

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

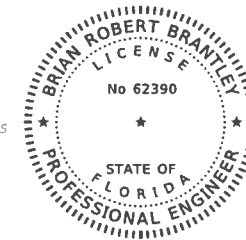
FINANCIAL PROJECT ID 433213-2-58-01
(FEDERAL FUNDS)

MORGAN JOHNSON ROAD SIDEWALK FROM 18TH AVE. E. TO 13TH AVE. E.

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	DRAINAGE MAP
3	EXISTING DRAINAGE STRUCTURE DATA
4	TYPICAL SECTIONS
5	SPECIAL DETAILS
6	TABULATION OF QUANTITIES
7	SUMMARY OF DRAINAGE STRUCTURES
8	GENERAL NOTES
9-12	ROADWAY PLAN-PROFILE
13 - 20	DRAINAGE STRUCTURES
21 - 30	CROSS SECTIONS
31 - 32	DRIVEWAY HALF-SECTIONS
33	TEMPORARY TRAFFIC CONTROL PLAN
34 - 37	UTILITY ADJUSTMENTS
50-1 - 50-6	SUMMARY OF QUANTITIES
CTL-1*	PROJECT CONTROL
CTL-2*	VERTICAL CONTROL DATA SHEET
UTV-1 - UTV-2*	VERIFIED UTILITY LOCATE SHEETS

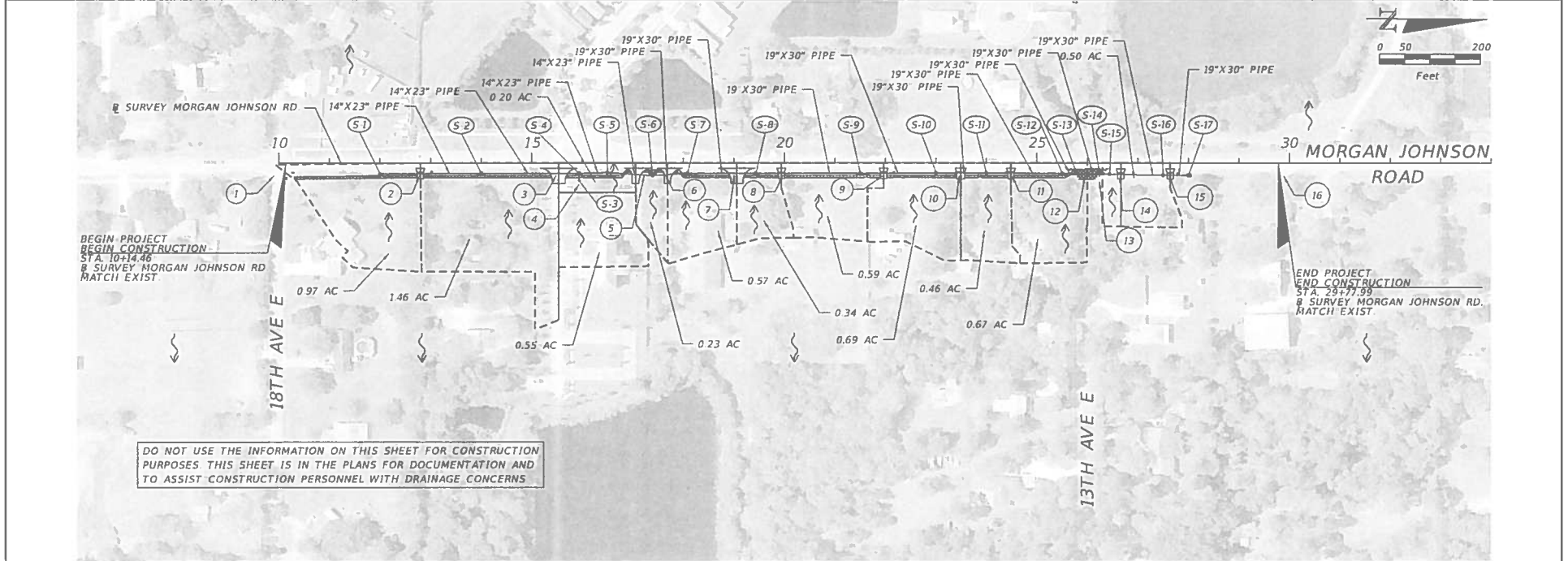
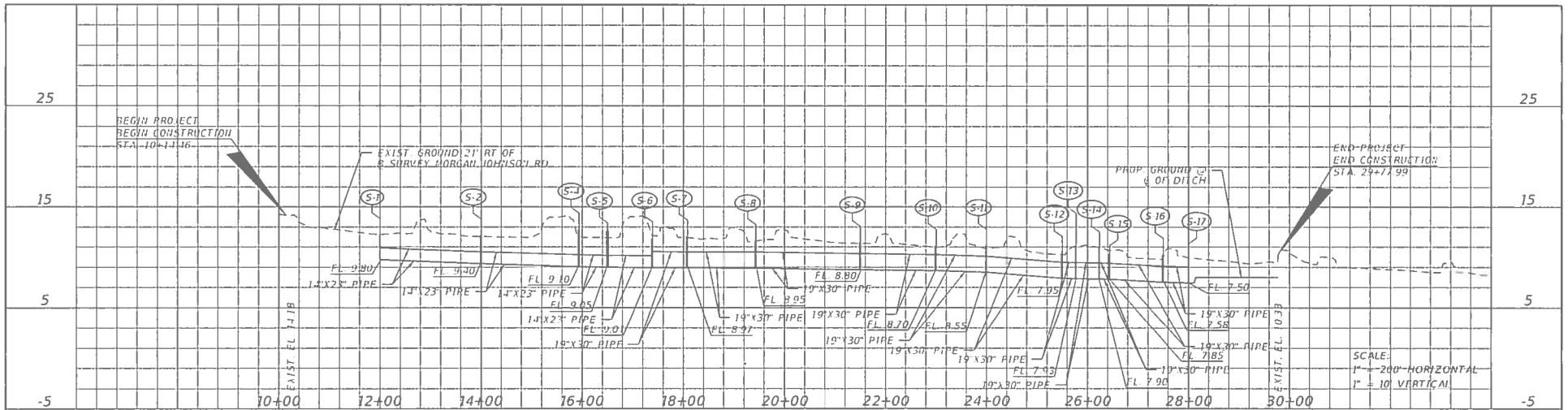
INDEX NO.	SHEET NO.
102-601	1 OF 1
102-602	1 OF 1
102-603	1 - 3 OF 3
102-605	1 OF 1
102-660	1 OF 1

Florida Department of Transportation, July 2018 Standard Specifications
for Road and Bridge Construction at the following website:
<http://www.fdot.gov/programmanagement/Implemented/SpecBooks>



FDOT PROJECT MANAGER:
RYAN WEEKS

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
	19	1



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

REVISIONS				BRIAN ROBERT BRANTLEY, P.E. P.E. LICENSE NUMBER 62390 SCALAR CONSULTING GROUP INC. 13337 N. 56TH STREET TAMPA, FLORIDA 33617 CERTIFICATE OF AUTHORIZATION NO. 29560	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		DRAINAGE MAP	SHEET NO 2
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO	COUNTY		
						MANATEE		
						433213-2-58-01		

EXISTING DRAINAGE STRUCTURE DATA								
EXISTING STRUCTURE NO.	DESCRIPTION	TOP EL. EP EL.	N FL EL.	E FL EL.	W FL EL.	S FL EL.	BOT. EL.	COMMENTS
1	DBI / CROSS DRAIN (12"x18" ERCP)	14.03	12.09	-	-	11.63	-	
2	SIDE DRAINS (14"x23" ERCP)	-	11.19	-	-	11.09	-	
3	SIDE DRAINS (18" RCP)	-	11.44	-	-	11.44	-	
4	DBI / MES (18" RCP)	14.61	-	11.34	11.32	-	-	
5	SIDE DRAINS (18" RCP)	-	11.13	-	-	11.06	-	
6	SIDE DRAINS (18" RCP)	-	10.97	-	-	11.12	-	
7	SIDE DRAINS (14"x23" ERCP)	-	10.90	-	-	10.97	-	
8	SIDE DRAINS (14"x23" ERCP)	-	10.76	-	-	10.81	-	
9	SIDE DRAINS (14"x23" ERCP)	-	10.50	-	-	10.58	-	
10	SIDE DRAINS (14"x23" ERCP)	-	10.10	-	-	10.36	-	
11	SIDE DRAINS (14"x23" ERCP)	-	9.76	-	-	9.84	-	
12	SIDE DRAIN (12"x18" ERCP)	-	8.76	-	-	8.74	-	N FL CONNECTS TO EXISTING STRUCTURE 14
13	MES (10" PVC)	-	-	9.67	-	-	-	NO CONNECTING STRUCTURE FOUND. POSSIBLE JUNCTION BOX
14	DBI / SIDE DRAIN (12"x18" ERCP)	10.53	8.99	-	-	8.78	-	
15	SIDE DRAINS (18" RCP)	-	8.92	-	-	9.03	-	
16	SIDE DRAINS (18" RCP)	-	8.22	-	-	7.98	-	

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		3
						MANATEE	433213-2-58-01		

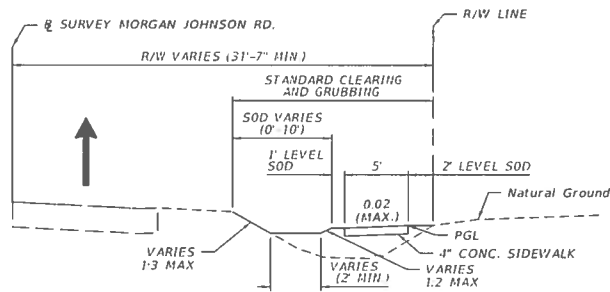
JSE-Brian Brantley

2/28/2018

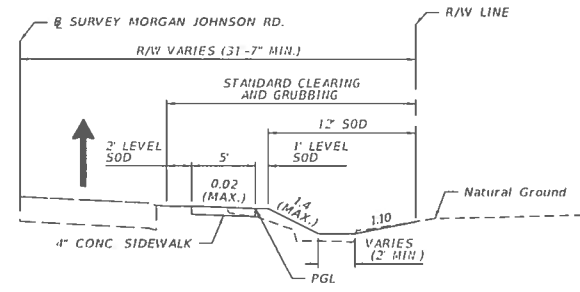
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P:\2015\Briogan Johnson Size\Main (1100) 9 DW SET\1221313-01\drainage\DW01.dwg

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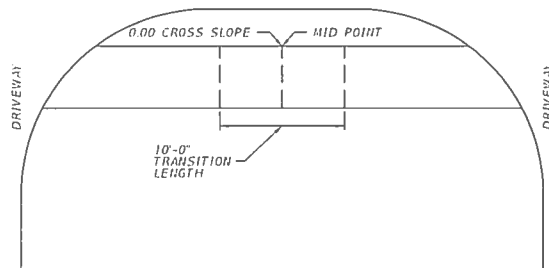
TYPICAL SECTION NO. 1
NTS
STA. 10+30.65 TO STA. 16+83.61
STA. 17+91.94 TO STA. 25+74.95



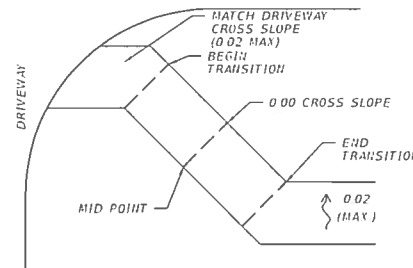
TYPICAL SECTION NO. 2
NTS
STA. 16+83.61 TO STA. 17+91.94

PAVEMENT RESTORATION
12" TYPE B STABILIZATION LBR 40 AND
OPTIONAL BASE GROUP 1 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC B) (1") (PG 76-22)
AND FRICTION COURSE FC-12.5 (TRAFFIC B) (1 1/2") (PG 76-22)
STA. 25+55.93 TO STA. 26+44.37

