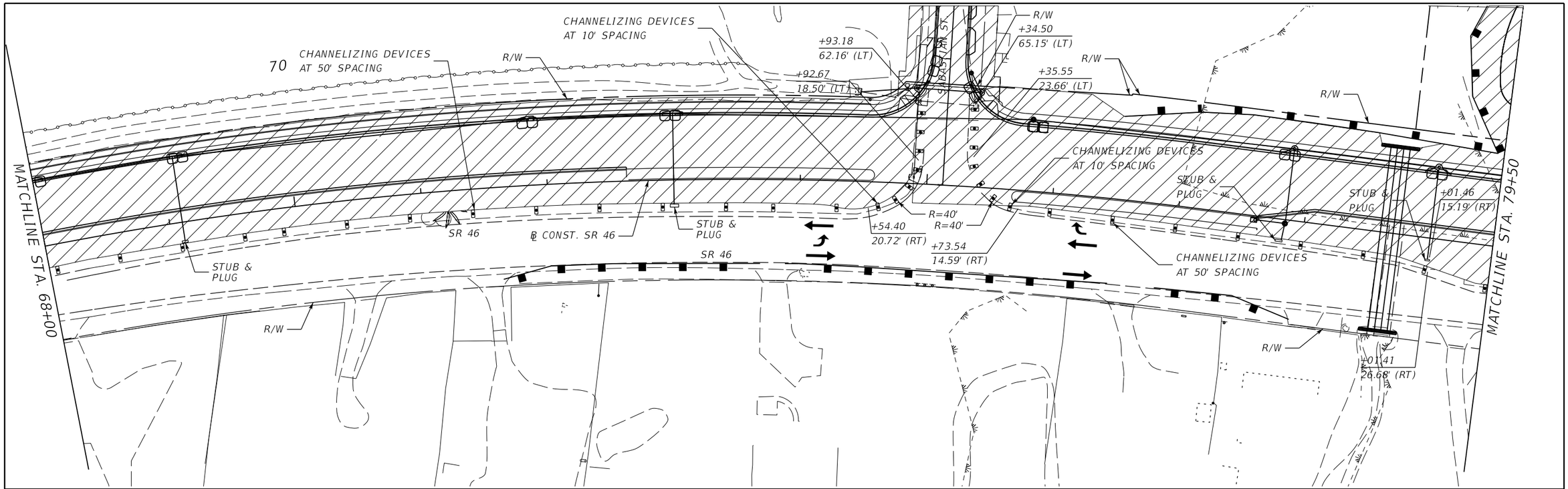
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TEMP. TRAFFIC CONTROL PHASE 1 PLANS - SR 46

SHEET NO. 500

jcapra 3/28/2016 10:22:53 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\tcplrd02.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

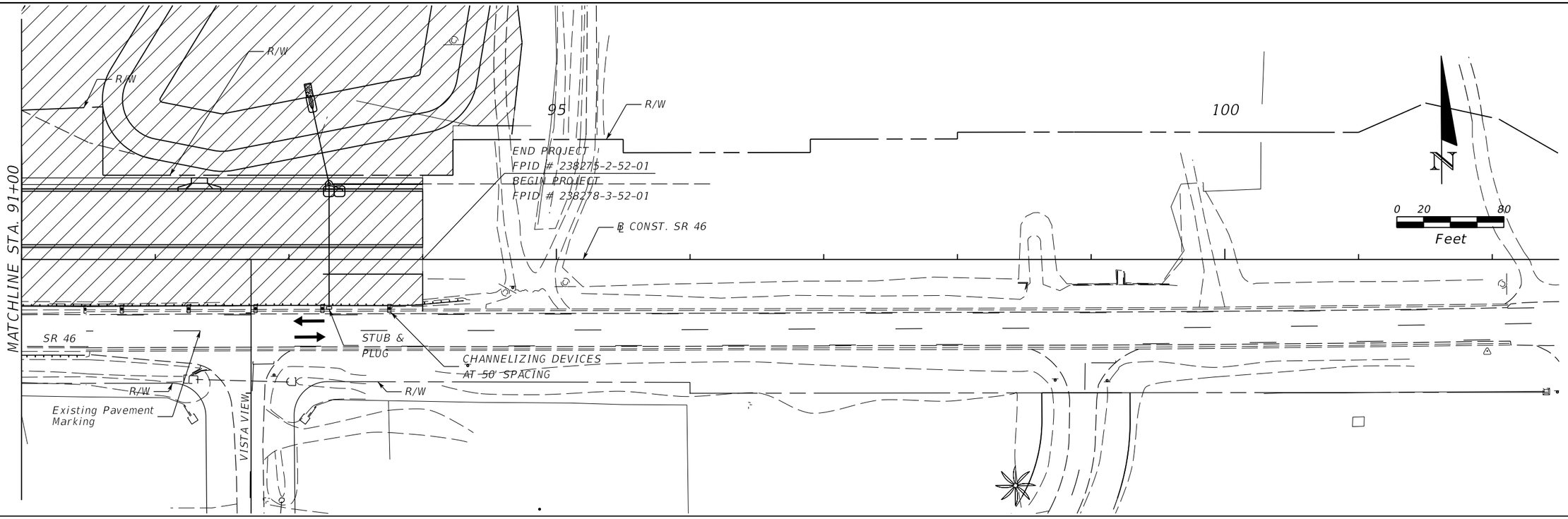
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TEMP. TRAFFIC CONTROL PHASE 1 PLANS - SR 46

SHEET NO. 501

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

jcapra 3/28/2016 10:22:55 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\tcplrd03.dgn



LEGEND:

- CONSTRUCTION LIMITS
- CONSTRUCTION LIMITS
- CONST. INLET BOTTOM & CAP
- INLET PROTECTION
- SILT FENCE
- FLOATING TUBIDITY
- LANE IDENTIFICATION AND DIRECTION OF TRAVEL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TEMP. TRAFFIC CONTROL PHASE 1 PLANS - SR 46

SHEET NO. 502

jcapra 3/28/2016 10:22:57 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\tcplrd04.dgn

END ROAD WORK
R/W LINE
GROVELAND RD
25
PINECREST RD
30
STANLEY BELL DR
LA RW LINE
+21.58
16.55' (LT)
SR 46
MATCHLINE STA. 33+50
175'
175'
350'
℄ CONST. SR 46
CURRY BLVD
+77.90
4.94' (LF)
+04.80
16.44' (RT)
6" DOUBLE YELLOW
6" SOLID WHITE
SPECIAL DETOUR 2
ROAD WORK AHEAD
SPEEDING FINES DOUBLED WHEN WORKERS PRESENT
Exist. Pavement Marking
500'
350'
10
12
11

SR 500
MATCHLINE STA. 445+50
MATCHLINE STA. 442+00
SR 500
LA R/W LINE
℄ CONST. SR 500
R/W LINE
35
40
RAMP YY
RAMP XX
STAKED BARRIER WALL
CRASH CUSHION
+91.86
46.45' (RT)
+09.64
48.34' (RT)
+03.98
48.45' (RT)
+22.32
46.40' (RT)
CRASH CUSHION
6" DOUBLE YELLOW
+69.59
61.05' (RT)
+08.02
40.91' (RT)
R = 1080'
+69.15
18.70' (RT)
STUB & PLUG
6" SOLID YELLOW
CHANNELIZING DEVICES AT 30' SPACING
+79.21
37.56' (RT)
+13.39
40.53' (RT)
SR 46
+12.13
51.45' (RT)
+18.55
48.34' (RT)
CRASH CUSHION
+70.32
88.62' (RT)
+97.40
61.19' (RT)
+72.44
79.93' (RT)
STAKED BARRIER WALL
+22.03
73.81' (RT)
SPECIAL DETOUR 2
6" SOLID WHITE
+48.77
27.40' (RT)
SEE PHASE 1
MATCHLINE STA. 45+00
4" MIN
1080' R
1103' R
2160'
2110'
300
305
220
225
350'
4
1
2
3

LEGEND:
- CONSTRUCTION LIMITS
- TEMPORARY PAVEMENT
- CONST. INLET BOTTOM & CAP
- INLET PROTECTOR
- SILT FENCE
- FLOATING TURBIDITY
- LANE IDENTIFICATION AND DIRECTION OF TRAVEL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TEMP. TRAFFIC CONTROL PHASE 1A PLANS - SR 46

SHEET NO. 503

END ROAD WORK

ROAD WORK AHEAD

SPEEDING FINES DOUBLED WHEN WORKERS PRESENT

Exist. Pavement Marking

R/W

500'

175' 175' 350'

GROVELAND RD

PINECREST RD

STANLEY BELL DR

SR 46

℄ CONST. SR 46

CURRIN BLVD

LA R/W

CHANNELIZING DEVICES AT 50' SPACING

6" SOLID YELLOW

MATCHLINE STA. 33+50

SR 500

MATCHLINE STA. 445+50

℄ CONST. SR 500

MATCHLINE STA. 442+00 SR 500

RAMP YY

RAMP XX

SR 500

+33.69 26.00' (LT)

+81.04 21.00' (RT)

+99.37 0.62' (RT)

+75.18 6.32' (LT)

+32.19 31.96' (LT)

1444' R

1092' R

1080' R

TYPE II BARRICADE

6" SOLID WHITE

SPECIAL DETOUR 3

SEE PHASE 2 MATCHLINE STA. 45+00

SR 46

LEGEND:

- CONSTRUCTION LIMITS
- TEMPORARY PAVEMENT
- CONST. INLET BOTTOM & CAP
- INLET PROTECTOR
- SILT FENCE
- FLOATING TURBIDITY
- LANE IDENTIFICATION AND DIRECTION OF TRAVEL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

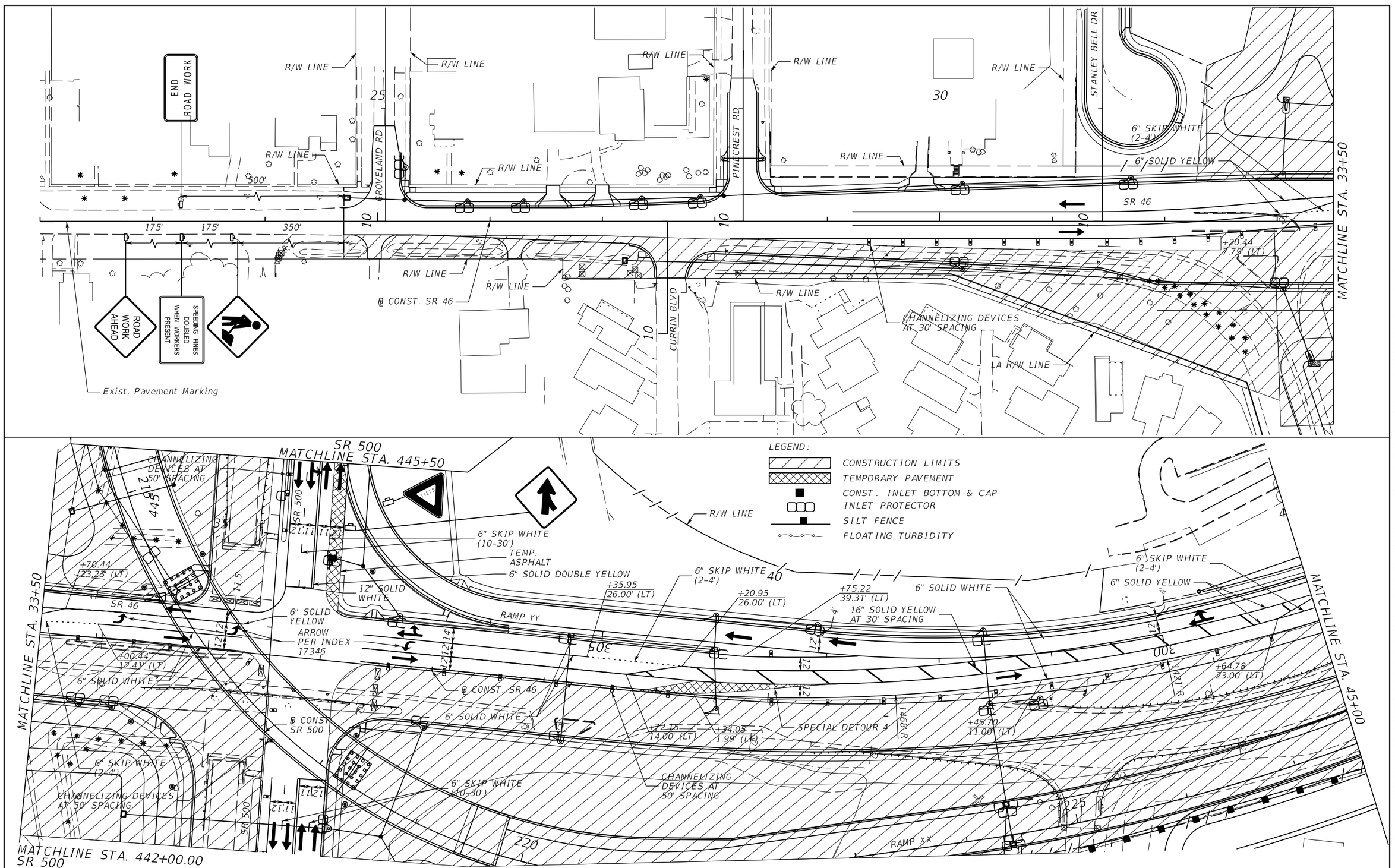
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TEMP. TRAFFIC CONTROL PHASE 2A PLANS - SR 46

SHEET NO. 504

jcapra 3/28/2016 10:23:02 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\tcplrd221.dgn



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

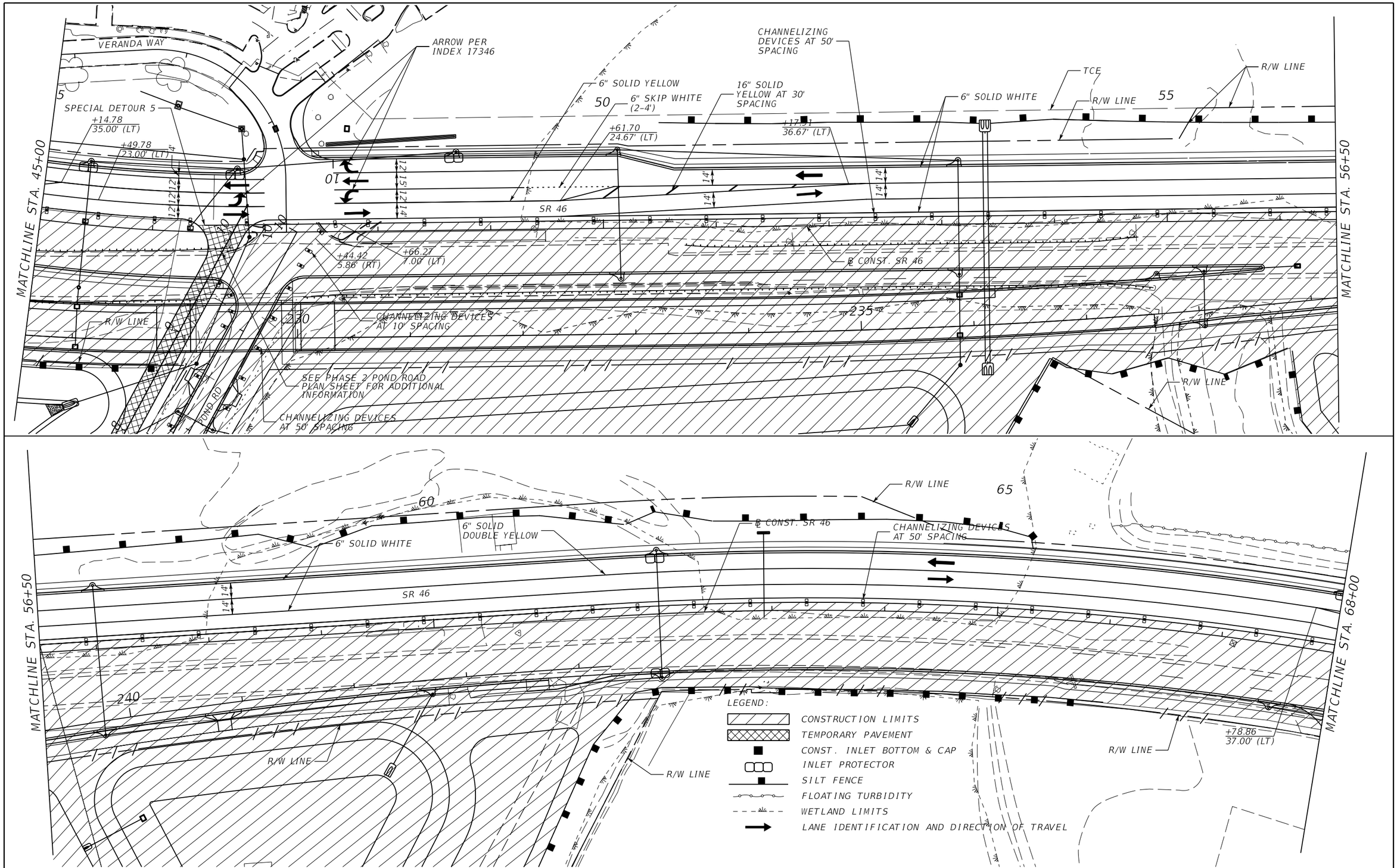
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TEMP. TRAFFIC CONTROL PHASE 2 PLANS - SR 46

SHEET NO. 505

jcapra 3/28/2016 10:23:06 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\tcplrd21.dgn



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

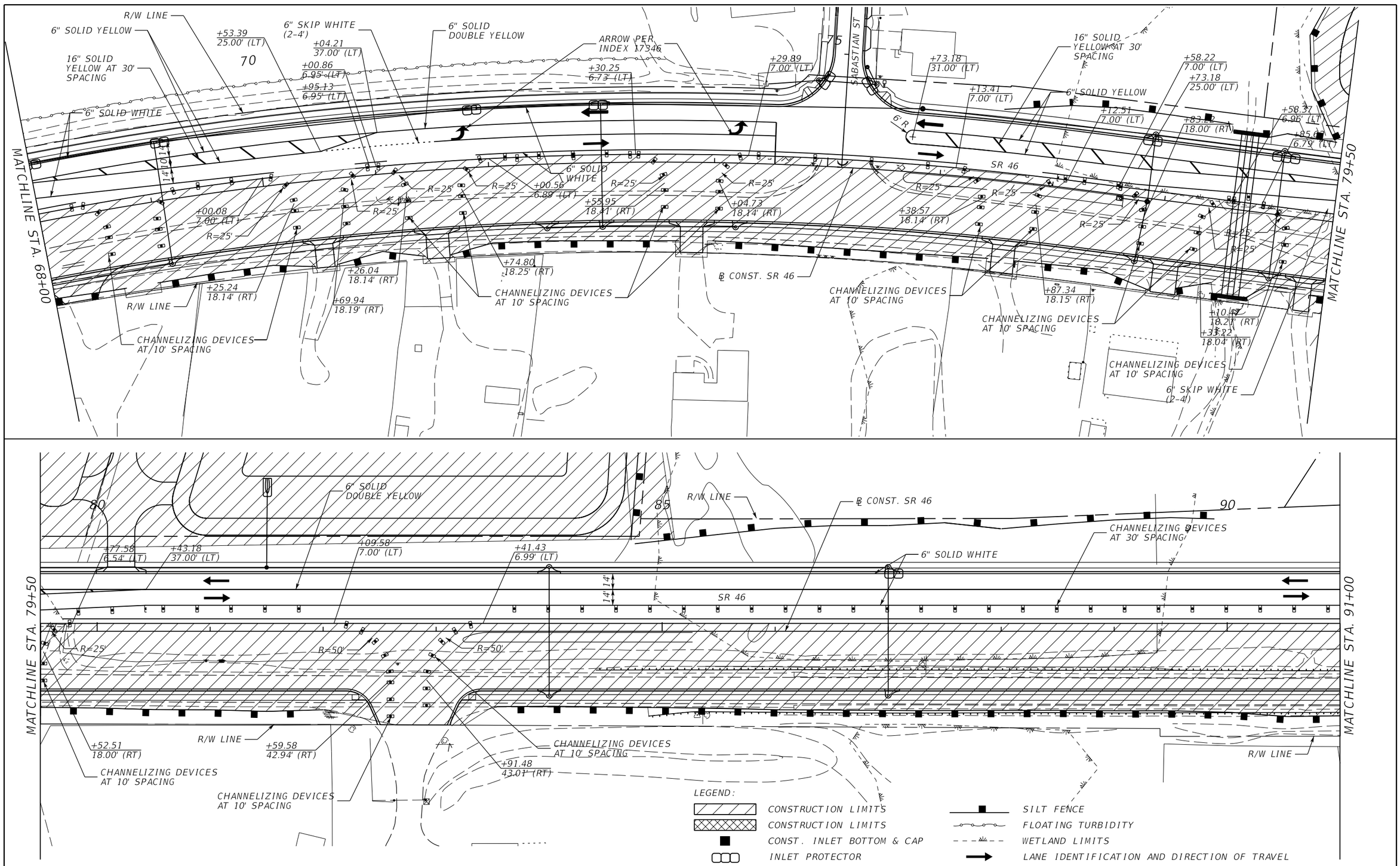
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TEMP. TRAFFIC CONTROL PHASE 2 PLANS - SR 46

SHEET NO. 506

jcapra 3/28/2016 10:23:08 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\tcplrd22.dgn



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

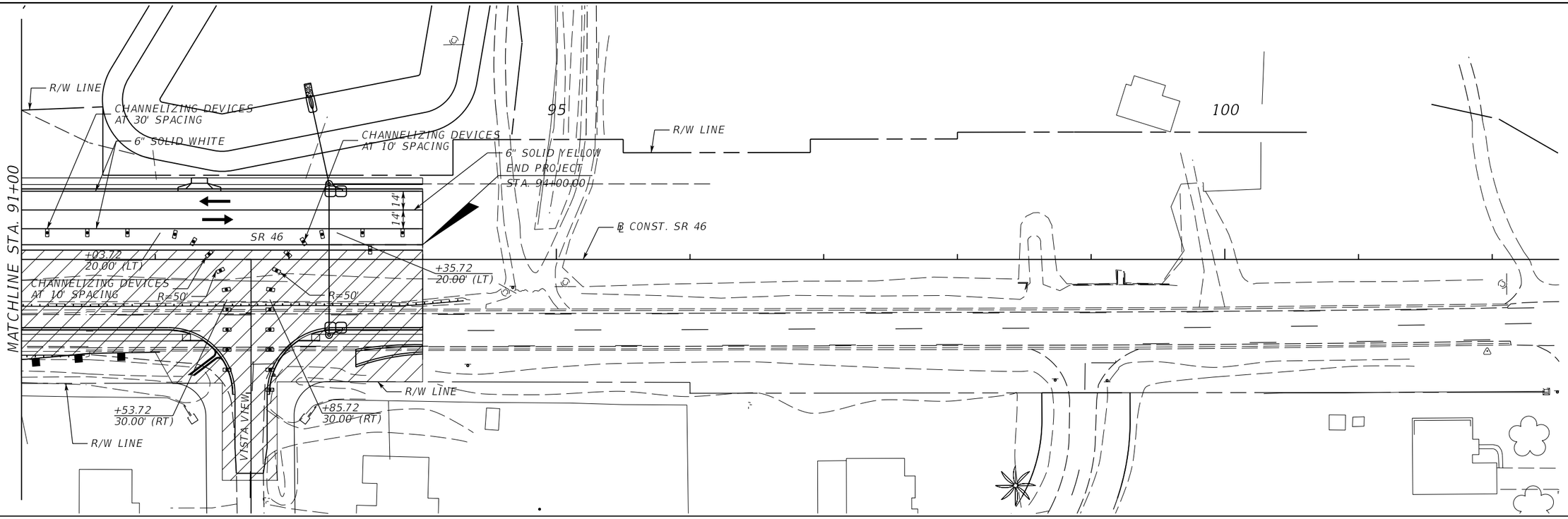
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TEMP. TRAFFIC CONTROL PHASE 2 PLANS - SR 46

SHEET NO. 507

jcapra 3/28/2016 10:23:11 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\tcplrd23.dgn



LEGEND:

- CONSTRUCTION LIMITS
- TEMPORARY PAVEMENT
- CONST. INLET BOTTOM & CAP
- INLET PROTECTOR
- SILT FENCE
- FLOATING TURBIDITY
- LANE IDENTIFICATION AND DIRECTION OF TRAVEL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

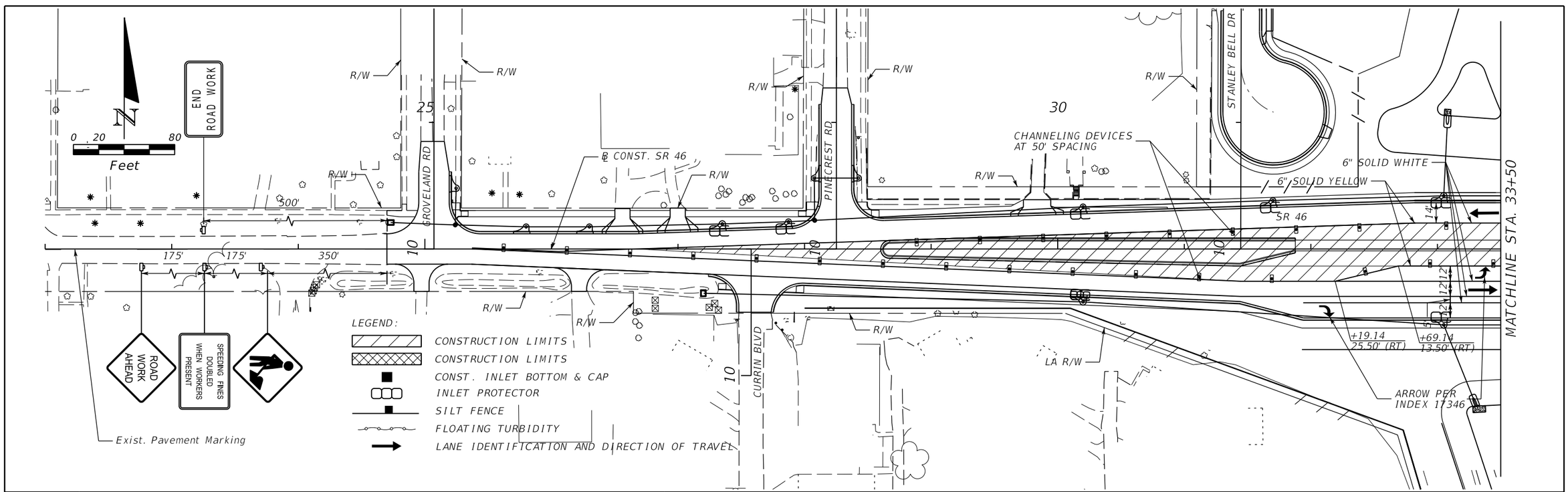
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TEMP. TRAFFIC CONTROL PHASE 2 PLANS - SR 46

SHEET NO. 508

jcapra 3/28/2016 10:23:13 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\tcplrd24.dgn



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

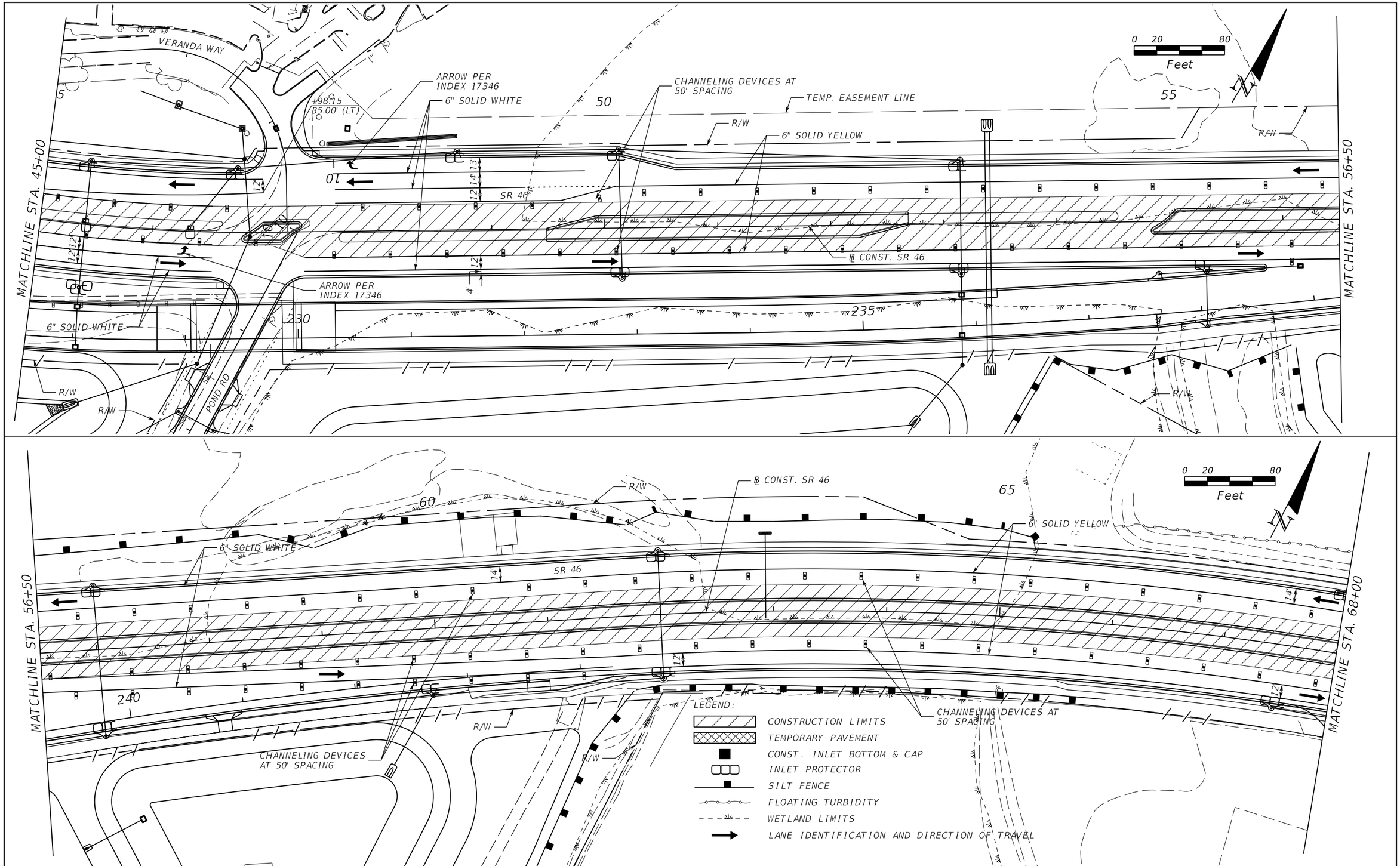
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TEMP. TRAFFIC CONTROL PHASE 3 PLANS - SR 46

SHEET NO. 509

jcapra 3/28/2016 10:23:15 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\tcplrd31.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

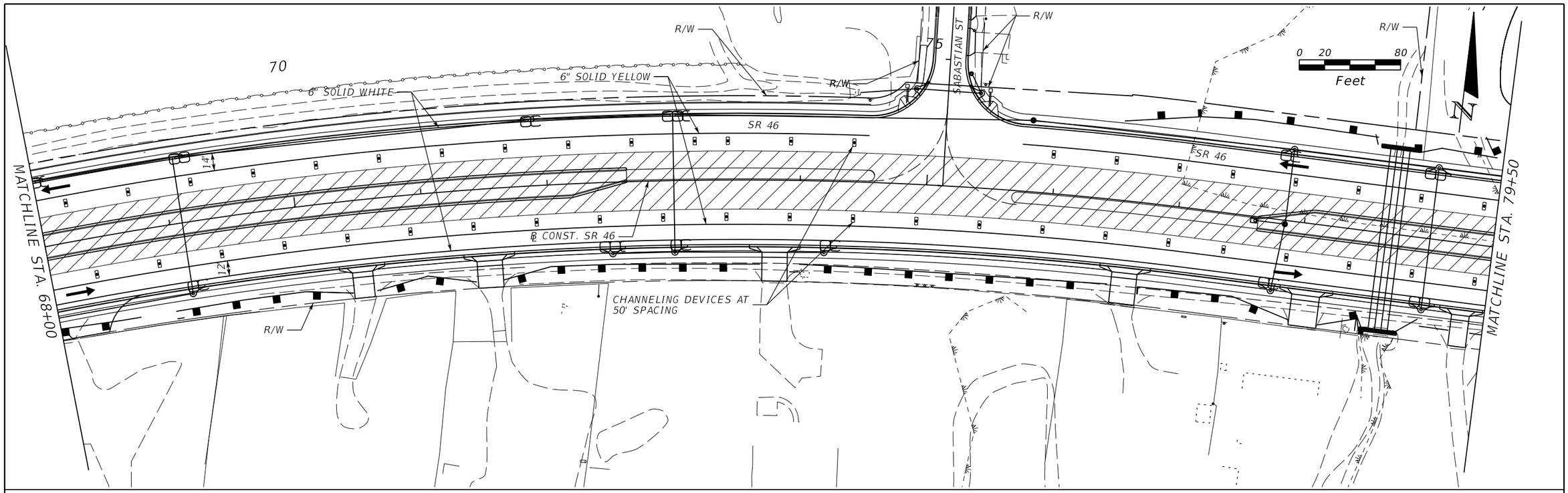
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

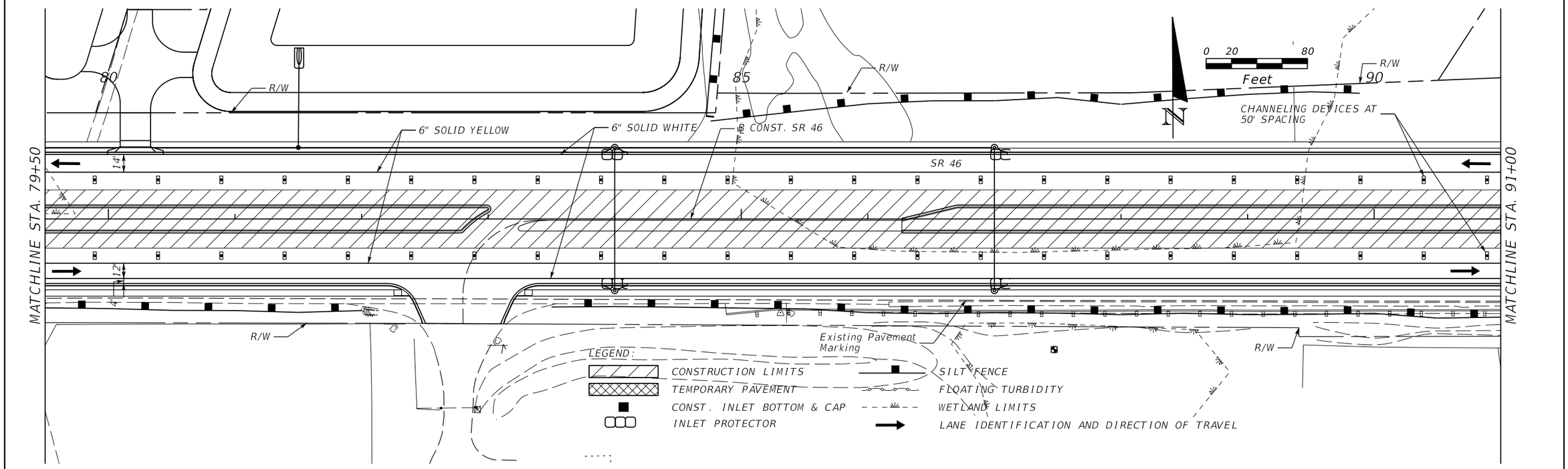
TEMP. TRAFFIC CONTROL PHASE 3 PLANS - SR 46

SHEET NO. 510

jcapra 3/28/2016 10:23:17 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\tcplrd32.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.





REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

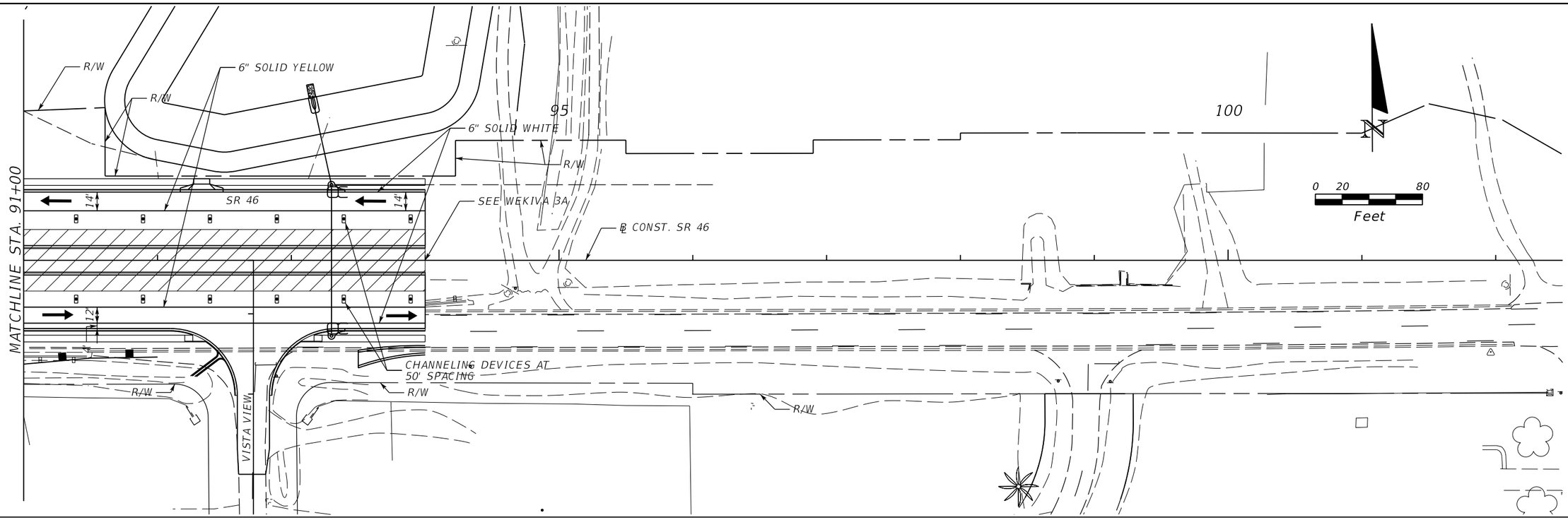
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TEMP. TRAFFIC CONTROL PHASE 3 PLANS - SR 46

SHEET NO. 511

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

jcapra 3/28/2016 10:23:18 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\tcplrd33.dgn



LEGEND:

- CONSTRUCTION LIMITS
- TEMPORARY PAVEMENT
- CONST. INLET BOTTOM & CAP
- INLET PROTECTOR
- SILT FENCE
- FLOATING TURBIDITY
- LANE IDENTIFICATION AND DIRECTION OF TRAVEL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

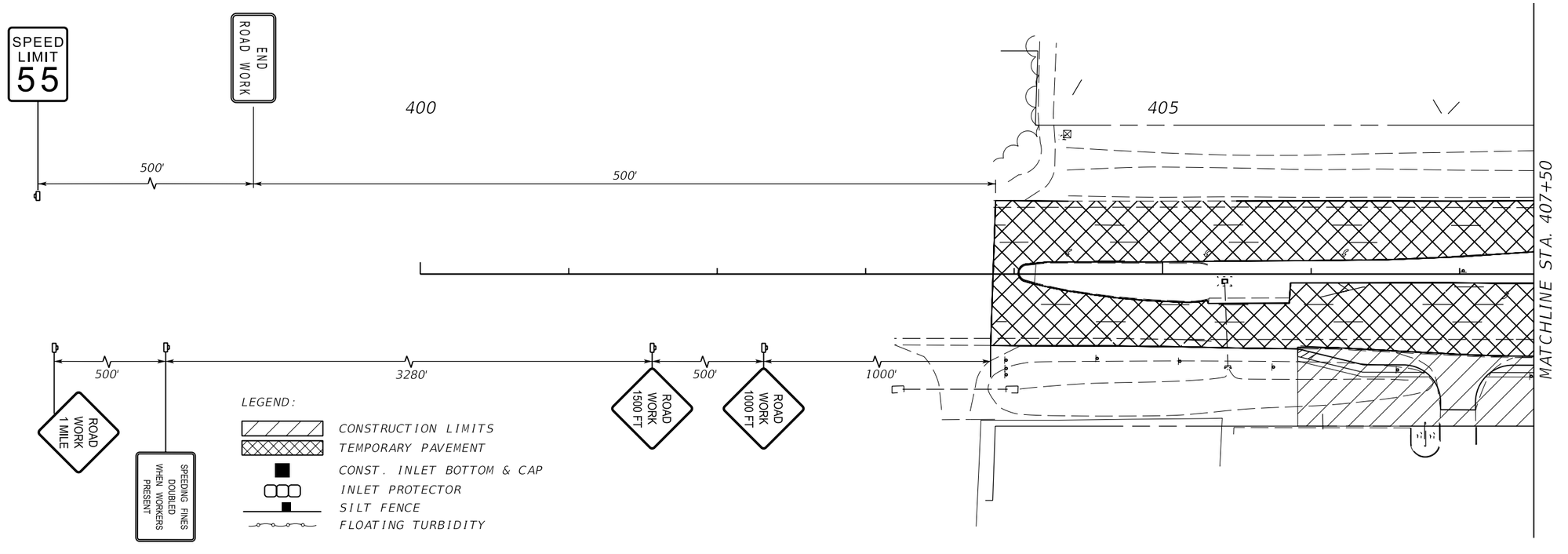
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

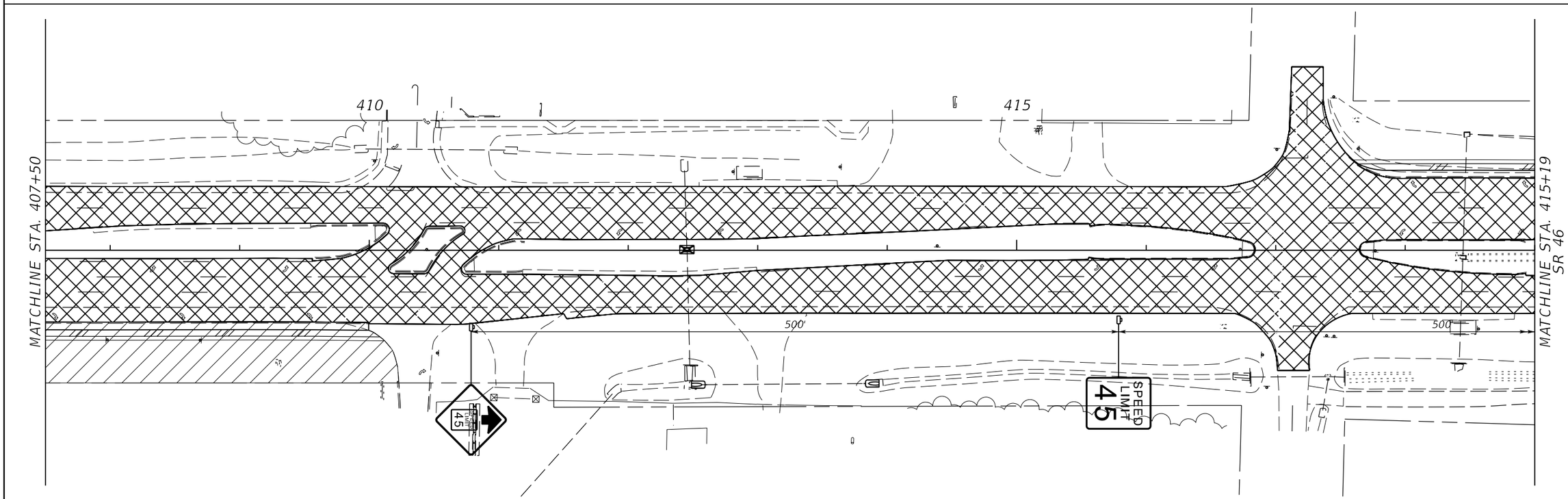
TEMP. TRAFFIC CONTROL PHASE 3 PLANS - SR 46

SHEET NO. 512

jcapra 3/28/2016 10:23:20 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\tcplrd34.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.





REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

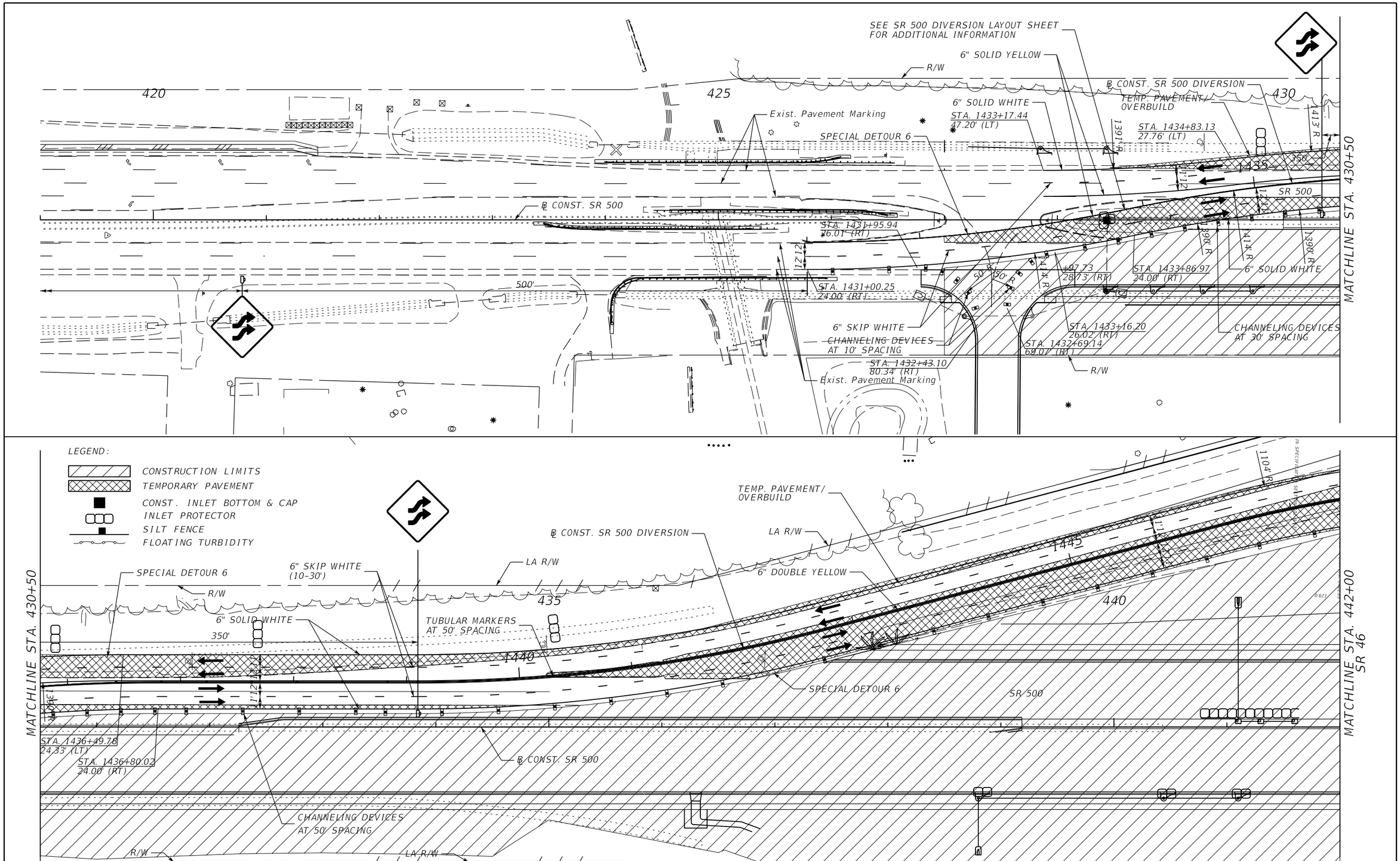
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TEMP. TRAFFIC CONTROL PHASE 1 PLANS - SR 500

SHEET NO. 513

jcapra 3/28/2016 10:23:22 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\tcplrd05_1.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

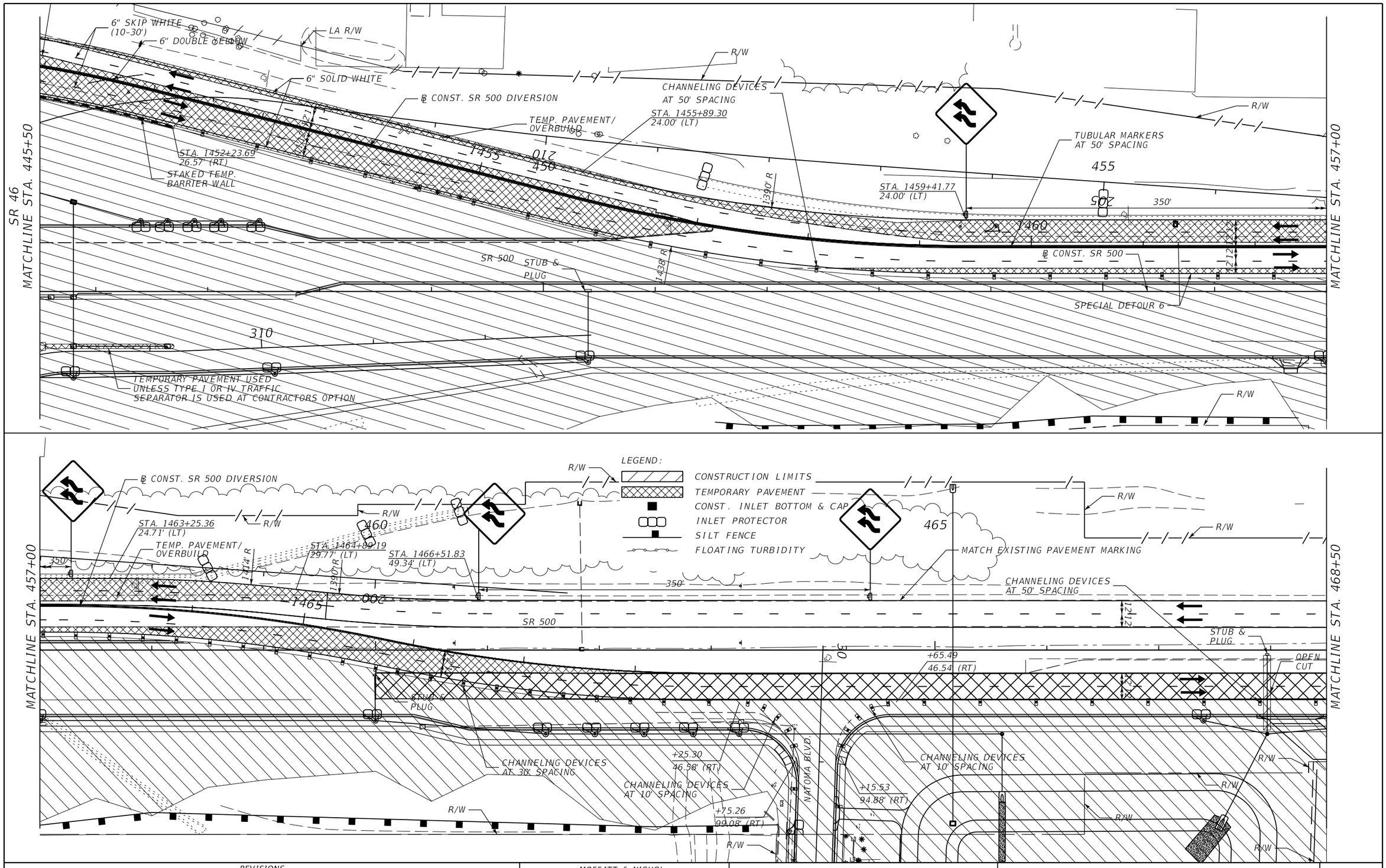
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TEMP. TRAFFIC CONTROL PHASE 1 PLANS - SR 500

SHEET NO.
514

jcapra 3/28/2016 10:23:25 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\tcplrd05.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

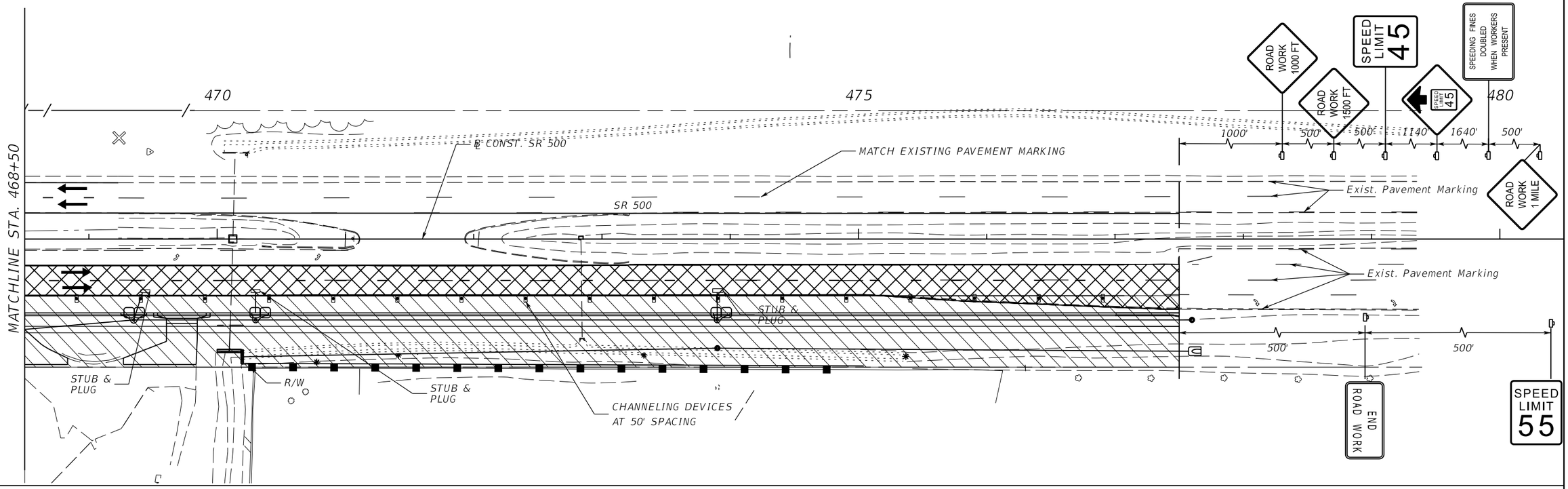
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TEMP. TRAFFIC CONTROL PHASE 1 PLANS - SR 500

SHEET NO. 515

jcapra 3/28/2016 10:23:28 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\tcplrd06.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



LEGEND:

- CONSTRUCTION LIMITS
- TEMPORARY PAVEMENT
- CONST. INLET BOTTOM & CAP
- INLET PROTECTOR
- SILT FENCE
- FLOATING TURBIDITY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TEMP. TRAFFIC CONTROL PHASE 1 PLANS - SR 500

SHEET NO. 516

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

jcapra 3/28/2016 10:23:30 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\tcplrd07.dgn

LEGEND:
CONSTRUCTION LIMITS
TEMPORARY PAVEMENT
CONST. INLET BOTTOM & CAP
INLET PROTECTOR
SILT FENCE
FLOATING TURBIDITY

SEE SR 500 PHASE 1 FOR ADDITIONAL INFORMATION

+23.57 120.21' (LT)
+84.14 130.21' (LT)
+84.14 120.21' (LT)
+33.91 150.21' (LT)
+33.91 130.21' (LT)
R/W
+17.13 40.05' (LT)
+62.28 64.05' (LT)
+28.96 54.20' (LT)
1414 R
1906 R
460
6" SOLID WHITE
6" SKIP WHITE (10-30')
+92.16 44.53' (LT)
1465
SR 500
12'12'
1414 R
+09.71 9.47' (LT)
CHANNELING DEVICES AT 30' SPACING
6" SOLID YELLOW
6" SOLID WHITE
MATCH EXIST. +73.00 44.60' (RT)
CHANNELING DEVICES AT 10' SPACING
+75.26 93.58' (RT)
NATOMA BLVD.
MATCH EXIST. +97.70 20.59' (RT)
465
+60.72 48.54' (RT)
+33.65 150.21' (LT)
+33.65 100.21' (LT)
+34.03 99.79' (RT)
CHANNELING DEVICES AT 10' SPACING
CHANNELING DEVICES AT 50' SPACING
+15.85 90.38' (RT)
+33.65 109.79' (RT)
+34.03 109.79' (RT)
+33.65 164.79' (RT)
MATCHLINE STA. 468+50

MATCHLINE STA. 468+50
470
475
480
℄ CONST. SR 500
6" SKIP WHITE (10-30')
SR 500
6" SOLID WHITE
CHANNELING DEVICES AT 50' SPACING
6" SOLID YELLOW
350'

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

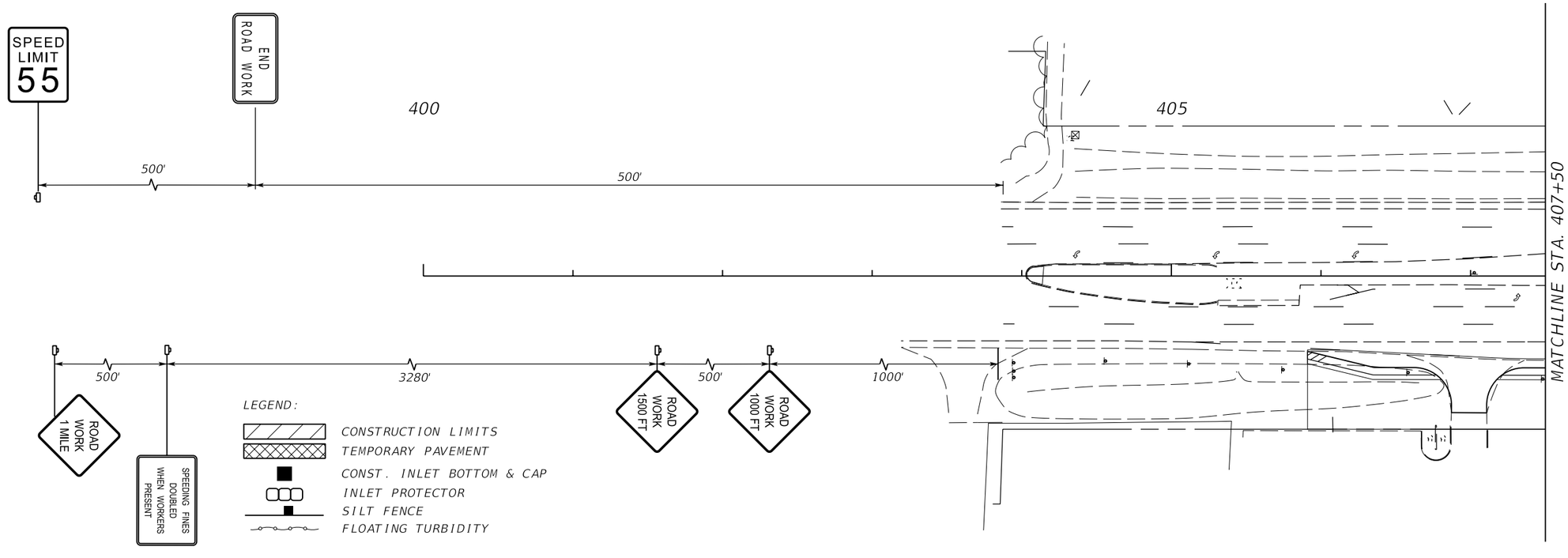
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

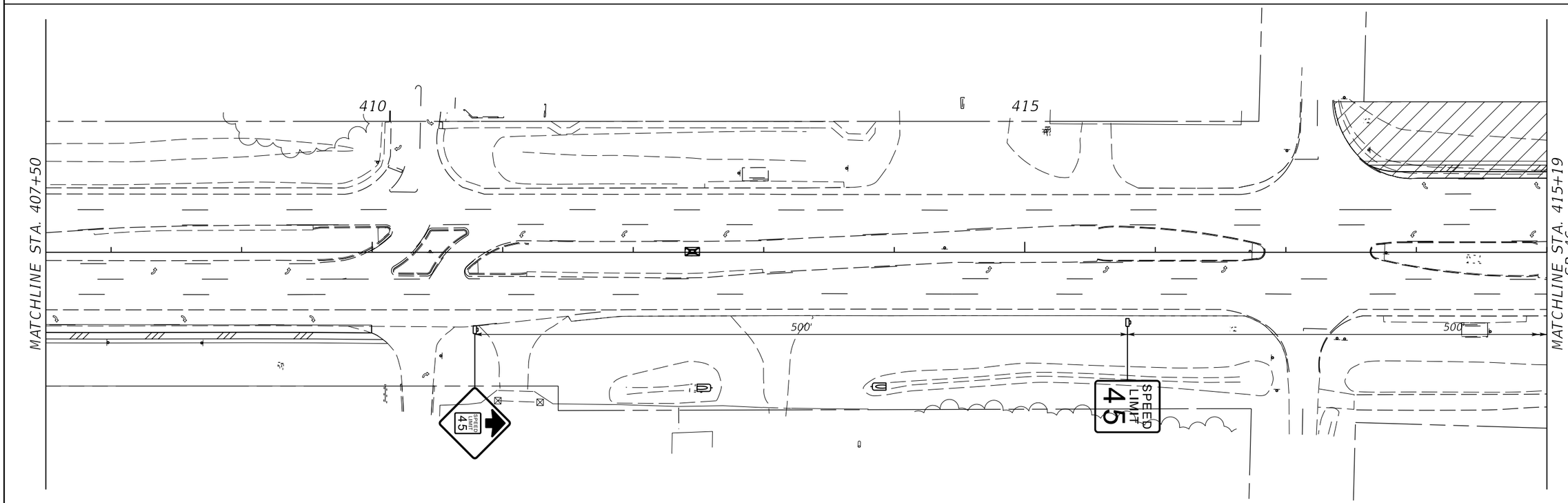
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TEMP. TRAFFIC CONTROL PHASE 2A PLANS - SR 500

SHEET NO. 517

jcapra 3/28/2016 10:23:32 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\tcplrd06_1.dgn





REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TEMP. TRAFFIC CONTROL PHASE 2 PLANS - SR 500

SHEET NO. 518

jcapra 3/28/2016 10:23:34 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\tcplrd25_1.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

R/W LINE

420

425

SPECIAL DETOUR 7

R/W LINE

430

+57.29
43.66' (LT)

6" SOLID YELLOW

R=1414'

+31.06
16.85' (LT)

6" SKIP
WHITE
(10-30')

+00.43
9.50' (RT)

R=1390'

350'

℄ CONST. SR 500

+23.99
27.75' (RT)

R=1414'

R=1390'

SR 500

+87.53
20.89' (RT)

12'

11'

12'

11'

500'

+60.78
34.50' (RT)

6" SOLID YELLOW

6" SOLID
WHITE

MATCHLINE STA. 430+50

LEGEND:

CONSTRUCTION LIMITS

TEMPORARY PAVEMENT

CONST. INLET BOTTOM & CAP

INLET PROTECTOR

SILT FENCE

FLOATING TURBIDITY

R/W LINE

LA R/W LINE

435

440

℄ CONST. SR 500

MATCHLINE STA. 430+50

350'

CHANNELIZING DEVICES
AT 50' SPACING

SR 500

MATCHLINE STA. 442+00
SR 46

12'

11'

12'

11'

6" SKIP
WHITE
(10-30')

6" SOLID
DOUBLE YELLOW

6" SOLID
WHITE

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

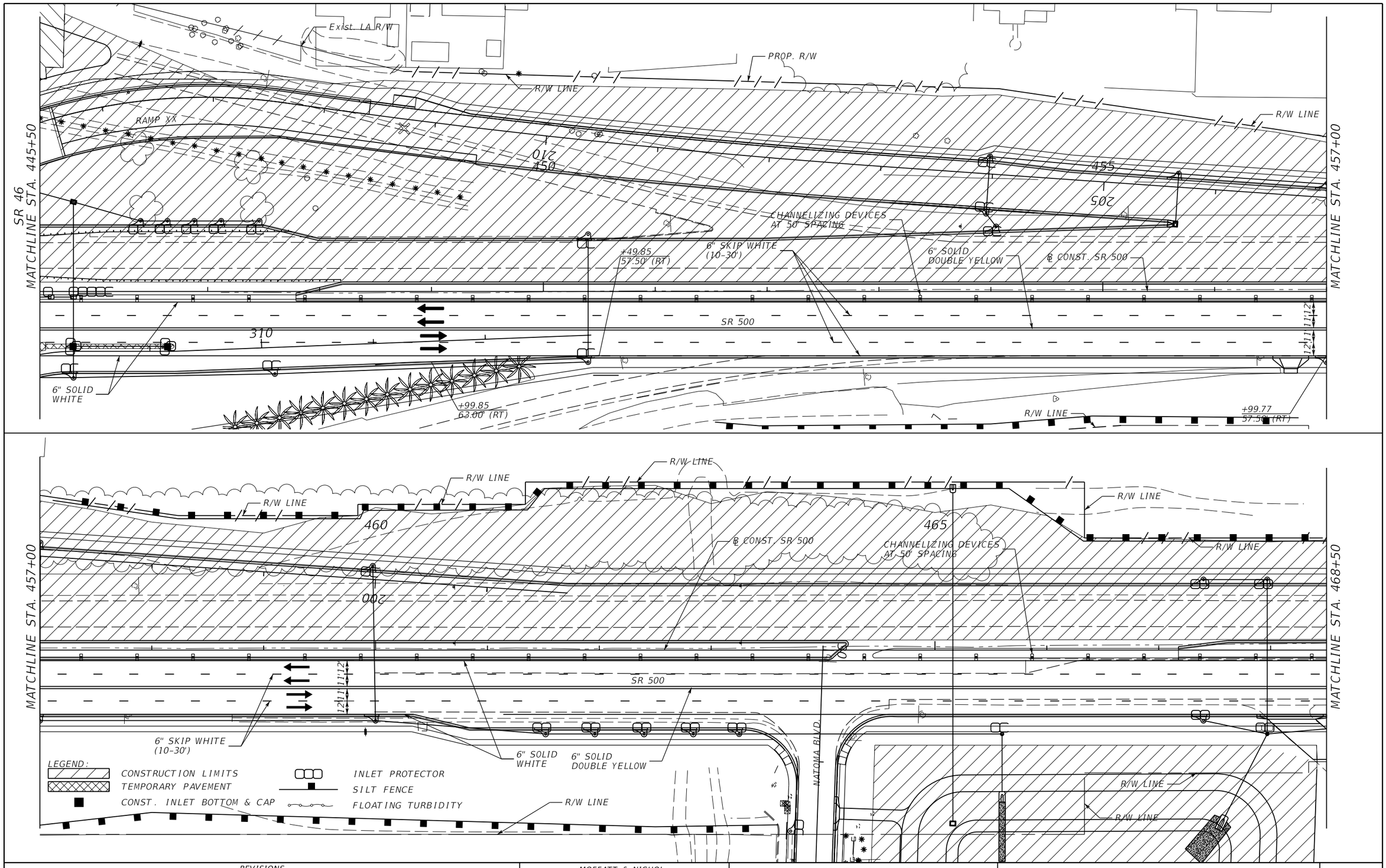
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TEMP. TRAFFIC CONTROL PHASE 2 PLANS - SR 500

SHEET NO. 519

jcapra 3/28/2016 10:23:37 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\tcplrd25.dgn



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

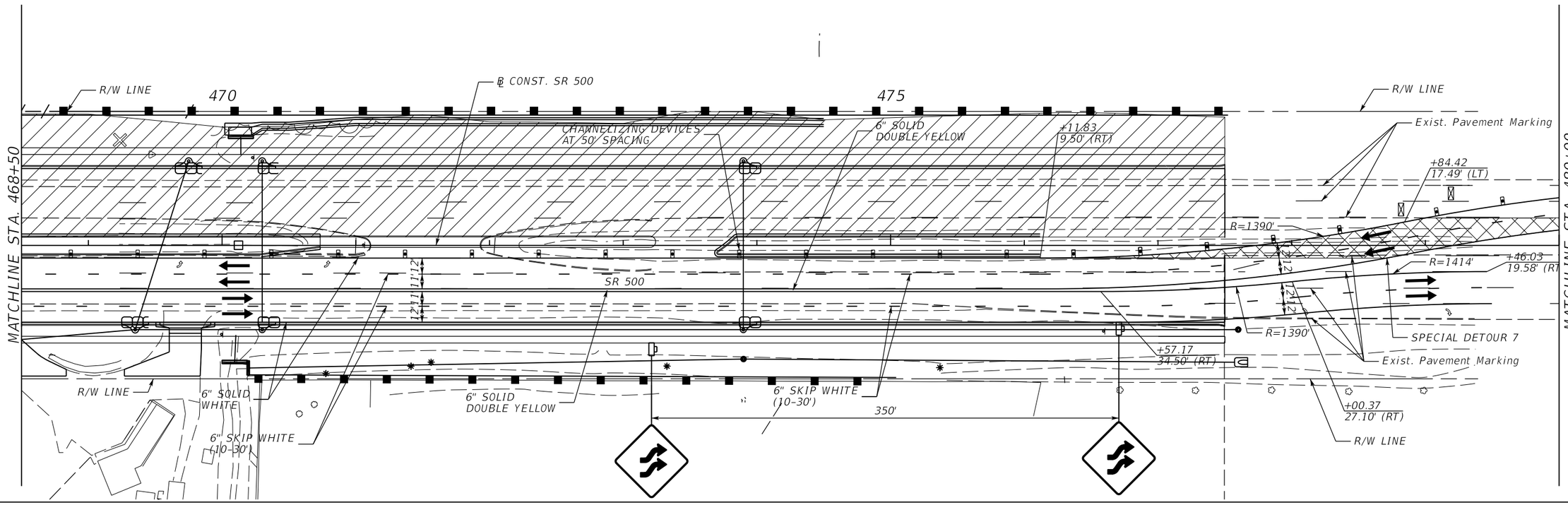
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

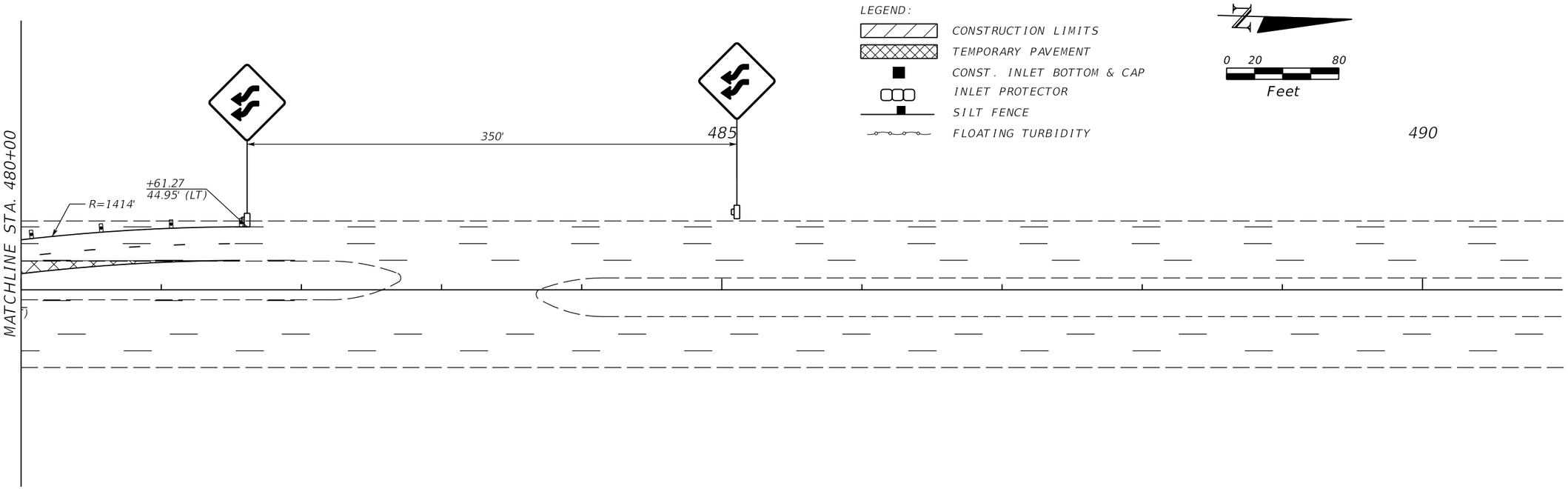
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TEMP. TRAFFIC CONTROL PHASE 2 PLANS - SR 500

SHEET NO. 520

jcapra 3/28/2016 10:23:39 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\tcplrd26.dgn





REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TEMP. TRAFFIC CONTROL PHASE 2 PLANS - SR 500

SHEET NO. 521

jcapra 3/28/2016 10:23:41 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\tcplrd27.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

LEGEND:

CONSTRUCTION LIMITS
TEMPORARY PAVEMENT
CONST. INLET BOTTOM & CAP
INLET PROTECTOR
SILT FENCE
FLOATING TURBIDITY

420 425 430

Exist. Pavement Marking
℄ CONST. SR 500
Exist. Pavement Marking
6" SOLID YELLOW
6" SOLID WHITE
6" SKIP WHITE (10-30')
R/W
CHANNELING DEVICES AT 50' SPACING
+00.00 44.00' (LT)
+75.00 51.00' (LT)
+00.00 45.39' (RT)
+75.00 51.00' (RT)
12' 12' 12' 12' 6' 7'
SR 500
℄ CONST. SR 500
R/W

MATCHLINE STA. 430+50

N
0 20 80
Feet

435 440

LA R/W
LA R/W
R/W
6" SKIP WHITE (10-30')
6" SKIP WHITE (2-4')
6" SOLID YELLOW
6" SOLID WHITE
6" SOLID WHITE
6' 12' 12' 12' 12' 7'
SR 500
℄ CONST. SR 500
CHANNELING DEVICES AT 50' SPACING
+11.37 27.00' (RT)
+91.37 27.00' (RT)
R/W
LA R/W
LA R/W

MATCHLINE STA. 430+50
MATCHLINE STA. 442+00 SR 46

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

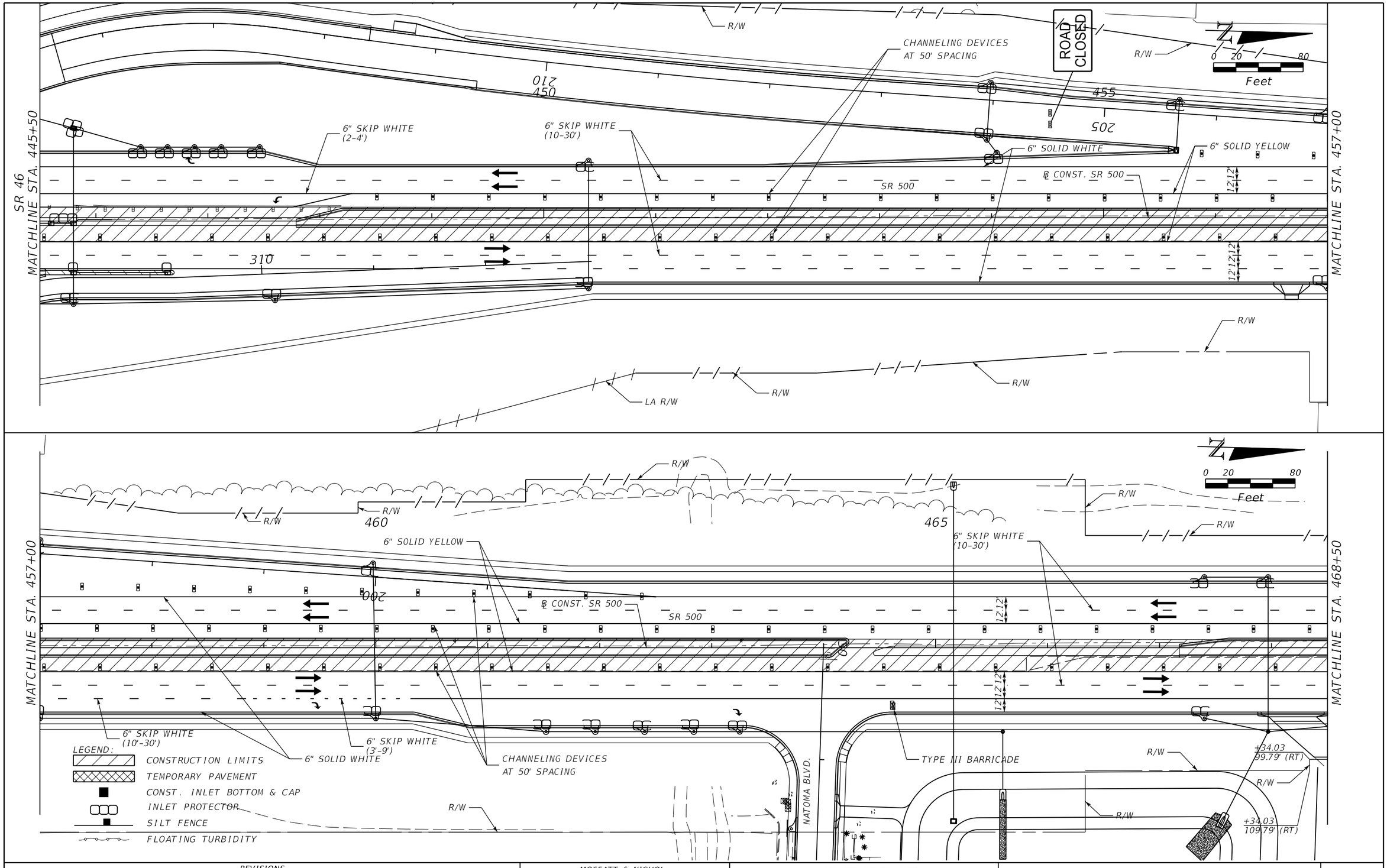
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TEMP. TRAFFIC CONTROL PHASE 3 PLANS - SR 500

SHEET NO. 522

jcapra 3/28/2016 10:23:43 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\tcplrd35.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

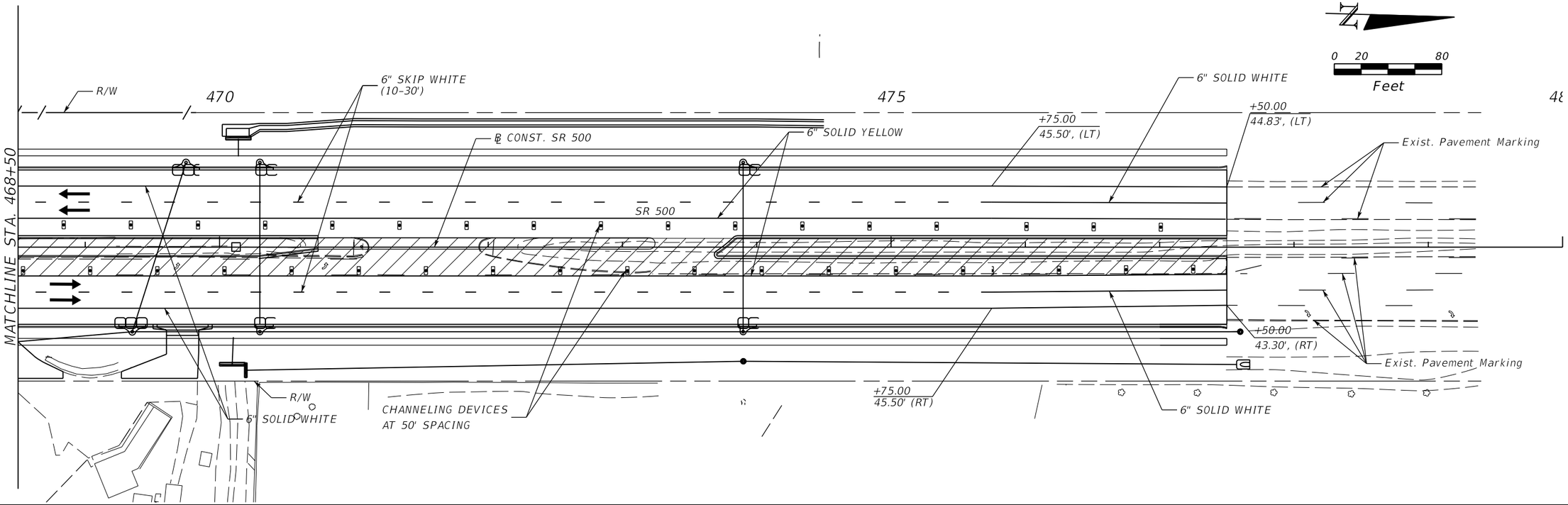
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TEMP. TRAFFIC CONTROL PHASE 3 PLANS - SR 500

SHEET NO. 523

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

jcapra 3/28/2016 10:23:44 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\tcplrd36.dgn



LEGEND:

- CONSTRUCTION LIMITS
- TEMPORARY PAVEMENT
- CONST. INLET BOTTOM & CAP
- INLET PROTECTOR
- SILT FENCE
- FLOATING TURBIDITY

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

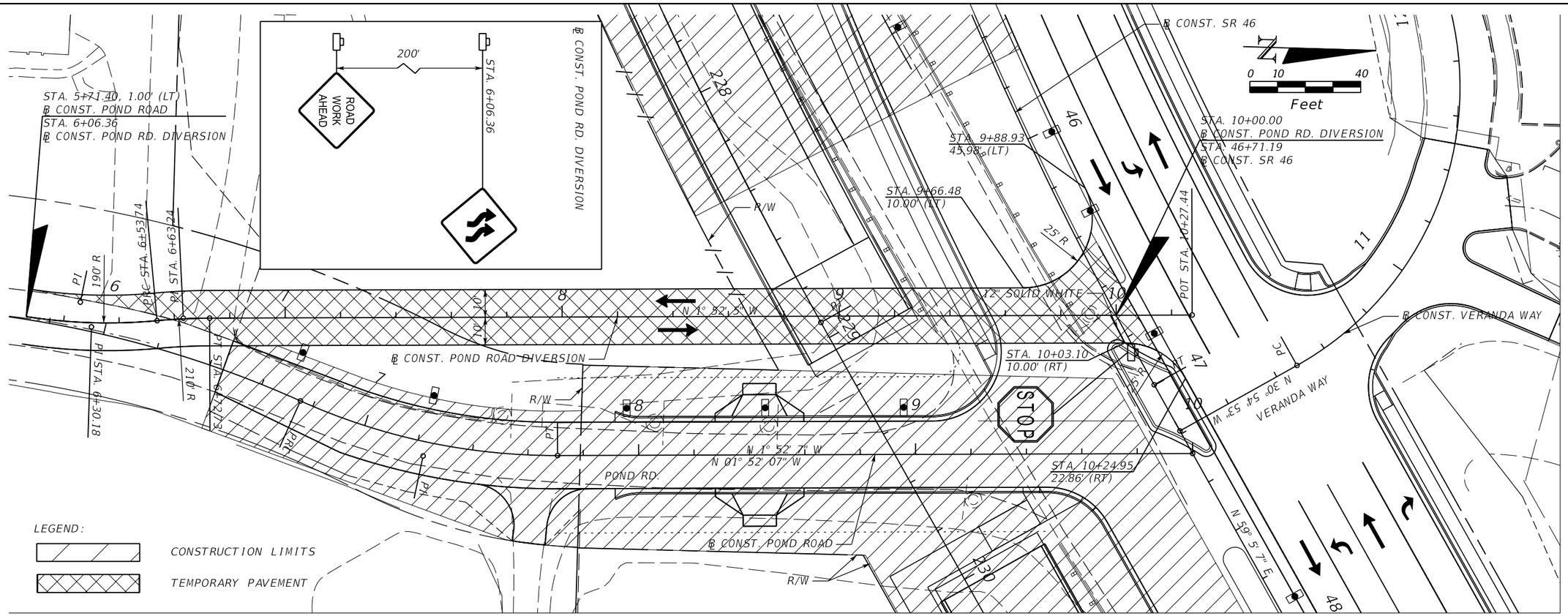
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

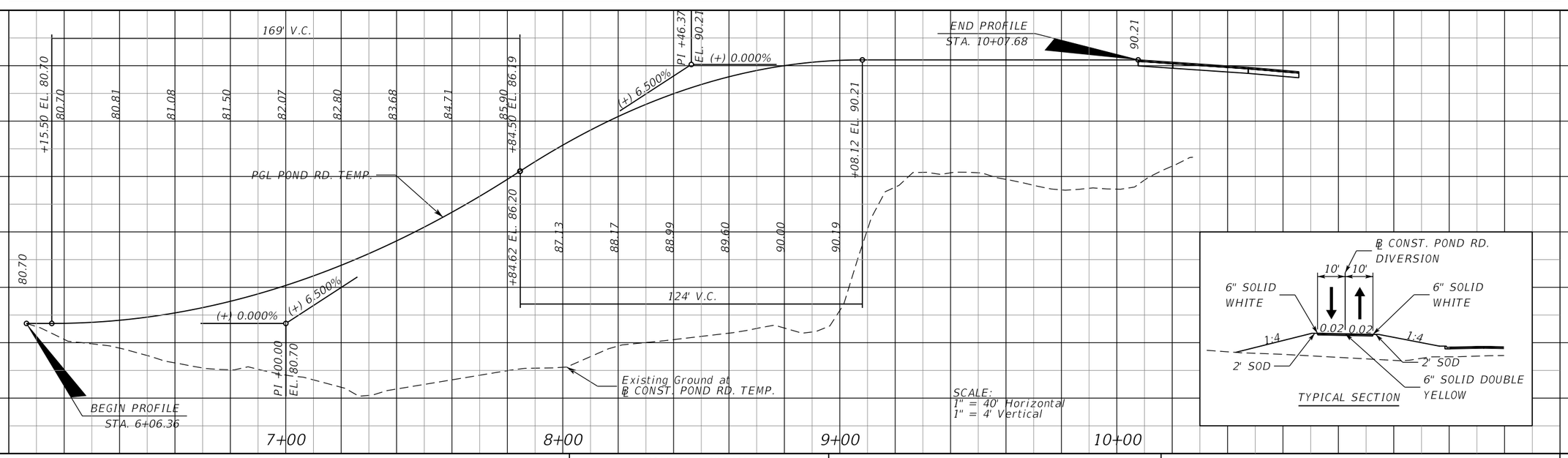
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TEMP. TRAFFIC CONTROL PHASE 3 PLANS - SR 500

SHEET NO. 524

jcapra 3/28/2016 10:23:46 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\tcplrd37.dgn





REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

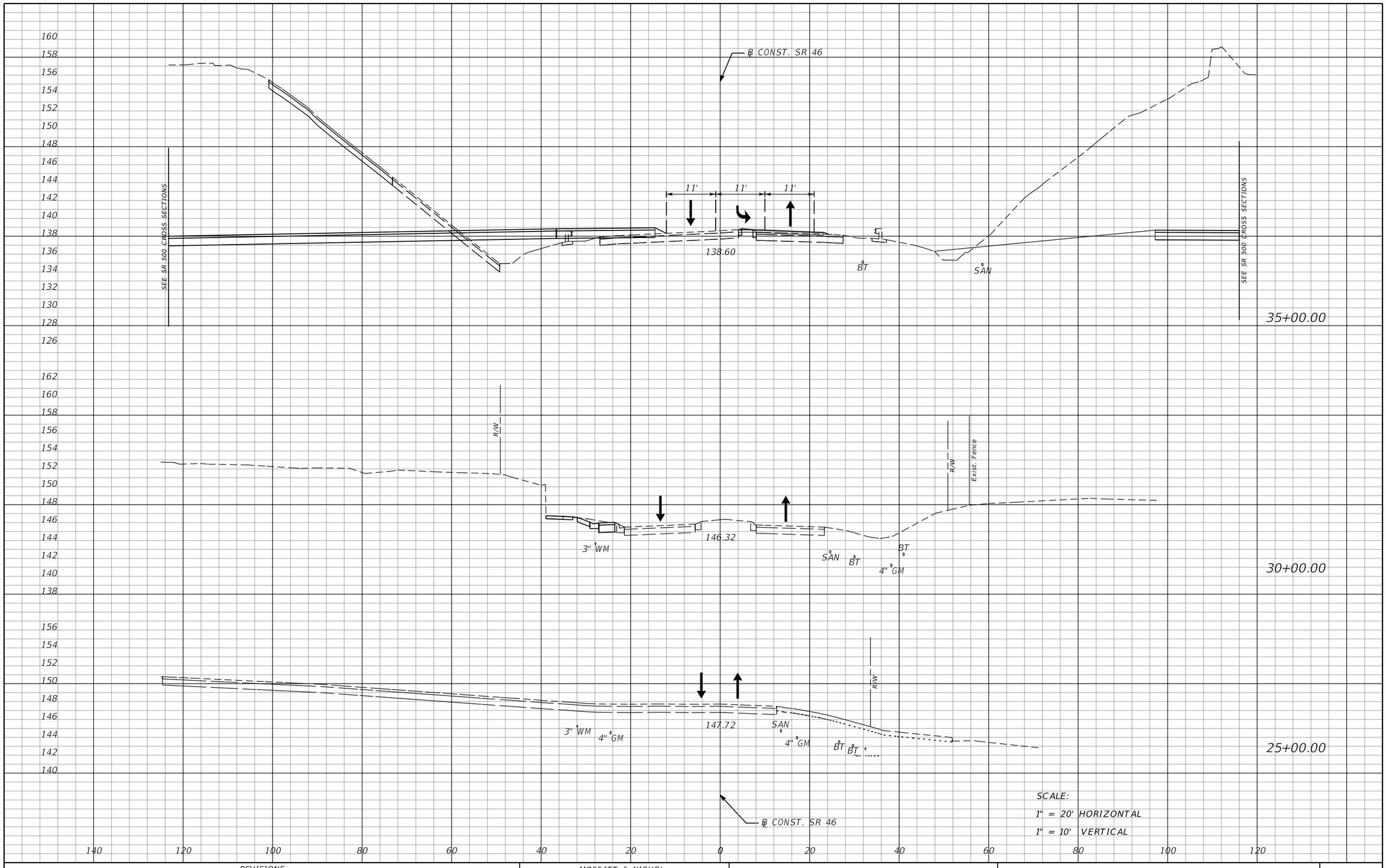
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TEMP. TRAFFIC CONTROL PHASE 2 PLANS - POND RD.

SHEET NO. 525

jcapra 3/28/2016 10:23:48 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\tcdtrd031.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

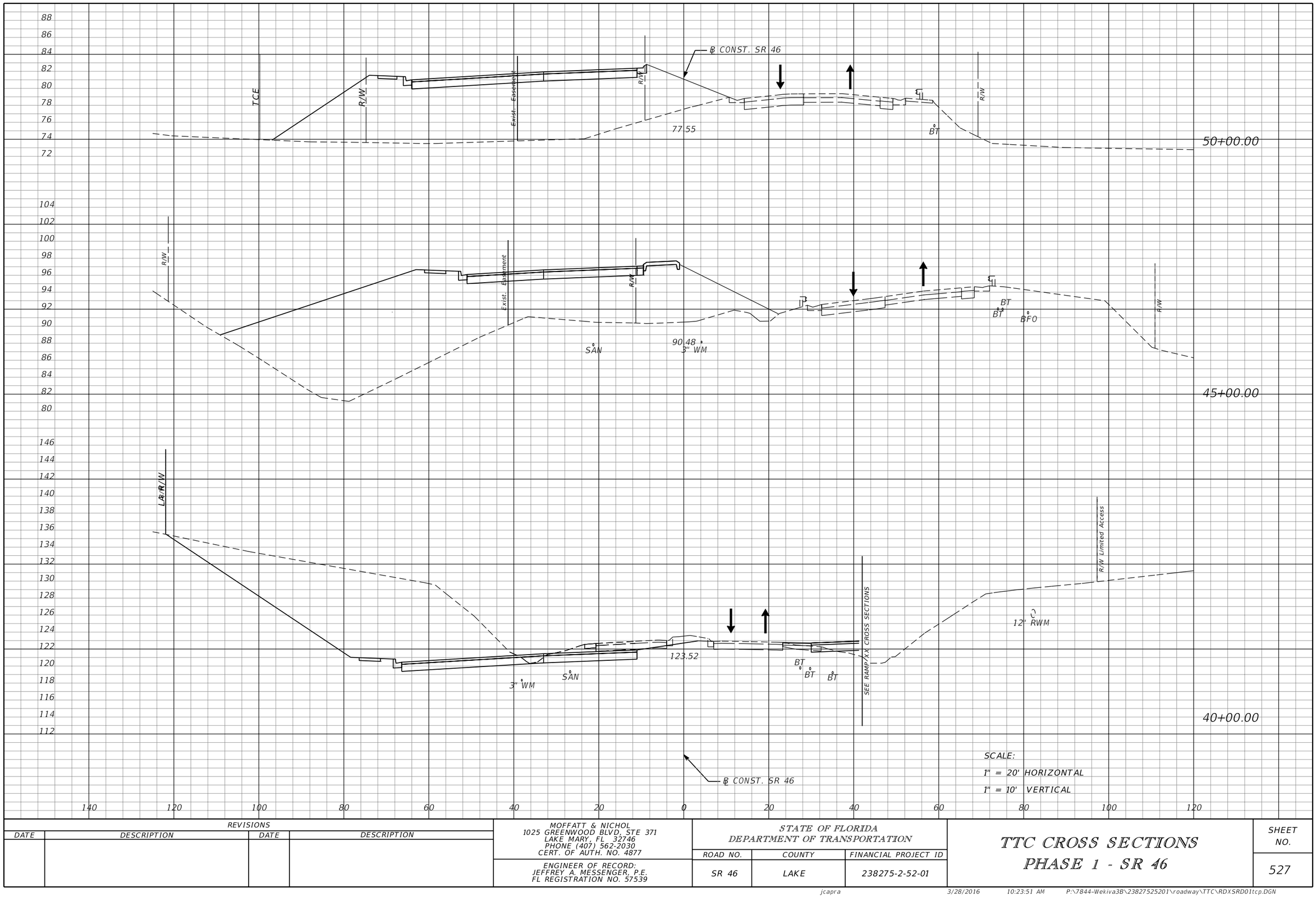
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TTC CROSS SECTIONS
PHASE 1 - SR 46

SHEET NO. 526

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

jcapra 3/28/2016 10:23:50 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\RDXSRD01tcp.DGN



SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TTC CROSS SECTIONS
PHASE 1 - SR 46

SHEET NO. 527

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

jcapra 3/28/2016 10:23:51 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\RDXSRD01ttcp.DGN

℄ CONST. SR 46

88 86 84 82 80 78 76 74 72

R/W R/W

75.80

BT BT

65+00.00

90 88 86 84 82 80 78 76 74 72 70 68

R/W R/W Exist. Fence R/W

78.99

BT BT

R/W Exist. Fence

60+00.00

88 86 84 82 80 78 76 74 72

TCE R/W R/W

75.89

BT

Exist. Fence R/W

55+00.00

℄ CONST. SR 46

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

140 120 100 80 60 40 20 0 20 40 60 80 120

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TTC CROSS SECTIONS
PHASE 1 - SR 46

SHEET NO. 528

jcapra 3/28/2016 10:23:51 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\RDXSRD01tcp.DGN

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

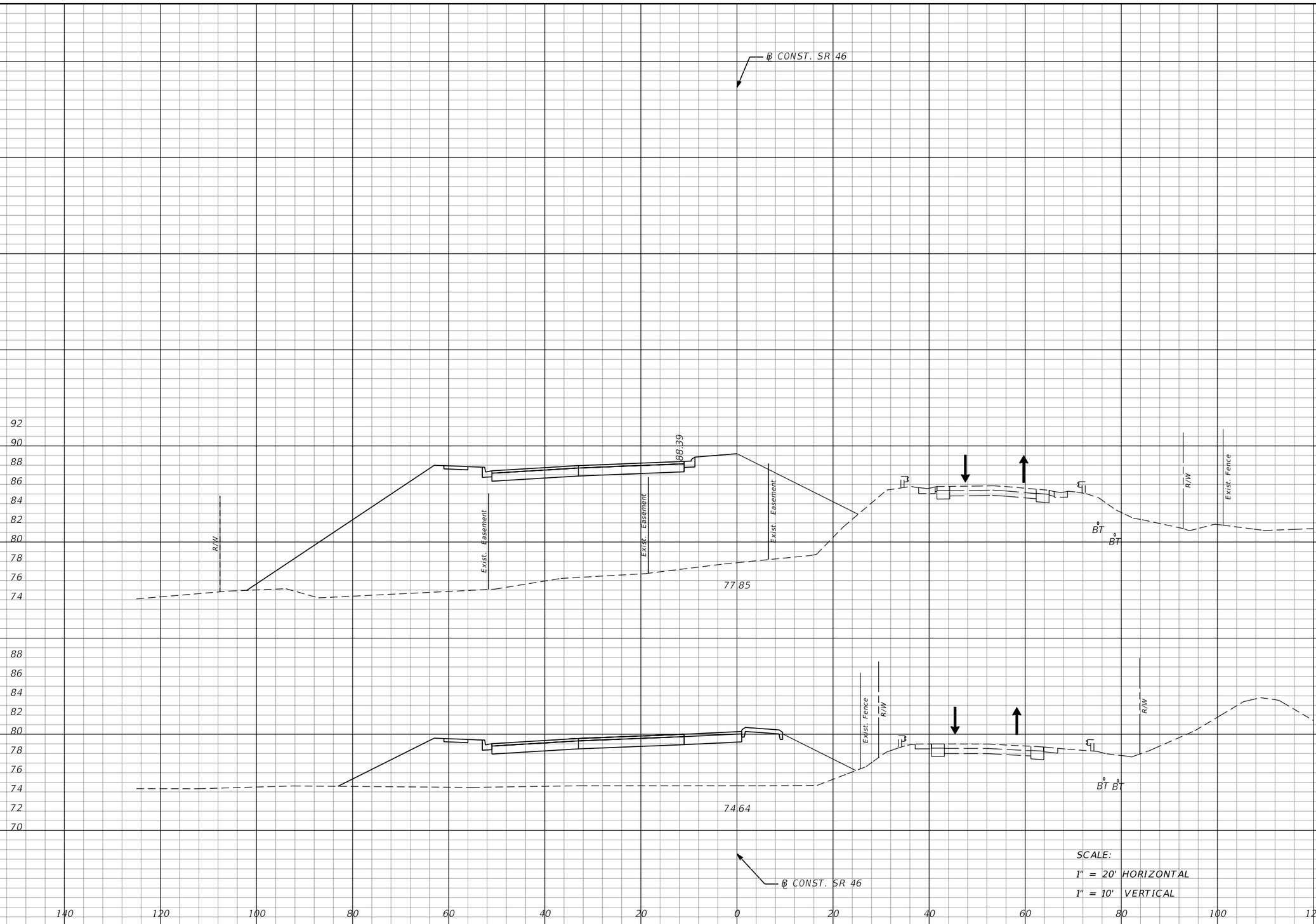
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TTC CROSS SECTIONS
PHASE 1 -SR 46

SHEET NO. 529

jcapra 3/28/2016 10:23:52 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\RDXSRD01tcp.DGN

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

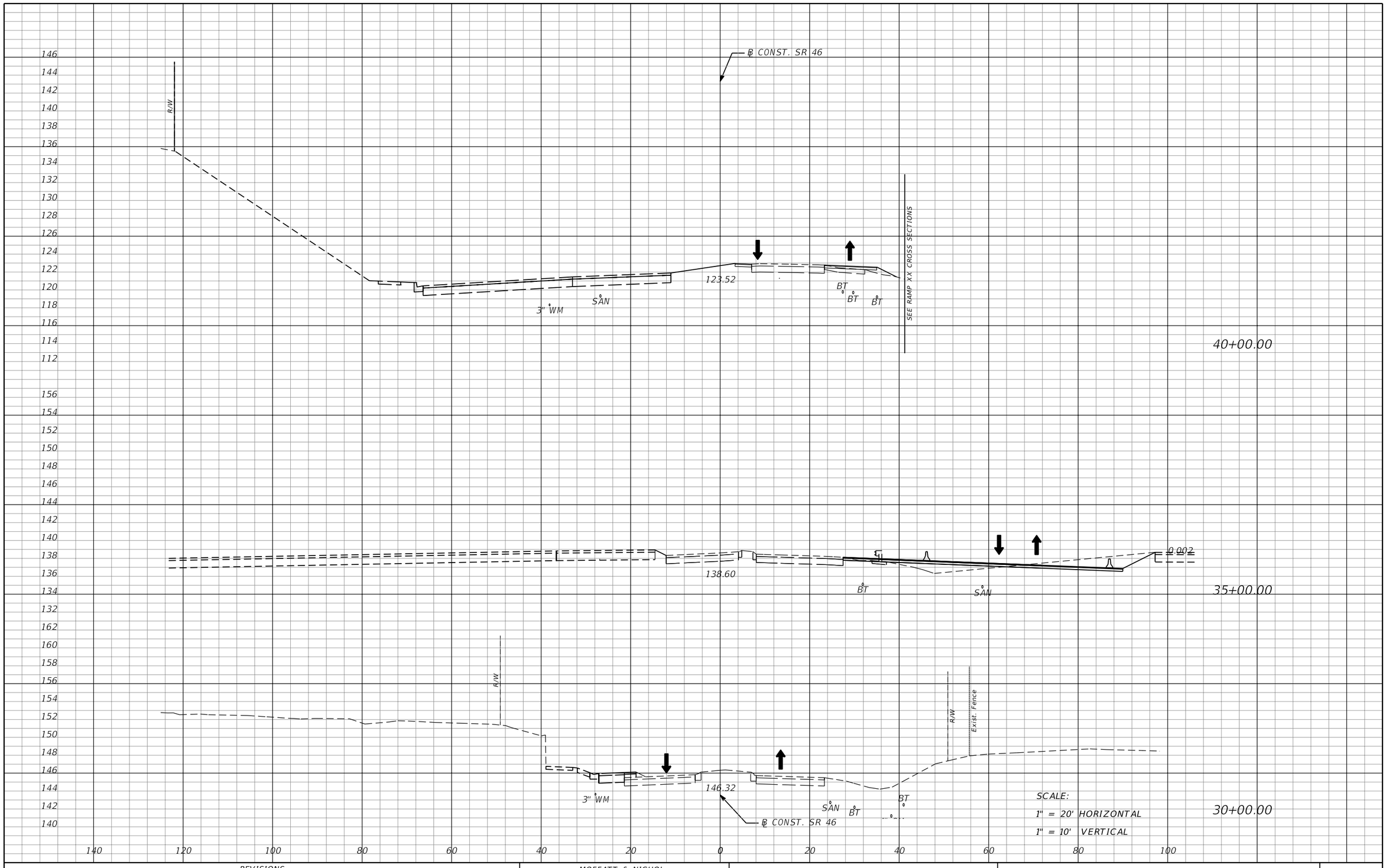
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TTC CROSS SECTIONS
PHASE 1 - SR 46

SHEET NO. 530

jcapra 3/28/2016 10:23:53 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\RDXSRD01ttcp.DGN

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

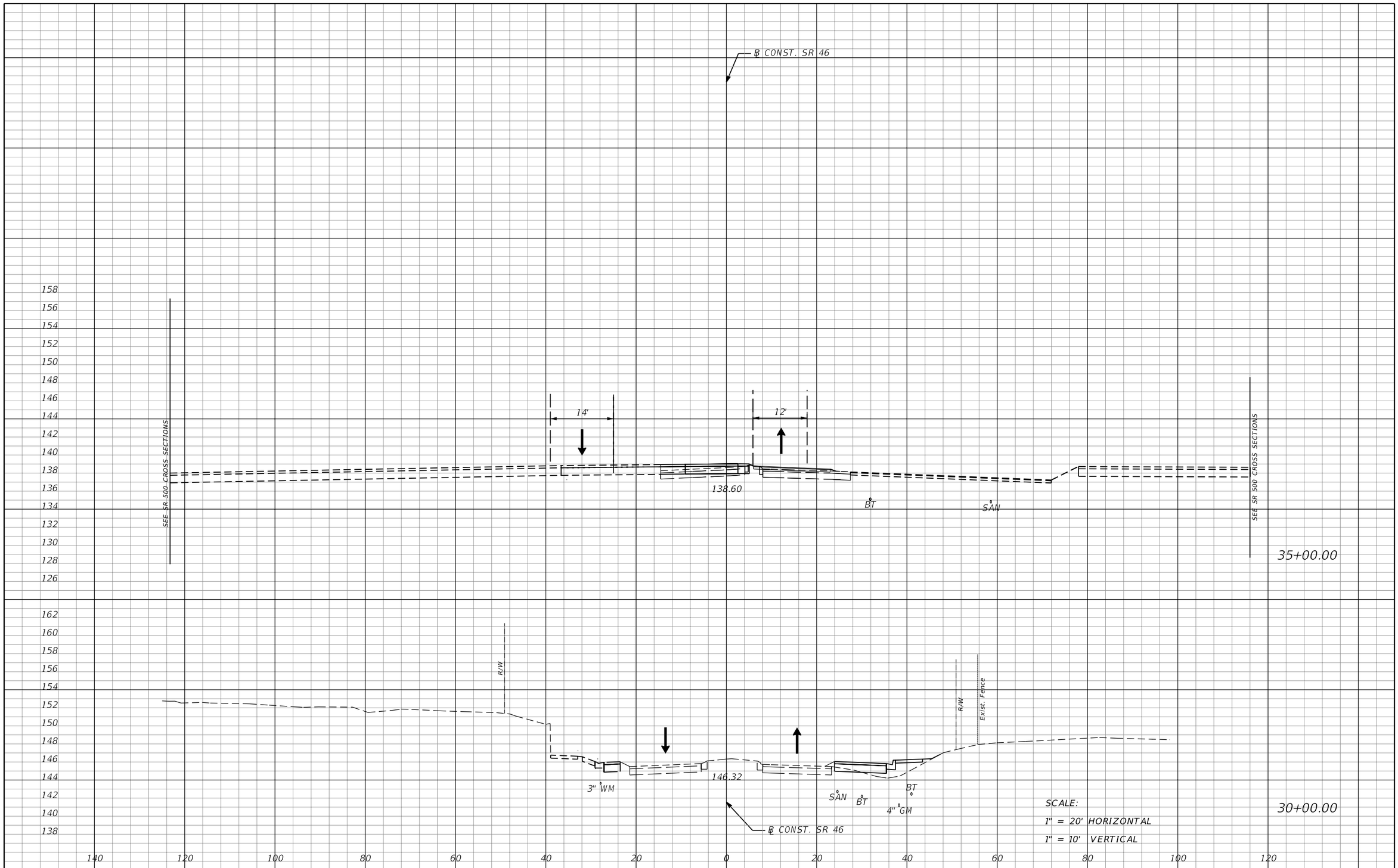
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TTC CROSS SECTIONS
PHASE 1A - SR 46

SHEET NO. 531

jcapra 3/28/2016 10:23:54 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\RDXSRD012tp.dgn



SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

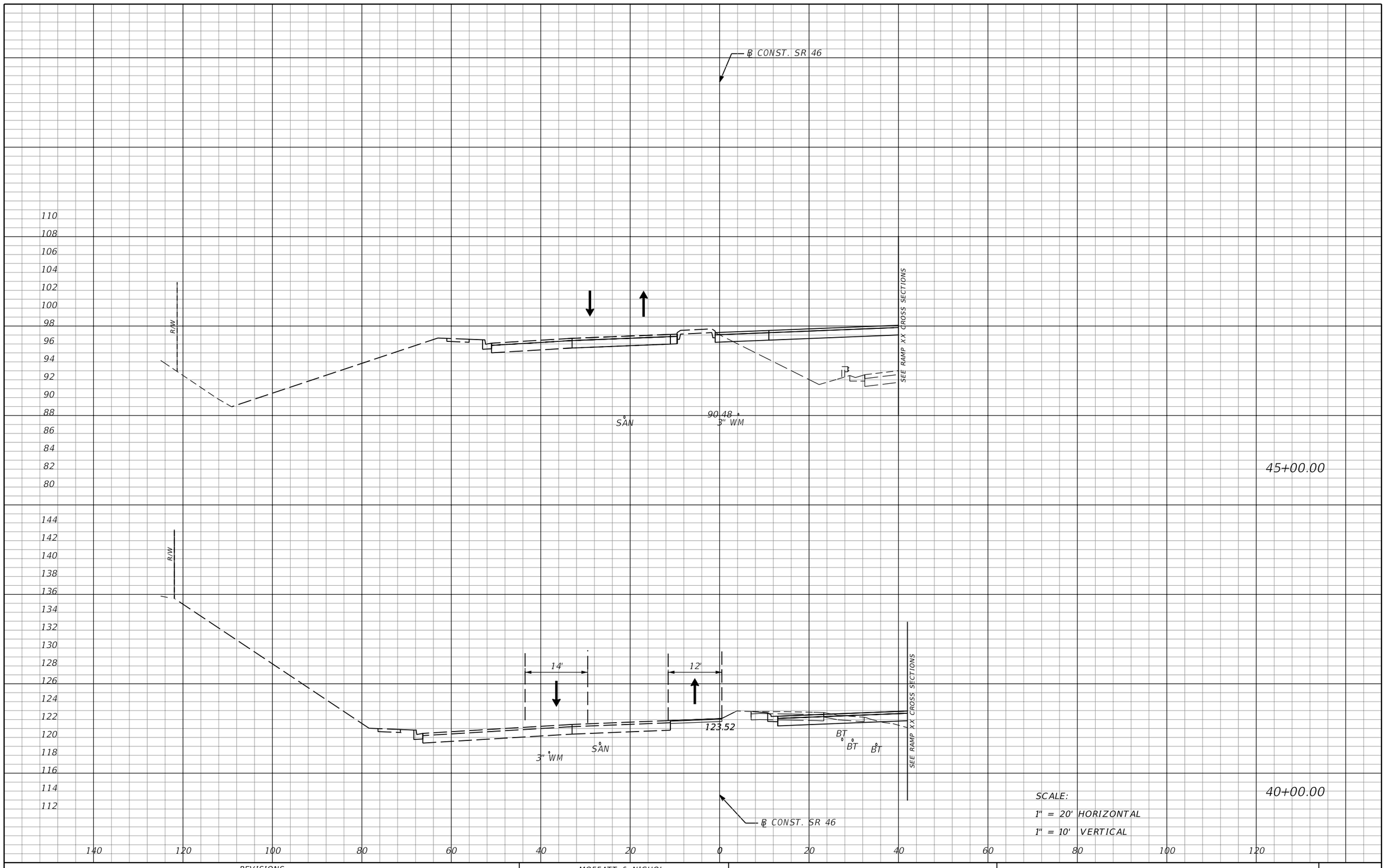
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TTC CROSS SECTIONS
PHASE 2A - SR 46

SHEET NO. 532

jcapra 3/28/2016 10:23:56 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\rdxsrd013tcp.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

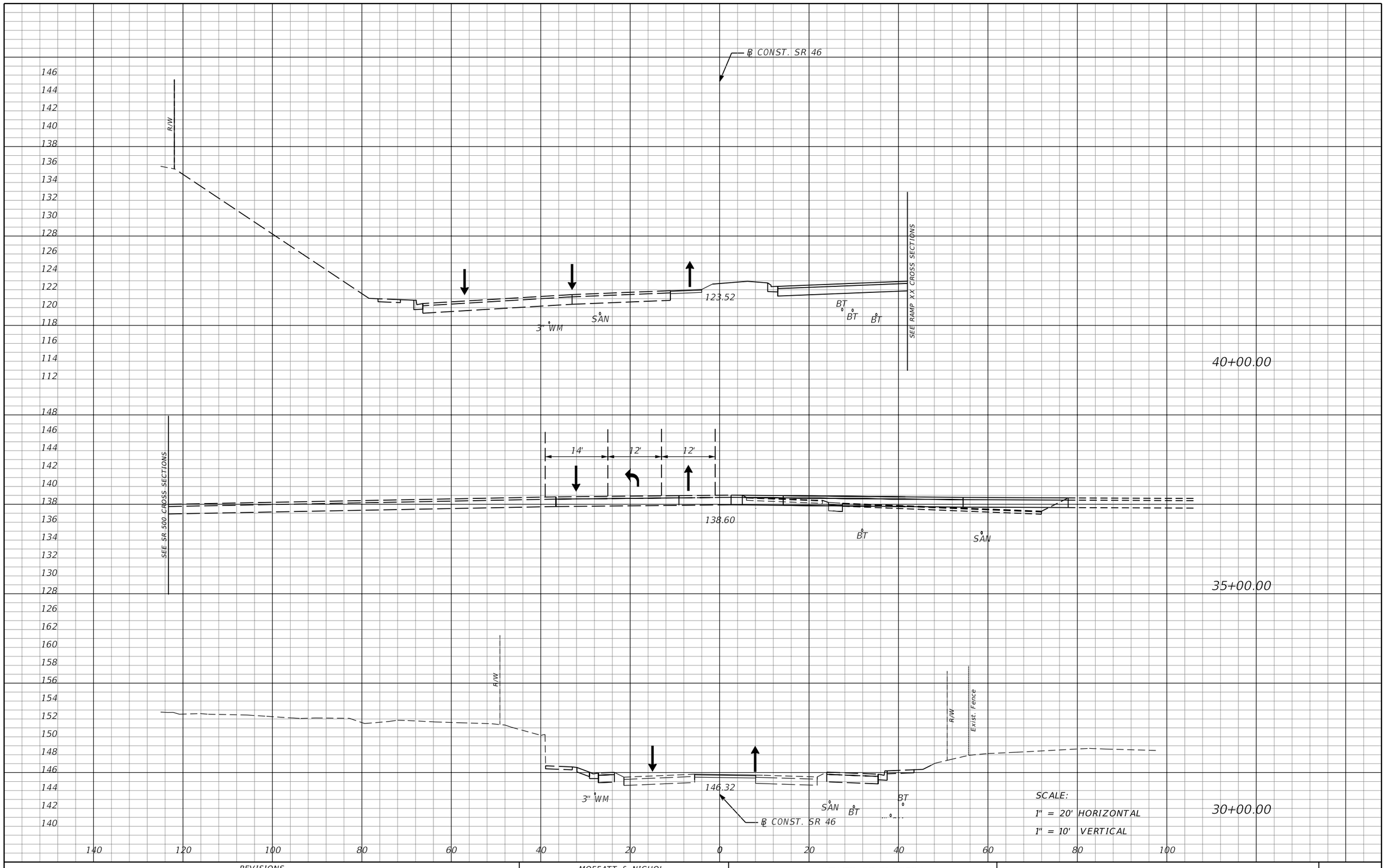
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TTC CROSS SECTIONS
PHASE 2A - SR 46

SHEET NO. 533

jcapra 3/28/2016 10:23:57 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\rdxsrd013tcp.dgn



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

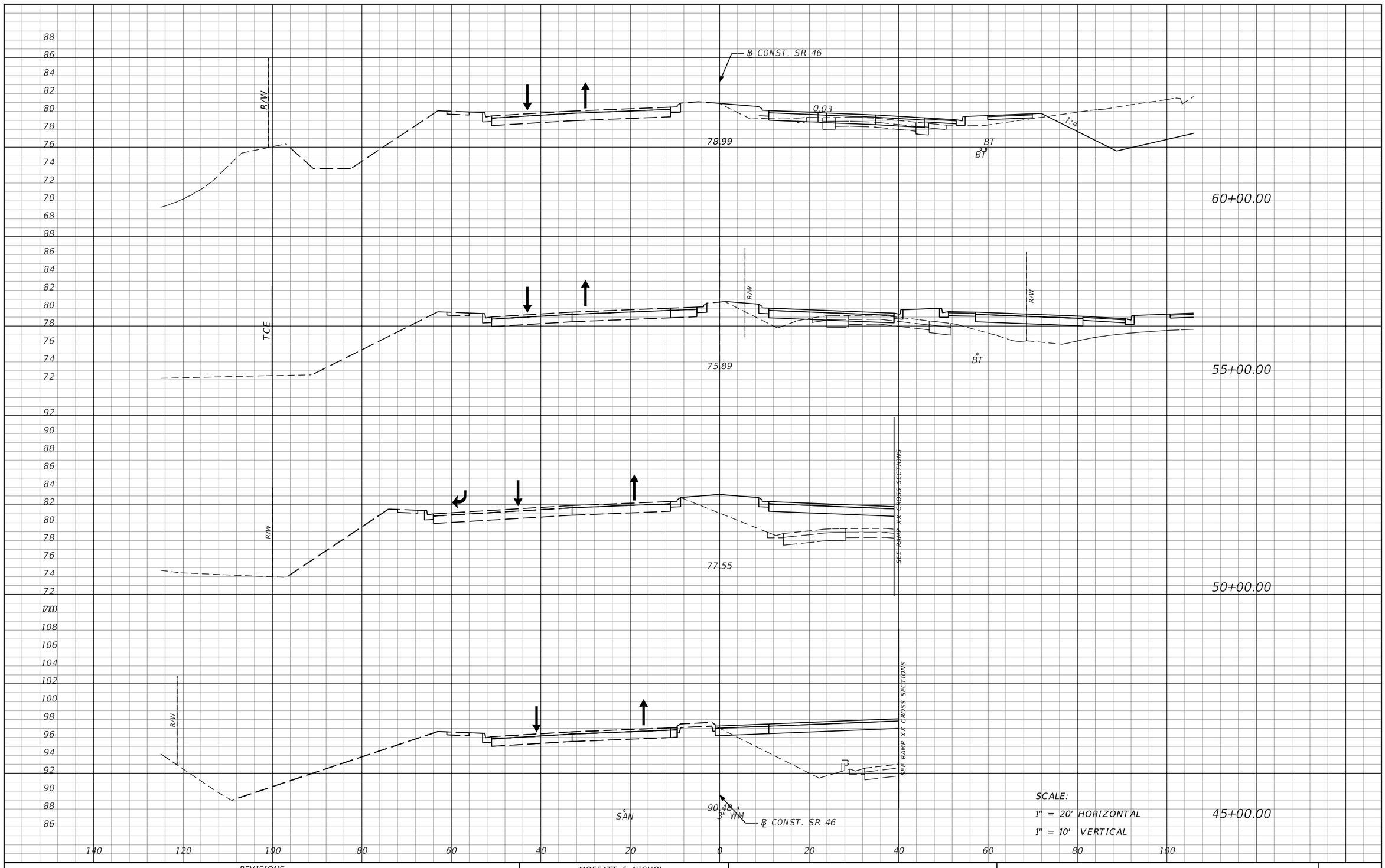
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TTC CROSS SECTIONS
PHASE 2 - SR 46

SHEET NO. 534

jcapra 3/28/2016 10:23:59 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\RDXSRD014tcp.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

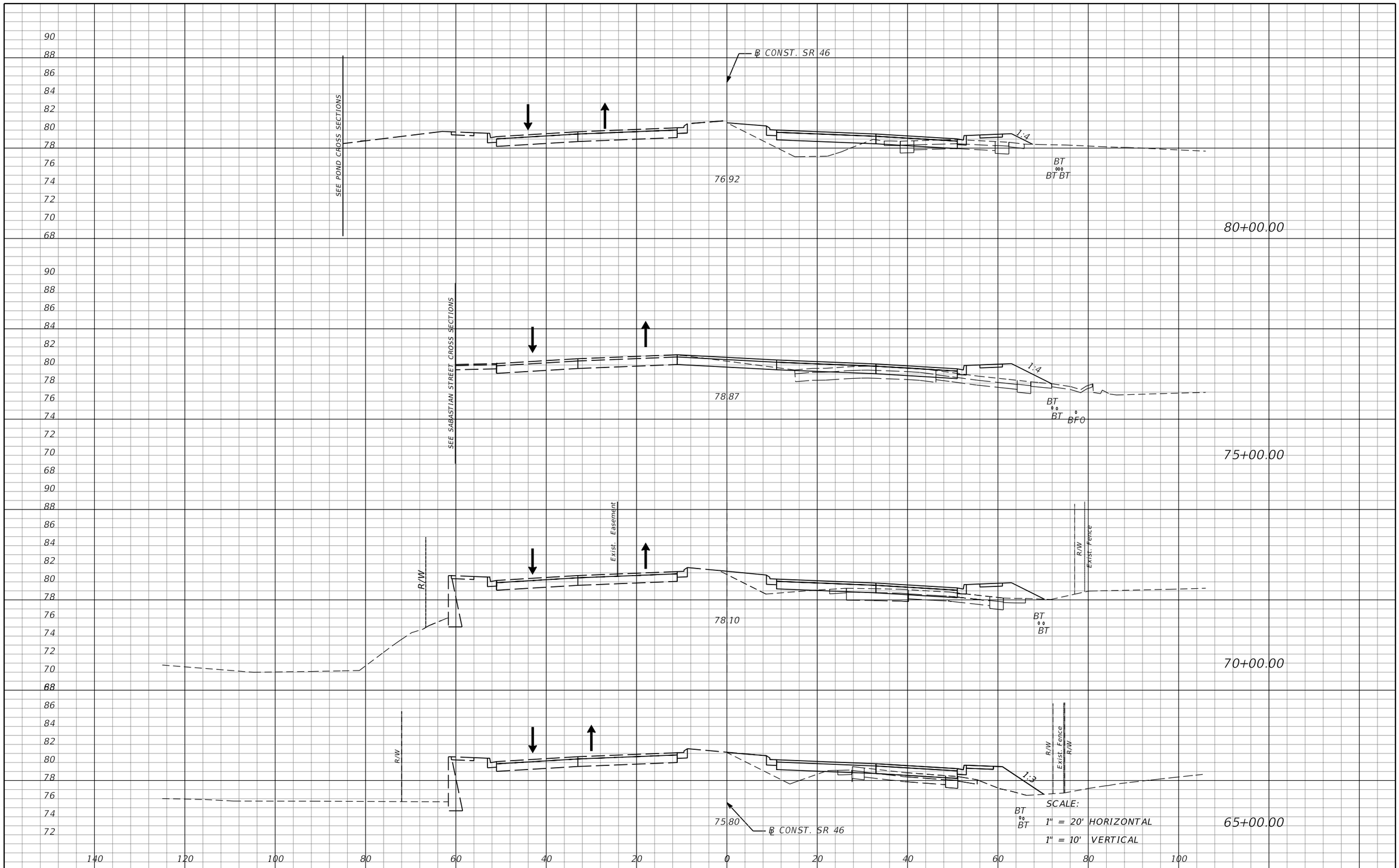
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TTC CROSS SECTIONS
PHASE 2 - SR 46

SHEET NO. 535

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

jcapra 3/28/2016 10:24:00 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\RDXSRD014tcp.dgn



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

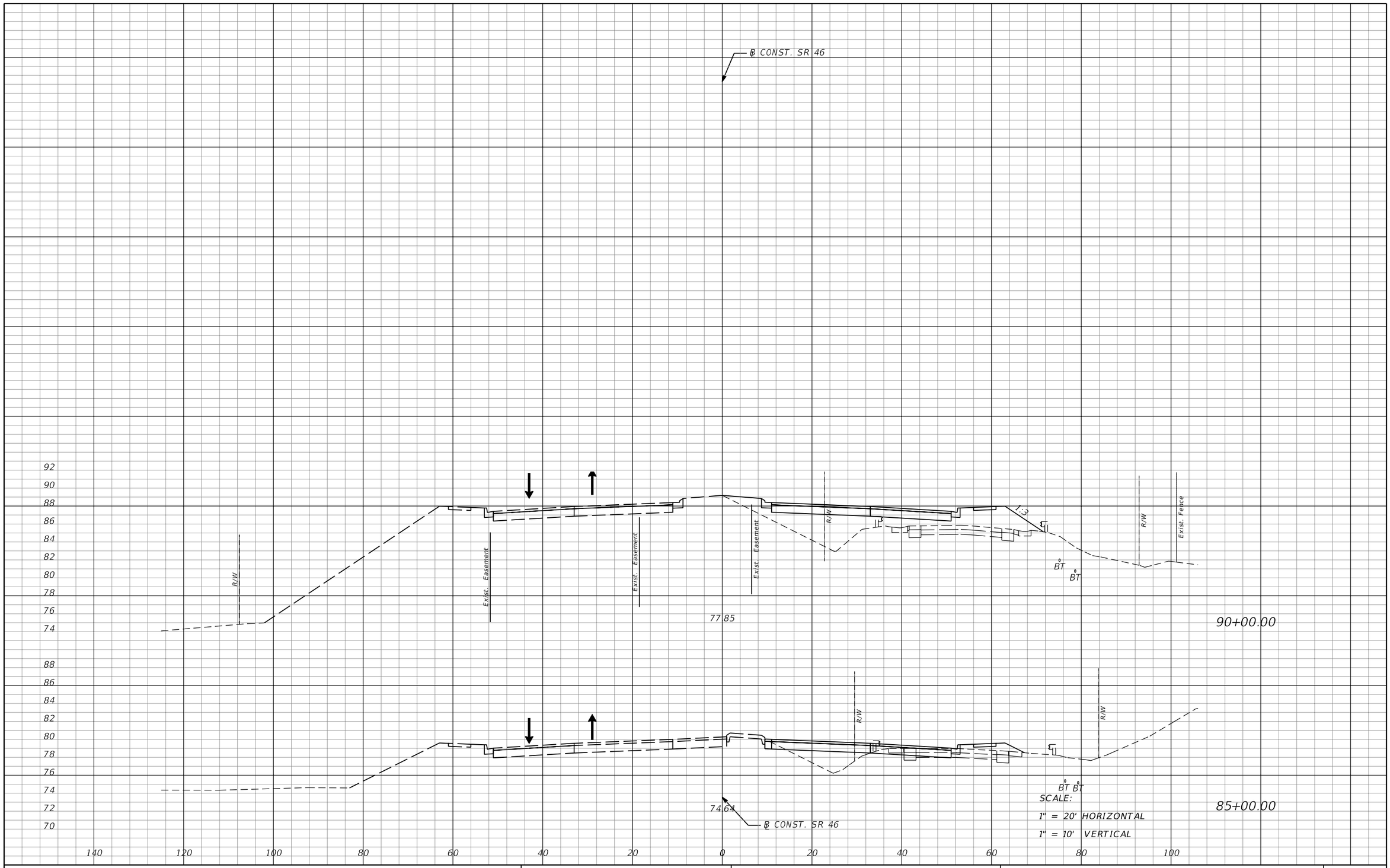
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TTC CROSS SECTIONS
PHASE 2 - SR 46