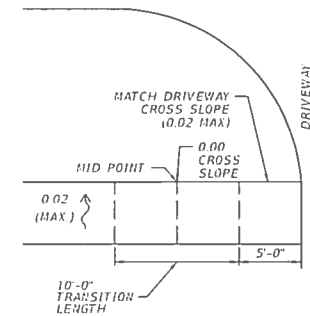
SIDEWALK TRANSITION DETAILS
NTS



MIDPOINT TRANSITIONS
STA. 17+38.97

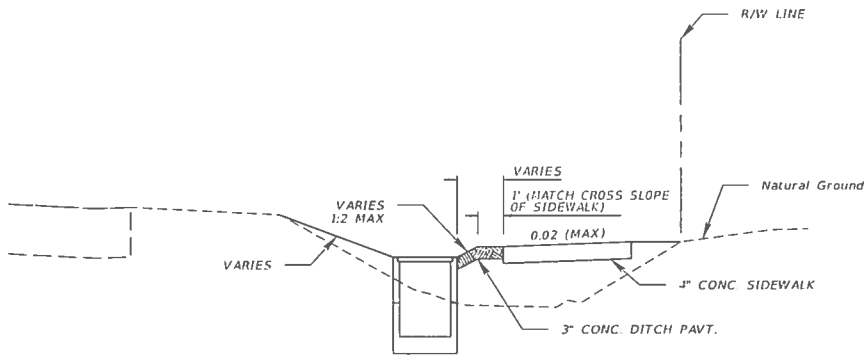


MIDPOINT TRANSITIONS
STA. 17+97.40

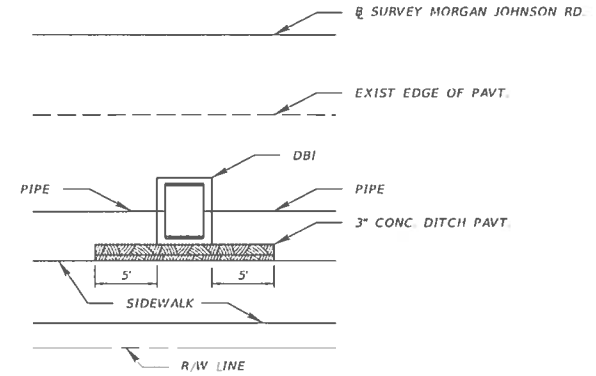


MIDPOINT TRANSITIONS
STA. 19+78.00
STA. 20+10.00
STA. 21+80.50
STA. 22+12.50

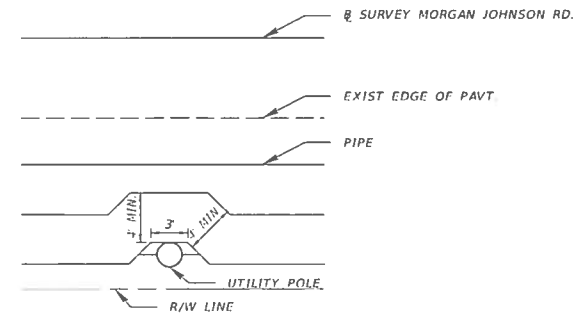
REVISIONS				BRIAN ROBERT BRANTLEY P.E. P.E. LICENSE NUMBER 62390 SCALAR CONSULTING GROUP INC. 13337 N. 56TH STREET TAMPA, FLORIDA 33617 CERTIFICATE OF AUTHORIZATION NO. 29560	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		TYPICAL SECTIONS	SHEET NO 4
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY		
						MANATEE	433213-2-58-01	



**CONCRETE DITCH PAVEMENT DETAIL
CROSS SECTION VIEW**



**CONCRETE DITCH PAVEMENT DETAIL
PLAN VIEW**



**SIDEWALK/UTILITY POLE CONFLICT DETAIL
PLAN VIEW**

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO	COUNTY	FINANCIAL PROJECT ID		
						MANATEE	433213-2-58-01		

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QUANTITY	STR NO.	STATION	SIDE	DESCRIPTION	BARRELS	STORM AND CROSS DRAIN OPTIONAL TYPE (LF)				MANHOLE		DITCH BOTTOM INLETS (EA)	MITERED END SECTION (EA)	SOD (SY)	PIPE FILL (CY)	REMARKS
						ROUND		ELLIPTICAL		1-7	P-8					
						10" PVC	18"	14" X 23"	19" X 30"	<10'	<10'	<10'	24"			
P	EX-1	10+00.00	RT	PIPE											9.6	EXISTING STRUCTURE 1
F																
P	S-1	12+00.00	RT	DBI, PIPE	1			197				1				
F																
P	S-2	14+00.00	RT	DBI, PIPE	1			191				1				
F																
P	S-3	15+93.75	RT	MH, PIPE	1		12				1					
F																
P	S-4	15+93.75	RT	DBI, PIPE	1			54				1				
F																
P	S-5	16+50.00	RT	DBI, PIPE	1			87				1				
F																
P	S-6	17+39.15	RT	DBI, PIPE	1				66			1				
F																
P	S-7	18+07.97	RT	DBI, PIPE	1				133			1				
F																
P	S-8	19+43.15	RT	DBI, PIPE	1				204			1				
F																
P	S-9	21+50.00	RT	DBI, PIPE	1				147			1				
F																
P	S-10	23+00.00	RT	DBI, PIPE	1				97			1				
F																
P	S-11	24+00.00	RT	DBI, PIPE	1				147			1				
F																
P	S-12	25+50.00	RT	DBI, PIPE	1				24			1				
F																
P	S-13	25+77.48	RT	MH, PIPE	1				43	1						
F																
P	S-14	26+23.87	RT	MH, PIPE	1	7			17	1						PVC PIPE AND PIPE FITTINGS TO BE INCLUDED IN COST OF S-14
F																
P	S-15	26+43.93	RT	DBI, PIPE	1				104			1				
F																
P	S-16	27+50.00	RT	DBI, PIPE	1				46			1				
F																
P	S-17	28+00.00	RT	NES	1								1	30		NES 1:4
F																
SHEET TOTALS				PLAN QUANTITY		7	12	529	1028	2	1	13	1	30	9.6	
				FINAL QUANTITY												

REVISIONS				BRIAN ROBERT BRANTLEY, P.E. P.E. LICENSE NUMBER 62390 SCALAR CONSULTING GROUP INC. 13337 N. 56TH STREET TAMPA, FLORIDA 33617 CERTIFICATE OF AUTHORIZATION NO. 29560	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF DRAINAGE STRUCTURES	SHEET NO. 7
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO	COUNTY	FINANCIAL PROJECT ID		
						MANATEE	433213-2-58-01		

DESIGNED BY: Brian Brantley

DATE: 2/28/2018

TIME: 9:47:19 AM

PROJECT: 2013-2014 Manatee County Roadway Improvement Project (RIP) - 2013-2014 Manatee County Roadway Improvement Project (RIP) - 2013-2014 Manatee County Roadway Improvement Project (RIP)

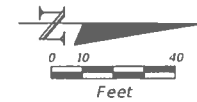
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GENERAL NOTES

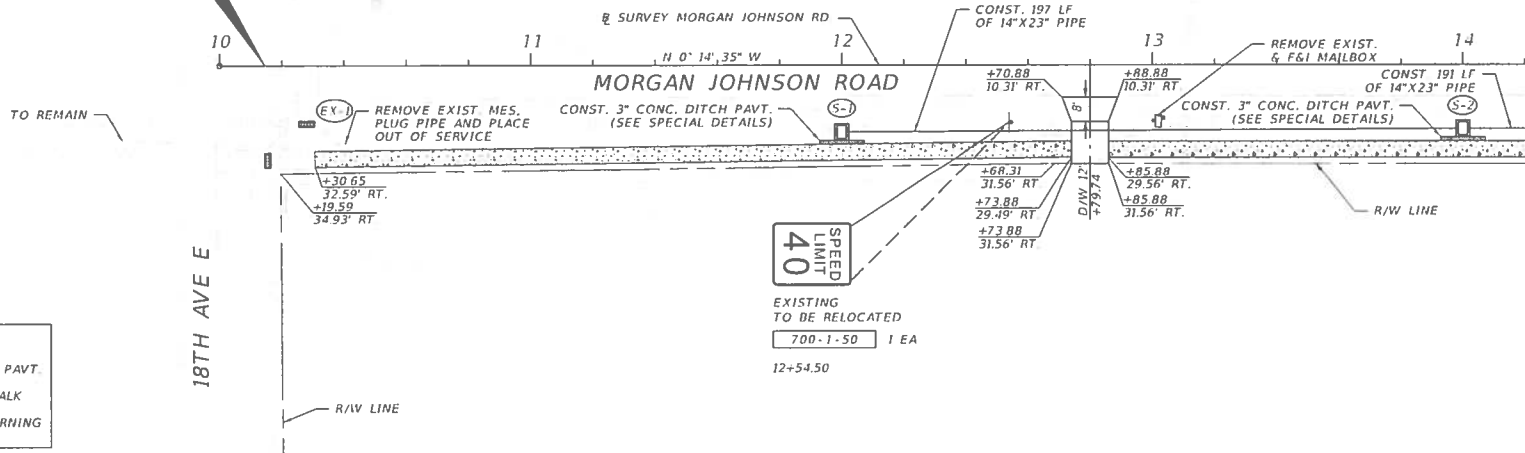
- 1. BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)
- 2. MOWING AND LITTER REMOVAL WITHIN THE PROJECT LIMITS SHALL BE PERFORMED BY MANATEE COUNTY
- 3. NOTIFY WILLIAM H. BASHAW ELEMENTARY SCHOOL A MINIMUM OF 14 DAYS IN ADVANCE OF PERFORMING ANY LANE CLOSURES OR DETOURS DO NOT RESTRICT ANY ACCESS POINT TO THE SCHOOL DURING ANY SCHEDULED EVENT
- 4. PROPOSED CONCRETE DRIVEWAYS AND SIDEWALK ARE TO BE CONSTRUCTED WITH 3000 PSI (MINIMUM) CONCRETE
- 5. ALL PIPES SHALL BE ELLIPTICAL STEEL REINFORCED CONCRETE (ERCP) WITH A MINIMUM CLASS III CLASSIFICATION OR HIGHER UNLESS OTHERWISE NOTED IN THE PLANS
- 6. PROPOSED ROADSIDE SLOPES TO BE GRADED TO DRAIN TO INLET
- 7. REMOVE ALL EXISTING DRAINAGE STRUCTURES UNLESS OTHERWISE NOTED IN THE PLANS

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DATE	DESCRIPTION	DATE	DESCRIPTION						
					ROAD NO.	COUNTY	FINANCIAL PROJECT ID		8
						MANATEE	433213-2-58-01		

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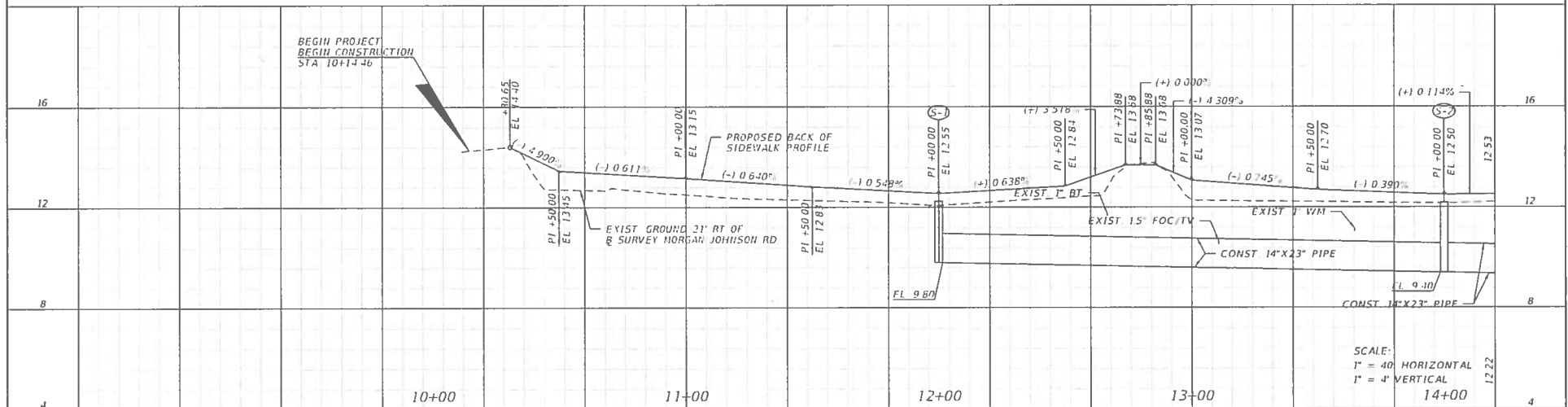
BEGIN PROJECT
BEGIN CONSTRUCTION
STA. 10+14.46
R SURVEY MORGAN JOHNSON RD.
MATCH EXIST.



LEGEND	
	3" CONC. DITCH PAVT.
	4" CONC. SIDEWALK
	DETECTABLE WARNING

40
SPEED
LIMIT

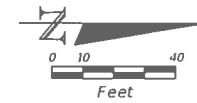
EXISTING
TO BE RELOCATED
700-1-50 1 EA
12+54.50



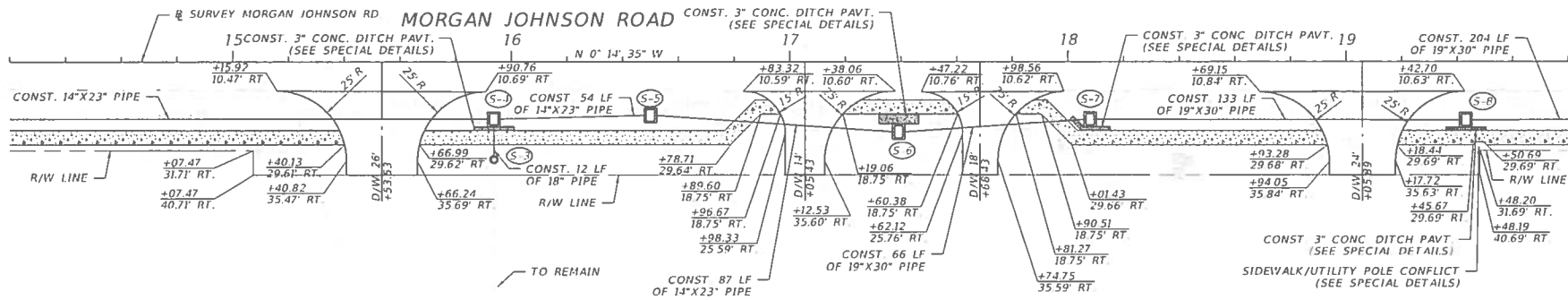
SCALE:
1" = 40' HORIZONTAL
1" = 4' VERTICAL

REVISIONS				BRIAN ROBERT BRANTLEY, P.E. P.E. LICENSE NUMBER 62390 SCALAR CONSULTING GROUP INC 13337 N. 56TH STREET TAMPA, FLORIDA 33617 CERTIFICATE OF AUTHORIZATION NO. 29560	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN-PROFILE	SHEET NO. 9
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						MANATEE	433213 2 58-01		