SHEET NO. 536

jcapra 3/28/2016 10:24:00 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\RDXSRD014tcp.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

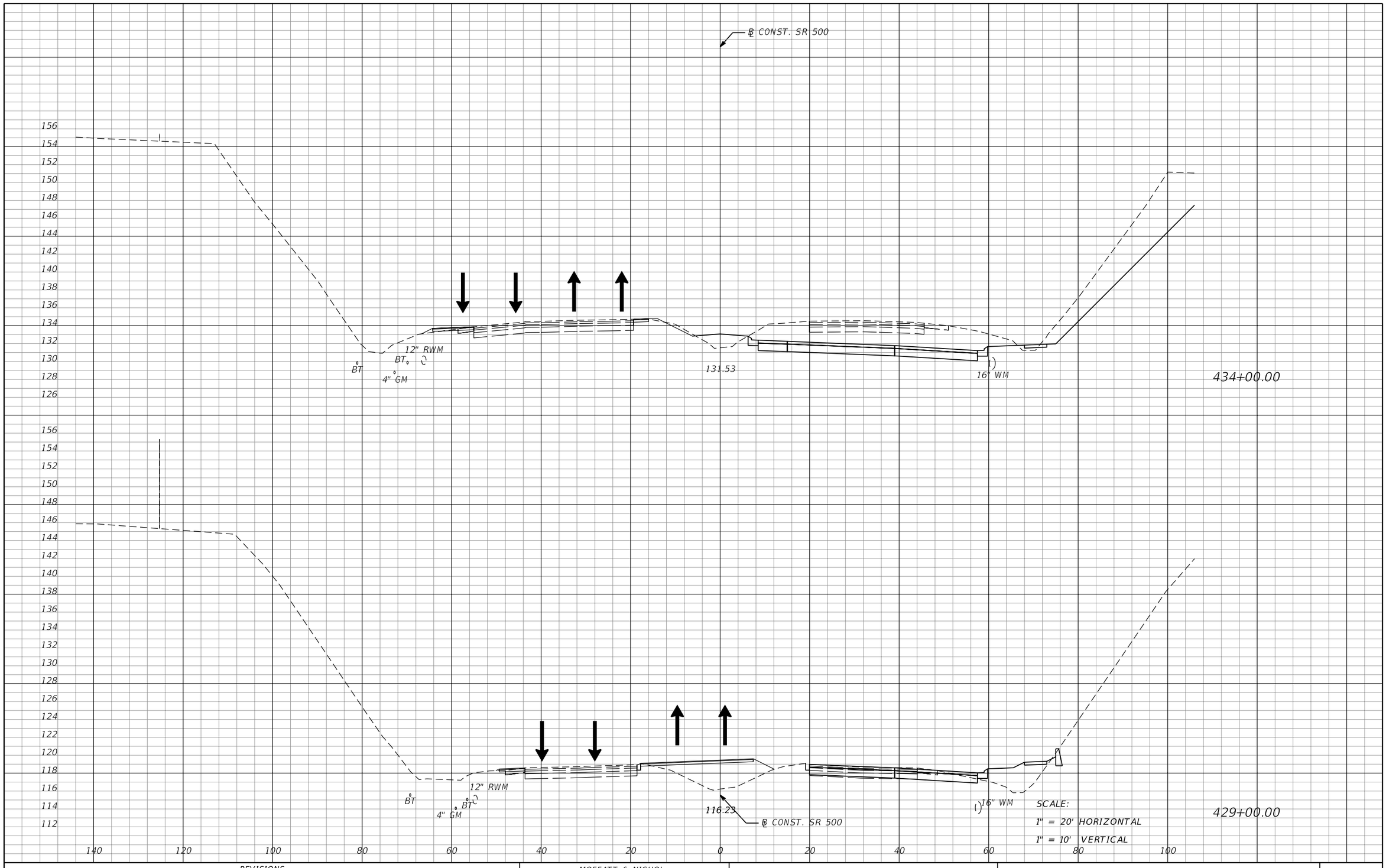
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TTC CROSS SECTIONS
PHASE 2 - SR 46

SHEET NO. 537

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

jcapra 3/28/2016 10:24:01 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\RDXSRD014tcp.dgn



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

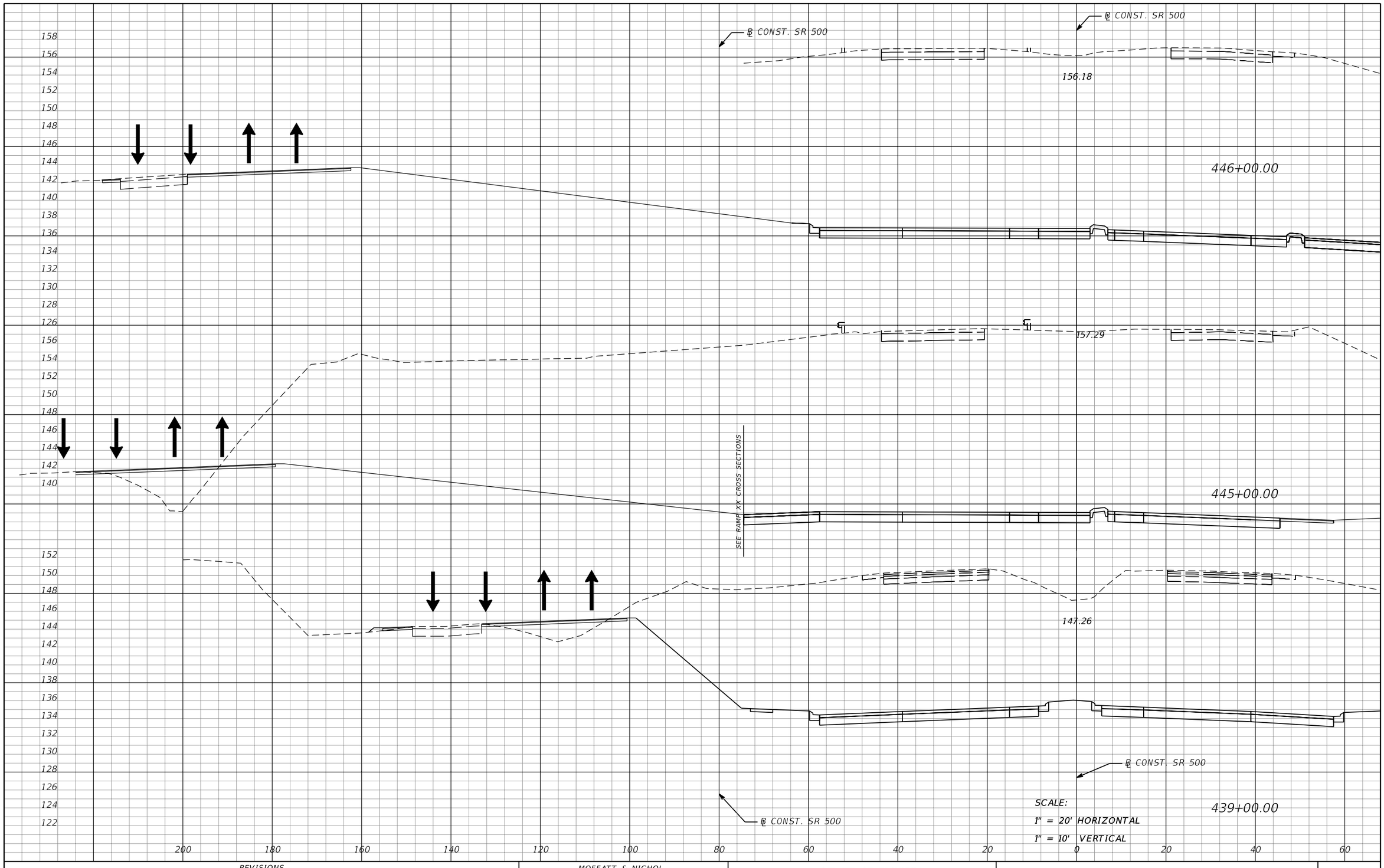
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TTC CROSS SECTIONS
PHASE 1 - SR 500

SHEET NO. 538

jcapra 3/28/2016 10:24:03 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\RDXSRD02ttcp.dgn



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

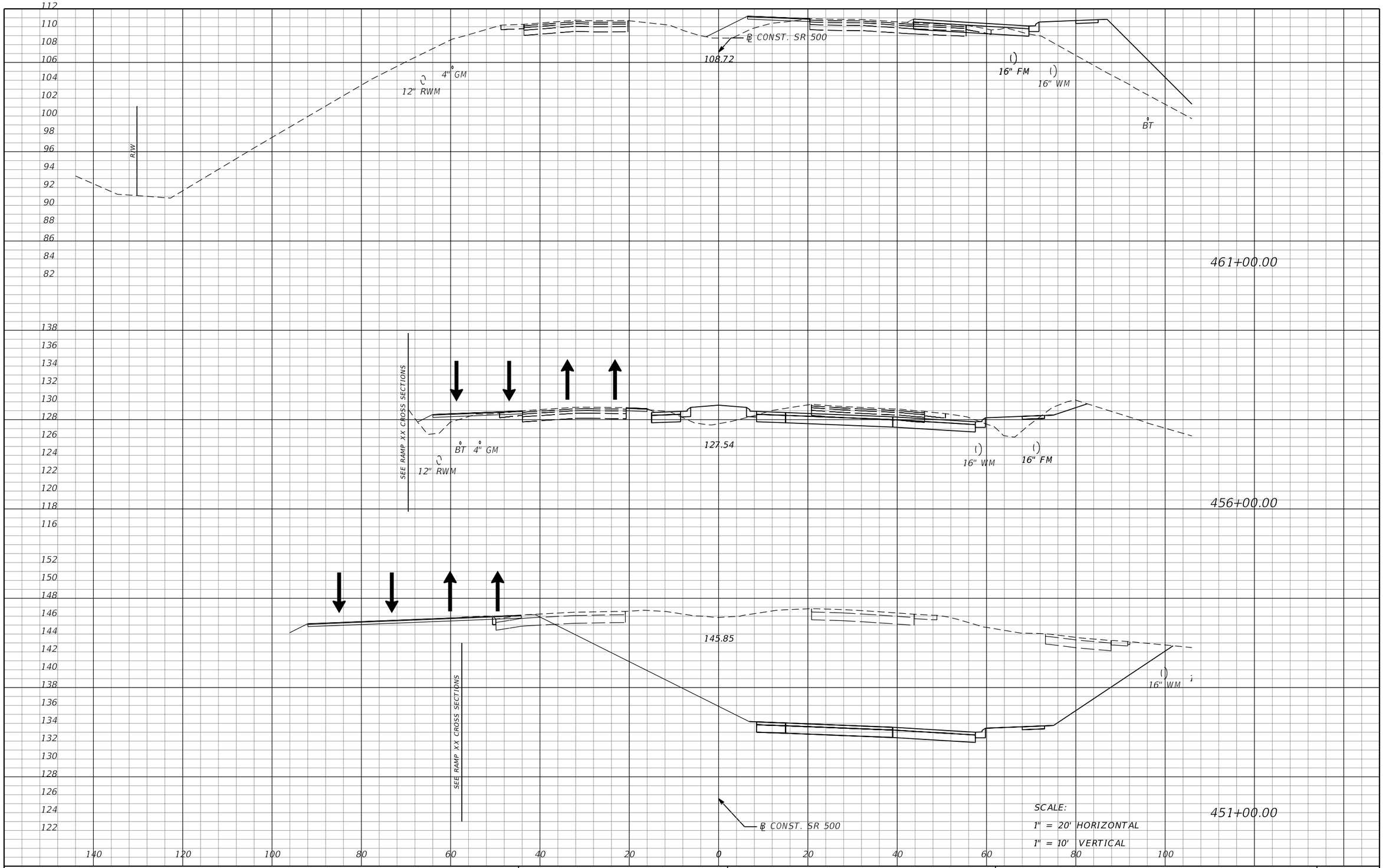
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TTC CROSS SECTIONS
PHASE 1 - SR 500

SHEET NO. 539

jcapra 3/28/2016 10:24:03 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\RDXSRD02tcp.dgn



SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

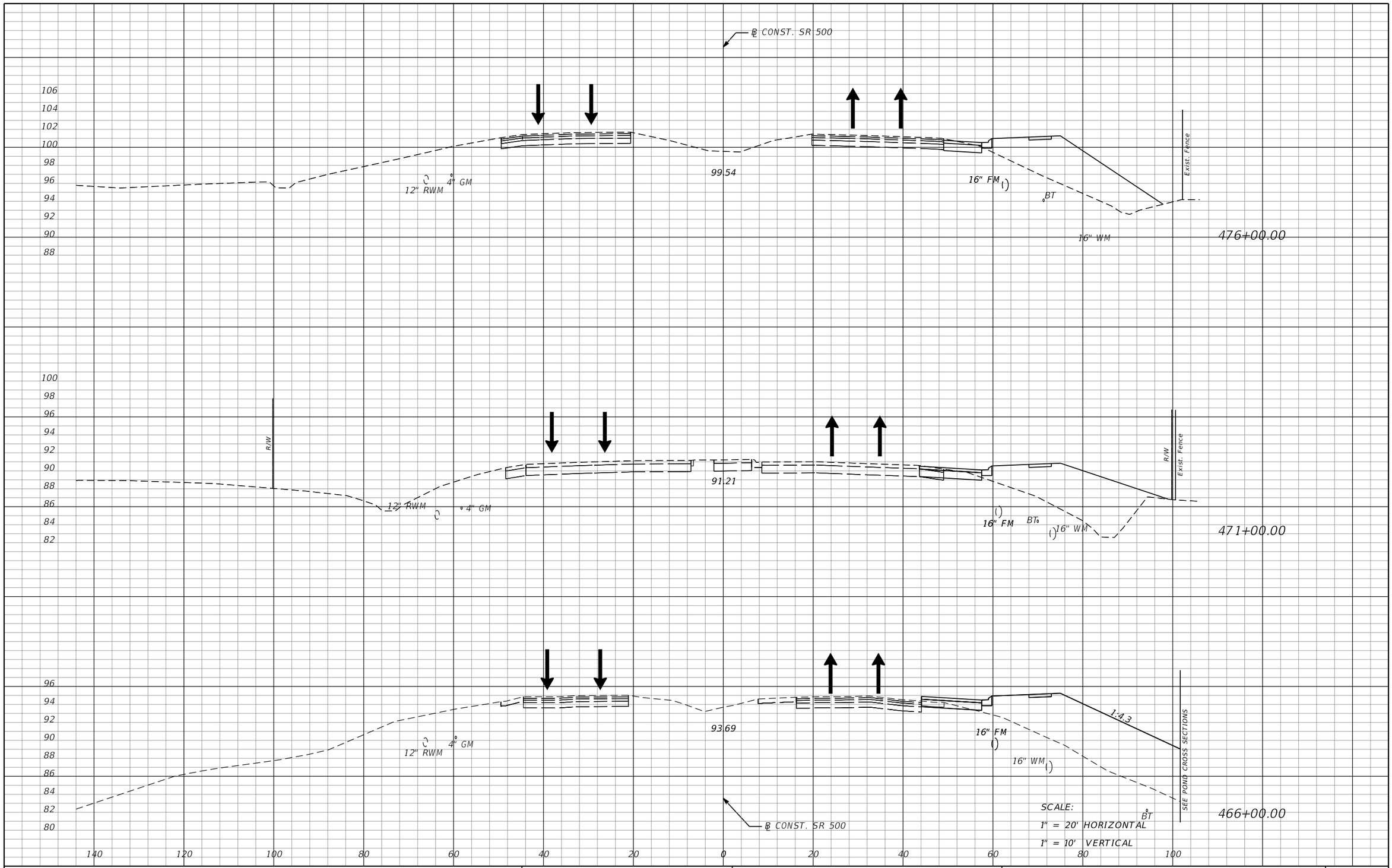
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TTC CROSS SECTIONS
PHASE 1 - SR 500

SHEET NO. 540

jcapra 3/28/2016 10:24:04 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\RDXSRD02tcp.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

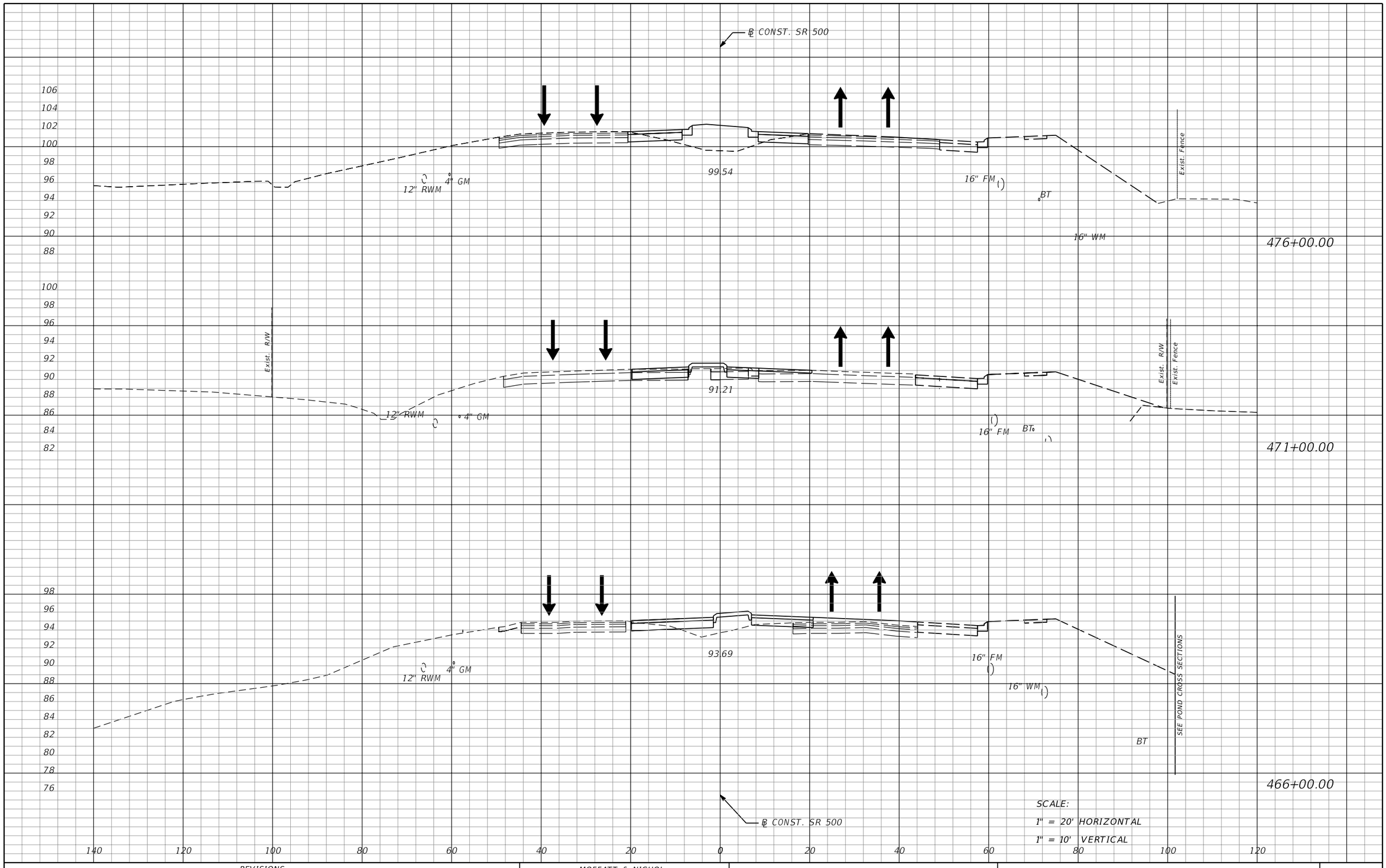
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TTC CROSS SECTIONS
PHASE 1 - SR 500

SHEET NO. 541

jcapra 3/28/2016 10:24:04 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\RDXSRD02tcp.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

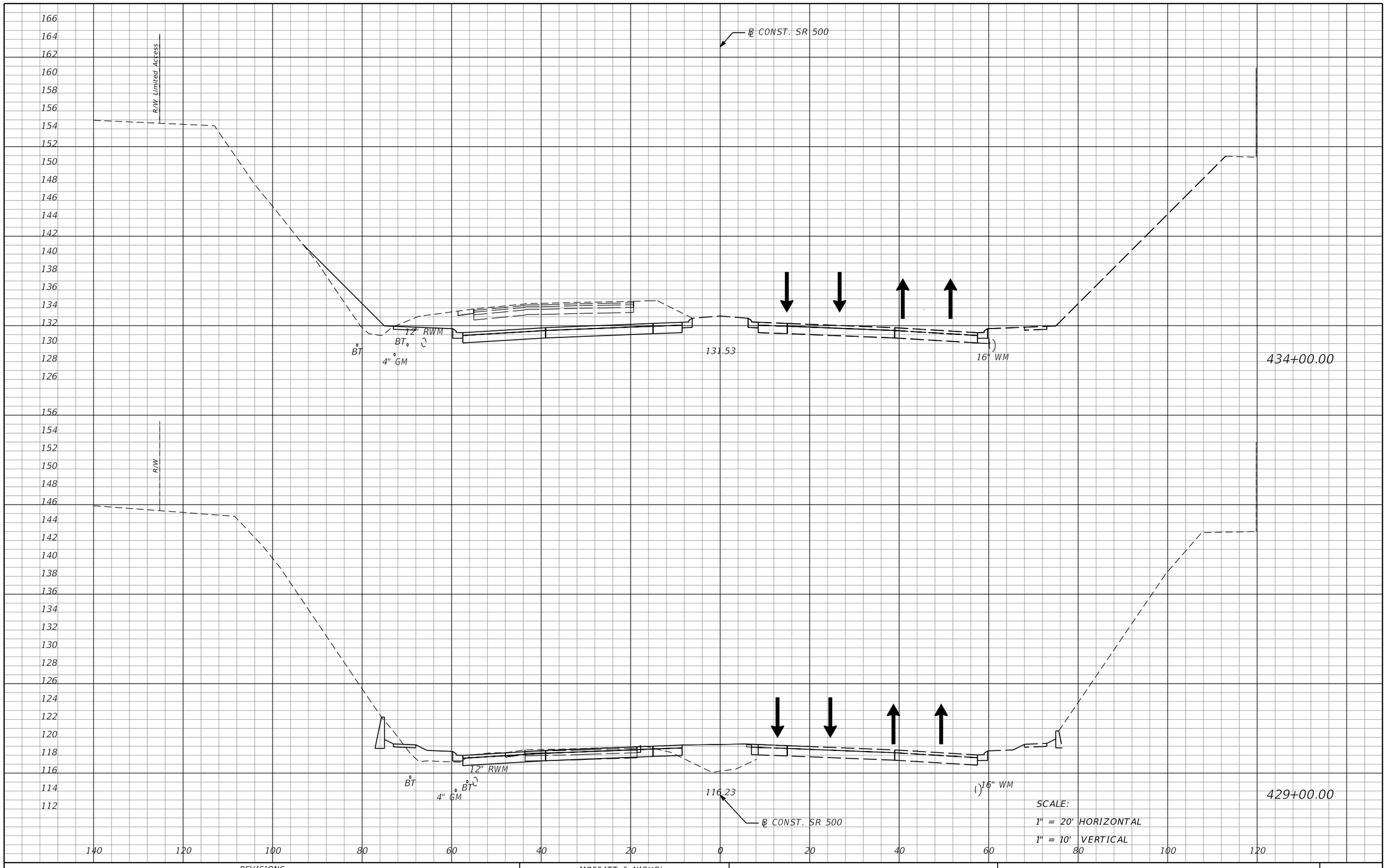
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TTC CROSS SECTIONS
PHASE 2A - SR 500

SHEET NO. 542

jcapra 3/28/2016 10:24:07 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\rdxsrd022btcp.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

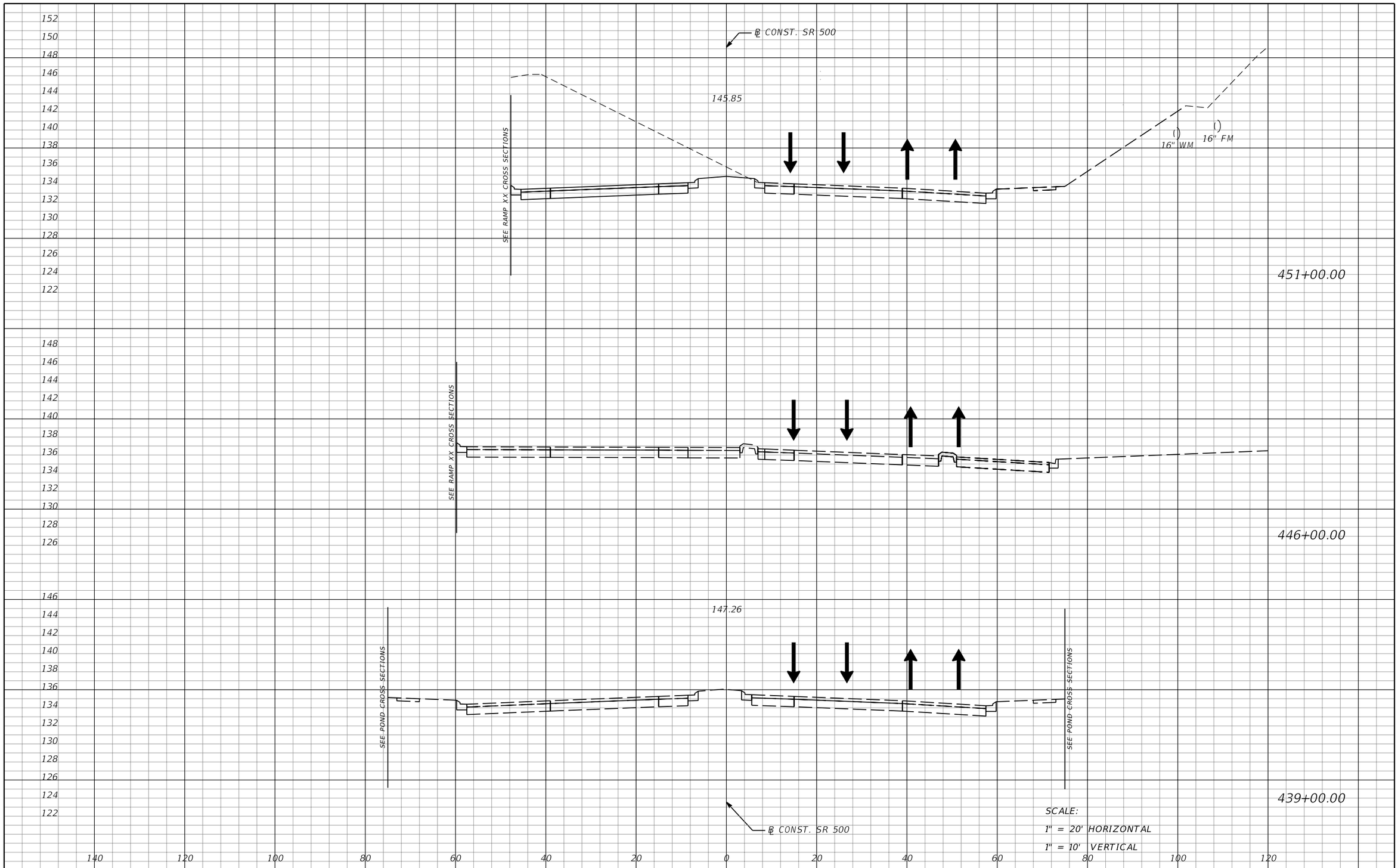
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TTC CROSS SECTIONS
PHASE 2 - SR 500

SHEET NO. 543

jcapra 3/28/2016 10:24:10 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\rdxsrd022tcp.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

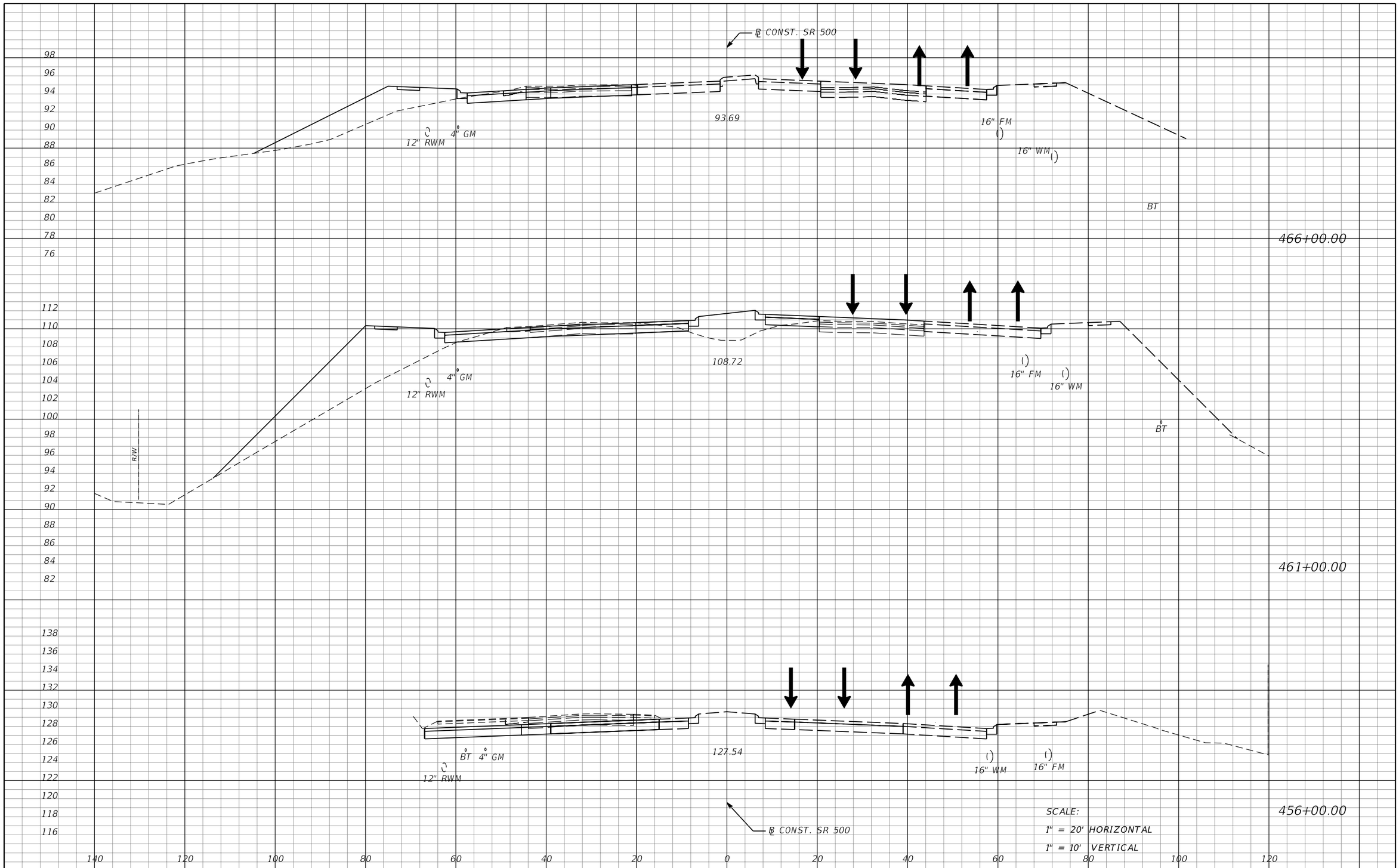
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TTC CROSS SECTIONS
PHASE 2 - SR 500

SHEET NO. 544

jcapra 3/28/2016 10:24:11 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\rdxsrd022tcp.dgn



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

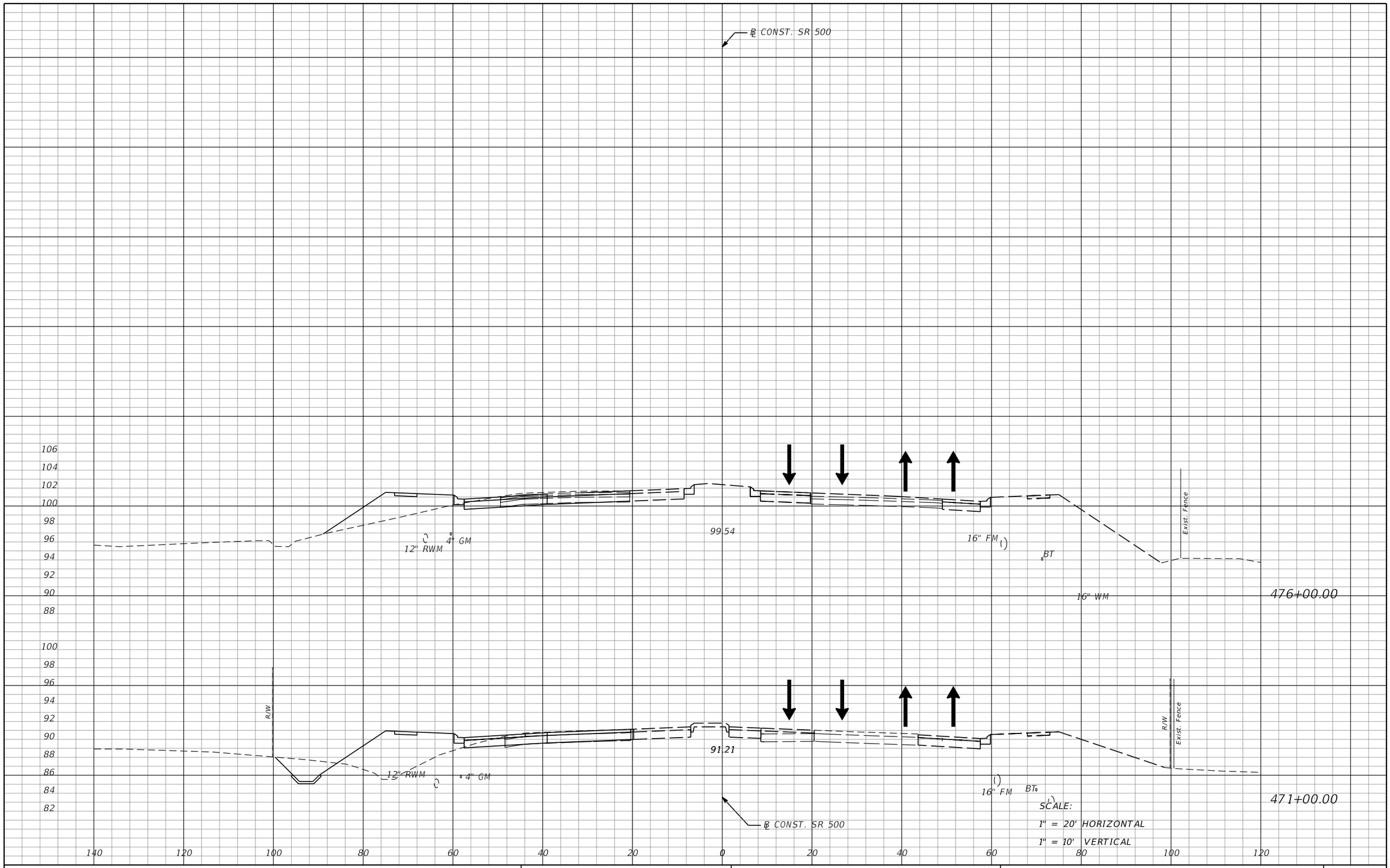
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TTC CROSS SECTIONS
PHASE 2 - SR 500

SHEET NO. 545

jcapra 3/28/2016 10:24:11 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\rdxsrd022tcp.dgn



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

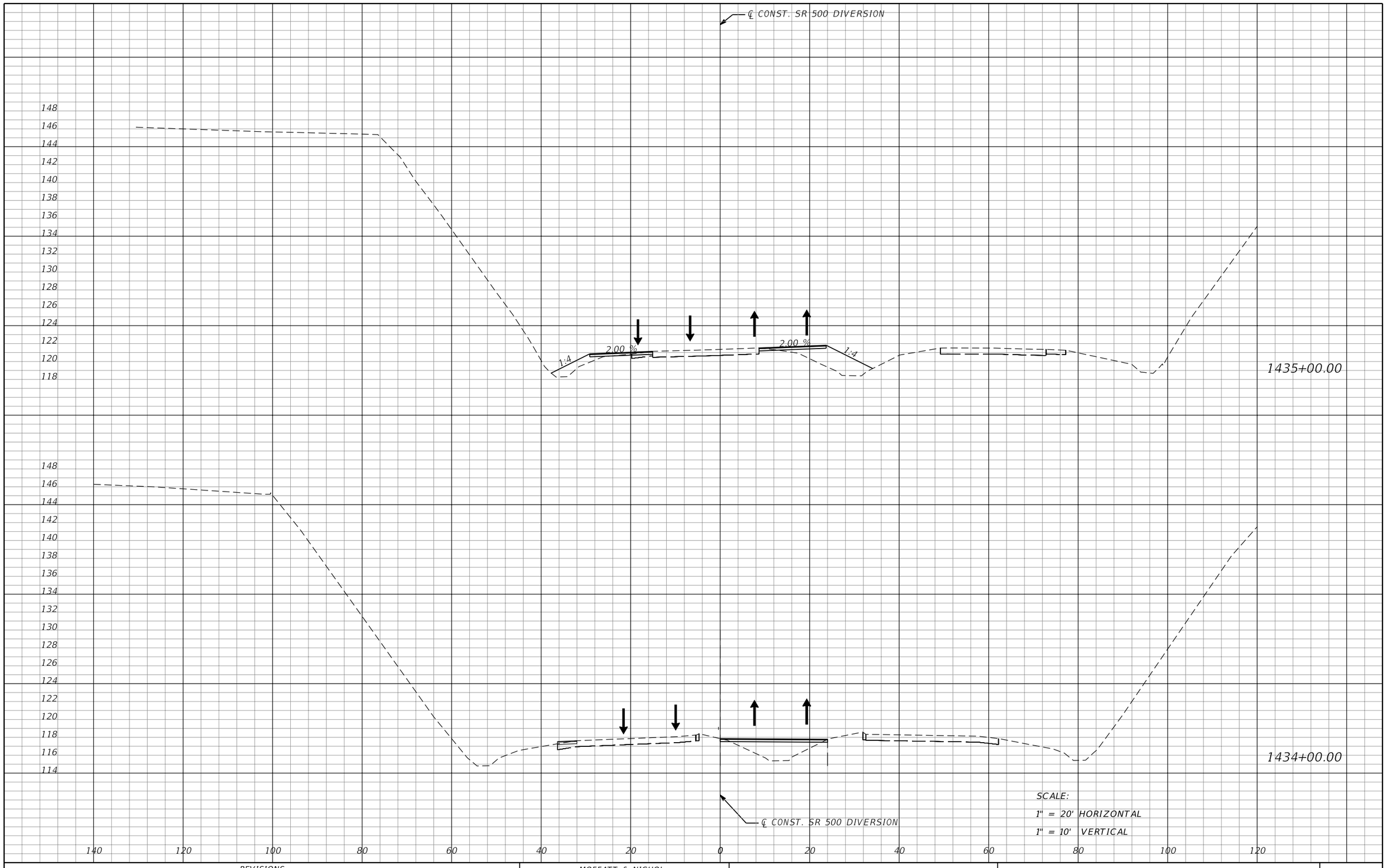
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TTC CROSS SECTIONS
PHASE 2 - SR 500

SHEET NO. 546



SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TTC CROSS SECTIONS
SR 500 TEMP.DIVERSION

SHEET NO. 547

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

jcapra 3/28/2016 10:24:14 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\rdxsrd03tcp.dgn

℄ CONST. SR 500 DIVERSION

150
148
146
144
142
140
138
136
134
132
130
128
126
124

2.00 %
1:4
2.00 %
1:4

1437+00.00

148
146
144
142
140
138
136
134
132
130
128
126
124
122
120

2.00 %
1:4
2.00 %
1:4

1436+00.00

℄ CONST. SR 500 DIVERSION

140 120 100 80 60 40 20 0 20 40 60 80 100 120

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

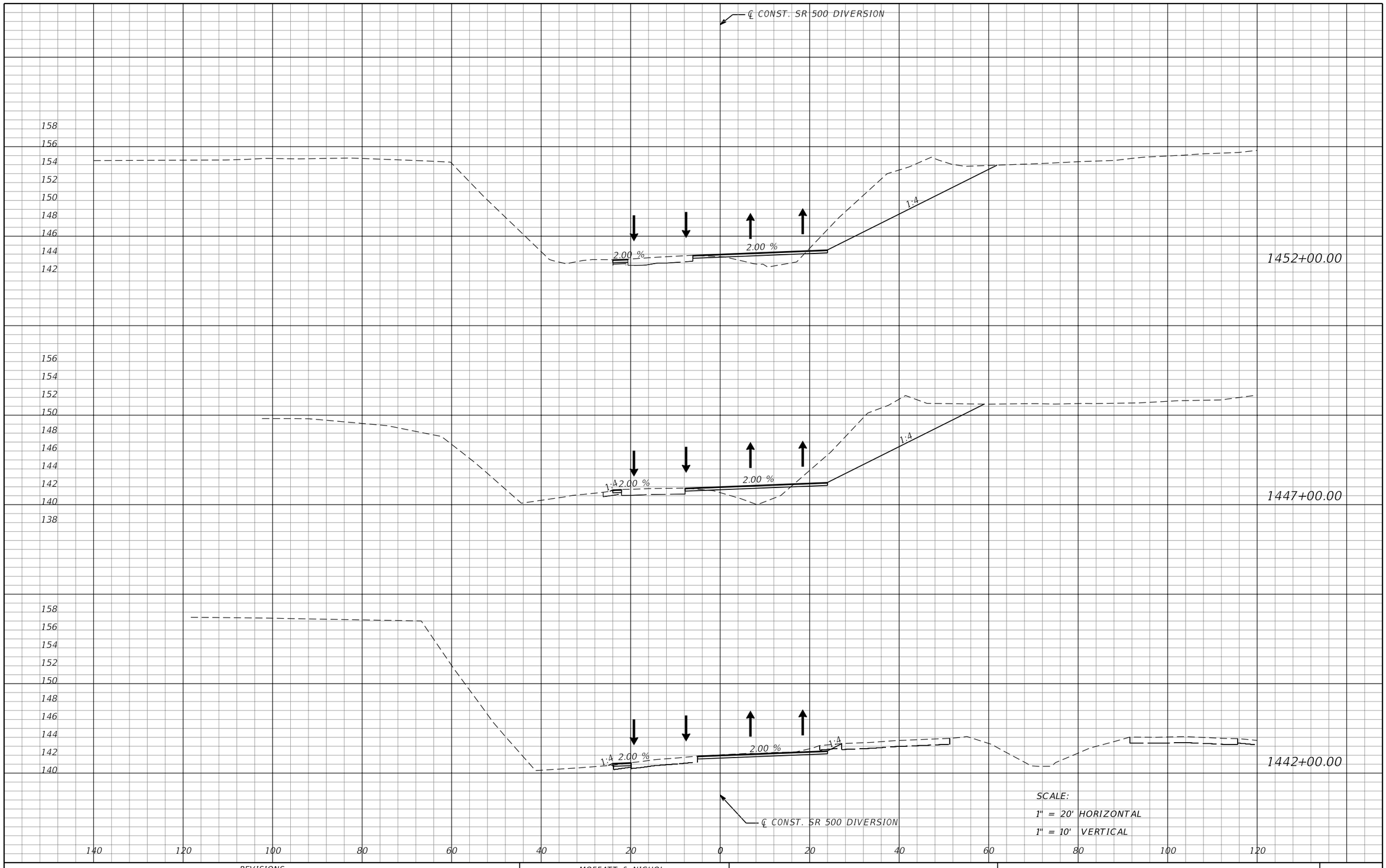
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TTC CROSS SECTIONS
SR 500 TEMP.DIVERSION

SHEET NO. 548

jcapra 3/28/2016 10:24:15 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\rdxsrd03tcp.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

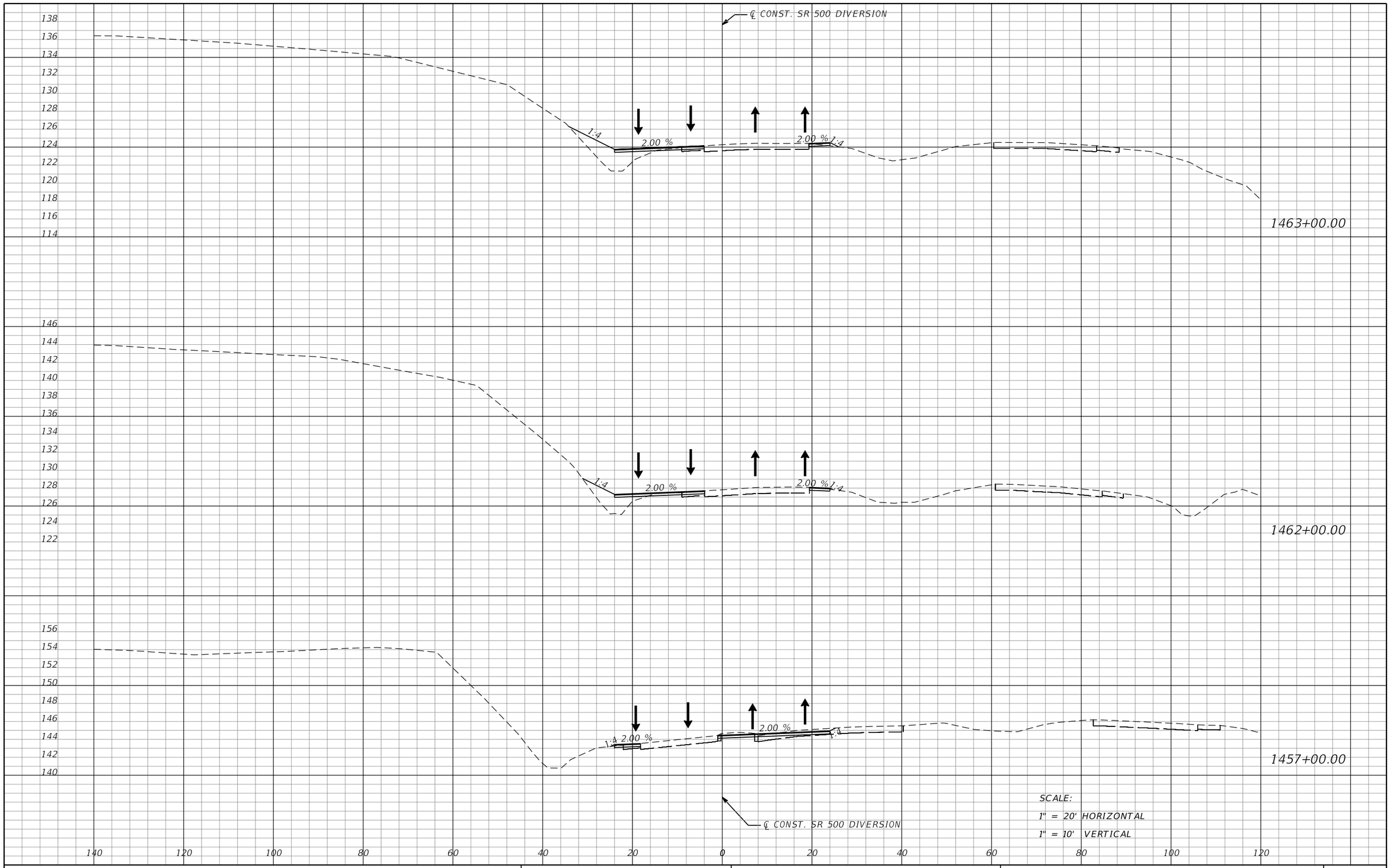
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TTC CROSS SECTIONS
SR 500 TEMP.DIVERSION

SHEET NO. 549

jcapra 3/28/2016 10:24:15 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\rdxsrd03tcp.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

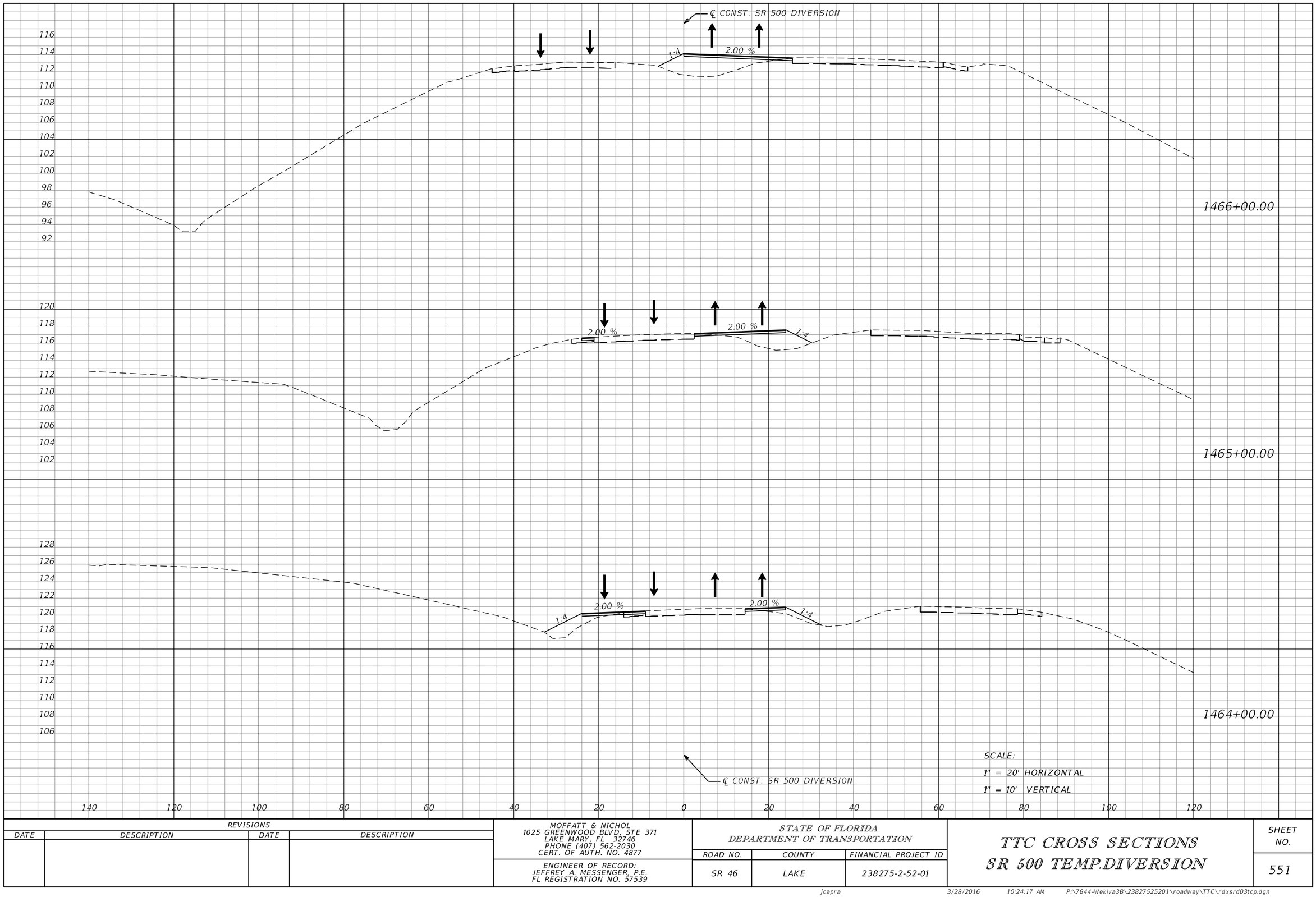
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TTC CROSS SECTIONS
SR 500 TEMP.DIVERSION

SHEET NO. 550

jcapra 3/28/2016 10:24:16 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\rdxsrd03tcp.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

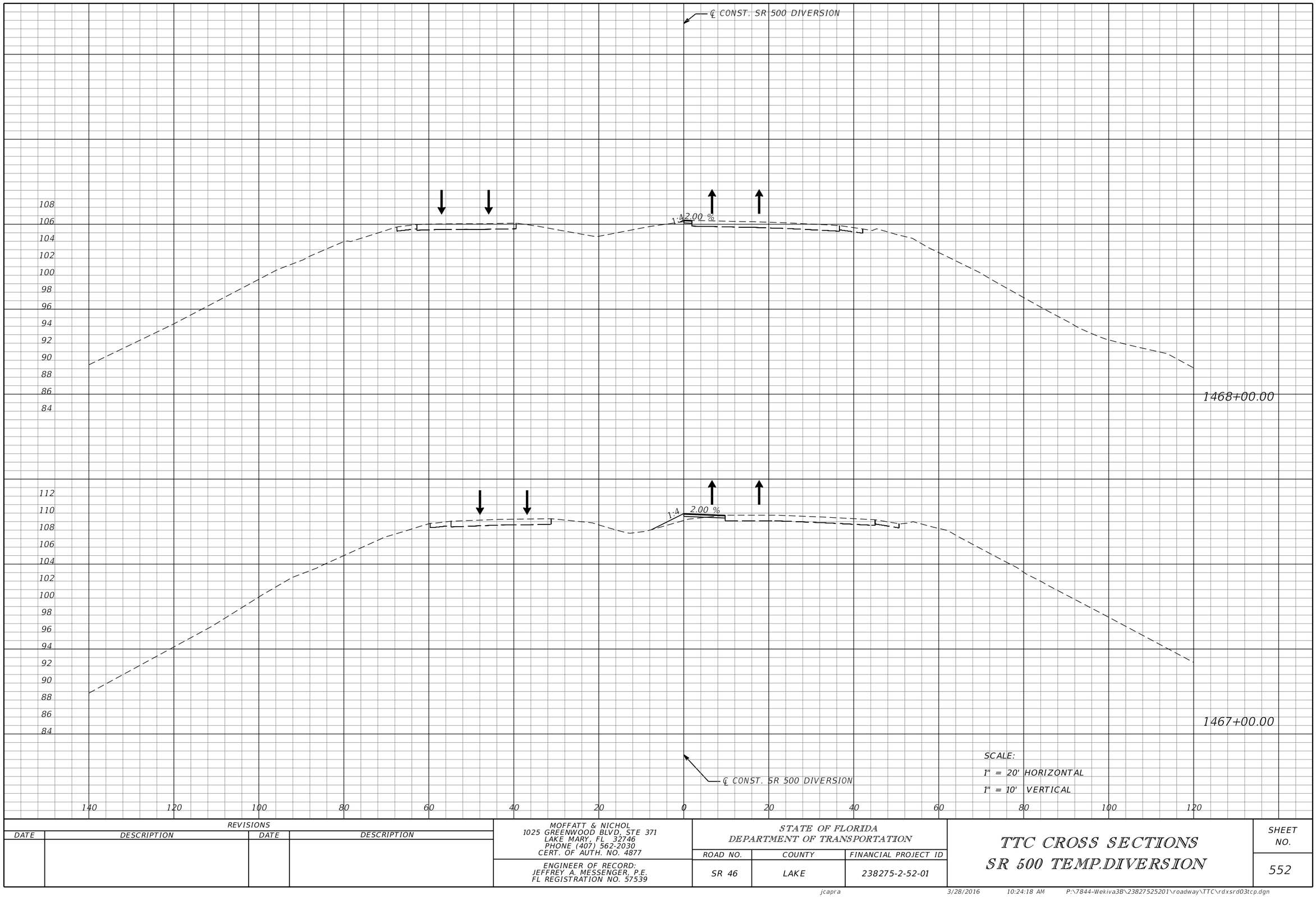
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TTC CROSS SECTIONS
SR 500 TEMP.DIVERSION

SHEET NO. 551

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

jcapra 3/28/2016 10:24:17 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\rdxsrd03tcp.dgn



SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

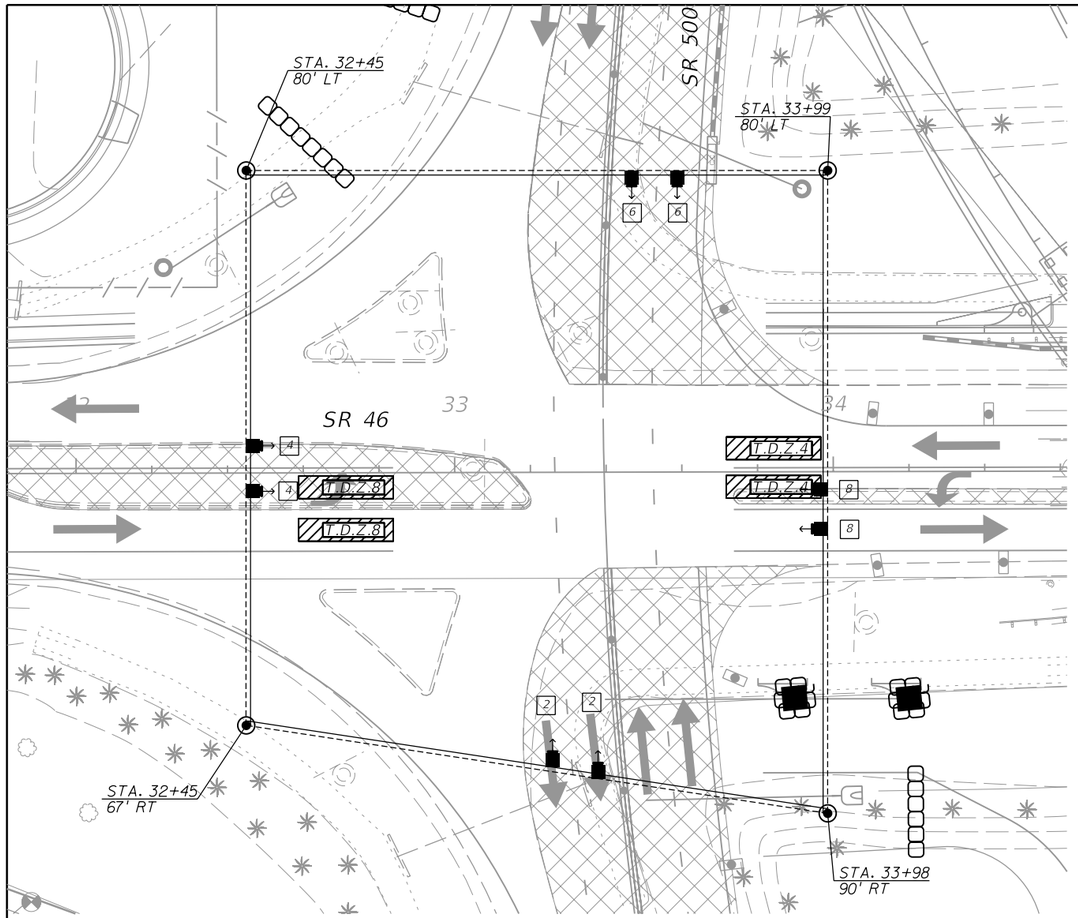
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TTC CROSS SECTIONS
SR 500 TEMP.DIVERSION

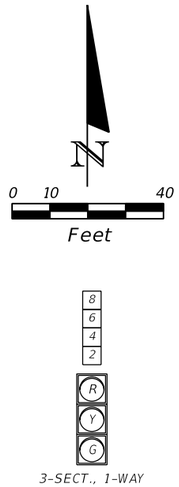
SHEET NO. 552

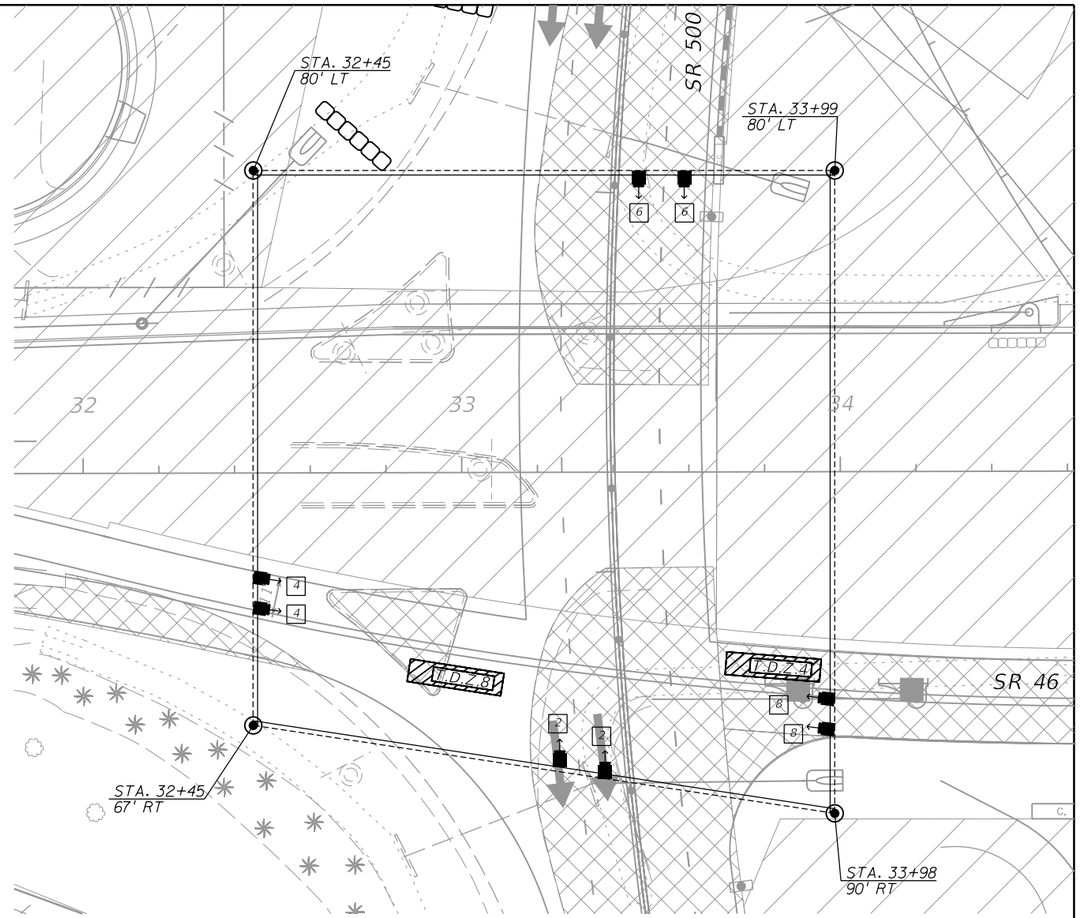
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

jcapra 3/28/2016 10:24:18 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\rdxsrd03tcp.dgn



PHASE 1 SIGNAL HEAD CONFIGURATION





PHASE 1A SIGNAL HEAD CONFIGURATION

GENERAL NOTES AND CONTROLLER OPERATION NOTES:

1. THE CONTRACTOR SHALL CONTACT THE LOCAL ELECTRIC UTILITY (CITY OF MOUNT DORA) FOR ELECTRICAL SERVICE.
2. SIGNAL HEADS ARE TO BE ADJUSTED ACCORDING TO LANE ALIGNMENT.
3. APPROPRIATE DETECTION METHOD SHALL BE MAINTAINED AT ALL TIMES. ALL LOOP DETECTORS/DIGITAL DETECTION ZONES SHALL BE 6' X 25' LOCATED 2' UPSTREAM OF THE STOP BAR.
4. DURING TEMPORARY SIGNAL CONFIGURATION, THE TEMPORARY CONTROLLER SHALL RUN IN FREE OPERATION, UNLESS OTHERWISE NOTED BUT THE ENGINEER.
5. MAJOR STREET IS SR 500, MOVEMENTS 2 AND 6.
   MINOR STREET IS SR 46, MOVEMENTS 4 AND 8.

LEGEND:

T.D.Z. = TEMPORARY DETECTION ZONE (AS OUTLINED IN SPECIFICATION SECTION 102-9.13)

CONTROLLER TIMINGS					
TIMING FUNCTION					
MOVEMENT NUMBER		2	4	6	8
TIMING FUNCTION	MINIMUM GREEN	16	6	16	6
	EXTENSION	3.0	3.0	3.0	3.0
	MAXIMUM GREEN 1	50	41	50	42
	MAXIMUM GREEN 2				
	YELLOW CLEARANCE	5.1	4.8	5.1	4.8
	ALL RED	2.7	3.4	2.7	3.4
	PEDESTRIAN WALK				
	PED. CLEARANCE				
	RECALL	MIN		MIN	

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

SCOTT G. HORLANDER, P.E.
P.E. NO. 46624
PROTEAN DESIGN GROUP
100 EAST PINE STREET, SUITE 600
ORLANDO FLORIDA 32801
CERTIFICATE OF AUTHORIZATION NUMBER 7865

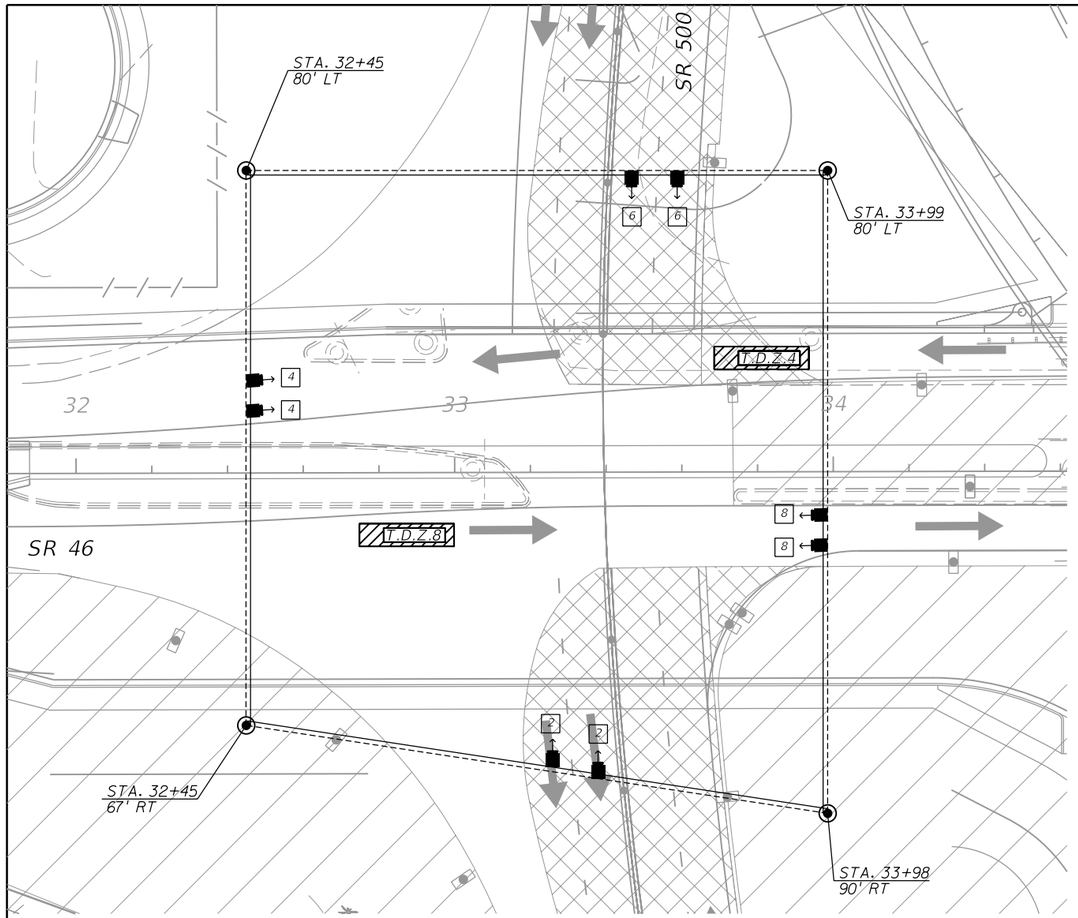
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

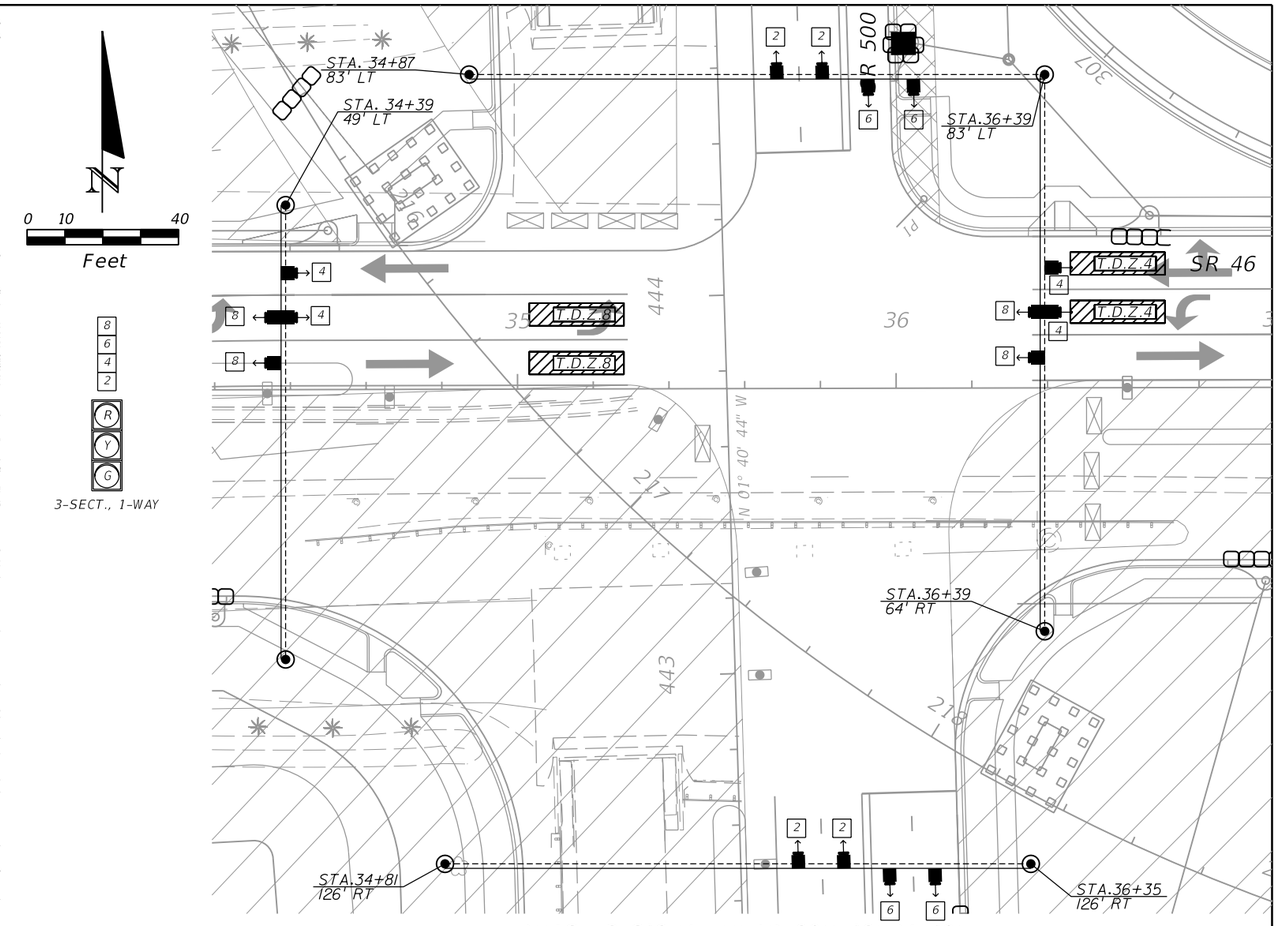
TEMP. TRAFFIC CONTROL TEMPORARY SIGNALIZATION

SHEET NO. 553

jcapra 3/28/2016 10:24:21 AM P:\7844-Wekiva3B\23827525201\signals\ssdtsg01.dgn



PHASE 2A SIGNAL HEAD CONFIGURATION



PHASE 2 SIGNAL HEAD CONFIGURATION

GENERAL NOTES AND CONTROLLER OPERATION NOTES:

1. THE CONTRACTOR SHALL CONTACT THE LOCAL ELECTRIC UTILITY (CITY OF MOUNT DORA) FOR ELECTRICAL SERVICE.
2. SIGNAL HEADS ARE TO BE ADJUSTED ACCORDING TO LANE ALIGNMENT.
3. APPROPRIATE DETECTION METHOD SHALL BE MAINTAINED AT ALL TIMES. ALL LOOP DETECTORS/DIGITAL DETECTION ZONES SHALL BE 6' X 25' LOCATED 2' UPSTREAM OF THE STOP BAR.
4. DURING TEMPORARY SIGNAL CONFIGURATION, THE TEMPORARY CONTROLLER SHALL RUN IN FREE OPERATION, UNLESS OTHERWISE NOTED BUT THE ENGINEER.
5. MAJOR STREET IS SR 500, MOVEMENTS 2 AND 6.
   MINOR STREET IS SR 46, MOVEMENTS 4 AND 8.

LEGEND:

T.D.Z. = TEMPORARY DETECTION ZONE (AS OUTLINED IN SPECIFICATION SECTION 102-9.13)

CONTROLLER TIMINGS

TIMING FUNCTION					
MOVEMENT NUMBER		2	4	6	8
TIMING FUNCTION	MINIMUM GREEN	16	6	16	6
	EXTENSION	3.0	3.0	3.0	3.0
	MAXIMUM GREEN 1	50	41	50	42
	MAXIMUM GREEN 2				
	YELLOW CLEARANCE	5.1	4.8	5.1	4.8
	ALL RED	2.7	3.4	2.7	3.4
	PEDESTRIAN WALK				
	PED. CLEARANCE				
	RECALL	MIN		MIN	

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

SCOTT G. HORLANDER, P.E.
P.E. NO. 46624
PROTEAN DESIGN GROUP
100 EAST PINE STREET, SUITE 600
ORLANDO FLORIDA 32801
CERTIFICATE OF AUTHORIZATION NUMBER 7865

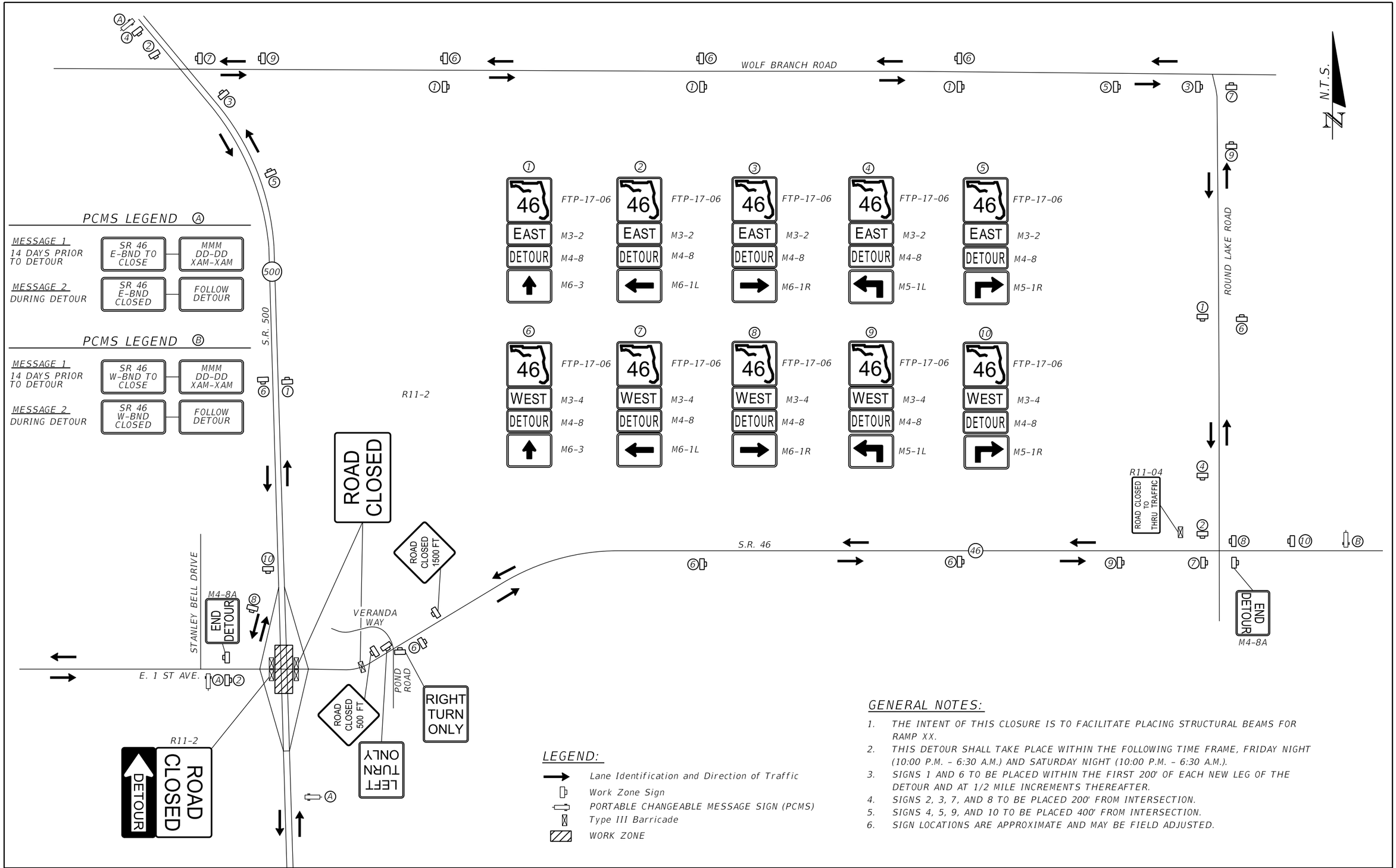
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TEMP. TRAFFIC CONTROL TEMPORARY SIGNALIZATION

SHEET NO. 554

jcapra 3/28/2016 10:24:23 AM P:\7844-Wekiva3B\23827525201\signals\ssdtsg01.dgn



LEGEND:

- Lane Identification and Direction of Traffic
- Work Zone Sign
- PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)
- Type III Barricade
- WORK ZONE

GENERAL NOTES:

1. THE INTENT OF THIS CLOSURE IS TO FACILITATE PLACING STRUCTURAL BEAMS FOR RAMP XX.
2. THIS DETOUR SHALL TAKE PLACE WITHIN THE FOLLOWING TIME FRAME, FRIDAY NIGHT (10:00 P.M. – 6:30 A.M.) AND SATURDAY NIGHT (10:00 P.M. – 6:30 A.M.).
3. SIGNS 1 AND 6 TO BE PLACED WITHIN THE FIRST 200' OF EACH NEW LEG OF THE DETOUR AND AT 1/2 MILE INCREMENTS THEREAFTER.
4. SIGNS 2, 3, 7, AND 8 TO BE PLACED 200' FROM INTERSECTION.
5. SIGNS 4, 5, 9, AND 10 TO BE PLACED 400' FROM INTERSECTION.
6. SIGN LOCATIONS ARE APPROXIMATE AND MAY BE FIELD ADJUSTED.