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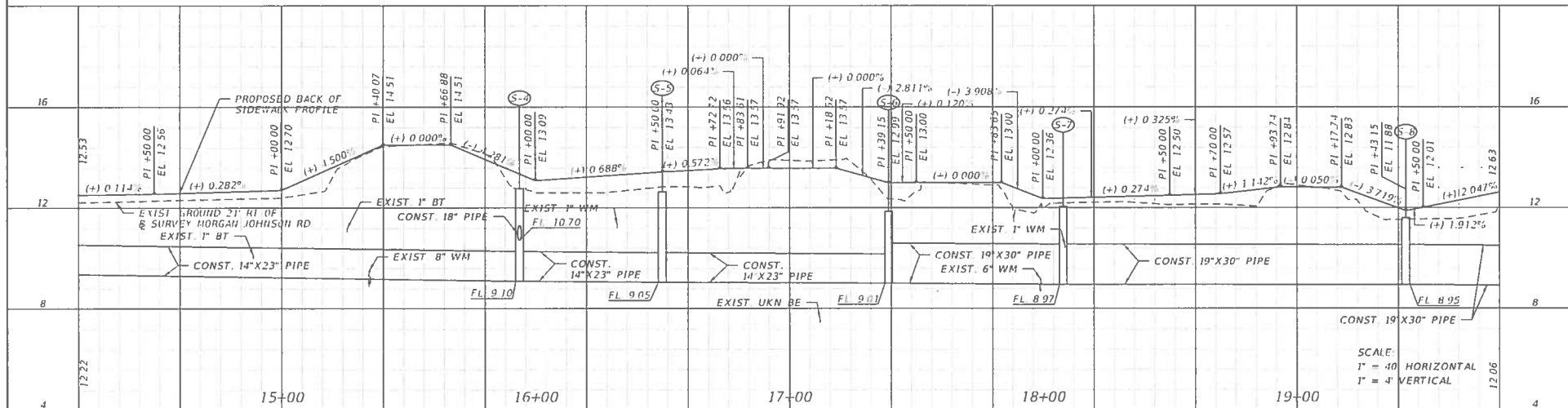


RIVER SOUND



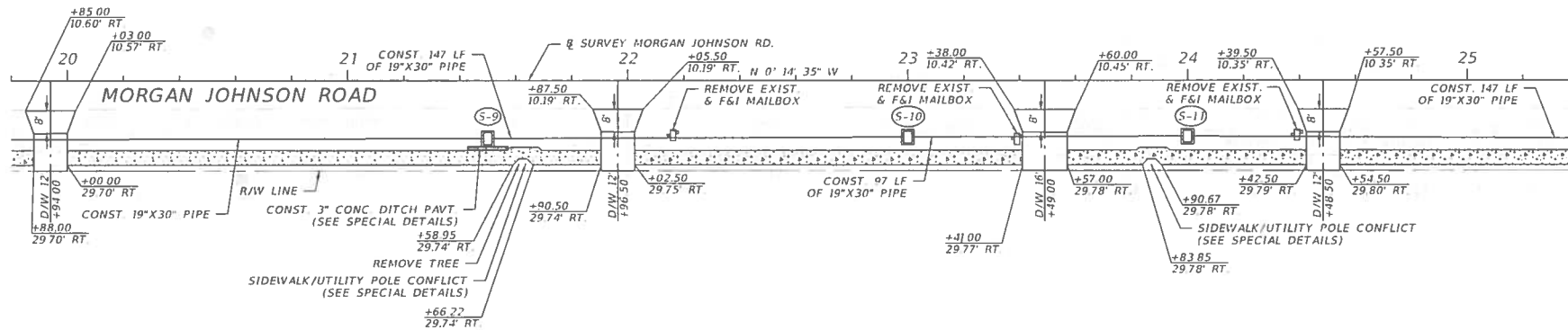
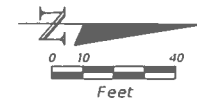
LEGEND

- 3" CONC. DITCH PAVT.
- 4" CONC SIDEWALK

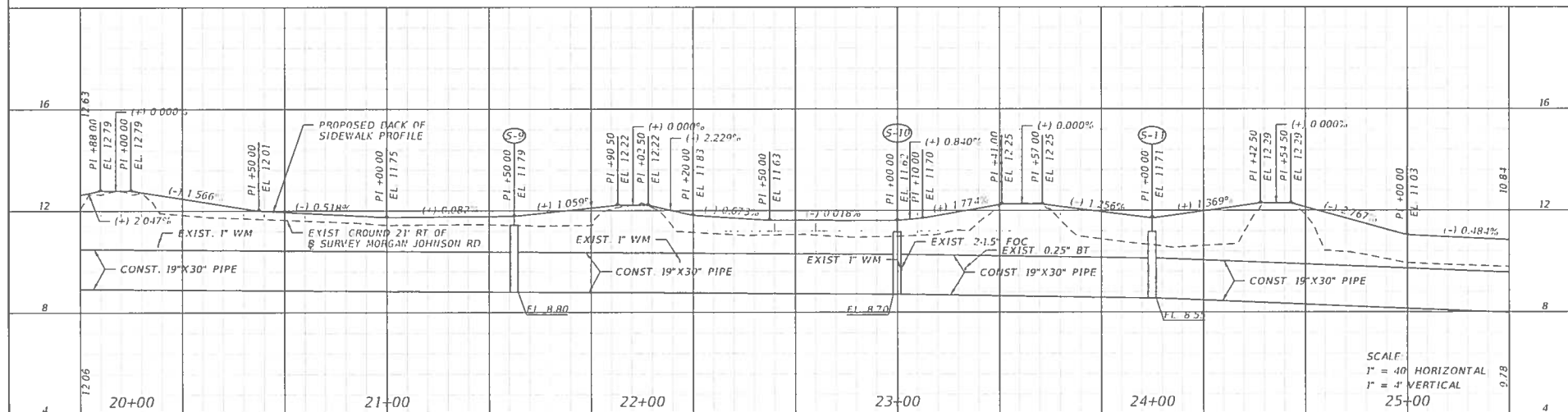


REVISIONS				BRIAN ROBERT BRANTLEY P.E. P.E. LICENSE NUMBER 67390 SCALAR CONSULTING GROUP INC. 3337 N. 58TH STREET TAMPA, FLORIDA 33617 CERTIFICATE OF AUTHORIZATION NO. 29560	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN-PROFILE	SHEET NO. 10
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO	COUNTY	FINANCIAL PROJECT ID		
						MANATEE	433213 2-58-01		

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LEGEND	
	3" CONC. DITCH PAVT.
	4" CONC SIDEWALK

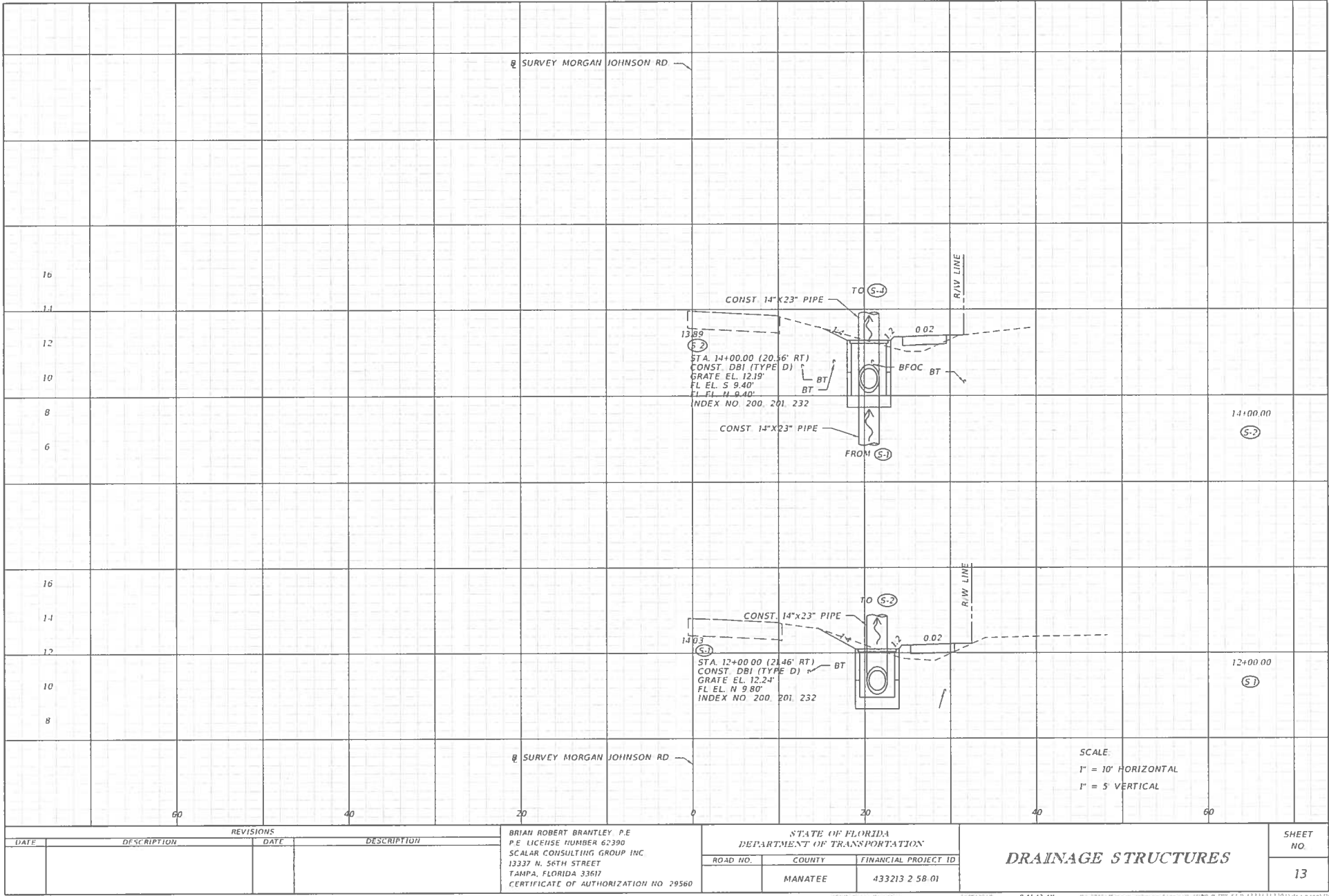


SCALE:
1" = 40' HORIZONTAL
1" = 4' VERTICAL

REVISIONS		DESCRIPTION	BRIAN ROBERT BRANTLEY, P.E. P.E. LICENSE NUMBER 62390 SCALAR CONSULTING GROUP INC. 33337 N. 58TH STREET TAMPA, FLORIDA 33617 CERTIFICATE OF AUTHORIZATION NO. 29560	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		ROADWAY PLAN-PROFILE	SHEET NO. 11
DATE	DESCRIPTION	DATE		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					MANATEE	433213 2 58-01	

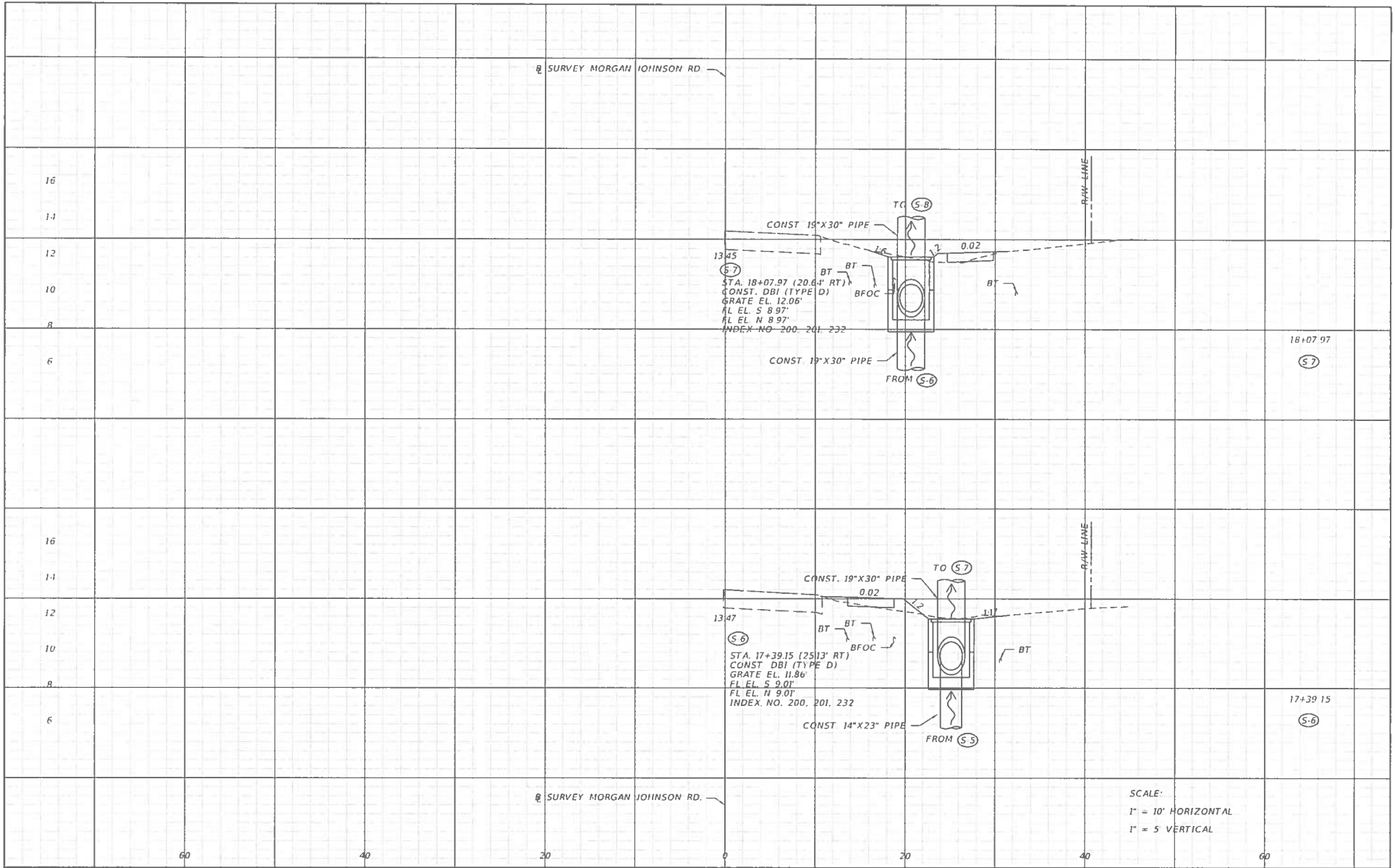
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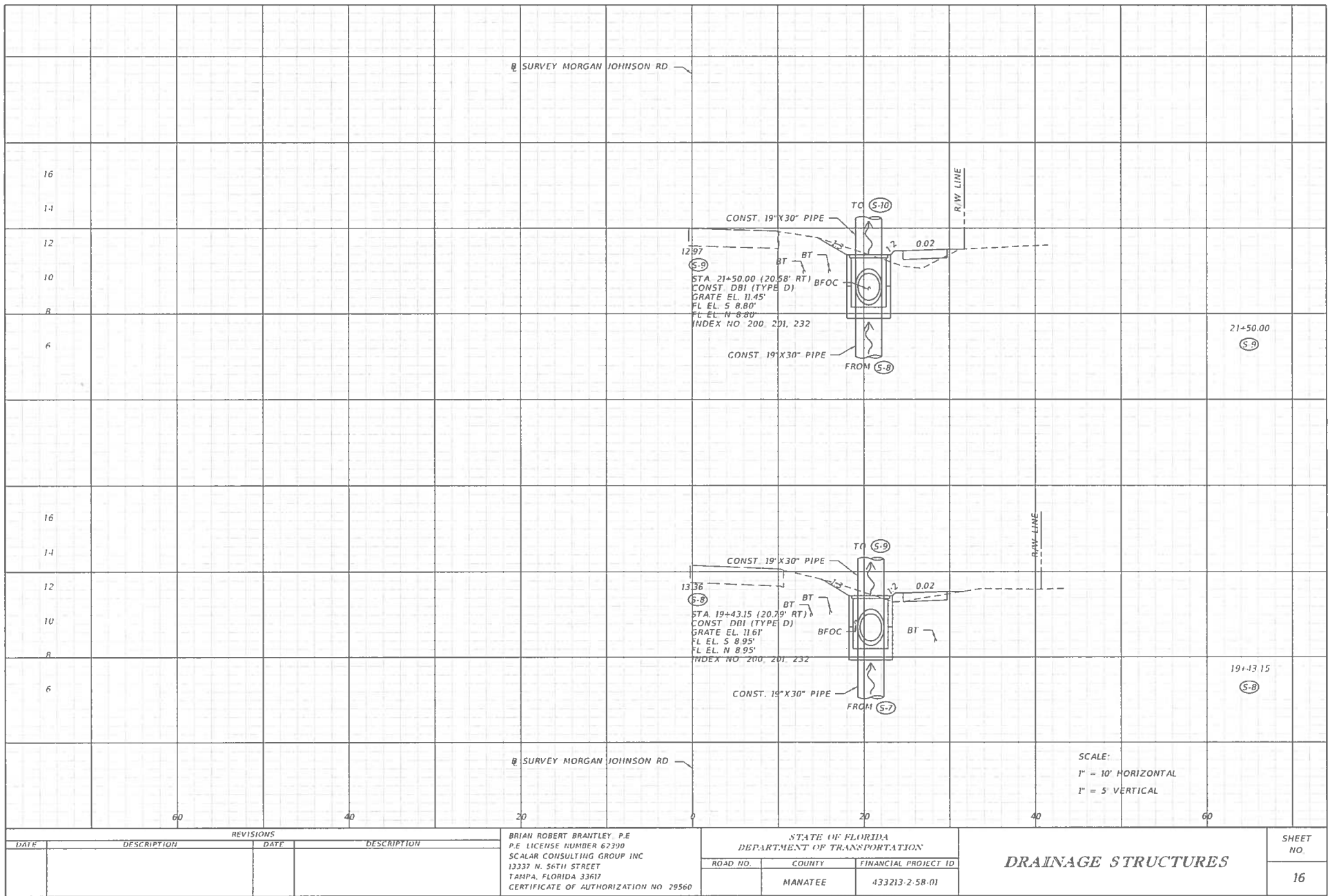
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REVISIONS				BRIAN ROBERT BRANTLEY, P.E. P.E. LICENSE NUMBER 62390 SCALAR CONSULTING GROUP INC. 13337 N. 56TH STREET TAMPA, FLORIDA 33617 CERTIFICATE OF AUTHORIZATION NO. 29560	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES	SHEET NO. 13
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						MANATEE	433213 2 58 01		

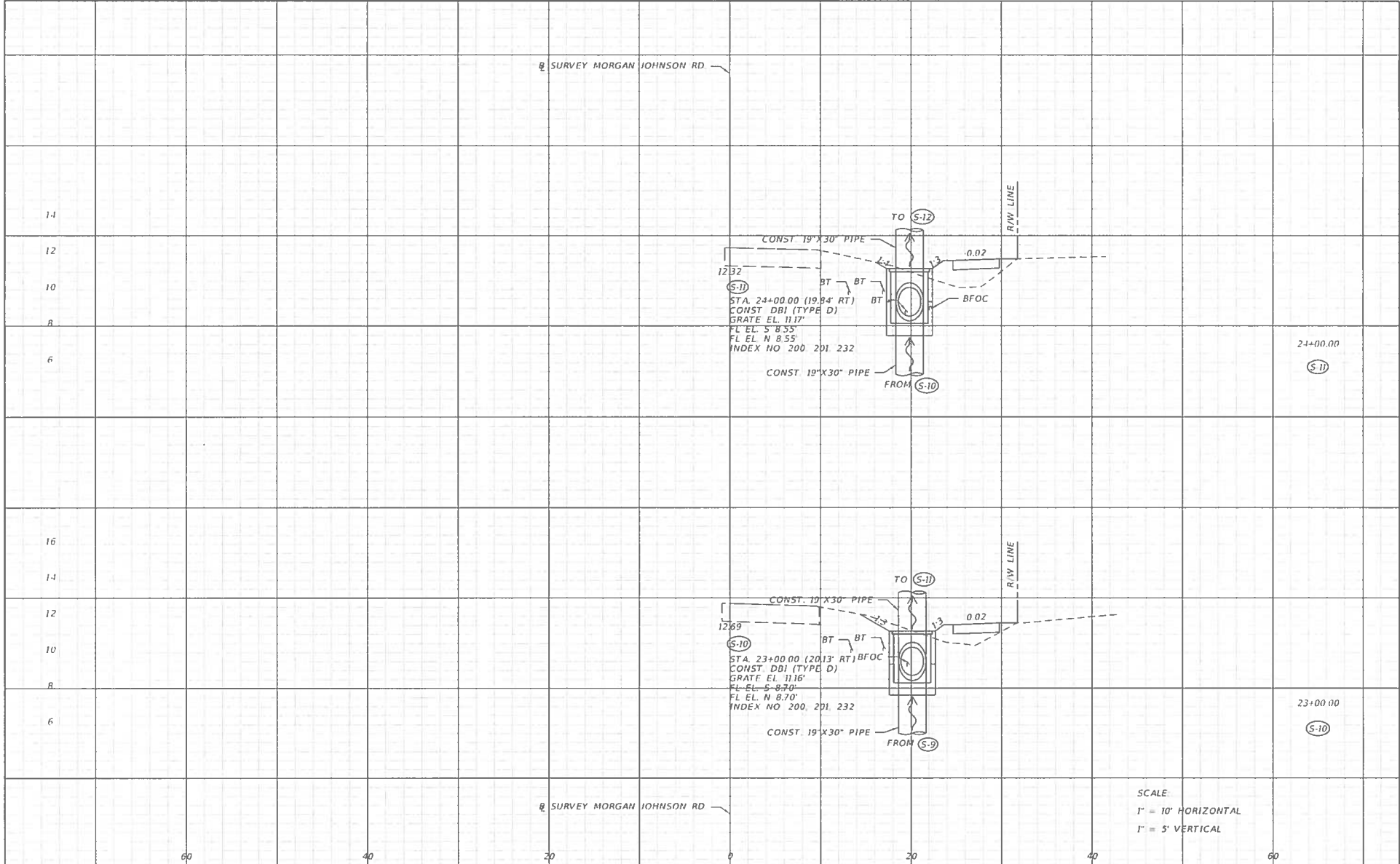


REVISIONS				BRIAN ROBERT BRANTLEY, P.E. P.E. LICENSE NUMBER 62390 SCALAR CONSULTING GROUP INC. 13337 N. 56TH STREET TAMPA, FLORIDA 33617 CERTIFICATE OF AUTHORIZATION NO. 29560	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		DRAINAGE STRUCTURES SHEET NO. 15
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	
						MANATEE	

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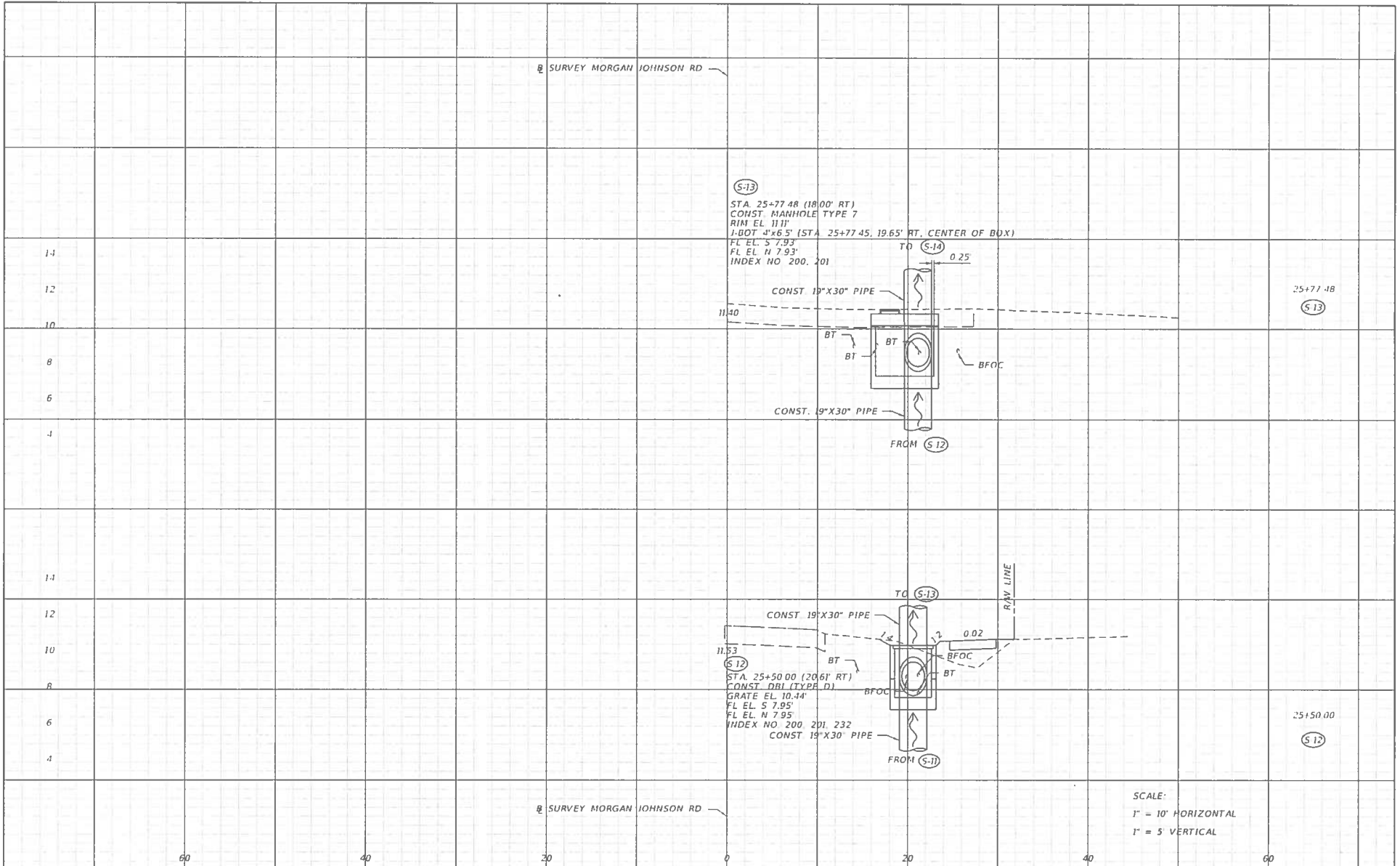
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY		
						MANATEE	433213 2 58-01	