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

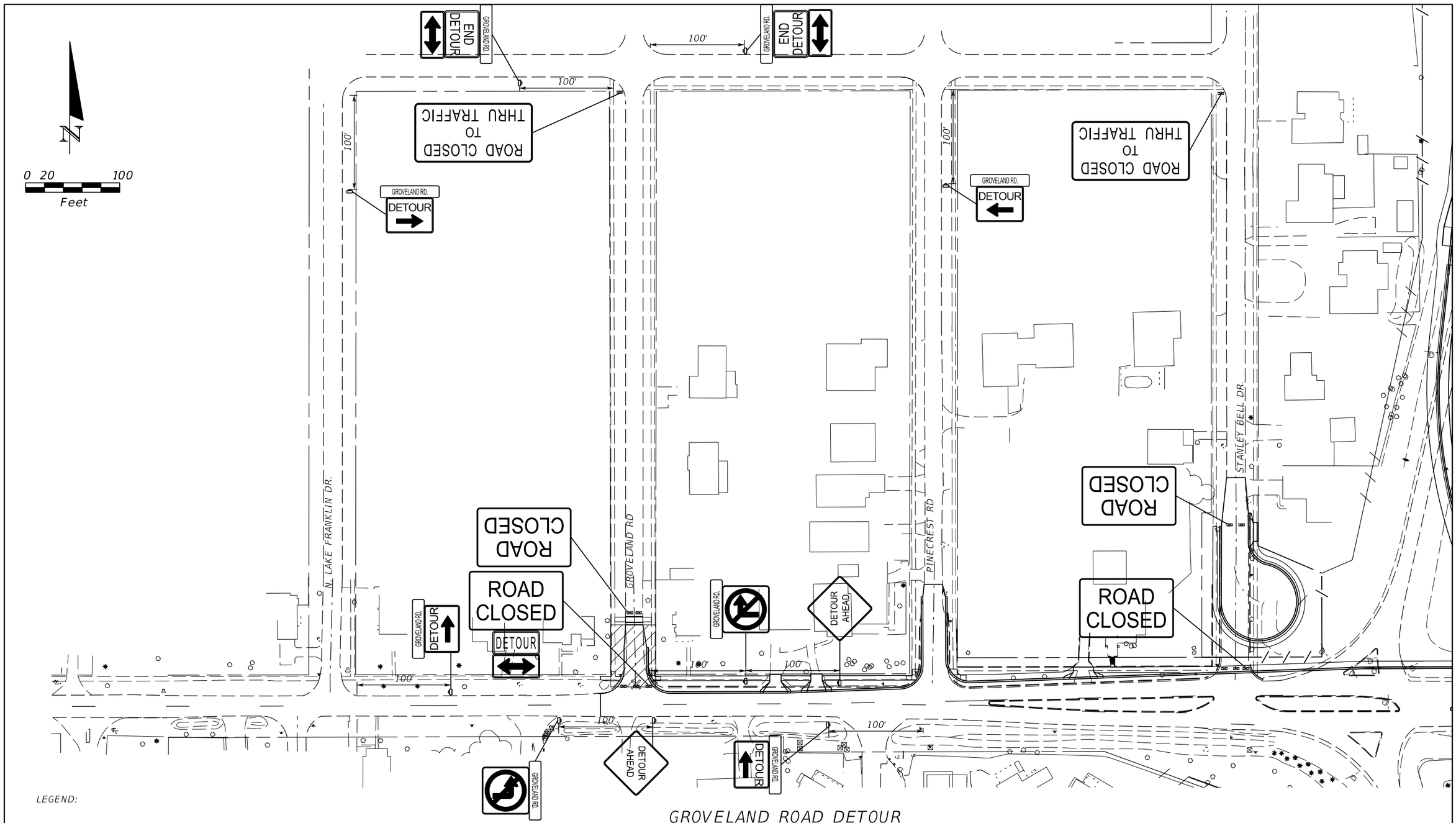
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TEMP. TRAFFIC CONTROL DETOUR PLAN

SHEET NO. 555



LEGEND:

- WORK ZONE
- Type III Barricade
- Work Zone Sign

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

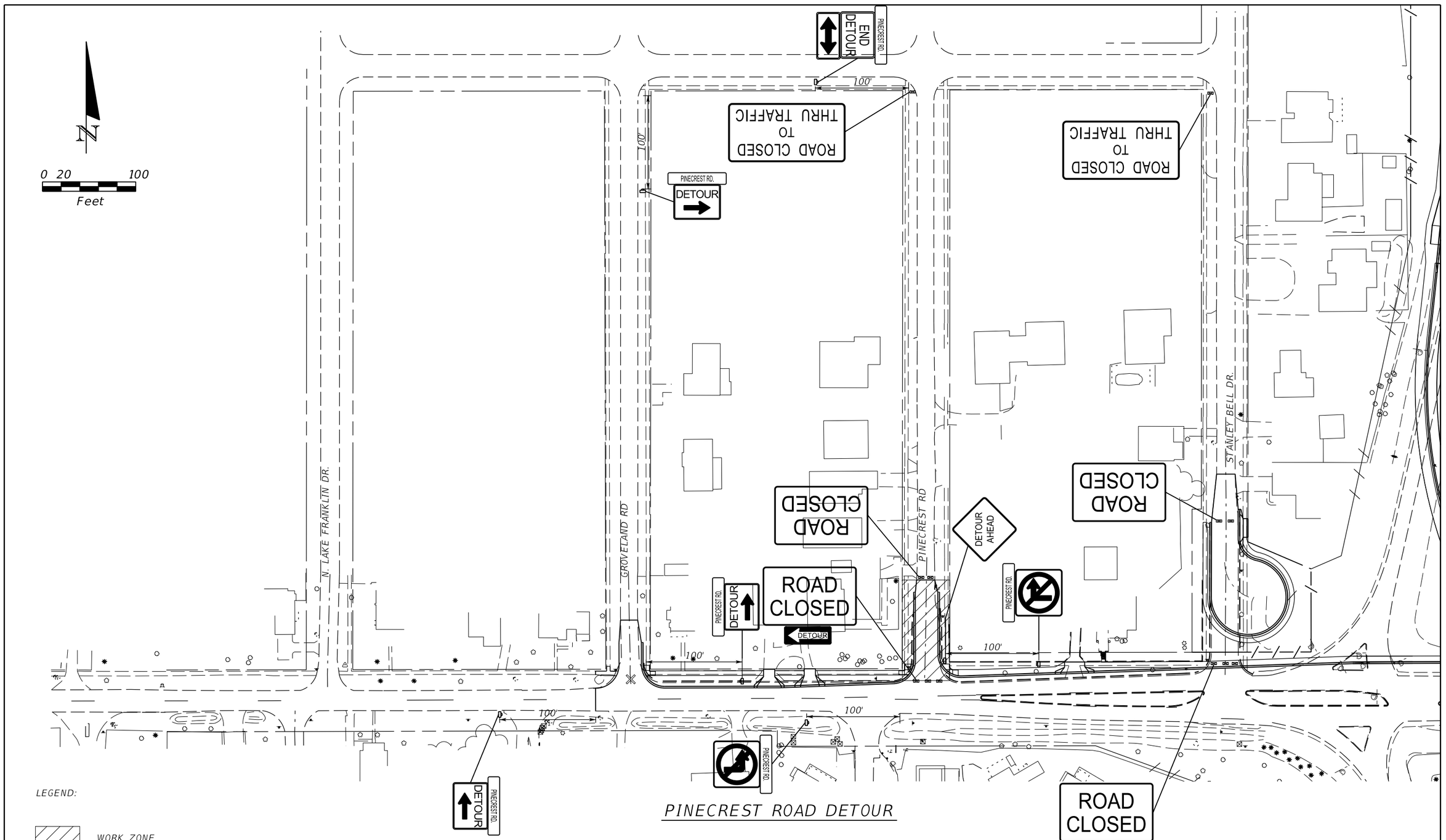
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TEMP. TRAFFIC CONTROL DETOUR DETAIL

SHEET NO. 556

jcapra 3/28/2016 10:24:26 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\tcdtrd06.dgn



PINECREST ROAD DETOUR

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TEMP. TRAFFIC CONTROL DETOUR DETAIL

SHEET NO. 557

jcapra 3/28/2016 10:24:27 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\tcdtrd06.dgn

NOTES:

1. ALL PEDESTRIAN DETOURS TO BE CONSTRUCTED IN SR 46 PHASE 1.
2. CONTRACTOR TO PHASE CONSTRUCTION SO PEDESTRIANS ARE DIVERTED ON TO AN ASPHALT SURFACE.
3. COORDINATE DETOURS SO GROVELAND ROAD AND PINECREST ROAD ARE NOT DETOURED AT THE SAME TIME. THE ORDER MAY BE CHOSEN BY CONTRACTOR.
4. COORDINATE PEDESTRIAN DETOURS WITH ROAD DETOURS.

GROVELAND ROAD PEDESTRIAN DETOUR PHASE 1

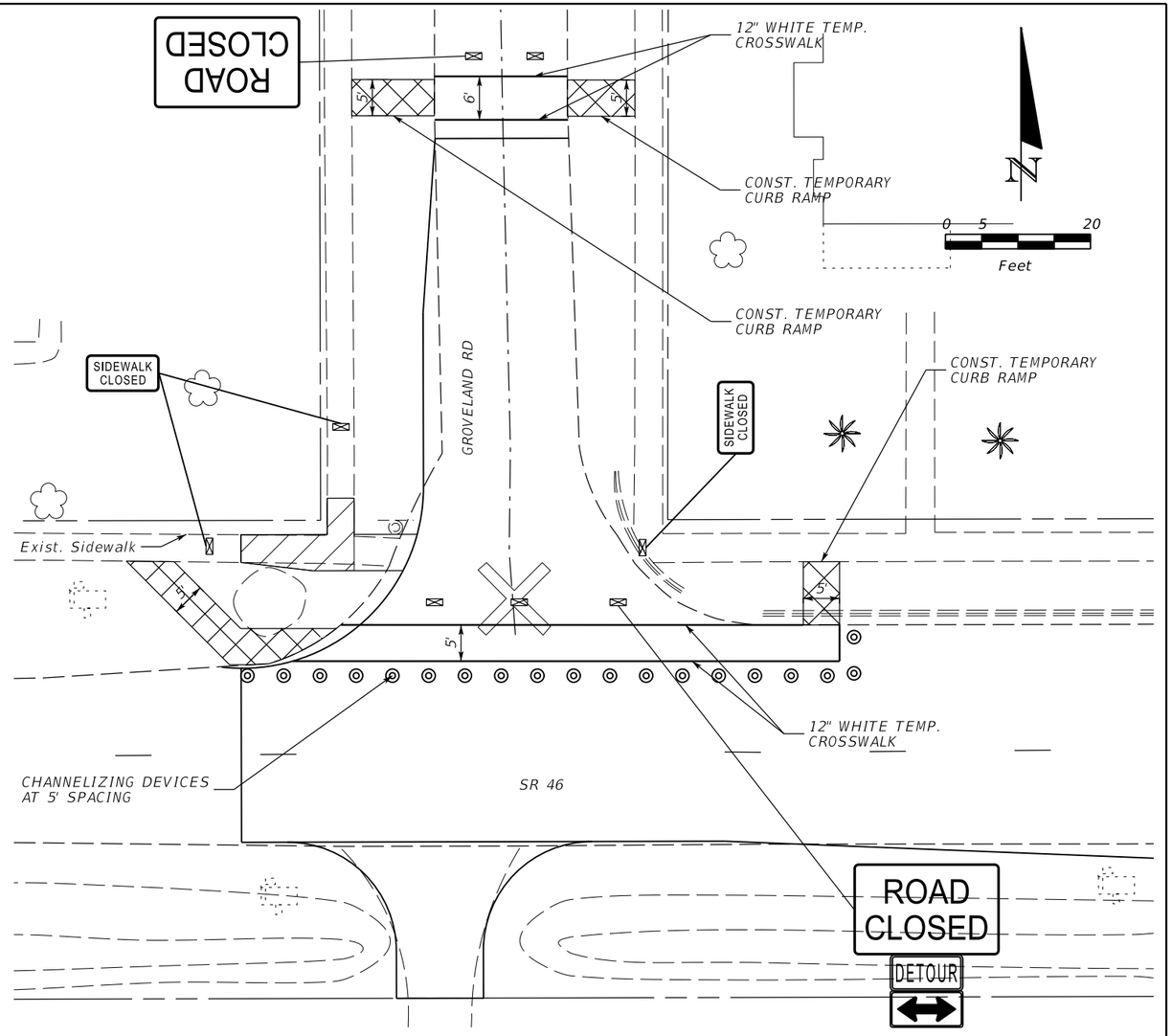
1. GROVELAND ROAD PEDESTRIAN DETOUR PHASE 1 TO TAKE PLACE BEFORE GROVELAND ROAD PEDESTRIAN DETOUR PHASE 2.
2. CONSTRUCT A TEMPORARY SIDEWALK, CROSSWALK, AND CURB RAMP TO ACCOMODATE PEDESTRIAN TRAFFIC CROSSING GROVELAND ROAD.
3. CONSTRUCT PROPOSED NORTHWEST CORNER OF SIDEWALK.

GROVELAND ROAD PEDESTRIAN DETOUR PHASE 2

1. CONSTRUCT TEMPORARY CURB RAMP AND CROSSWALK TO ALLOW THE CONSTRUCTION OF WORK ZONE.
2. DETOUR TRAFFIC FROM GROVELAND ROAD TO PINECREST ROAD TO ALLOW CONSTRUCTION OF PROPOSED CROSSWALK.

PINECREST ROAD PEDESTRIAN DETOUR

1. DETOUR TRAFFIC FROM PINECREST ROAD TO GROVELAND ROAD TO ALLOW CONSTRUCTION OF PROPOSED CROSSWALK.



GROVELAND ROAD PEDESTRIAN DETOUR PHASE 1

LEGEND:

- TEMPORARY SIDEWALK
- WORK ZONE
- Cone Or Tubular Marker
- Type III Barricade

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

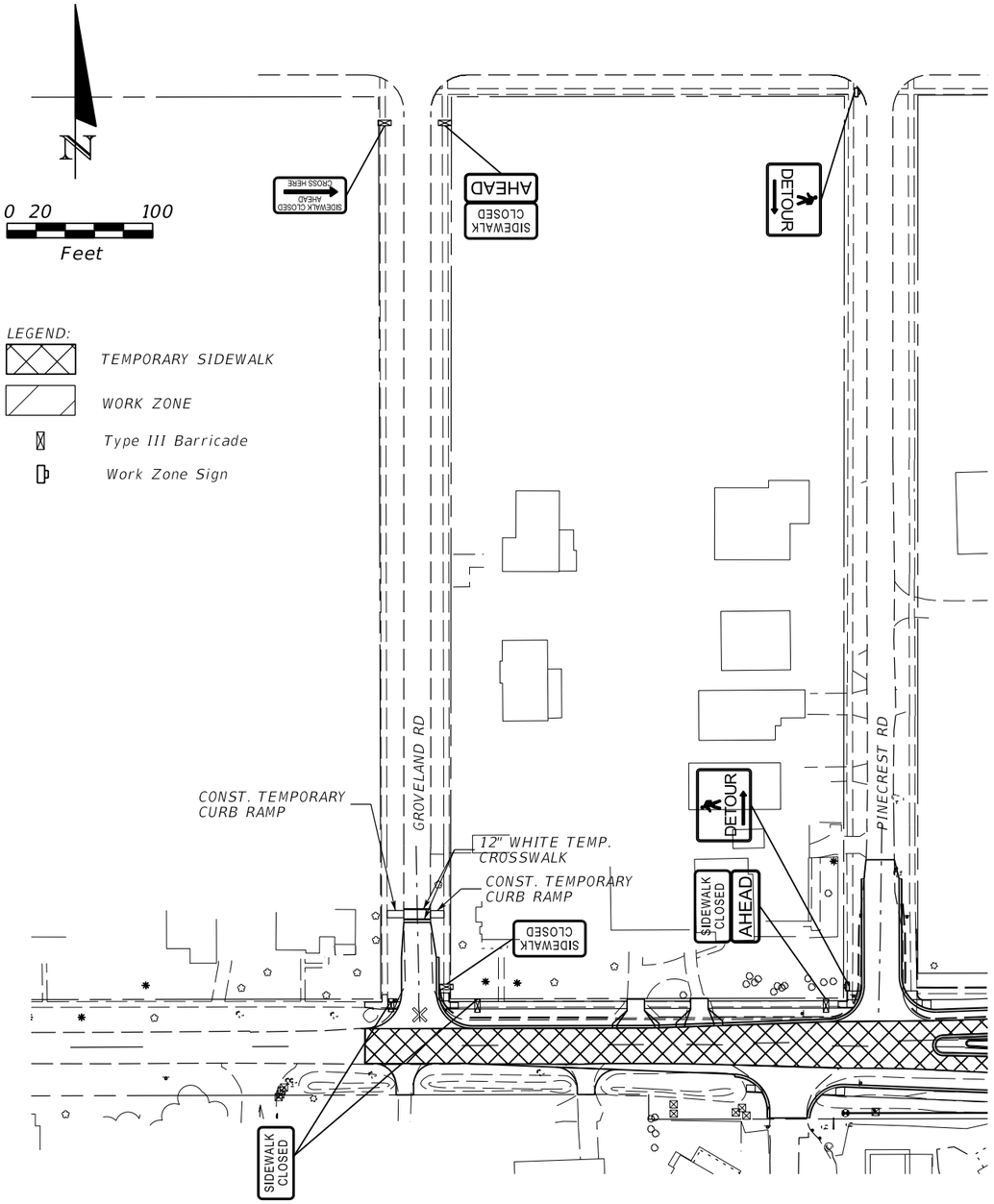
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

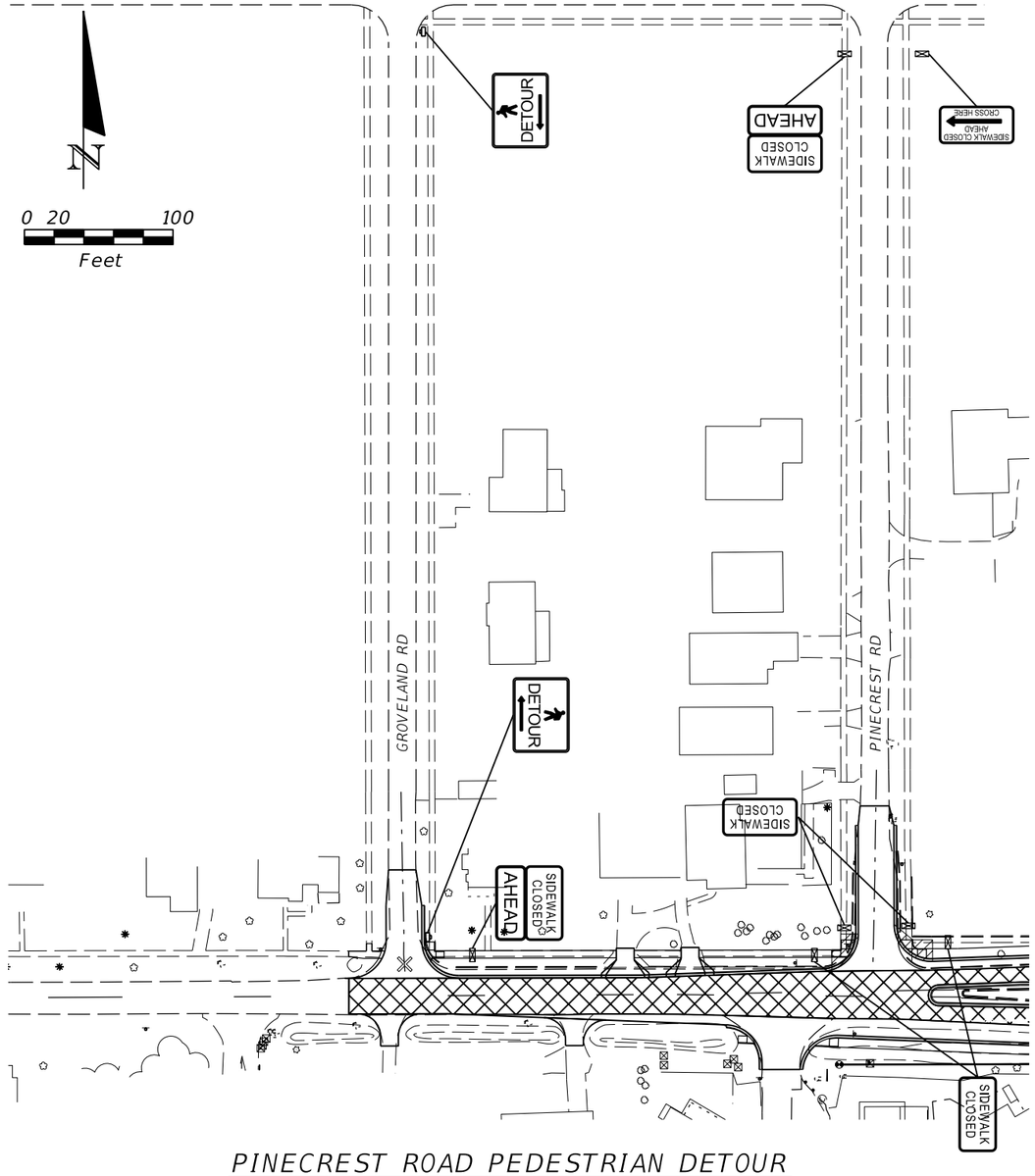
TEMP. TRAFFIC CONROL
PEDESTRIAN DETOUR

SHEET NO. 558

jcapra 3/28/2016 10:24:28 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\tcdtrd05.dgn



GROVELAND ROAD PEDESTRIAN DETOUR PHASE 2



PINECREST ROAD PEDESTRIAN DETOUR

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

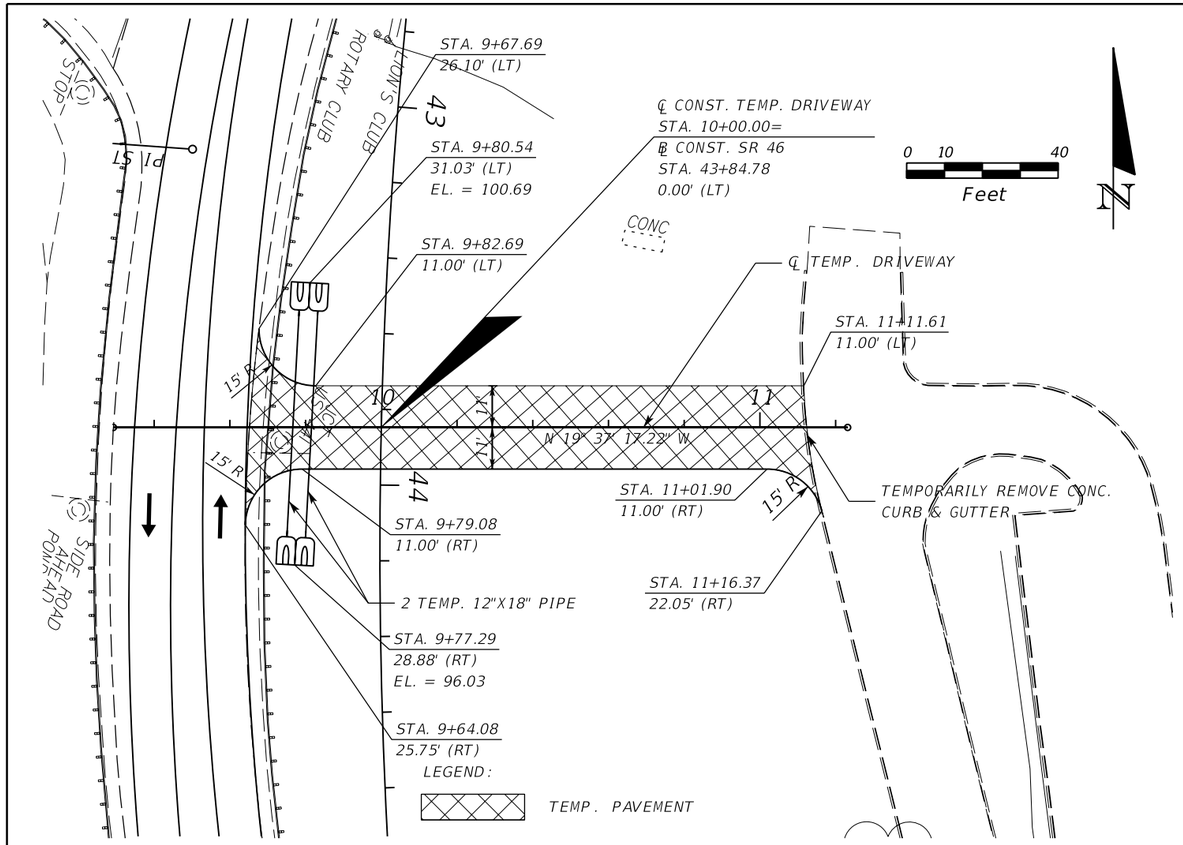
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

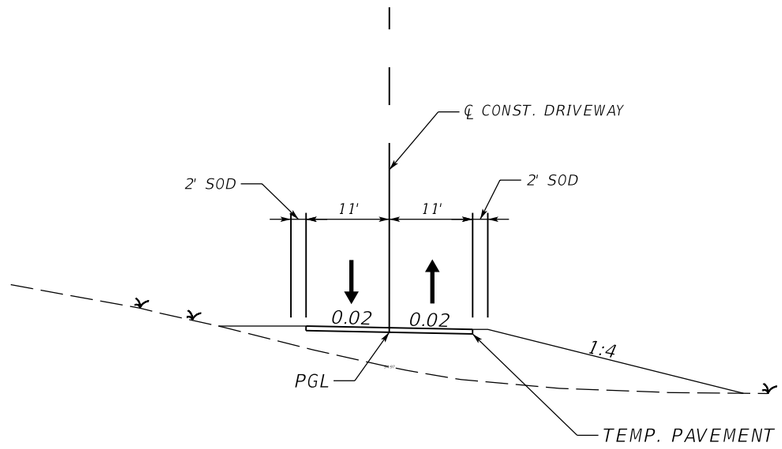
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TEMP. TRAFFIC CONTROL PEDESTRIAN DETOUR

SHEET NO. 559

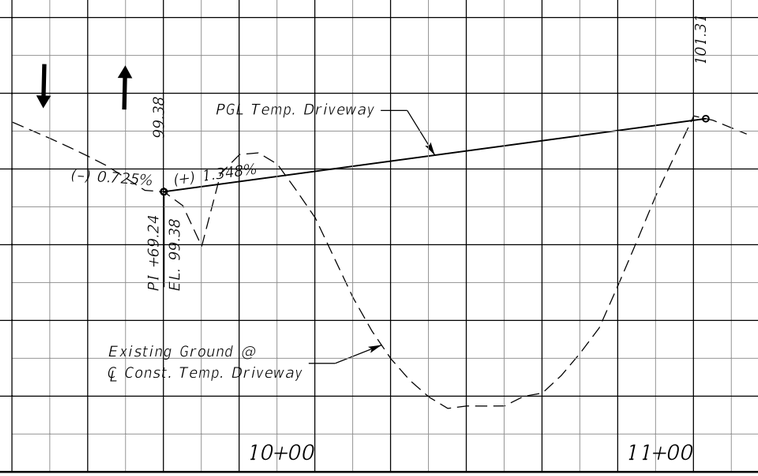
jcapra 3/28/2016 10:24:30 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\tcdtrd04.dgn





TYPICAL SECTION

STA. 9+65.16 TO STA. 11+12.39



SCALE:
1" = 40' HORIZONTAL
1" = 4' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

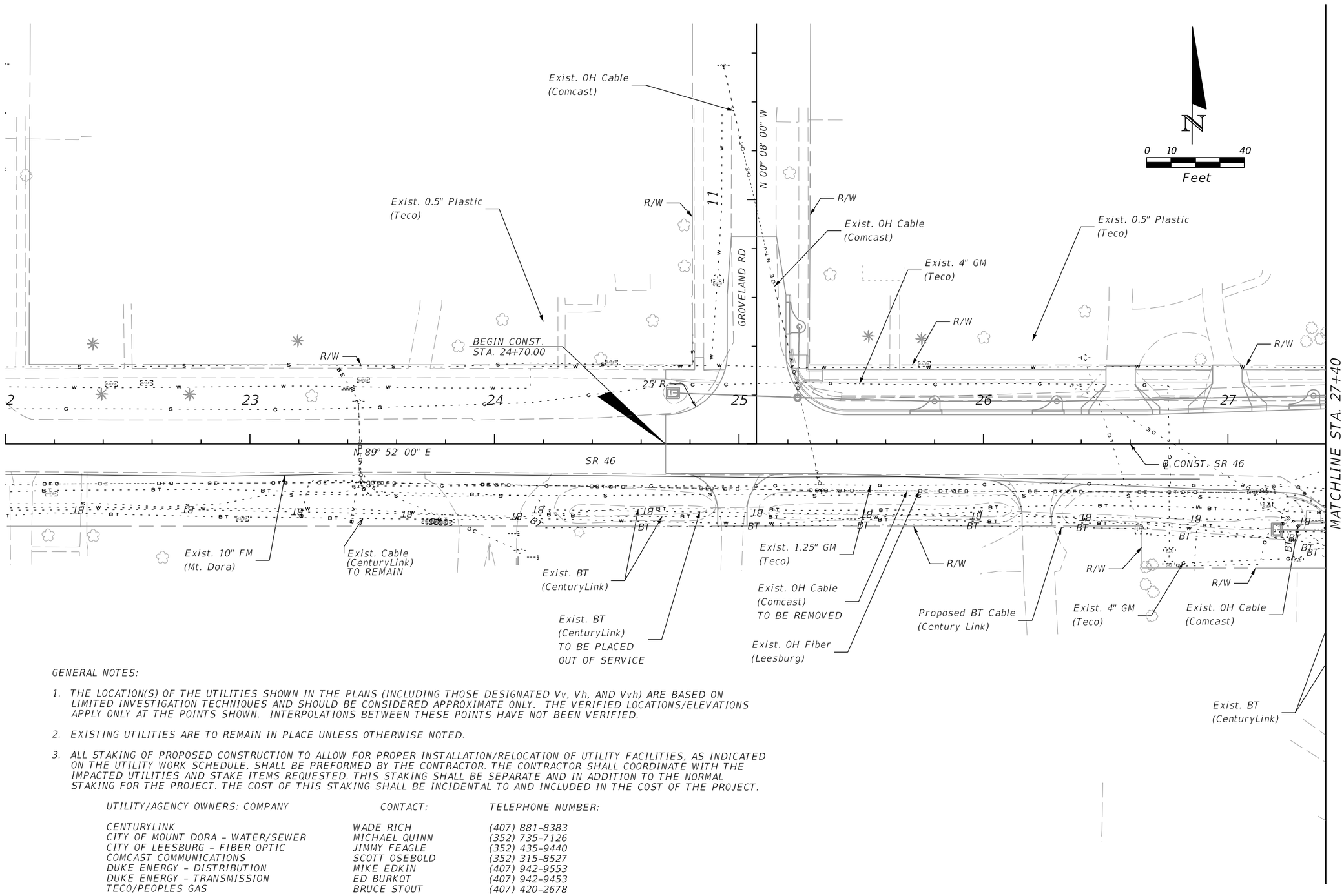
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TTC SPECIAL DETAIL

SHEET NO. 560

jcapra 3/28/2016 10:24:32 AM P:\7844-Wekiva3B\23827525201\roadway\TTC\tcdtrd11.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



GENERAL NOTES:

1. THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS (INCLUDING THOSE DESIGNATED Vv, Vh, AND Vvh) ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.

2. EXISTING UTILITIES ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED.

3. ALL STAKING OF PROPOSED CONSTRUCTION TO ALLOW FOR PROPER INSTALLATION/RELOCATION OF UTILITY FACILITIES, AS INDICATED ON THE UTILITY WORK SCHEDULE, SHALL BE PREFORMED BY THE CONTRACTOR. THE CONTRACTOR SHALL COORDINATE WITH THE IMPACTED UTILITIES AND STAKE ITEMS REQUESTED. THIS STAKING SHALL BE SEPARATE AND IN ADDITION TO THE NORMAL STAKING FOR THE PROJECT. THE COST OF THIS STAKING SHALL BE INCIDENTAL TO AND INCLUDED IN THE COST OF THE PROJECT.

UTILITY/AGENCY OWNERS: COMPANY	CONTACT:	TELEPHONE NUMBER:
CENTURYLINK	WADE RICH	(407) 881-8383
CITY OF MOUNT DORA - WATER/SEWER	MICHAEL QUINN	(352) 735-7126
CITY OF LEESBURG - FIBER OPTIC	JIMMY FEAGLE	(352) 435-9440
COMCAST COMMUNICATIONS	SCOTT OSEBOLD	(352) 315-8527
DUKE ENERGY - DISTRIBUTION	MIKE EDKIN	(407) 942-9553
DUKE ENERGY - TRANSMISSION	ED BURKOT	(407) 942-9453
TECO/PEOPLES GAS	BRUCE STOUT	(407) 420-2678

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

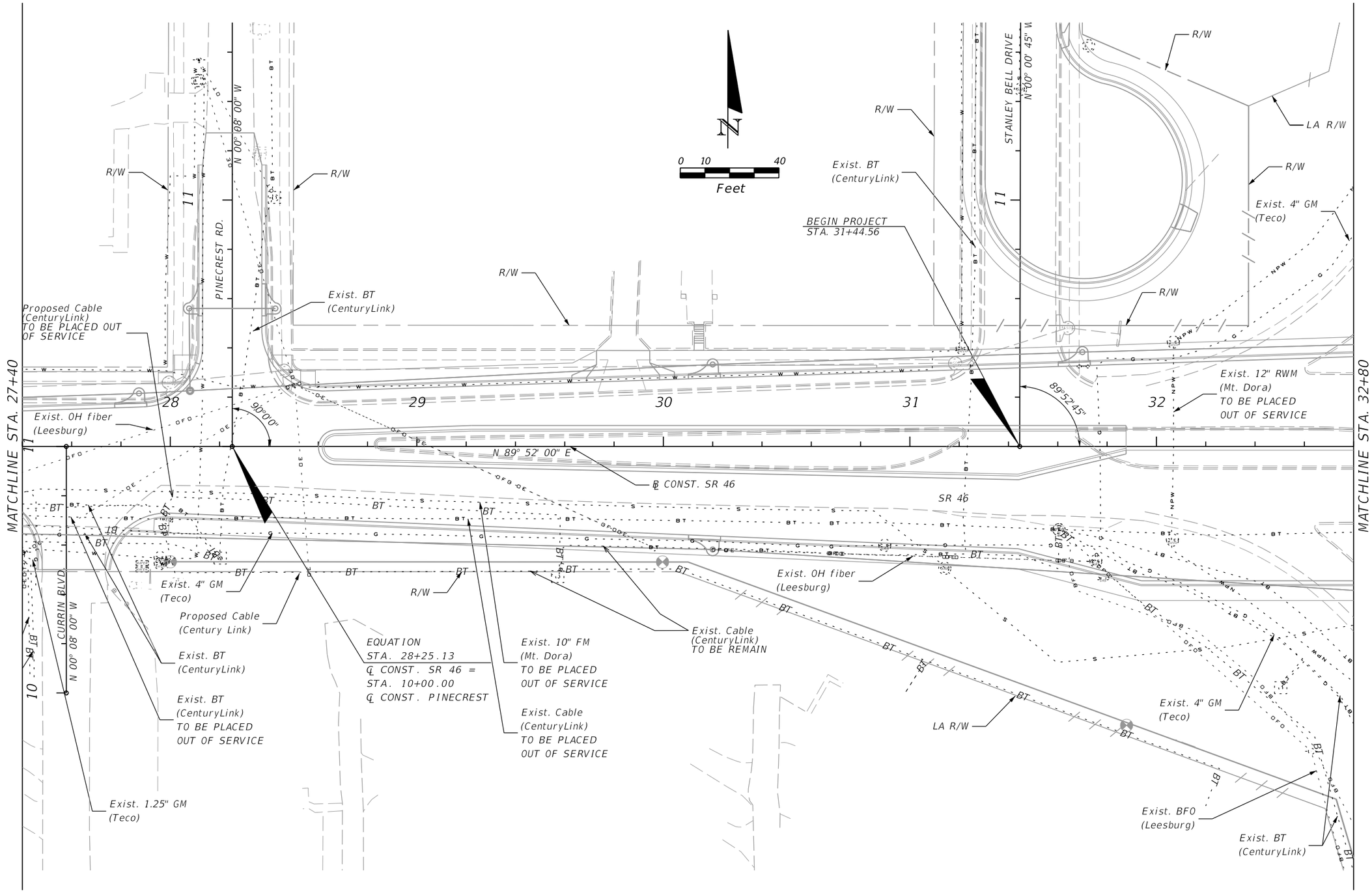
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

UTILITY ADJUSTMENT 1
SR 46

SHEET NO. 561

jcapra 3/28/2016 10:24:34 AM P:\7844-Wekiva3B\23827525201\roadway\utadrd01.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

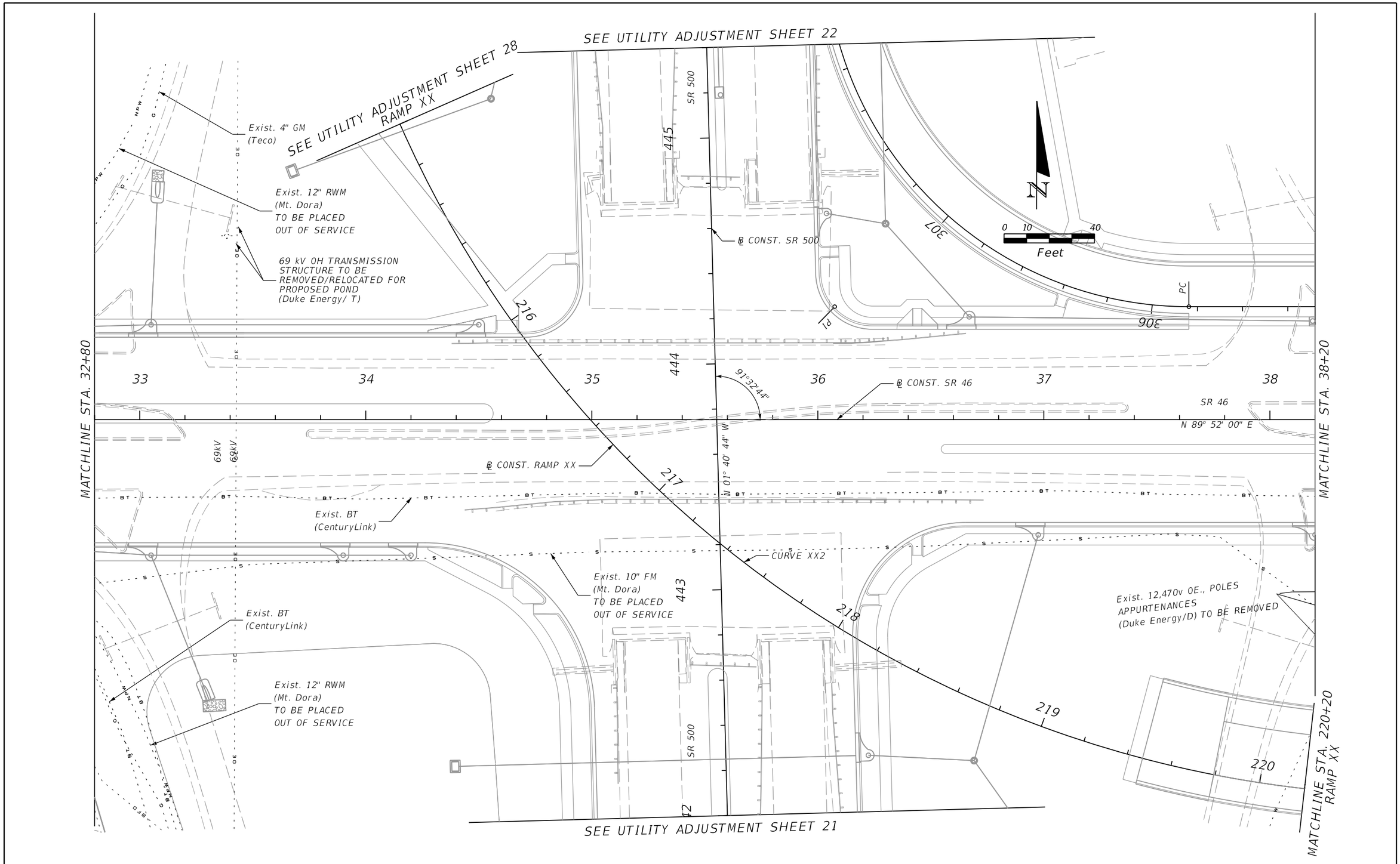
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

UTILITY ADJUSTMENT 2
SR 46

SHEET NO. 562

jcapra 3/28/2016 10:24:35 AM P:\7844-Wekiva3B\23827525201\roadway\utadrd02.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

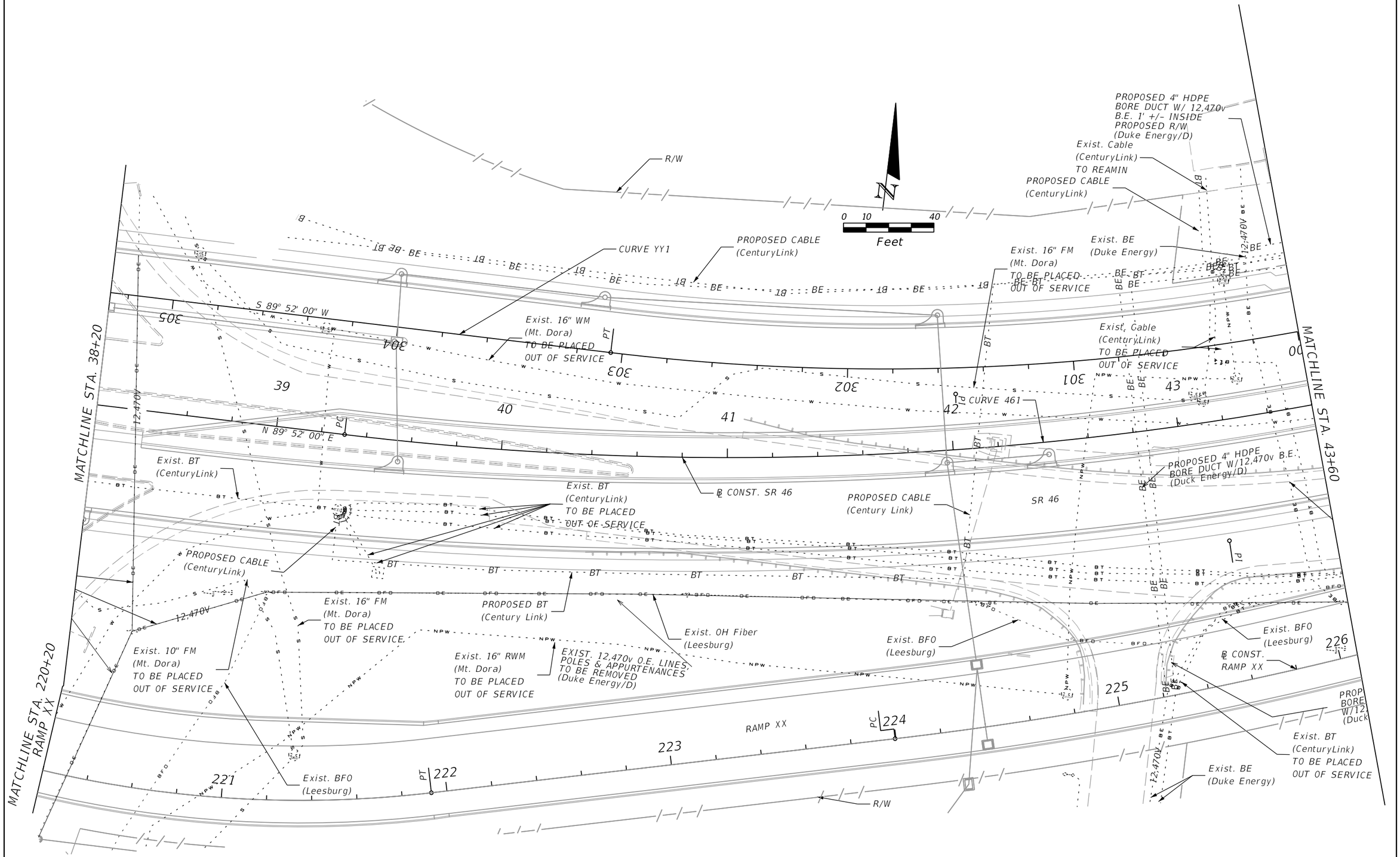
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

UTILITY ADJUSTMENT 3
SR 46

SHEET NO.
563

jcapra 3/28/2016 10:24:37 AM P:\7844-Wekiva3B\23827525201\roadway\utadrd03.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