SCALE:
1" = 10' HORIZONTAL
1" = 5' VERTICAL

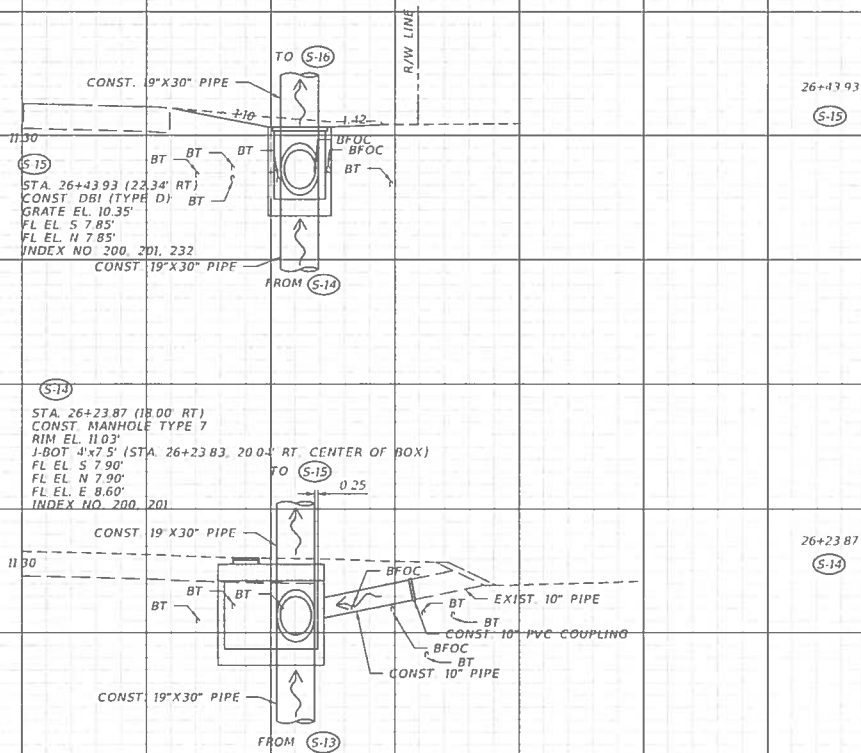
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REVISIONS				BRIAN ROBERT BRANTLEY, P.E. P.E. LICENSE NUMBER 62390 SCALAR CONSULTING GROUP INC. 12337 N. 56TH STREET TAMPA, FLORIDA 33617 CERTIFICATE OF AUTHORIZATION NO. 29560	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		DRAINAGE STRUCTURES	SHEET NO 18
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO	COUNTY		
						MANATEE		
					FINANCIAL PROJECT ID			
					433213 2 58-01			

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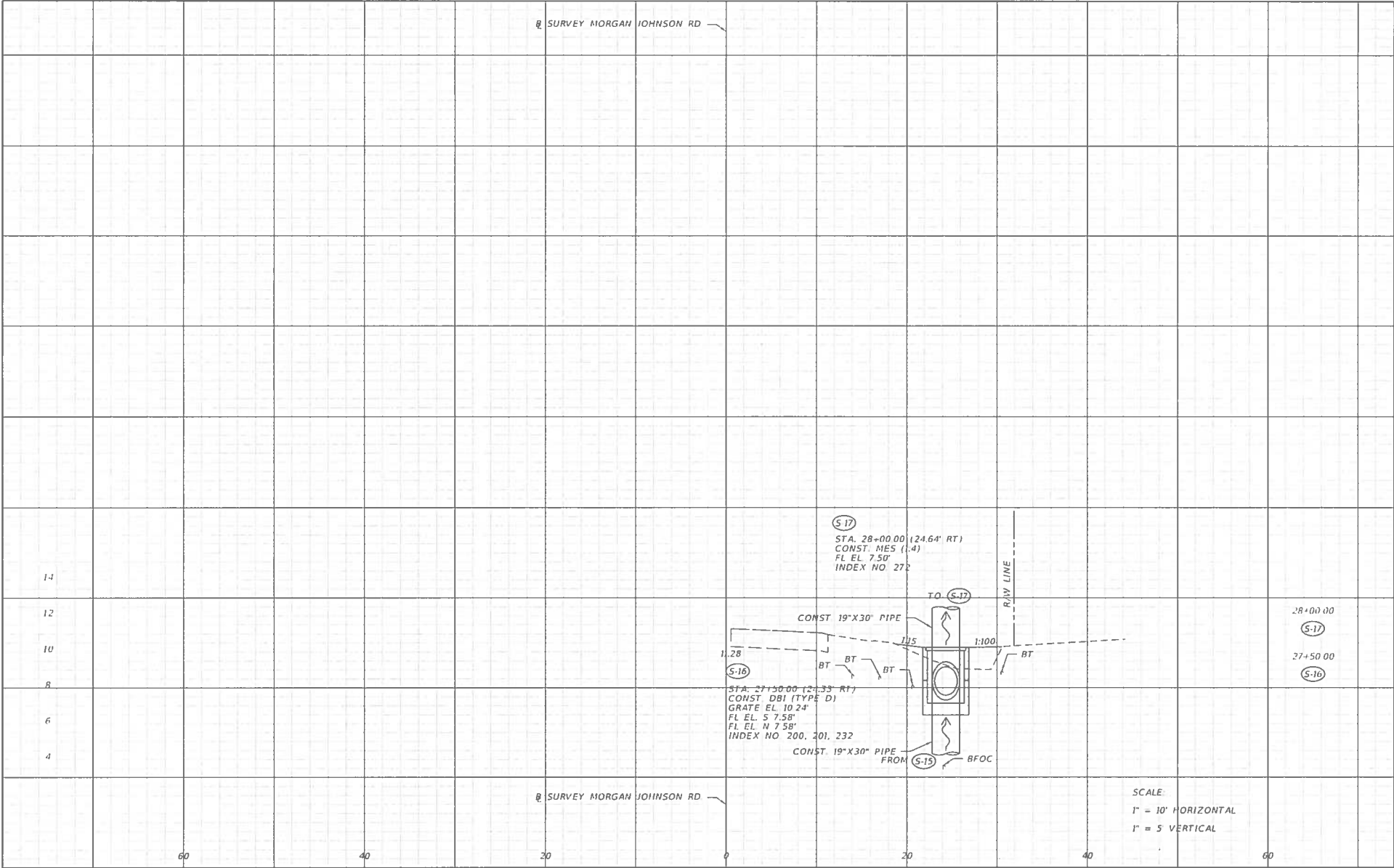
8 SURVEY MORGAN JOHNSON RD



8 SURVEY MORGAN JOHNSON RD

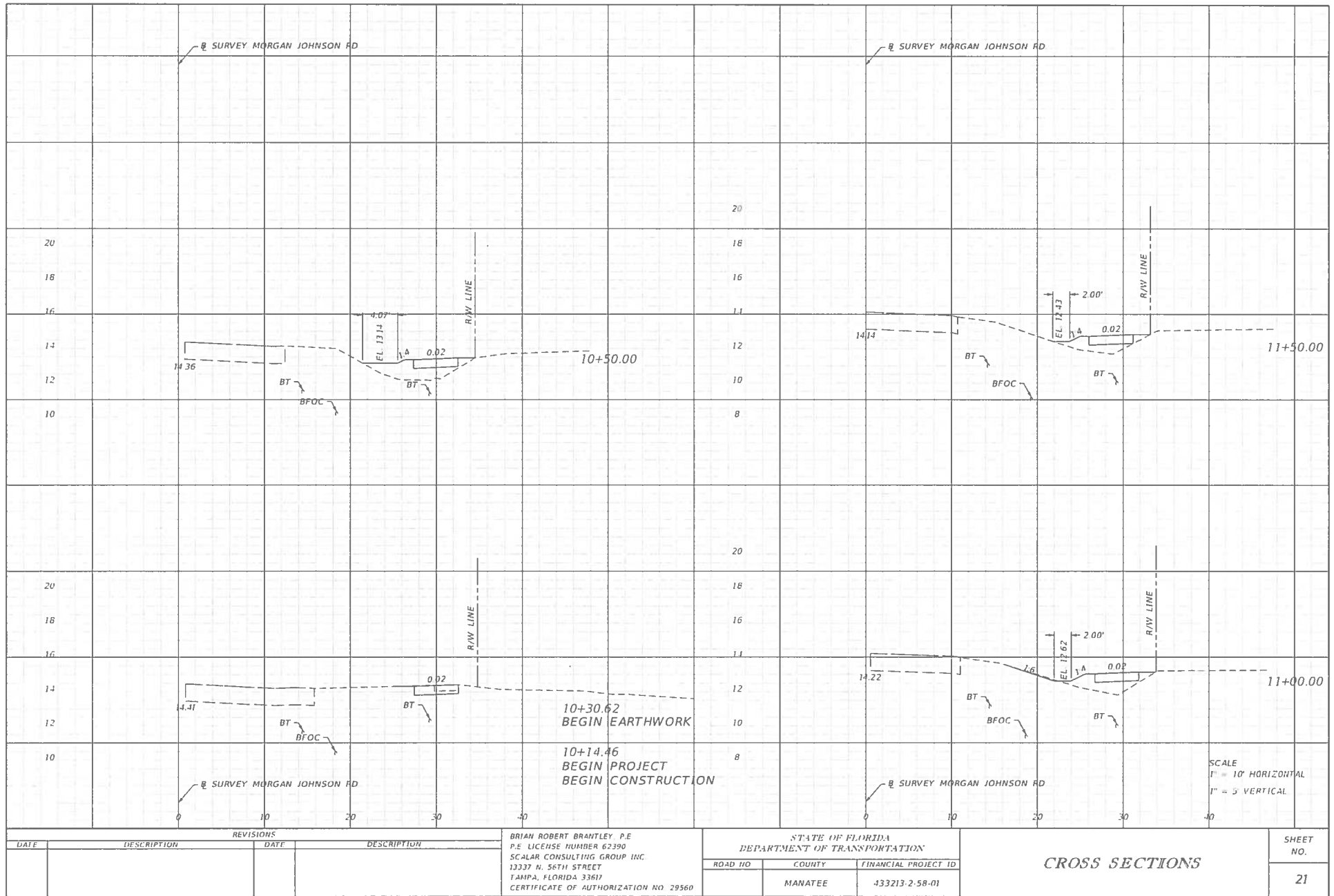
REVISIONS		DESCRIPTION		BRIAN ROBERT BRANTLEY, P.E. P.E. LICENSE NUMBER 62390 SCALAR CONSULTING GROUP INC. 13337 N. 56TH STREET TAMPA, FLORIDA 33617 CERTIFICATE OF AUTHORIZATION NO. 29560	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		FINANCIAL PROJECT ID	DRAINAGE STRUCTURES	SHEET NO. 19
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY			
						MANATEE			

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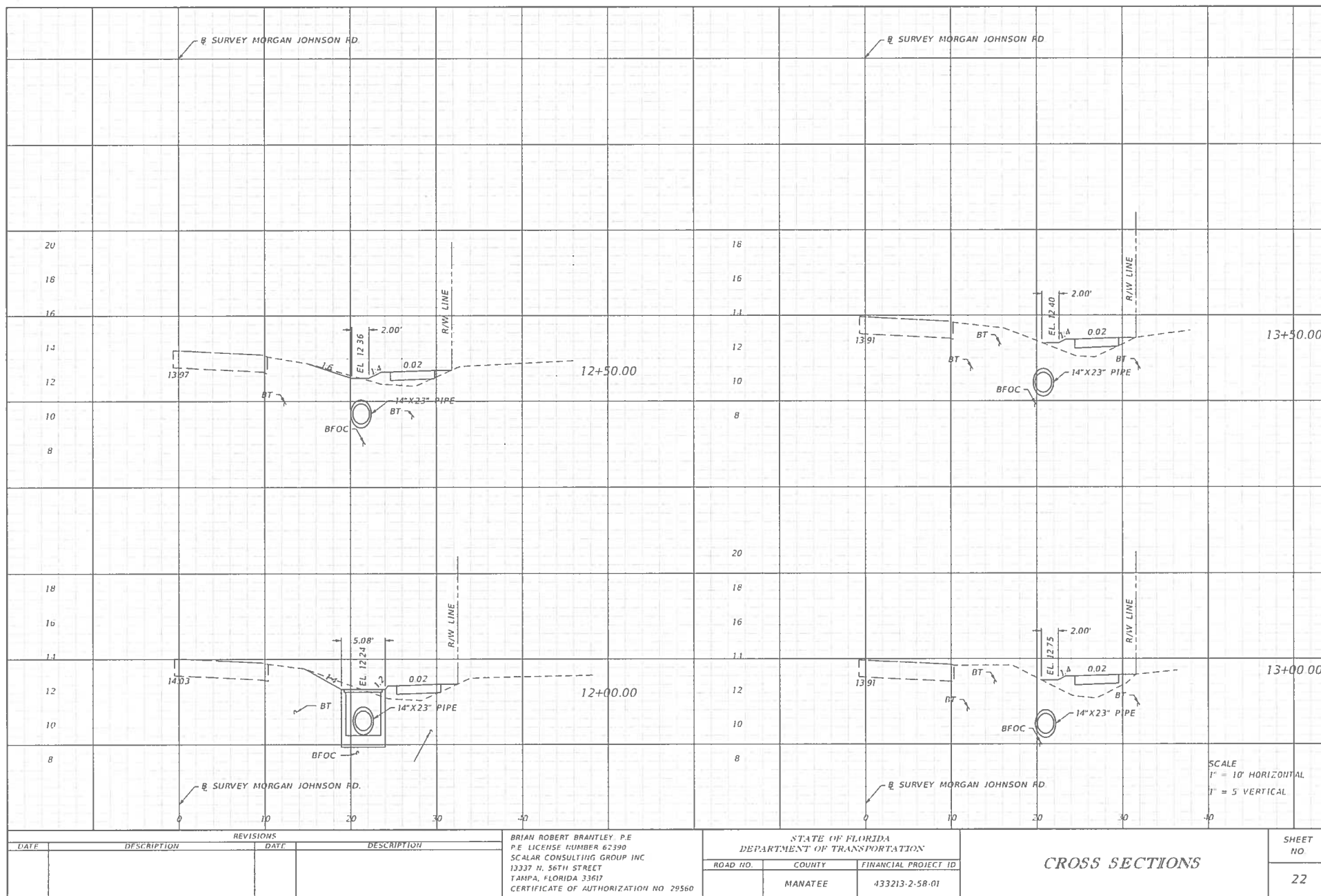
REVISIONS				BRIAN ROBERT BRANTLEY, P.E. P.E. LICENSE NUMBER 62390 SCALAR CONSULTING GROUP INC 13337 N. 56TH STREET TAMPA, FLORIDA 33617 CERTIFICATE OF AUTHORIZATION NO. 29560	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		FINANCIAL PROJECT ID		DRAINAGE STRUCTURES	SHEET NO. 20
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO	COUNTY				
						MANATEE		433213 2 58-01		