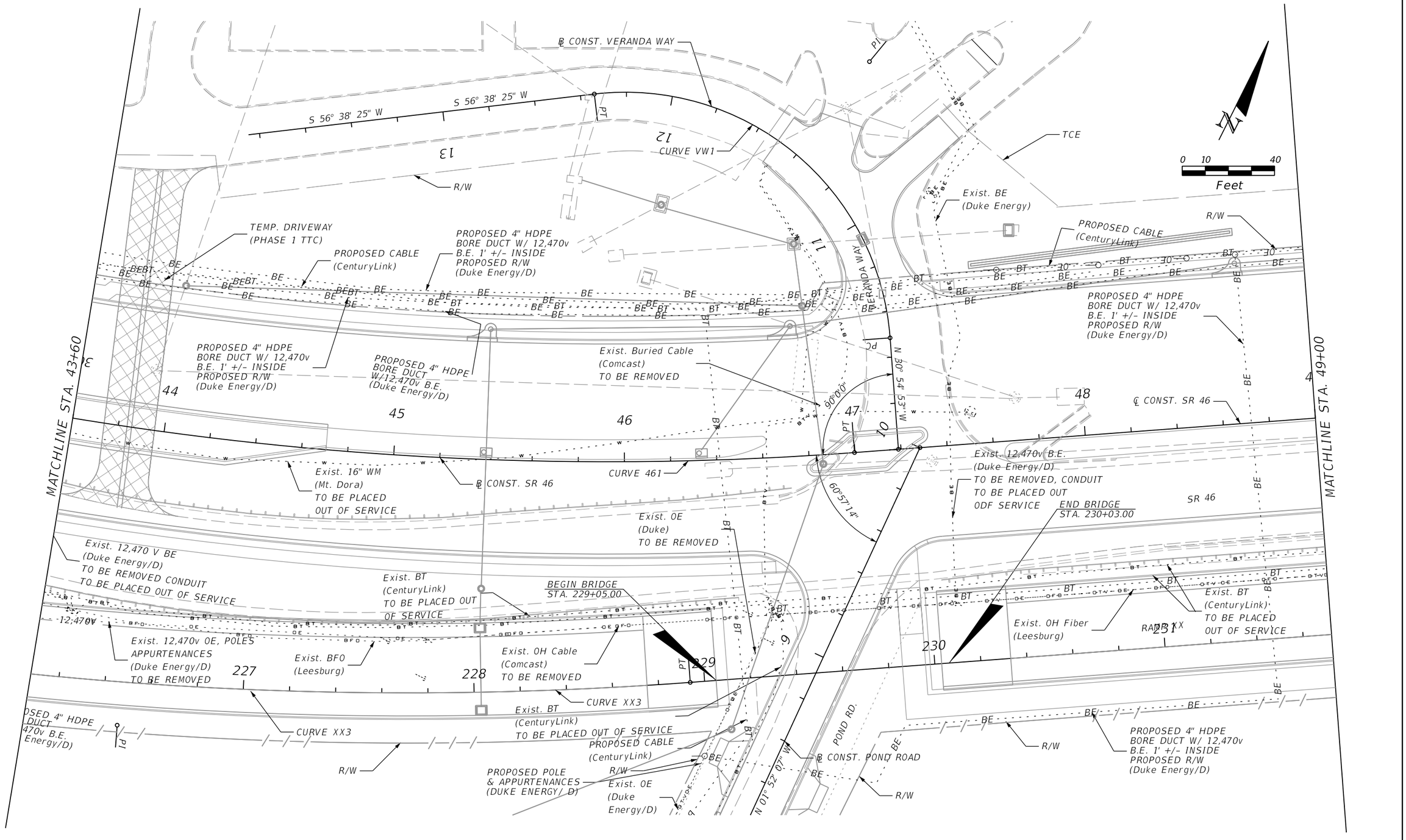
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

UTILITY ADJUSTMENT 4
SR 46

SHEET NO. 564

jcapra 3/28/2016 10:24:38 AM P:\7844-Wekiva3B\23827525201\roadway\utadrd04.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

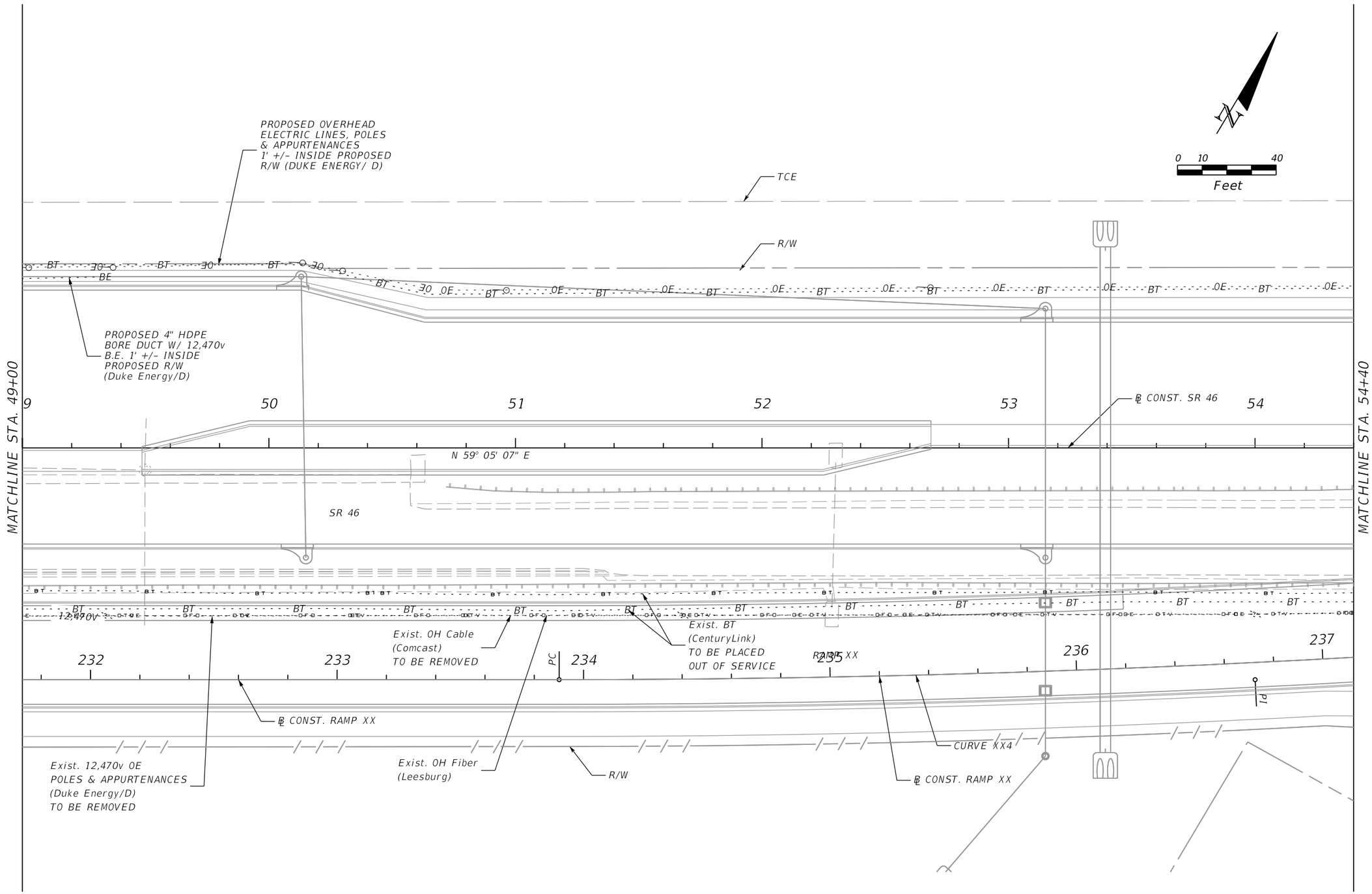
ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

UTILITY ADJUSTMENT 5
SR 46

SHEET NO. 565



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

UTILITY ADJUSTMENT 6
SR 46

SHEET NO. 566

jcapra 3/28/2016 10:24:41 AM P:\7844-Wekiva3B\23827525201\roadway\utadrd06.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

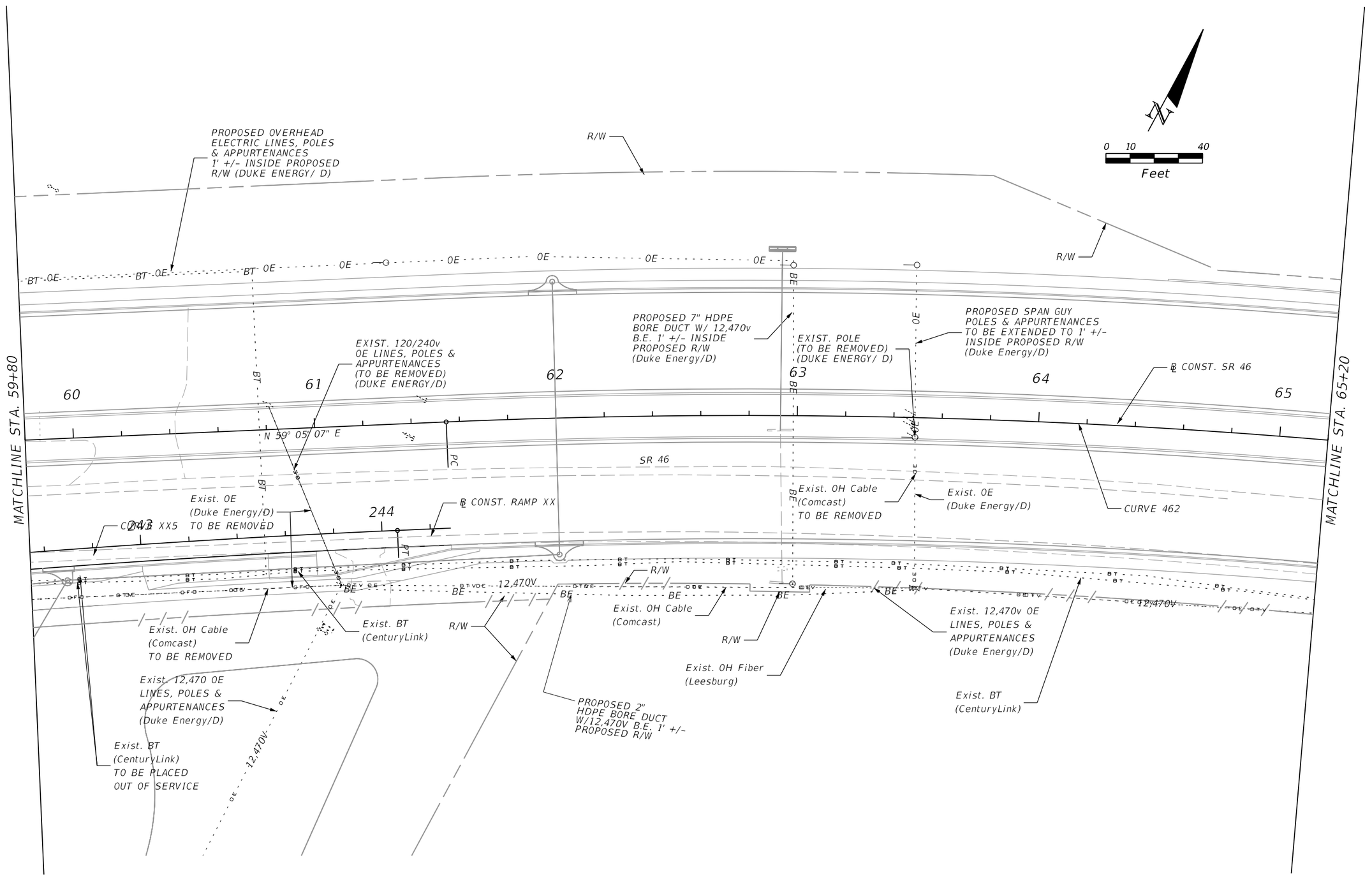
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

UTILITY ADJUSTMENT 7
SR 46

SHEET NO.
567

jcapra 3/28/2016 10:24:42 AM P:\7844-Wekiva3B\23827525201\roadway\utadrd07.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

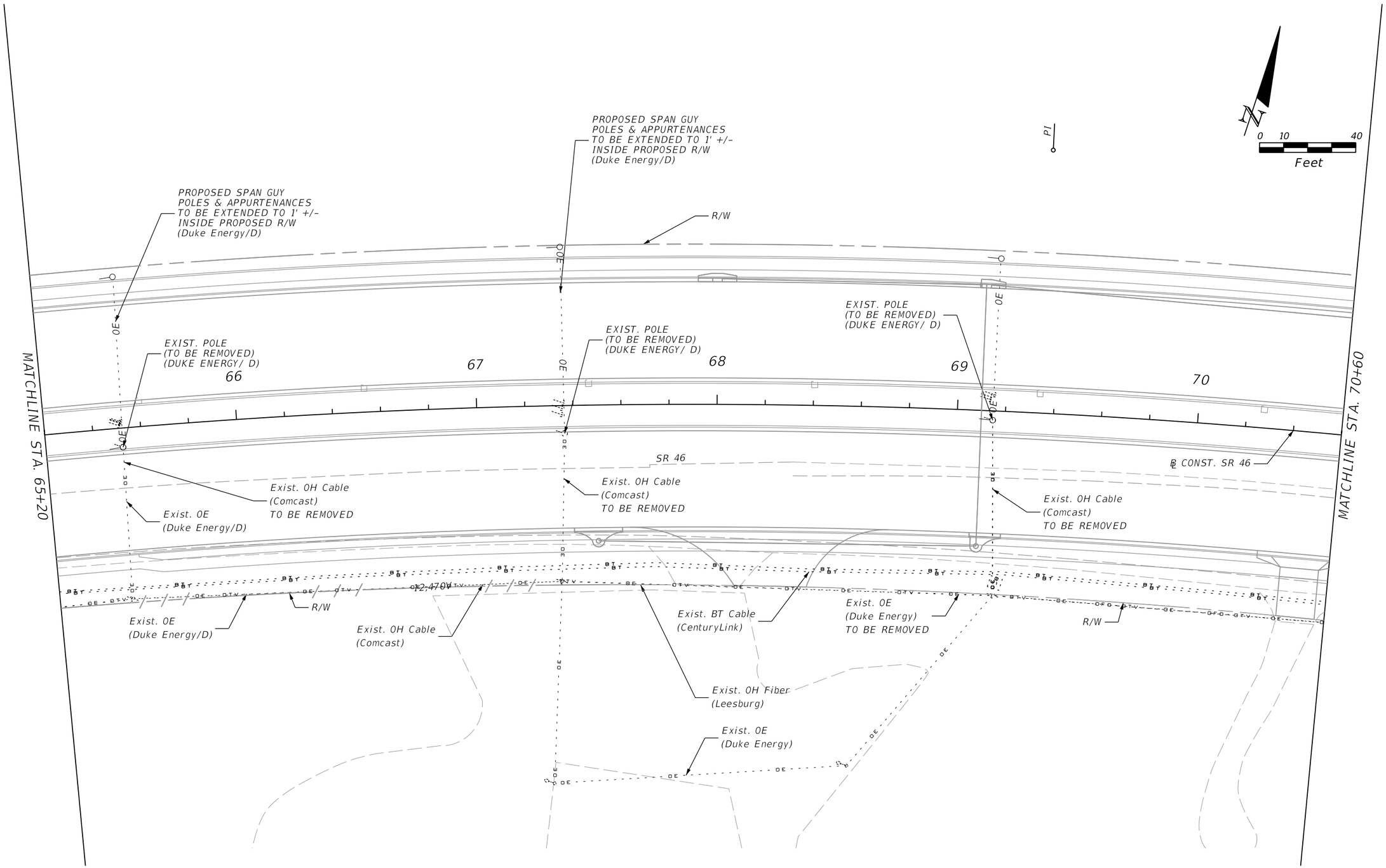
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

UTILITY ADJUSTMENT 8
SR 46

SHEET NO. 568

jcapra 3/28/2016 10:24:44 AM P:\7844-Wekiva3B\23827525201\roadway\utadrd08.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

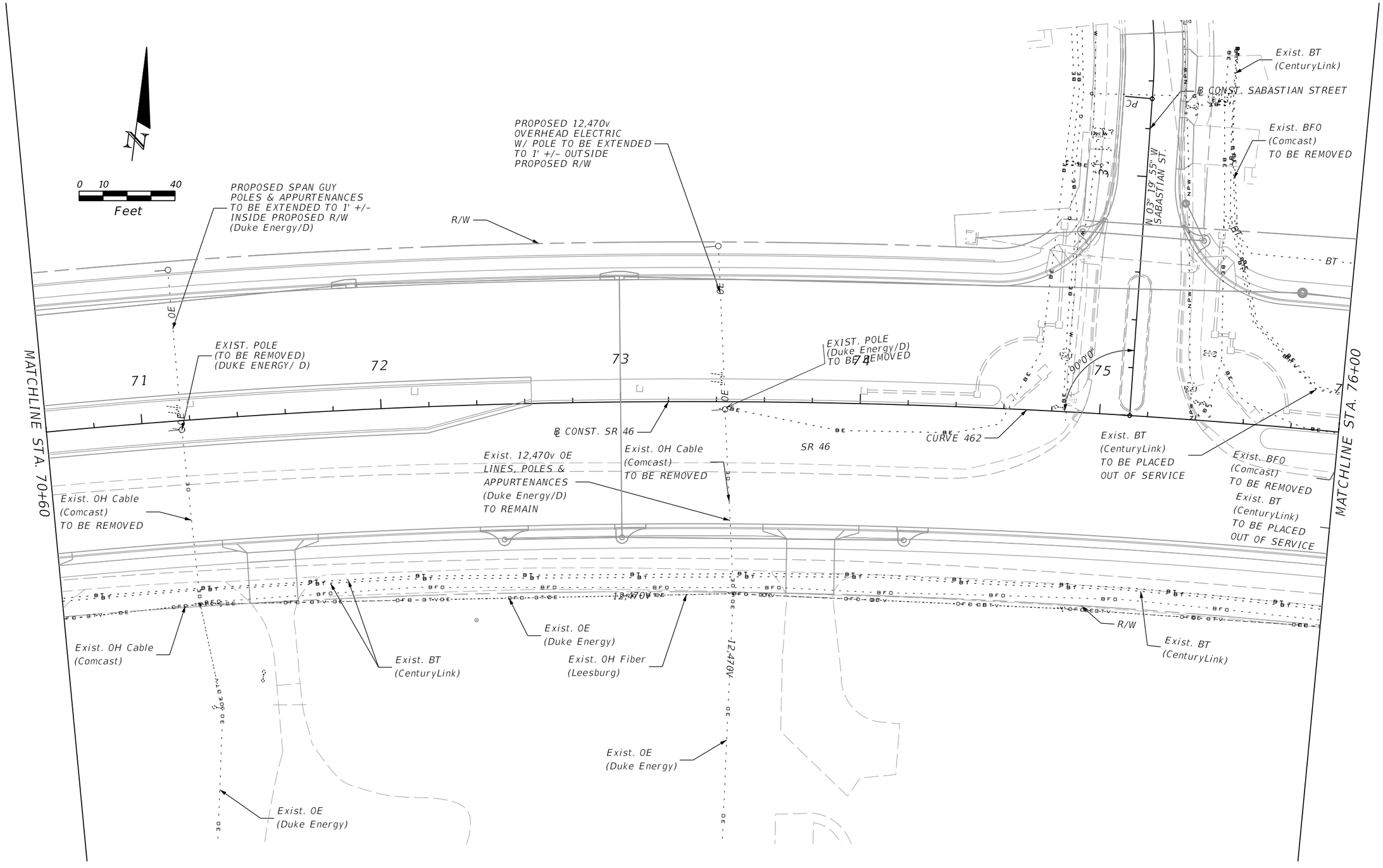
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

UTILITY ADJUSTMENT 9
SR 46

SHEET NO. 569

jcapra 3/28/2016 10:24:45 AM P:\7844-Wekiva3B\23827525201\roadway\utadrd09.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

UTILITY ADJUSTMENT 10
SR 46

SHEET NO. 570

jcapra 3/28/2016 10:24:47 AM P:\7844-Wekiva3B\23827525201\roadway\utadrd10.dgn

PROPOSED 12,470v OVERHEAD ELECTRIC W/ POLE TO BE EXTENDED TO 1' +/- OUTSIDE PROPOSED R/W

R/W

R/W

Exist. BT (CenturyLink)

N

0 10 40

Feet

PROPOSED BT CABLE (CenturyLink)

EXIST. POLE (TO BE REMOVED) (DUKE ENERGY/ D)

Exist. BT (CenturyLink) TO BE PLACED OUT OF SERVICE

PROPOSED BT CABLE (CenturyLink)

MATCHLINE STA. 76+00

MATCHLINE STA. 81+40

6 77 78 79 80 81

℄ CONST. SR 46

S 89° 43' 19" E

CURVE 462

PT

Exist. 0H F0C (Comcast) TO BE REMOVED

Exist. 0E (Duke Energy/D)

SR 46

12,470V

Exist. 0H Cable (Comcast)

Exist. 0E (Duke Energy)

12,470V

Exist. 0H Cable, F0C (Comcast)

Exist. 0H Fiber (Leesburg)

Exist. 0E (Duke Energy)

Exist. 0E (Duke Energy)

R/W

Exist. BT (CenturyLink)

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

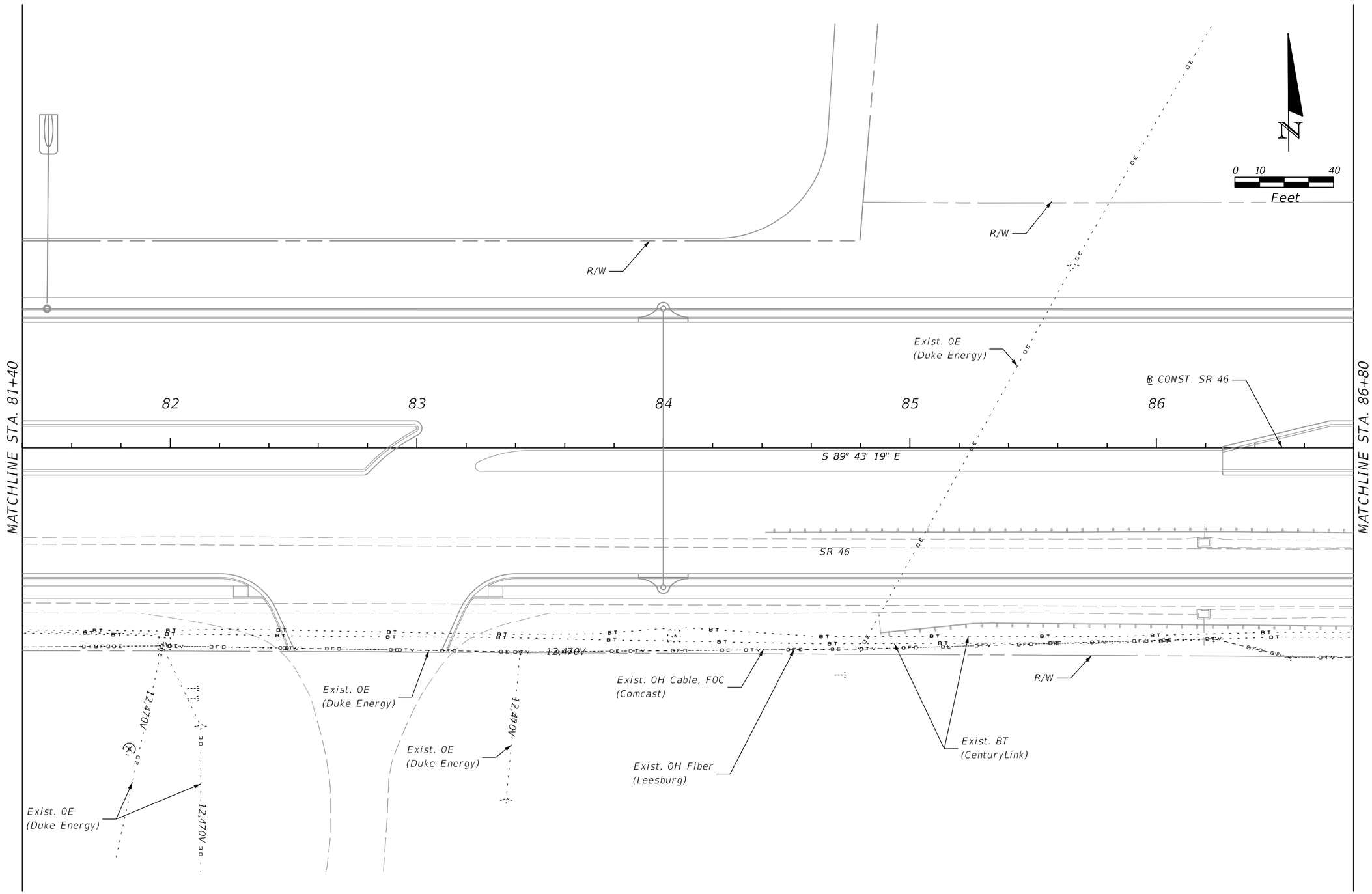
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

UTILITY ADJUSTMENT 11
SR 46

SHEET NO. 571

jcapra 3/28/2016 10:24:48 AM P:\7844-Wekiva3B\23827525201\roadway\utadrd11.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

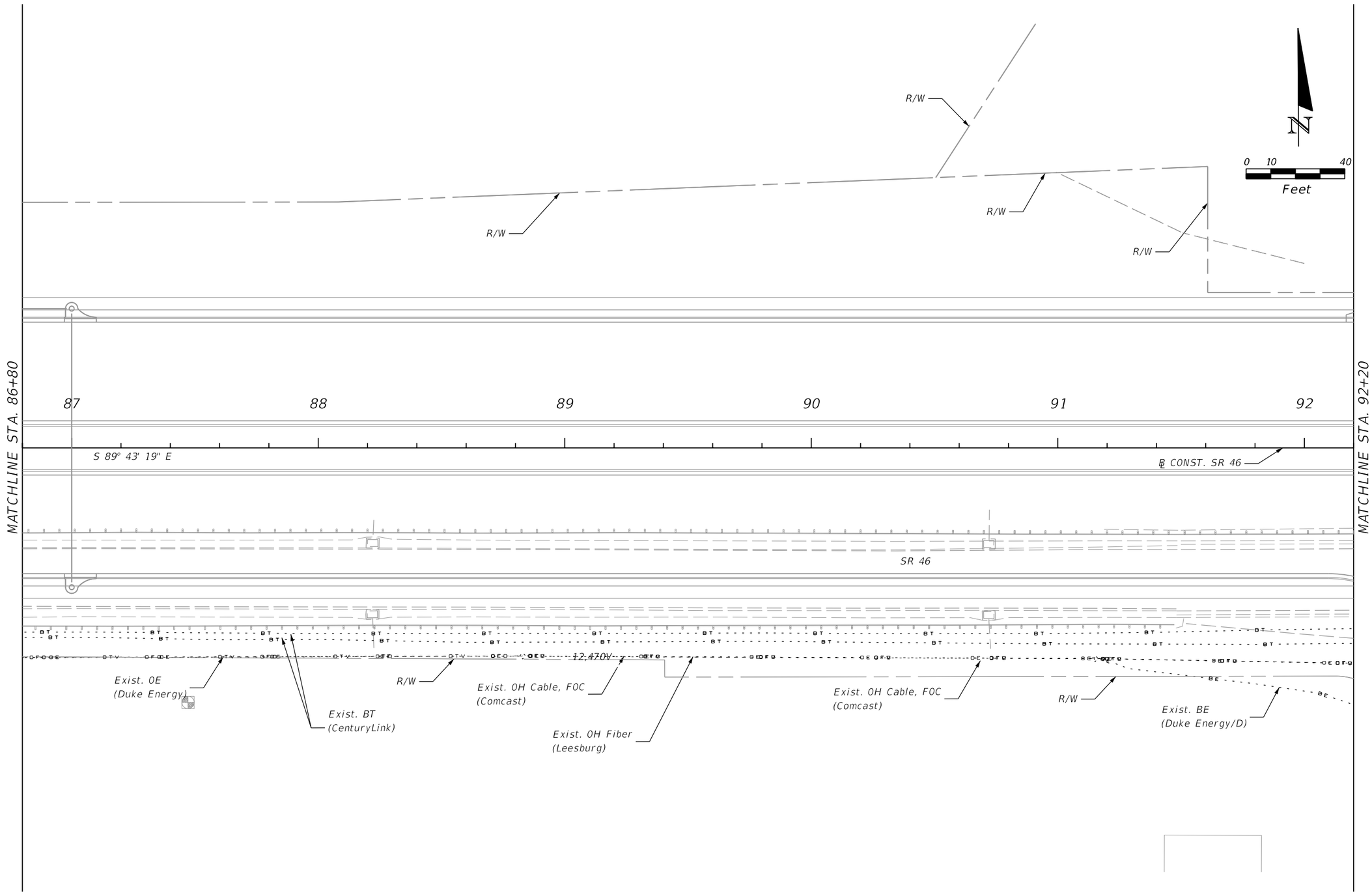
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

UTILITY ADJUSTMENT 12
SR 46

SHEET NO. 572

jcapra 3/28/2016 10:24:50 AM P:\7844-Wekiva3B\23827525201\roadway\utadrd12.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

UTILITY ADJUSTMENT 13
SR 46

SHEET NO.
573

jcapra 3/28/2016 10:24:51 AM P:\7844-Wekiva3B\23827525201\roadway\utadrd13.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

PROPOSED POLE
& APPURTENANCES
TO BE INSTALLED
OUTSIDE PROPOSED R/W
(Duke Energy/D)

Exist. 0E
(Duke Energy/D)

R/W

EXIST. POLE
(TO BE REMOVED)
(Duke Energy/D)

END PROJECT
STA. 94+00.00
BEGIN PROJECT
238275-3-52-02

℄ CONST. SR 46

SR 46

MATCHLINE STA. 92+20

93 94 95 96 97

90°0'0"

51

N 00° 16 41" E VISTA VIEW

℄ CONST. VISTA VIEW

Exist. BT
(CenturyLink)

Exist. Buried Cable
(Comcast)

Exist. 0E
(Duke Energy/D)

Exist. 0H Fiber
(Leesburg)

12,470V

N

0 10 40
Feet

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

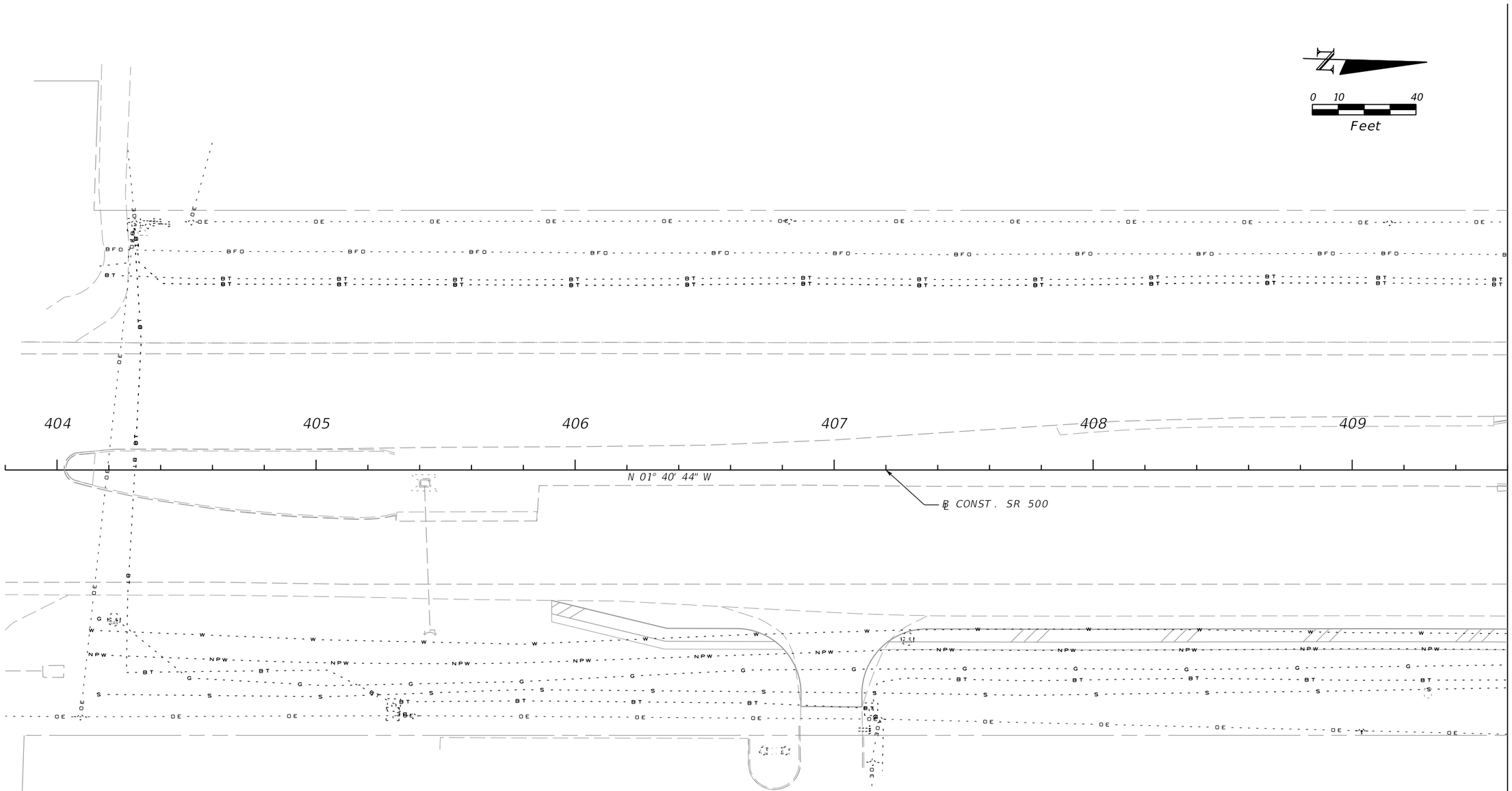
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

UTILITY ADJUSTMENT 14
SR 46

SHEET NO. 574

jcapra 3/28/2016 10:24:53 AM P:\7844-Wekiva3B\23827525201\roadway\utadrd14.dgn



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

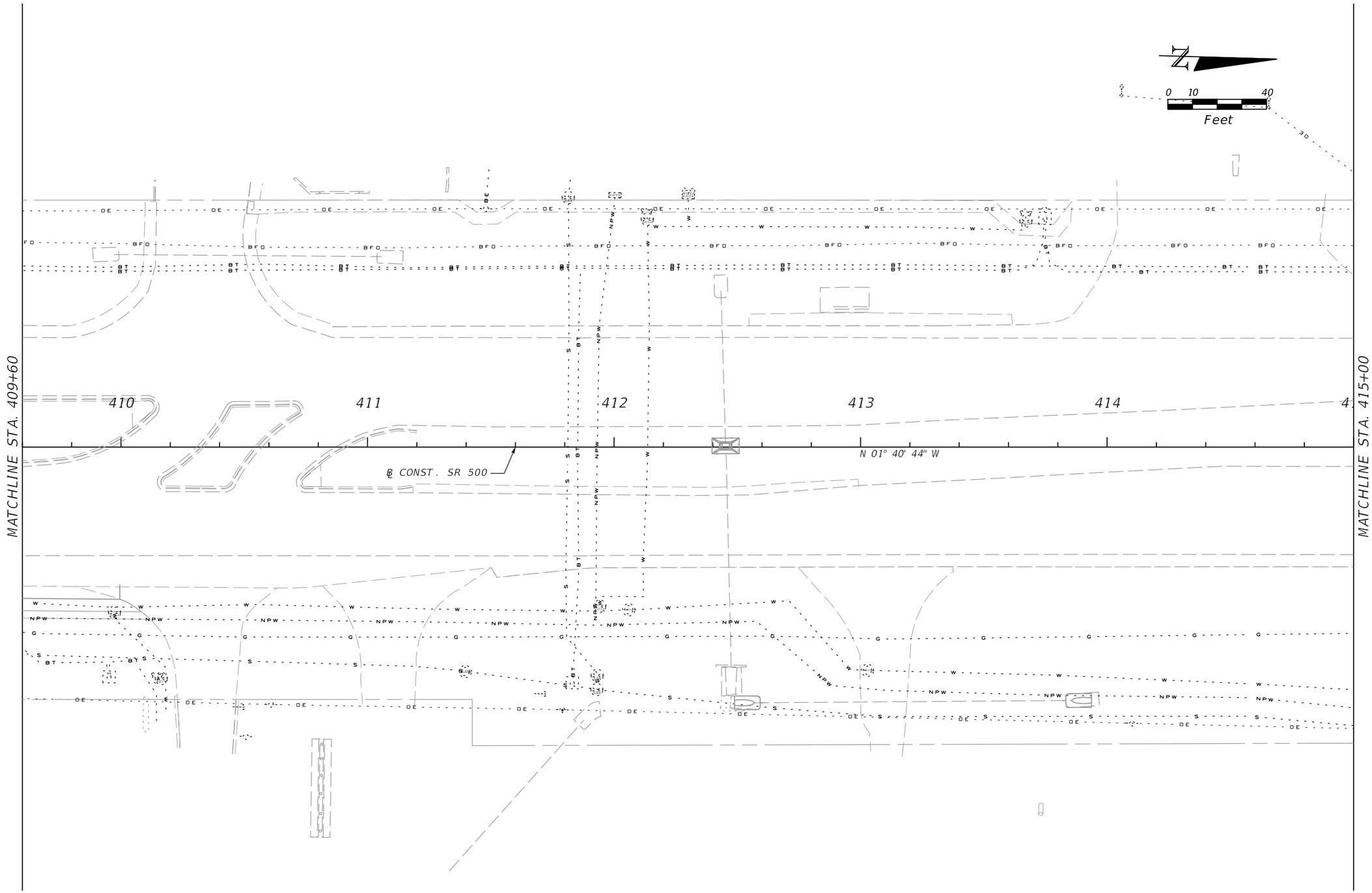
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

UTILITY ADJUSTMENT 15
SR 500

SHEET NO. 575

jcapra 3/28/2016 10:24:54 AM P:\7844-Wekiva3B\23827525201\roadway\utadrd15.dgn



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

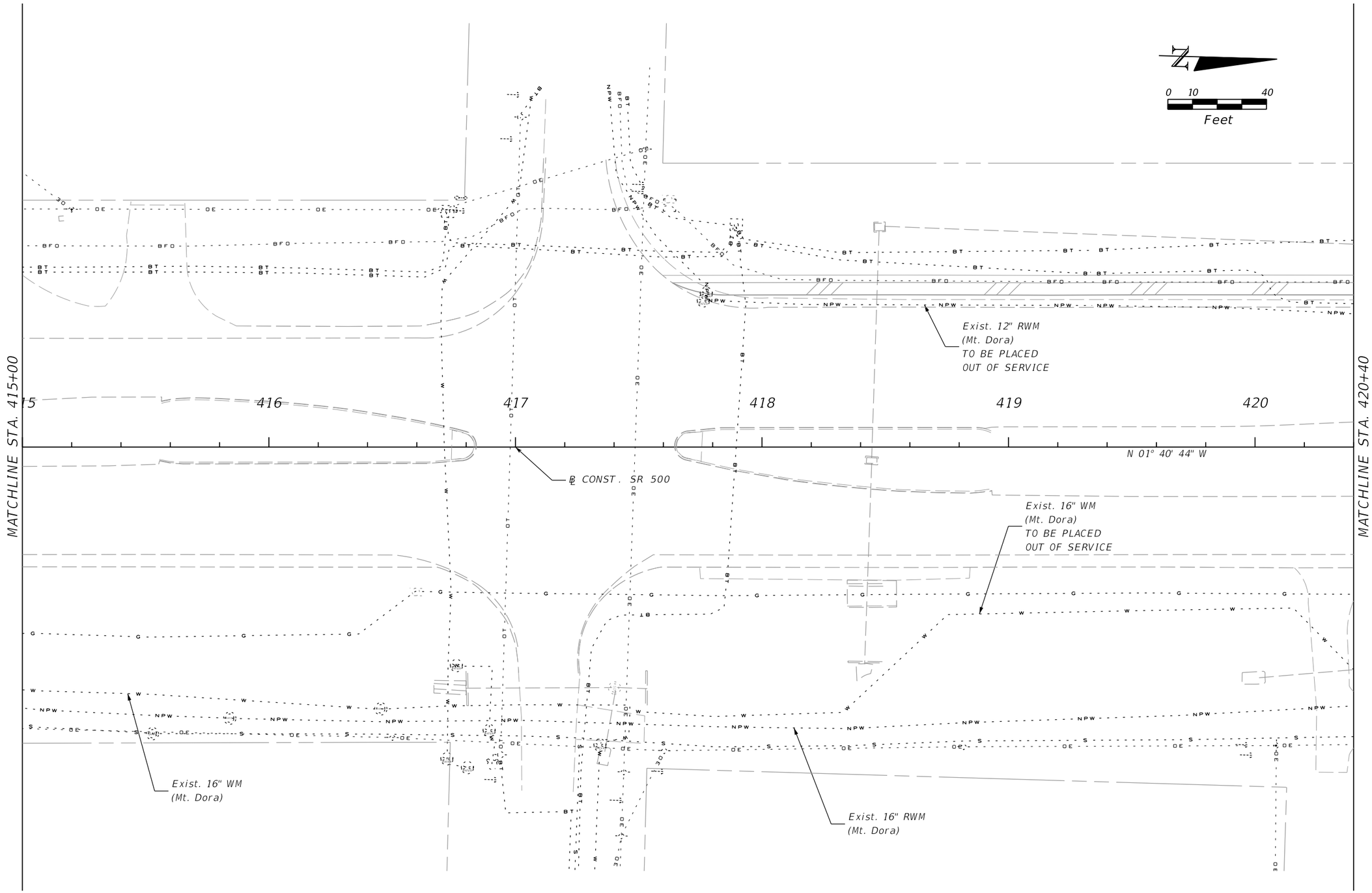
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