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

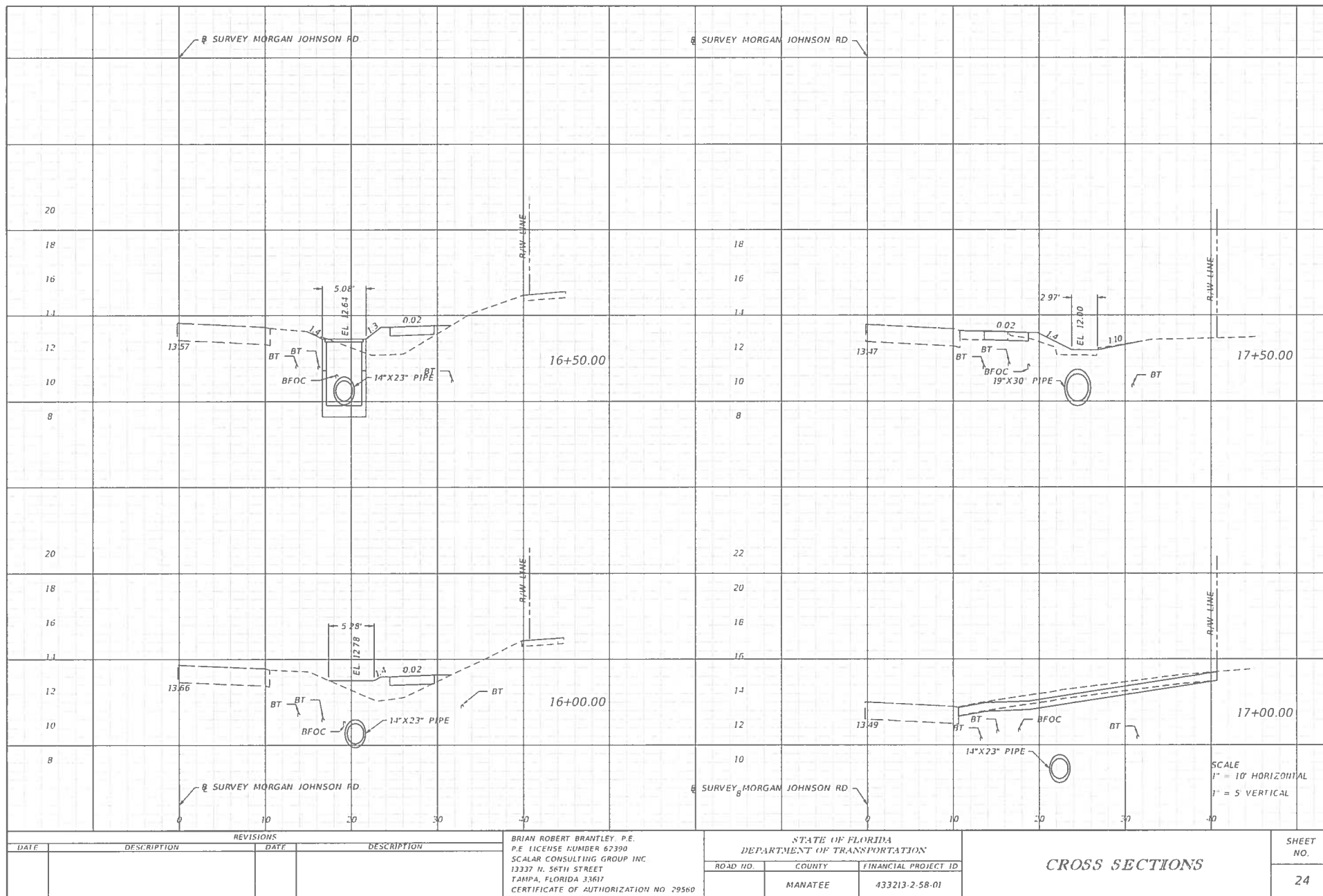


THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.001, F.A.C.

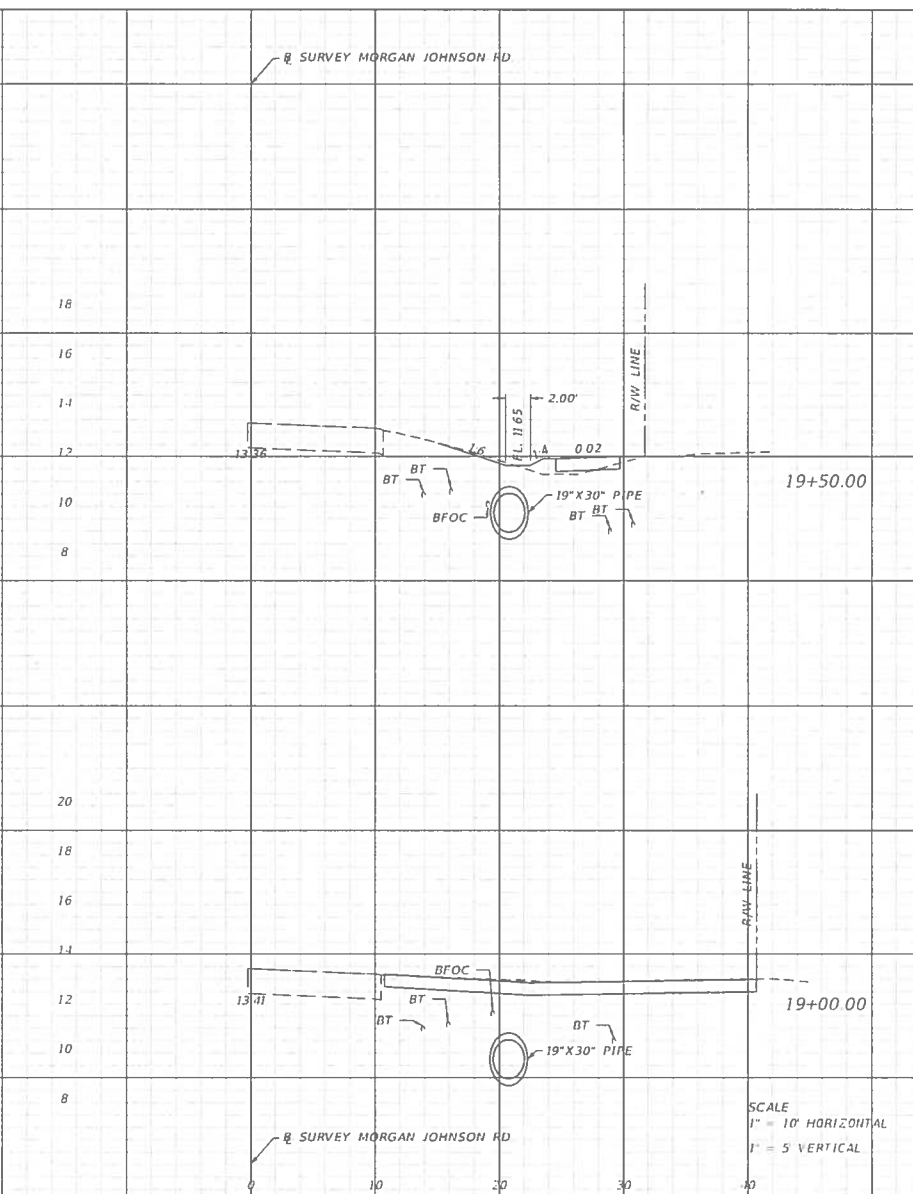
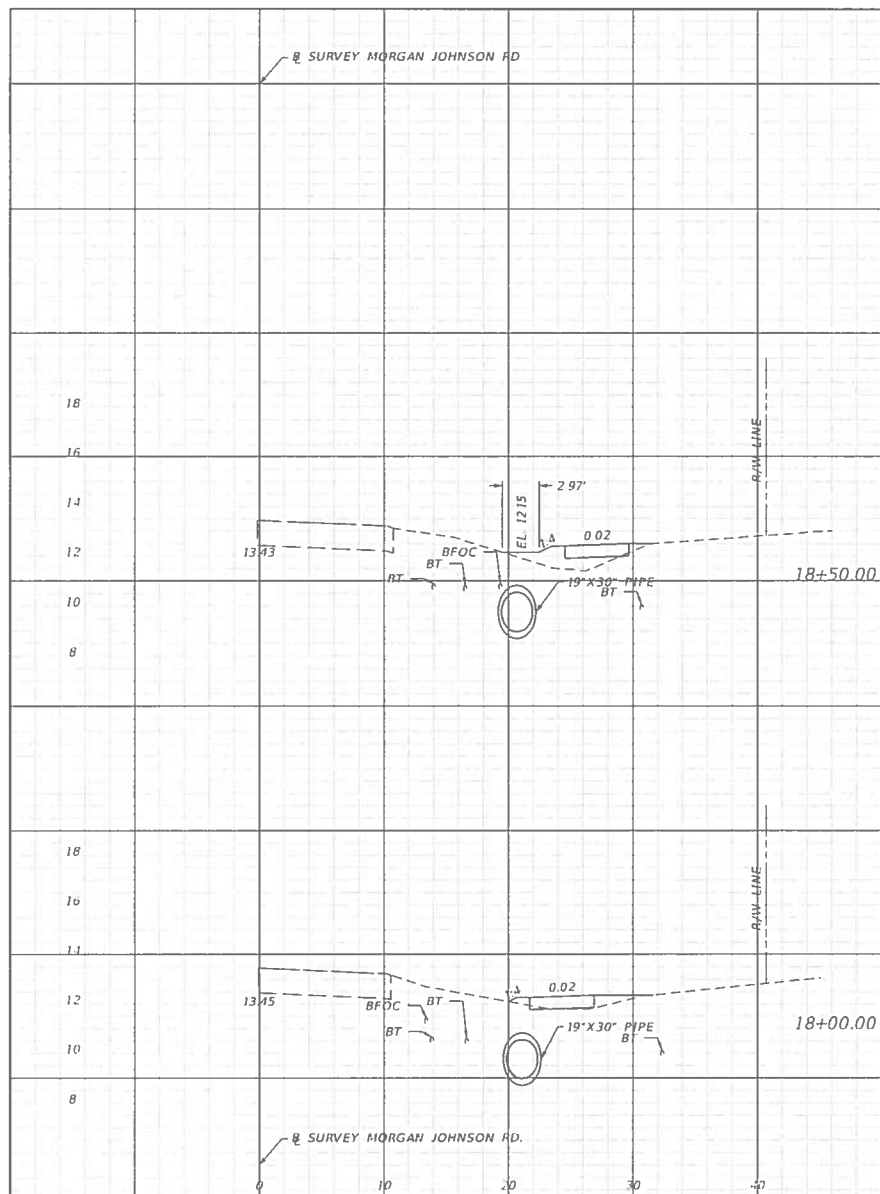
REVISIONS				BRIAN ROBERT BRANTLEY, P.E. P.E. LICENSE NUMBER 62390 SCALAR CONSULTING GROUP INC. 13337 N. 56TH STREET TAMPA, FLORIDA 33617 CERTIFICATE OF AUTHORIZATION NO. 29560	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS	SHEET NO. 21
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						MANATEE	433213-2-58-01		



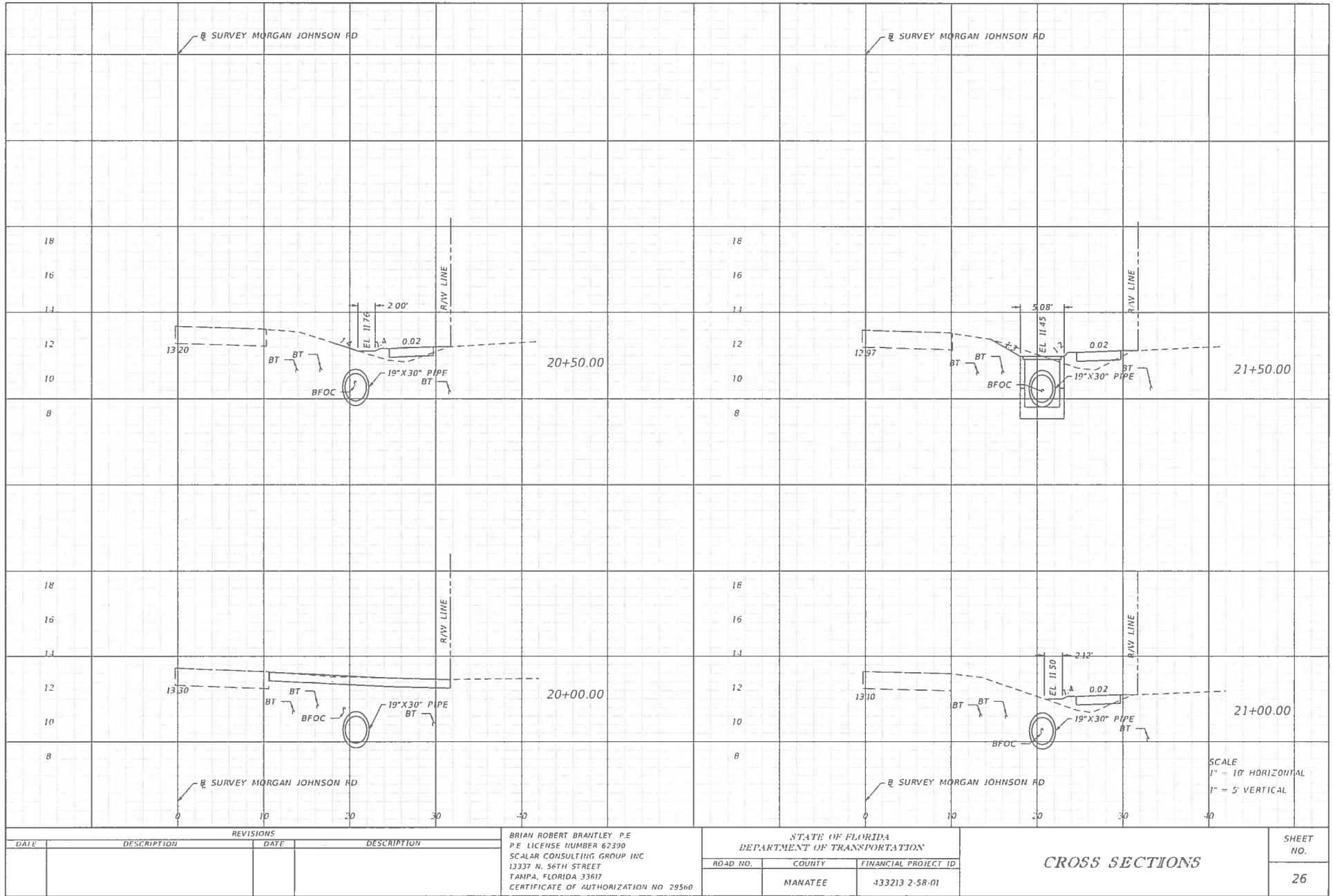
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.00J, F.A.C.



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



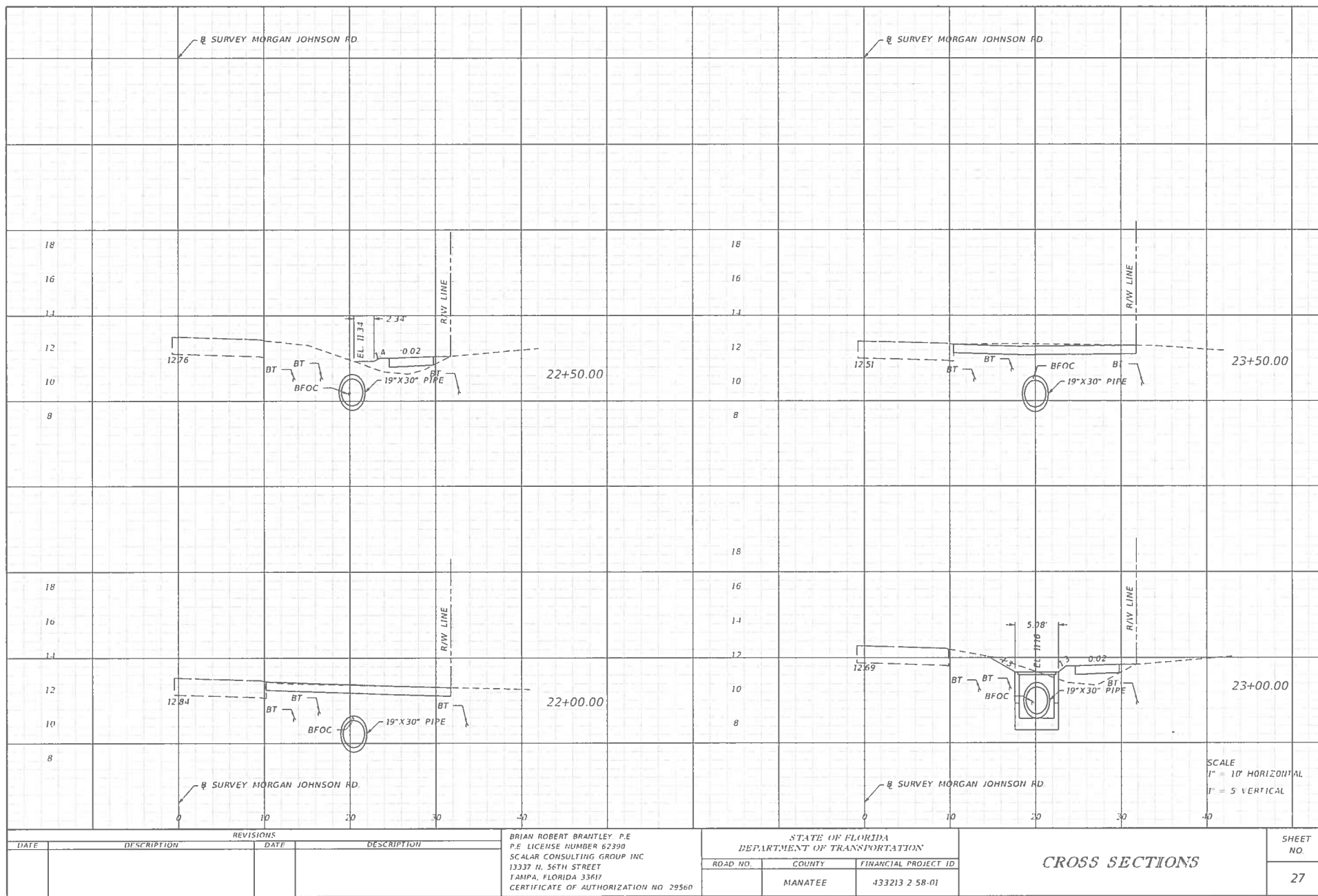
REVISIONS				BRIAN ROBERT BRANTLEY P.E P.E. LICENSE NUMBER 62390 SCALAR CONSULTING GROUP INC 13337 N. 56TH STREET TAMPA, FLORIDA 33617 CERTIFICATE OF AUTHORIZATION NO 29560	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS	SHEET NO
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO	COUNTY	FINANCIAL PROJECT ID		25
						MANATEE	433213 2 58-01		



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 610J5-23.001, F.A.C.

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS	SHEET NO. 26
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					MANATEE	433213 2-58-01		

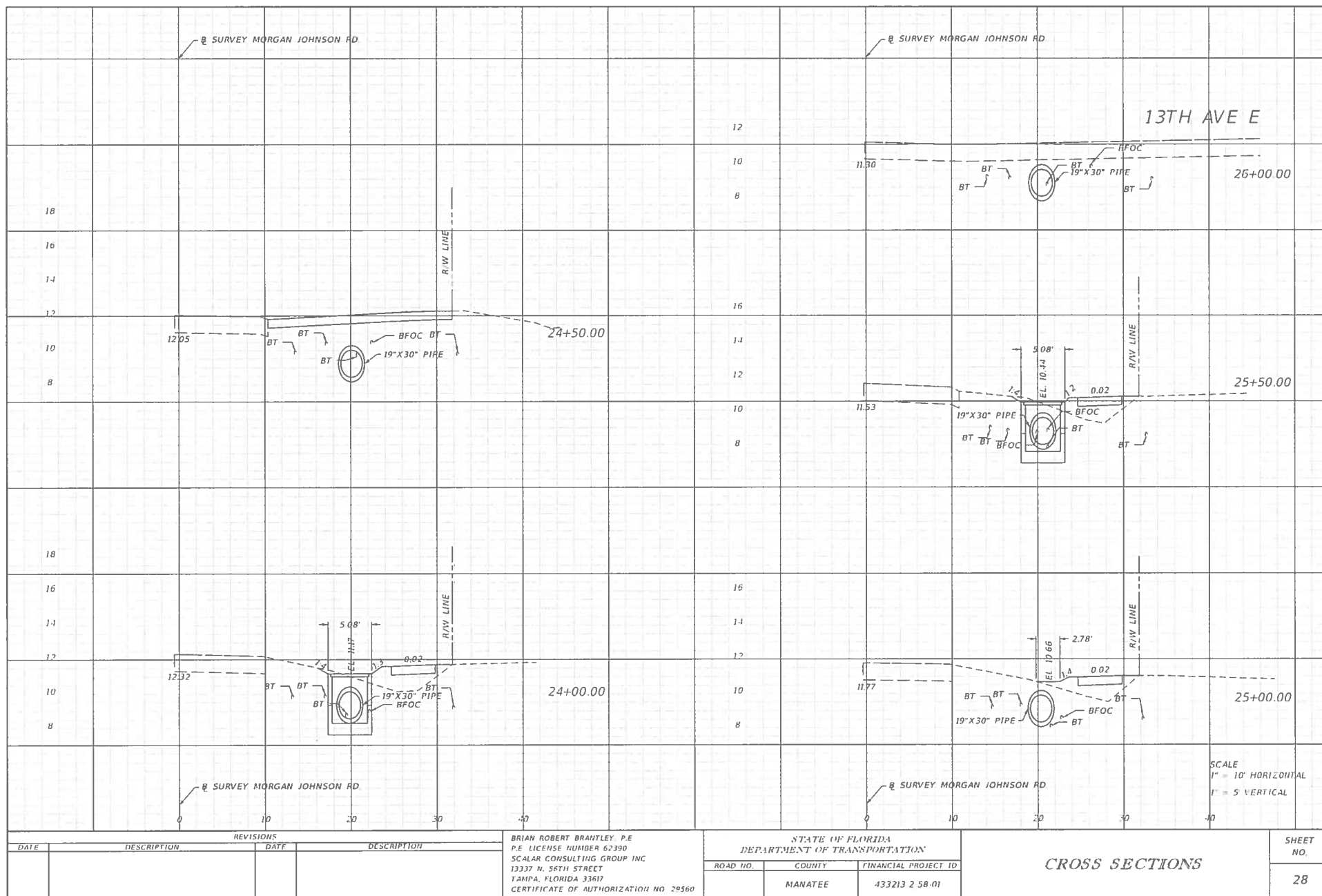
BRIAN ROBERT BRANTLEY, P.E.
P.E. LICENSE NUMBER 62390
SCALAR CONSULTING GROUP INC
13337 N. 56TH STREET
TAMPA, FLORIDA 33617
CERTIFICATE OF AUTHORIZATION NO. 29560



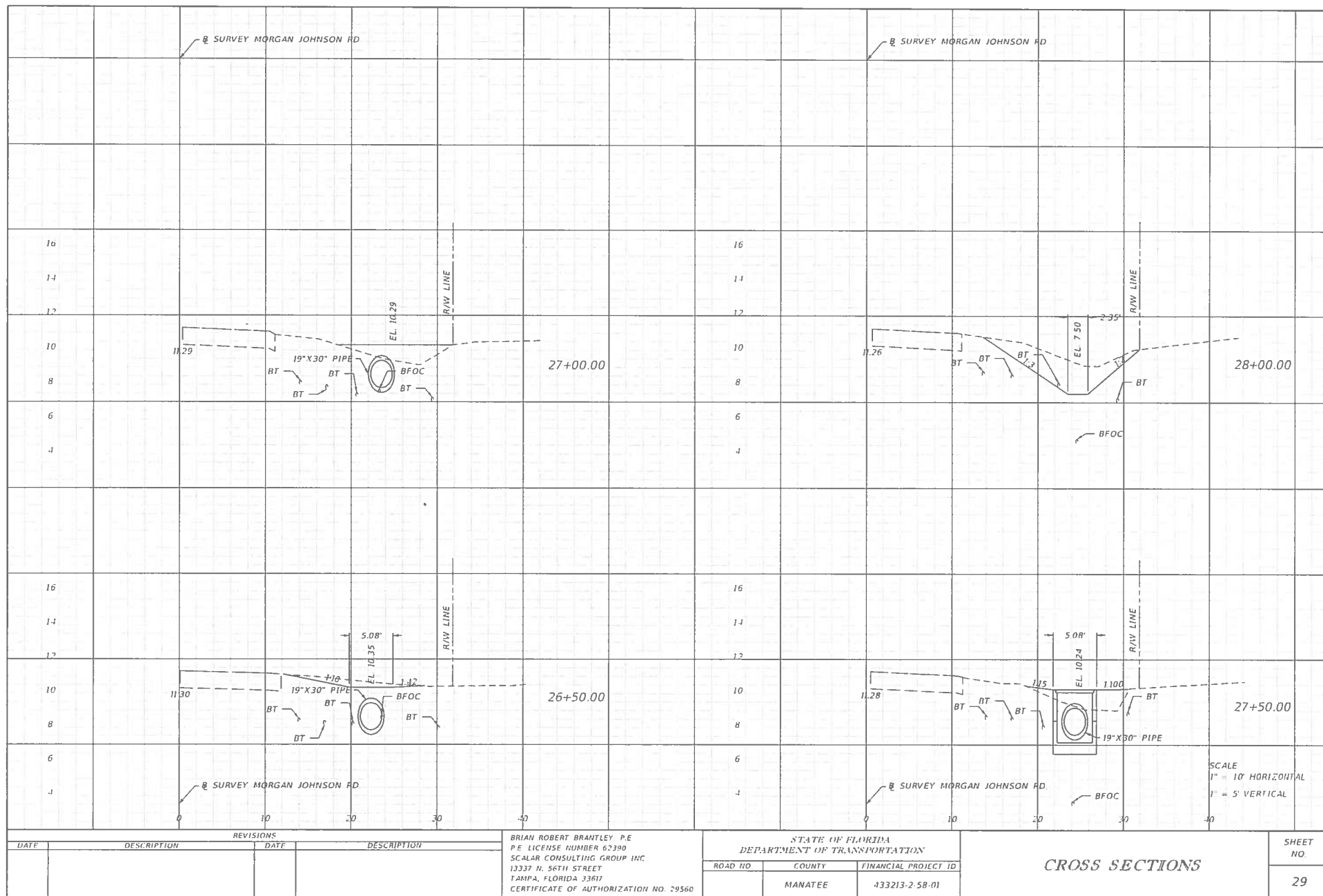
REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION				CROSS SECTIONS	SHEET NO. 27
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
					MANATEE	433213 2 58-01			