UTILITY ADJUSTMENT 16
SR 500

SHEET NO. 576

jcapra 3/28/2016 10:24:55 AM P:\7844-Wekiva3B\23827525201\roadway\utadrd16.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

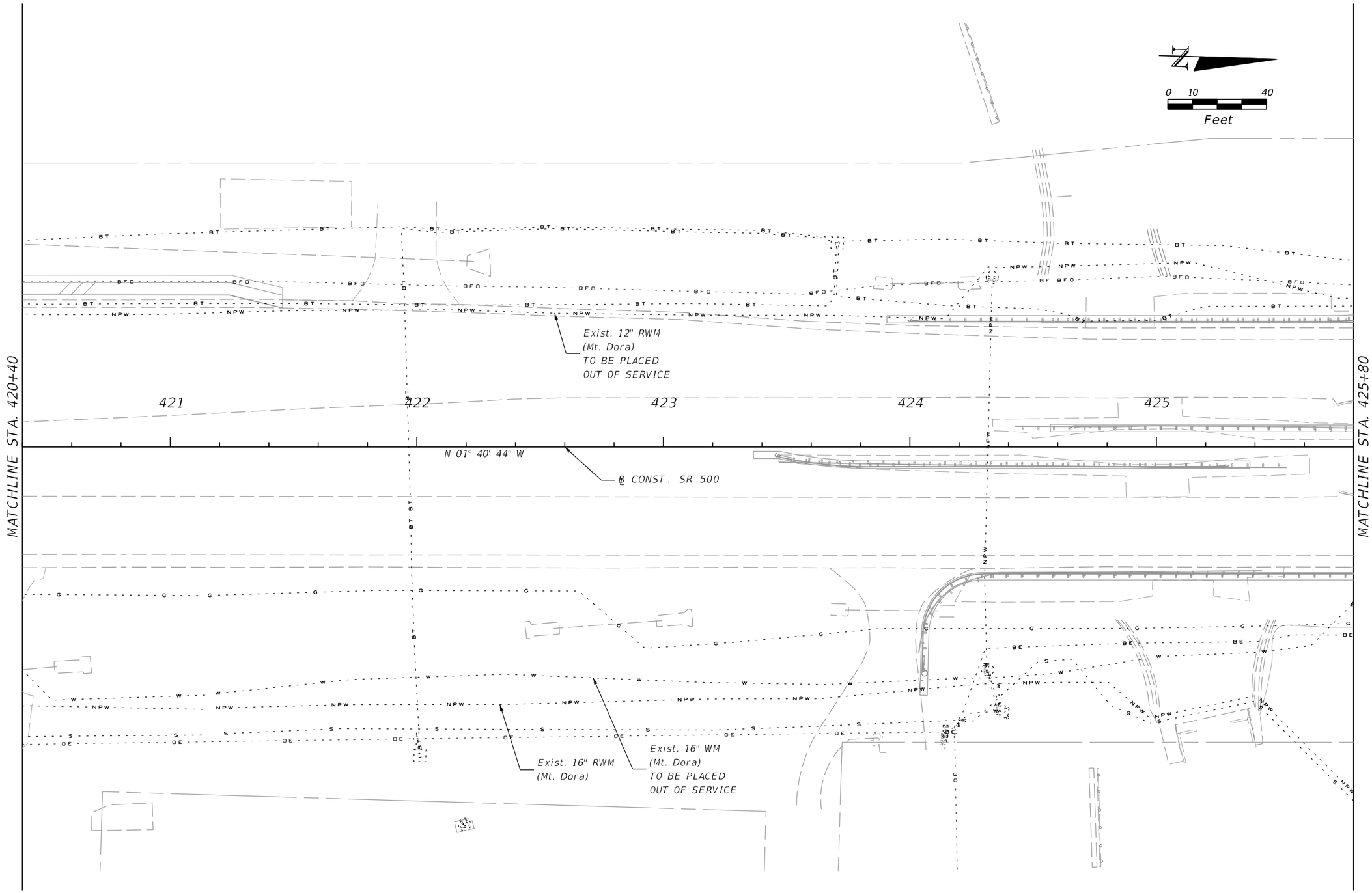
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

UTILITY ADJUSTMENT 17
SR 500

SHEET NO. 577

jcapra 3/28/2016 10:24:57 AM P:\7844-Wekiva3B\23827525201\roadway\utadrd17.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

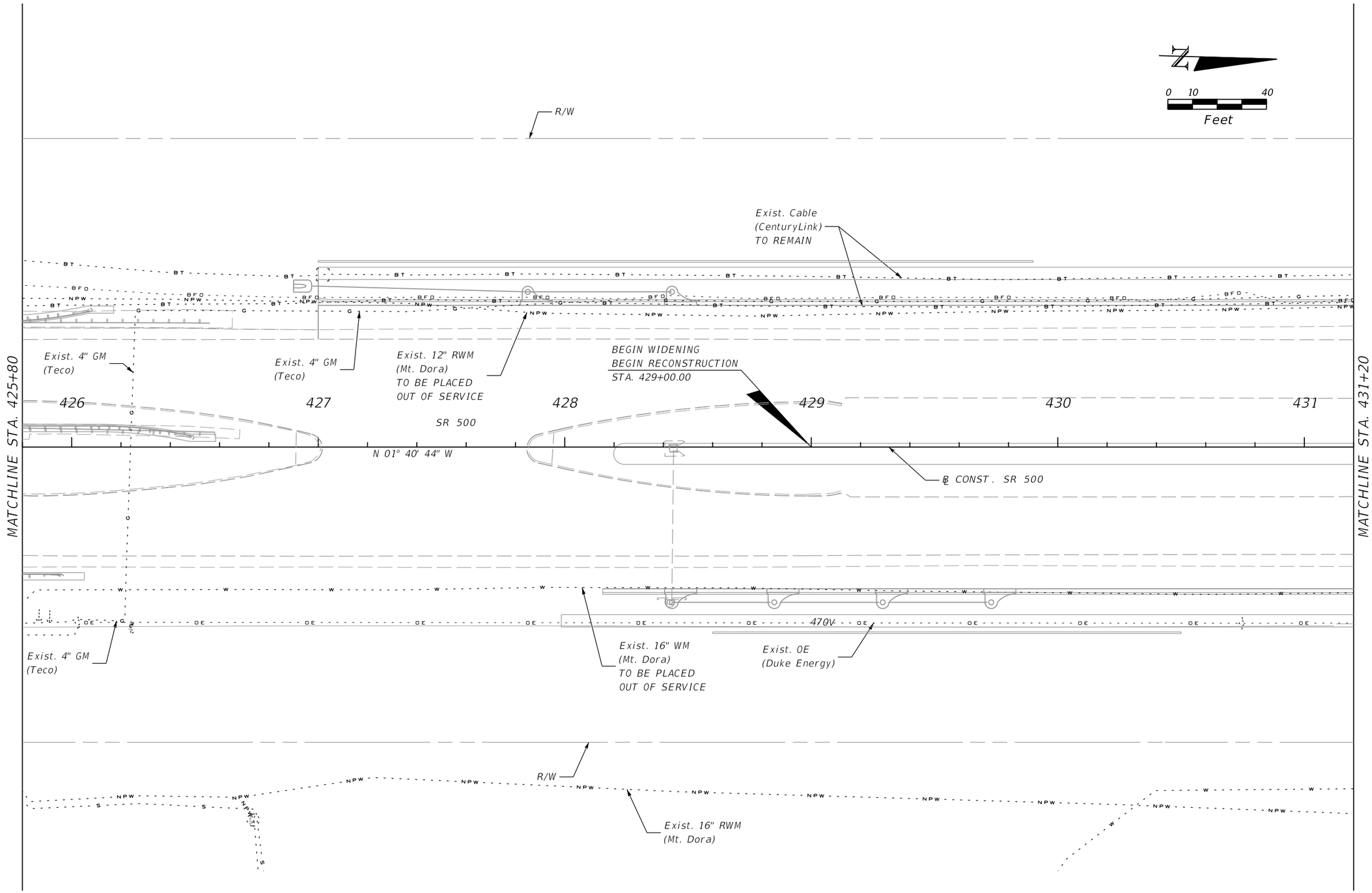
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

UTILITY ADJUSTMENT 18
SR 500

SHEET NO. 578

jcapra 3/28/2016 10:24:58 AM P:\7844-Wekiva3B\23827525201\roadway\utadrd18.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

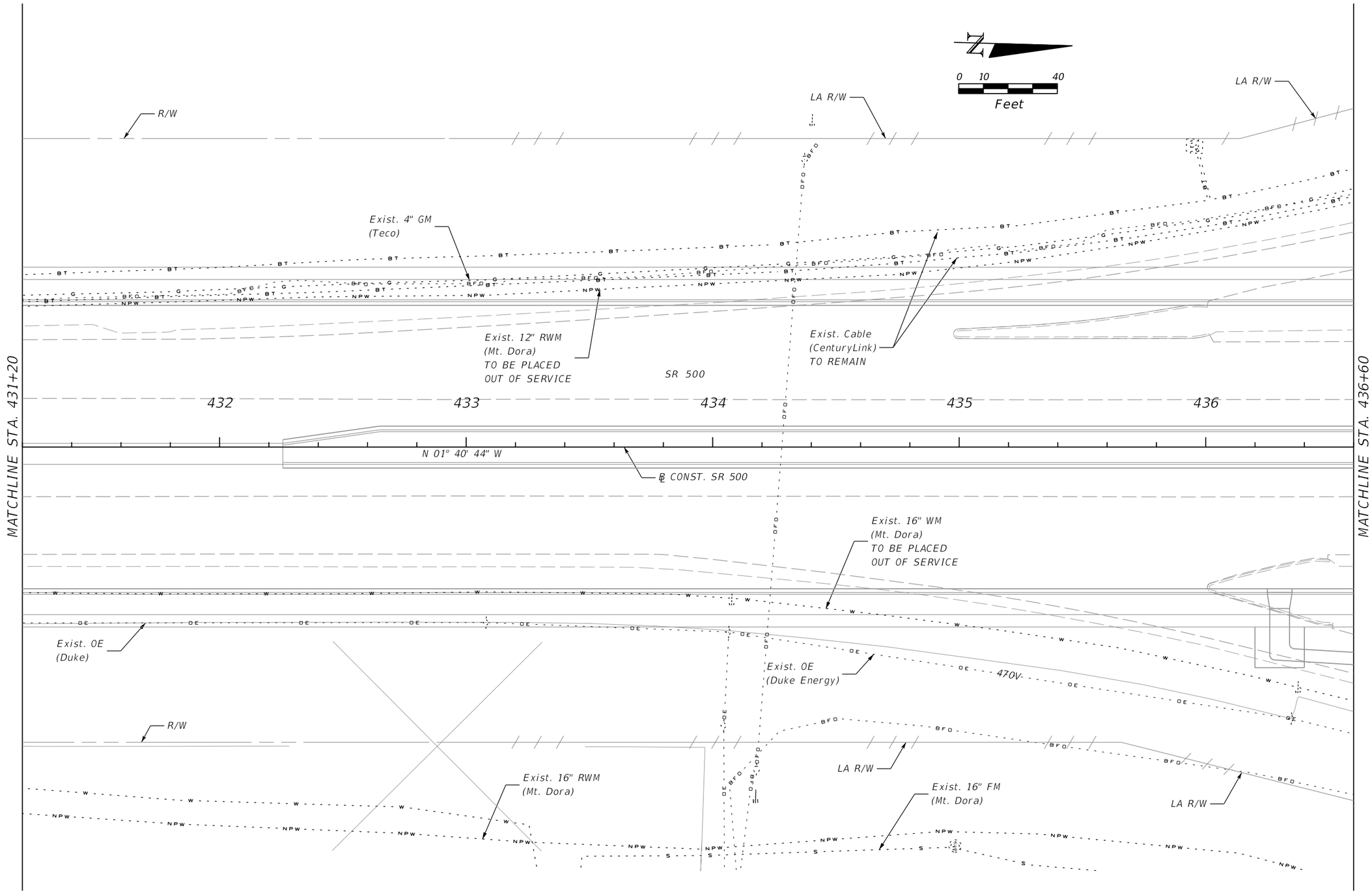
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

UTILITY ADJUSTMENT 19
SR 500

SHEET NO. 579

jcapra 3/28/2016 10:24:59 AM P:\7844-Wekiva3B\23827525201\roadway\utadrd19.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

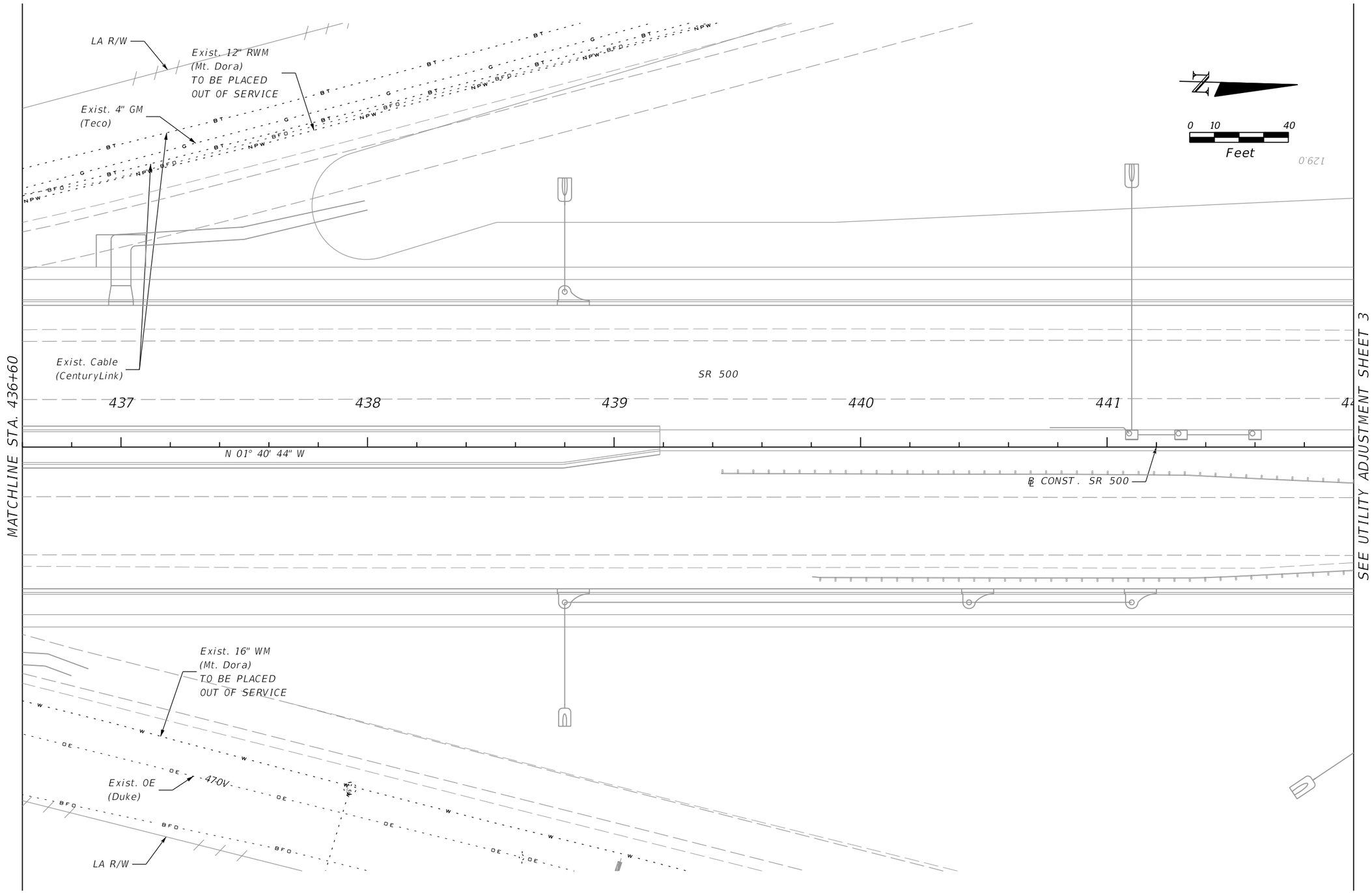
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

UTILITY ADJUSTMENT 20
SR 500

SHEET NO. 580

jcapra 3/28/2016 10:25:00 AM P:\7844-Wekiva3B\23827525201\roadway\utadrd20.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

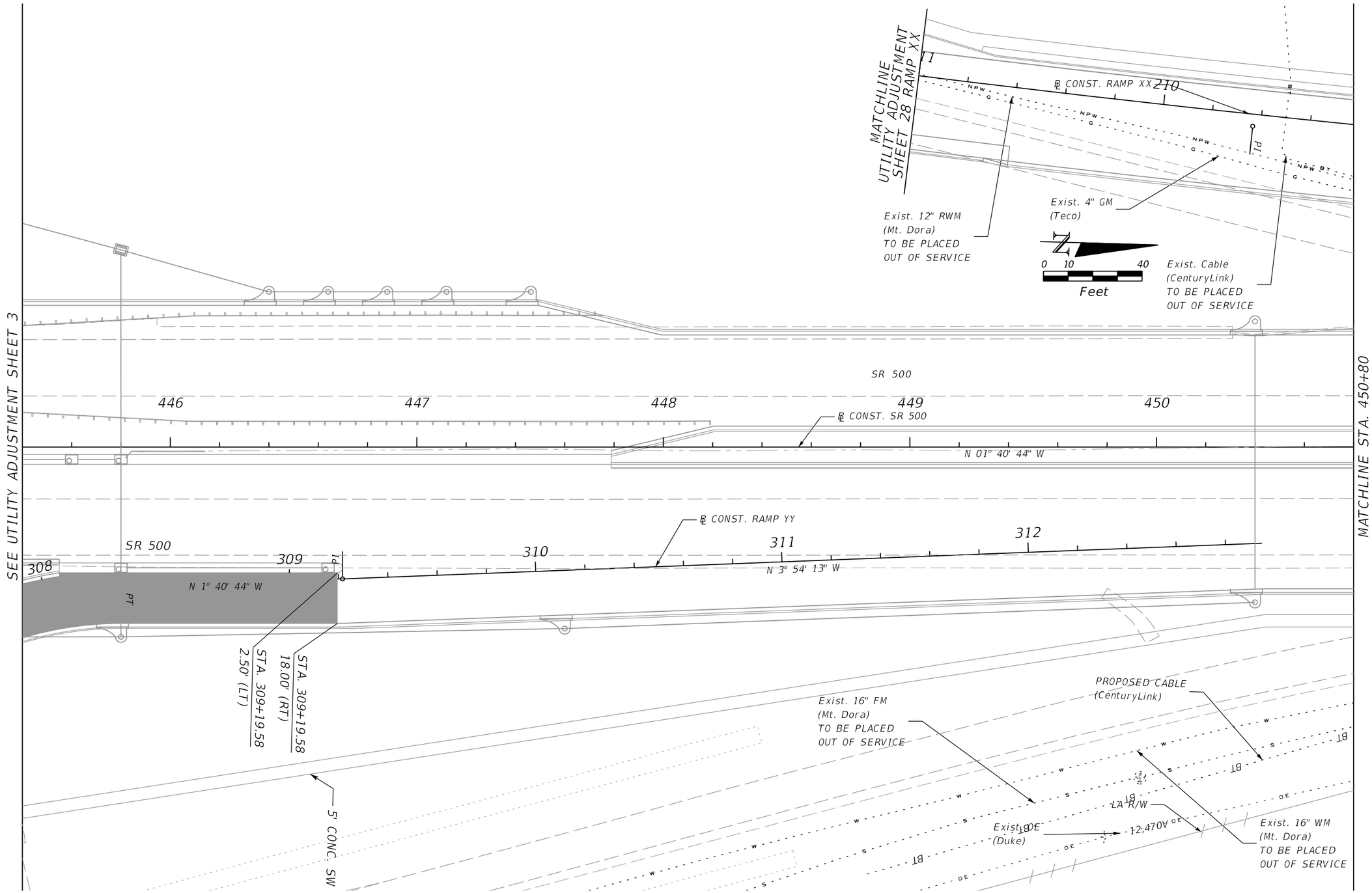
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

UTILITY ADJUSTMENT 21
SR 500

SHEET NO. 581

jcapra 3/28/2016 10:25:02 AM P:\7844-Wekiva3B\23827525201\roadway\utadrd21.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

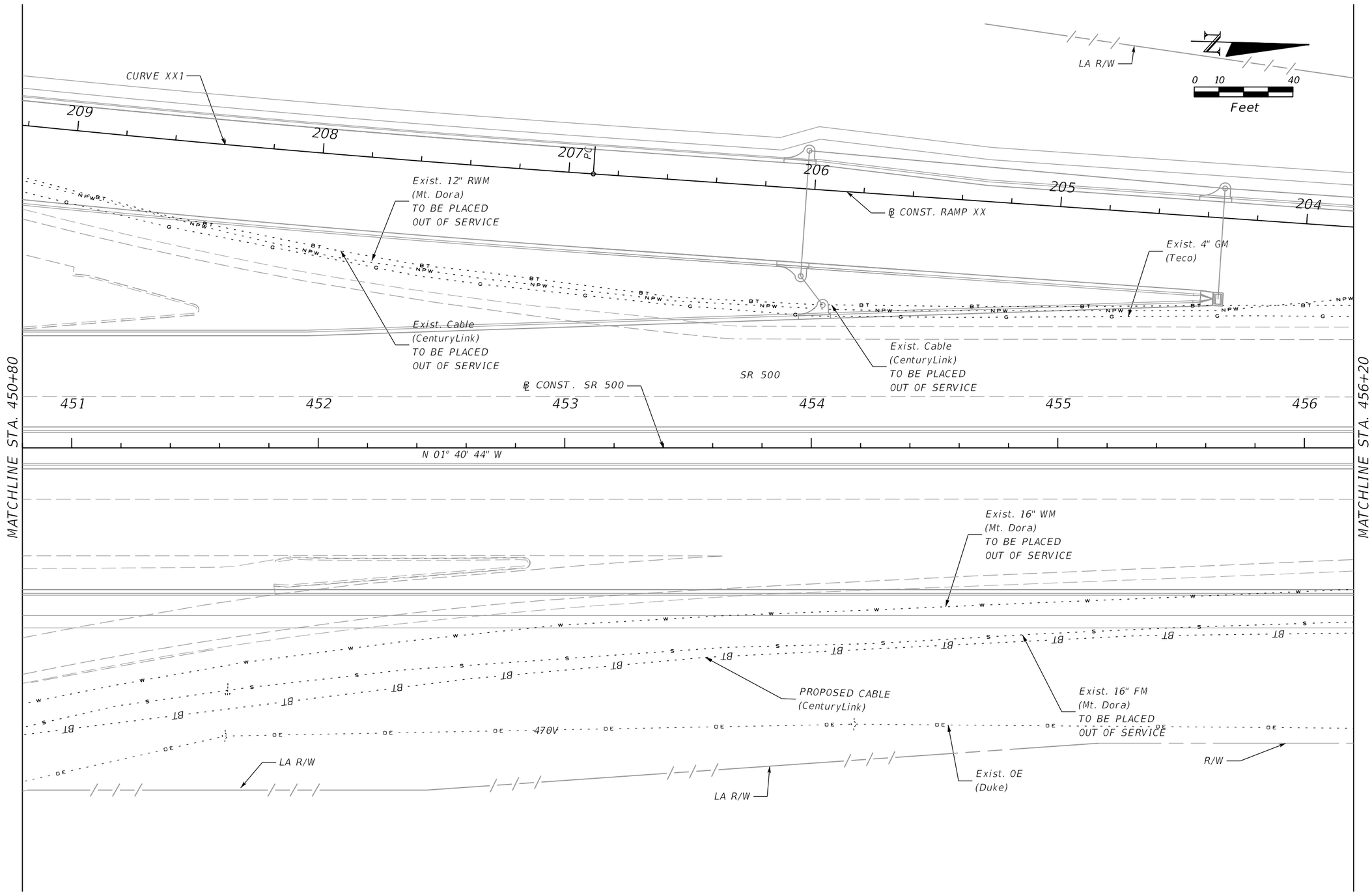
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

UTILITY ADJUSTMENT 22
SR 500

SHEET NO. 582

jcapra 3/28/2016 10:25:03 AM P:\7844-Wekiva3B\23827525201\roadway\utadrd22.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

UTILITY ADJUSTMENT 23
SR 500

SHEET NO. 583

jcapra 3/28/2016 10:25:04 AM P:\7844-Wekiva3B\23827525201\roadway\utadrd23.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

MATCHLINE STA. 456+20

MATCHLINE STA. 461+60

LA R/W

Exist. 69kV OE
(Duke Energy/T)

Exist. 69kV OE
(Duke Energy/T)

69kV
69kV

R/W

R/W

R/W

0 10 40
Feet

Exist. 12" RWM
(Mt. Dora)
TO BE PLACED
OUT OF SERVICE

Exist. 4" GM
(Teco)

℄ CONST. RAMP XX

203 202 201 200 199

NARROW BRIDGE

Exist. Cable
(CenturyLink)
TO BE PLACED
OUT OF SERVICE

SR 500

457 458 459 460 461

NARROW BRIDGE

N 01° 40' 44" W

℄ CONST. SR 500

END WIDENING
BEGIN RECONSTRUCTION
STA. 460+00.00

R/W

Exist. 16" FM
(Mt. Dora)
TO BE PLACED
OUT OF SERVICE

470V

Exist. Cable
(CenturyLink)

PROPOSED CABLE
(CenturyLink)

Exist. 16" WM
(Mt. Dora)
TO BE PLACED
OUT OF SERVICE

R/W

R/W

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

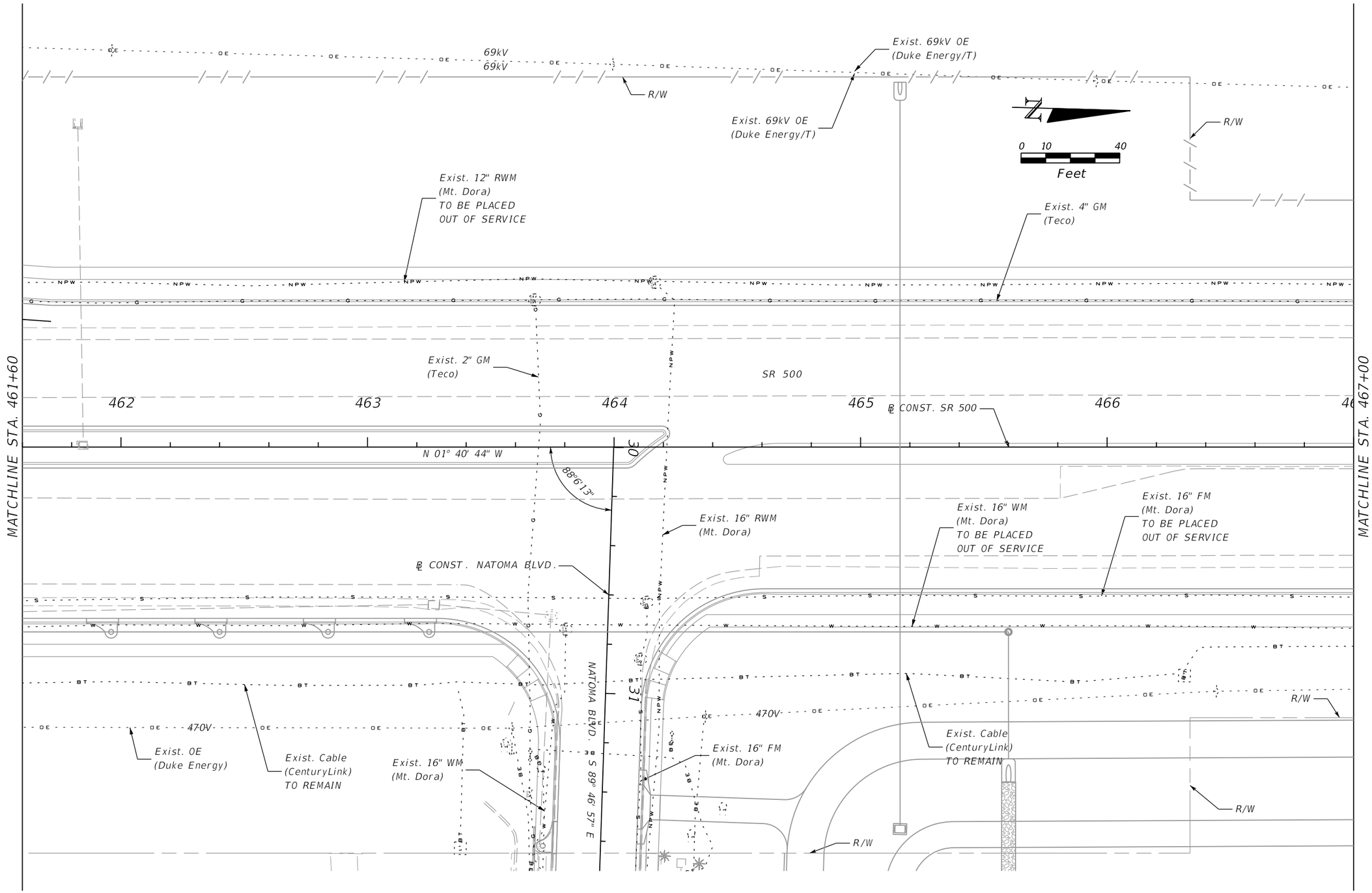
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

UTILITY ADJUSTMENT 24
SR 500

SHEET NO.
584

jcapra 3/28/2016 10:25:06 AM P:\7844-Wekiva3B\23827525201\roadway\utadrd24.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

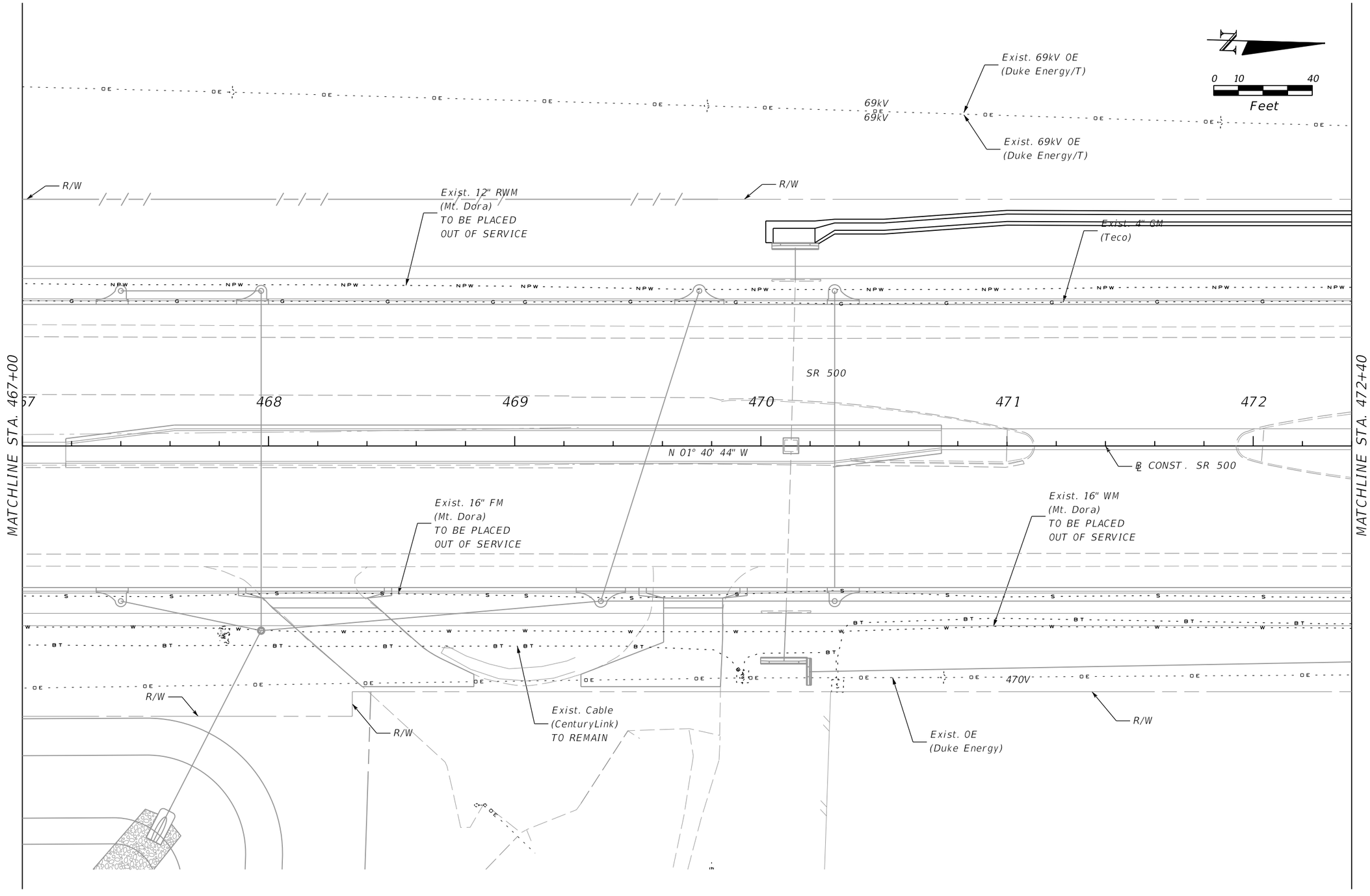
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

UTILITY ADJUSTMENT 25
SR 500

SHEET NO. 585

jcapra 3/28/2016 10:25:07 AM P:\7844-Wekiva3B\23827525201\roadway\utadrd25.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

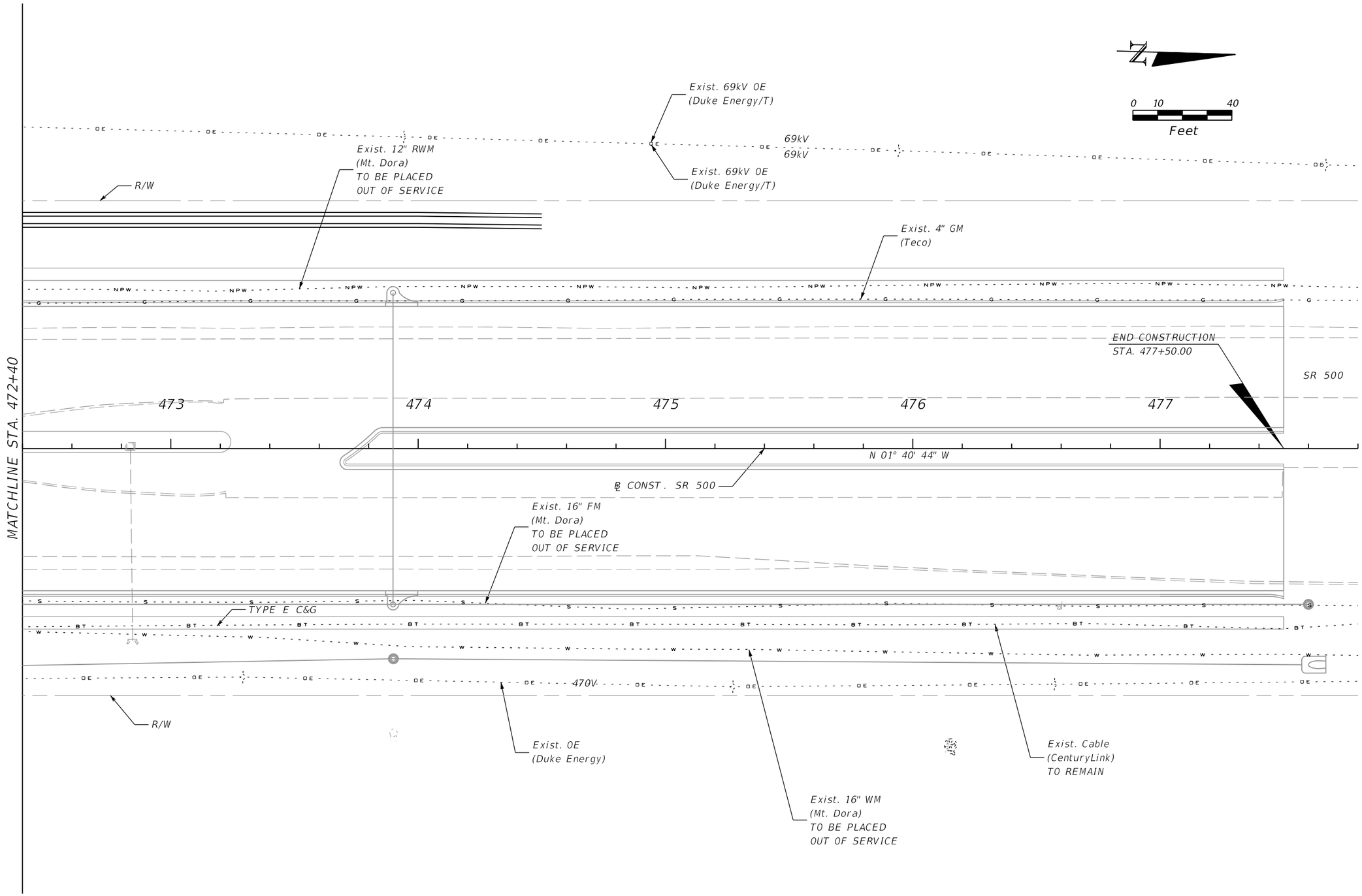
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

UTILITY ADJUSTMENT 26
SR 500

SHEET NO. 586

jcapra 3/28/2016 10:25:08 AM P:\7844-Wekiva3B\23827525201\roadway\utadrd26.dgn

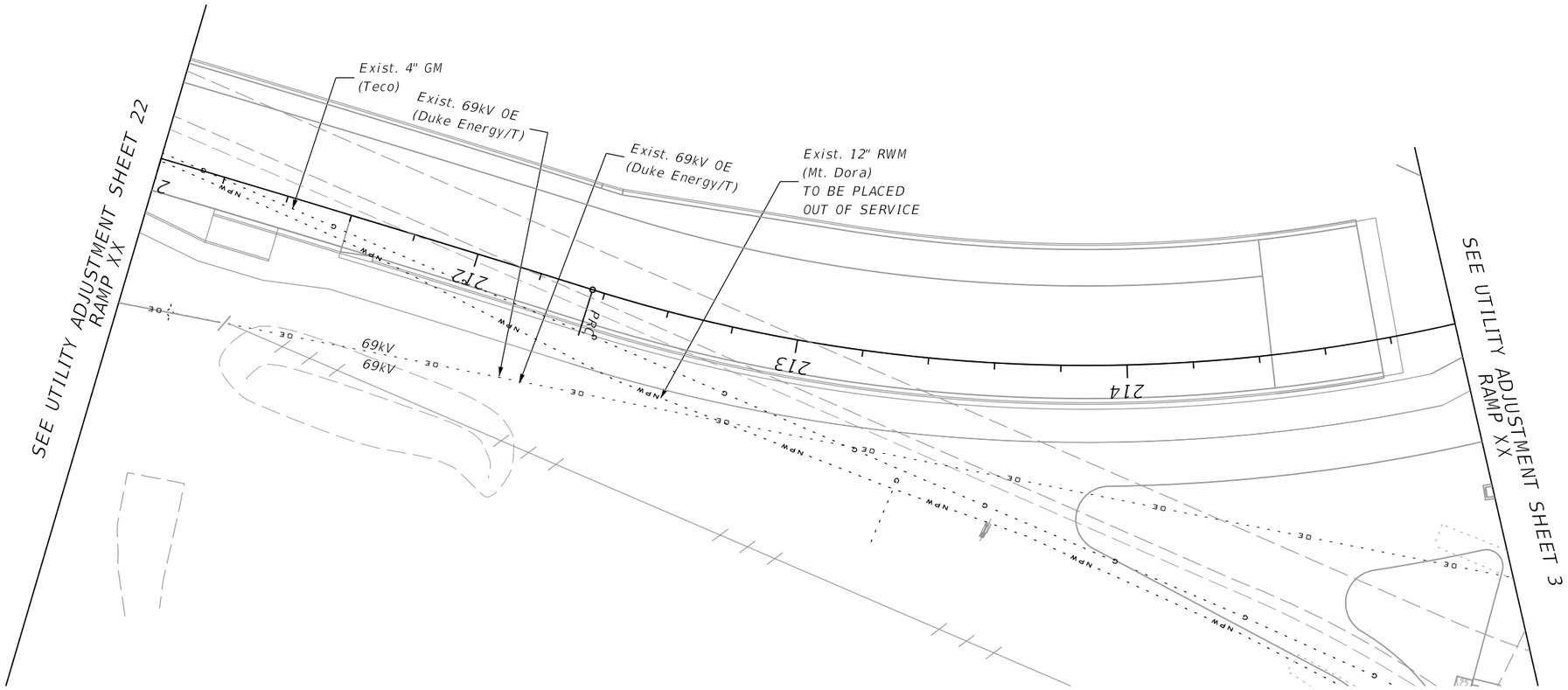
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENT 27 SR 500	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: JEFFREY A. MESSENGER, P.E. FL REGISTRATION NO. 57539	SR 46	LAKE	238275-2-52-01		587

jcapra 3/28/2016 10:25:09 AM P:\7844-Wekiva3B\23827525201\roadway\utadrd27.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENT 28 RAMP XX	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: JEFFREY A. MESSENGER, P.E. FL REGISTRATION NO. 57539	SR 46	LAKE	238275-2-52-01		588

jcapra 3/28/2016 10:25:10 AM P:\7844-Wekiva3B\23827525201\roadway\utadrd28.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.