BRIAN ROBERT BRANTLEY P.E.
P.E. LICENSE NUMBER 62390
SCALAR CONSULTING GROUP INC
13337 N. 56TH STREET
TAMPA, FLORIDA 33617
CERTIFICATE OF AUTHORIZATION NO. 29560

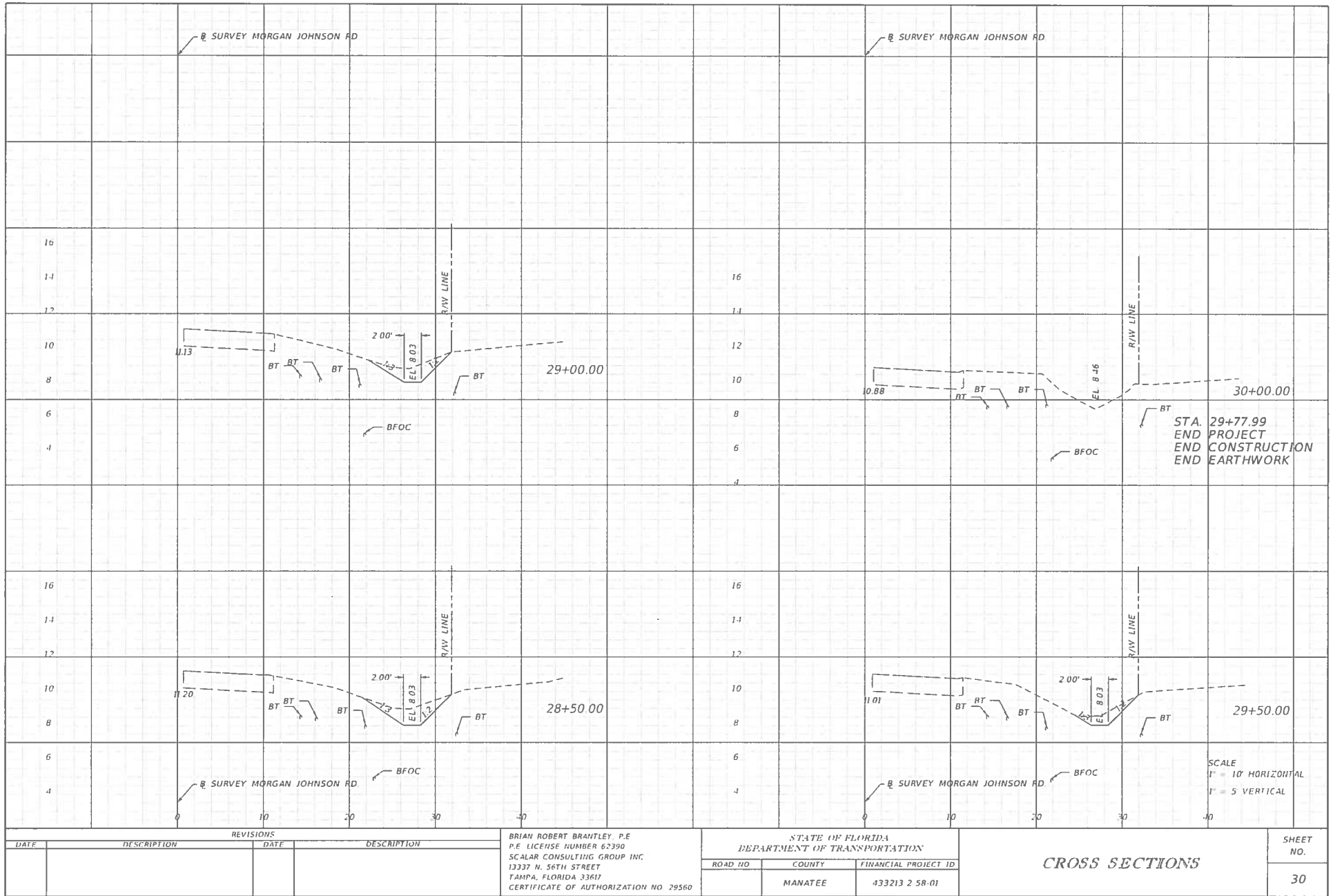
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.001, F.A.C.



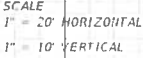
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 91G15-23.004, F.A.C.



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61015-23 004, F.A.C



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1. DESIGN SPEED / POSTED SPEED IS 40 MPH, REFERENCE WHEN UTILIZING DESIGN STANDARD INDICES
2. LANE CLOSURES ARE NOT PERMITTED BETWEEN THE HOURS OF 6:00 AM TO 9:00 AM AND 4:00 PM TO 7:00 PM.
3. DESIGN STANDARD INDEX NUMBERS ARE PROVIDED ONLY FOR THE PURPOSE OF DESCRIBING THE WORK AND FOR ESTIMATING MAINTENANCE OF TRAFFIC RELATED QUANTITIES

1. INSTALL ADVANCE WARNING SIGNS AS SHOWN IN DETAILS
2. INSTALL TEMPORARY EROSION CONTROL DEVICES
3. CONSTRUCT IMPROVEMENTS UTILIZING STANDARD PLANS 102-601, 102-602, 102-603, 102-605 AND 102-660

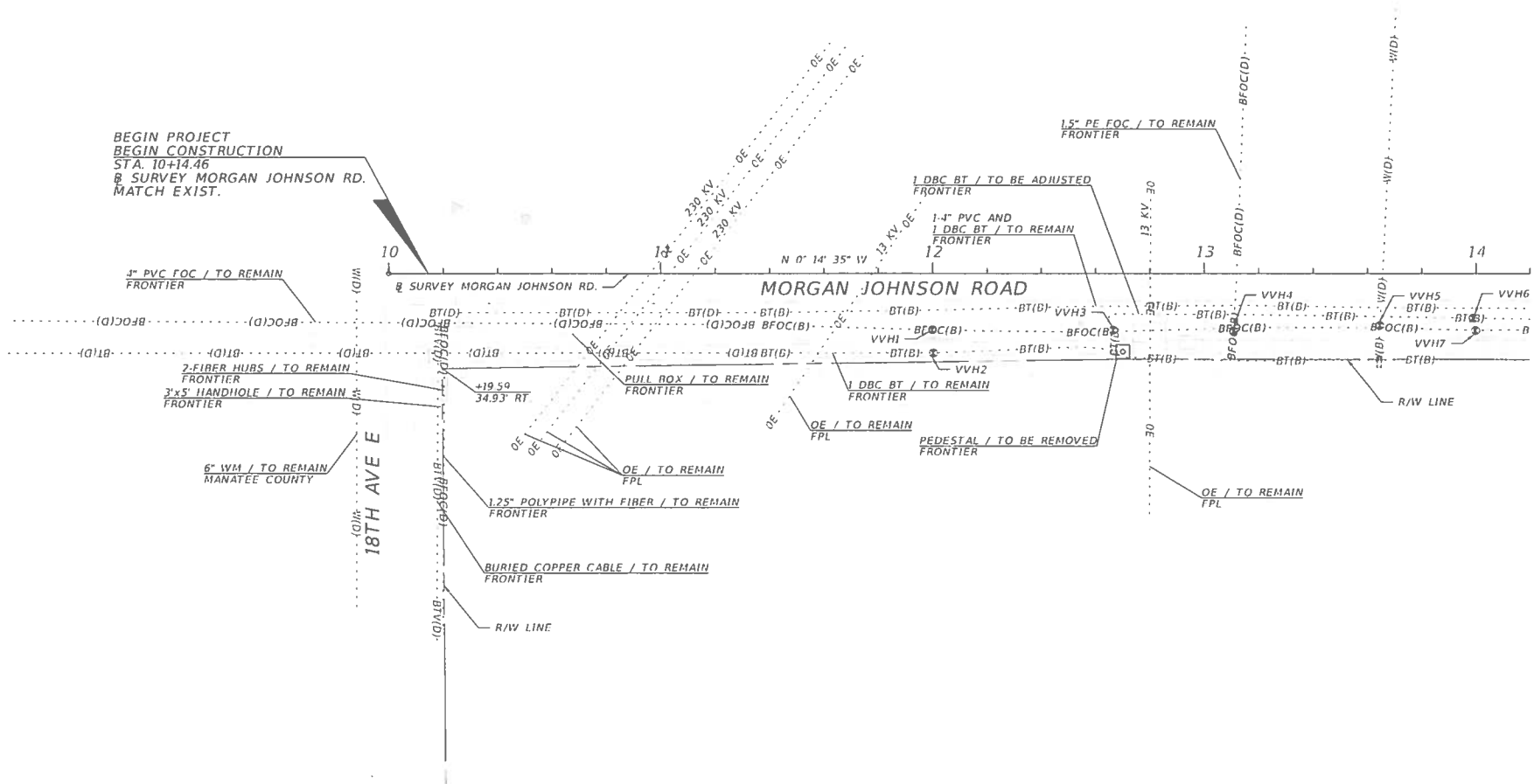
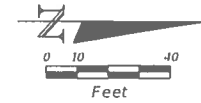


SIDE STREET
ADVANCE WARNING SIGN DIAGRAM
NTS

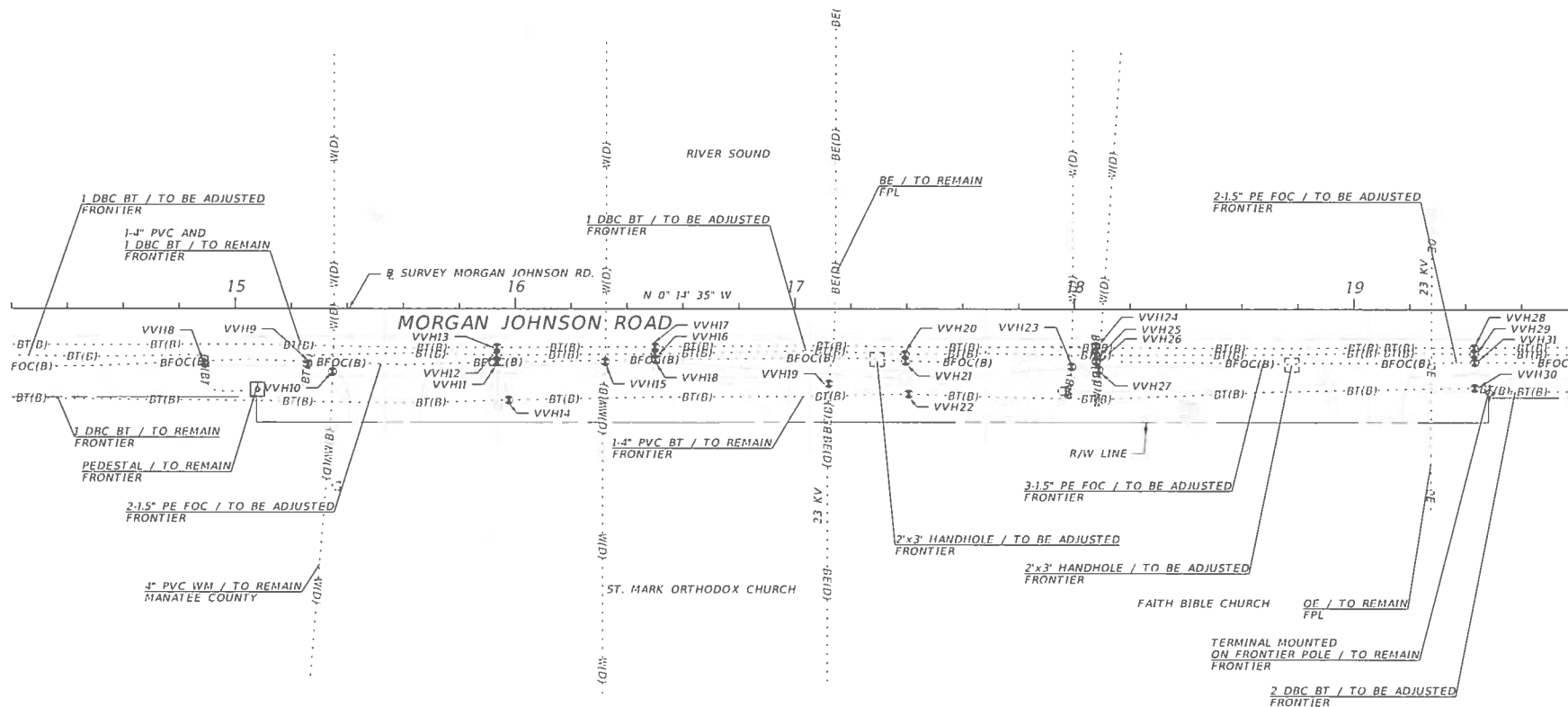
JSEB Brian Bramley	2/28/2018	9:47:44 AM	P\2015\Morgan Johnson Sizewalk HWW 9 (HW SE) 1/3/2/1/1/2/01\moscow\16\WDO\ DGN
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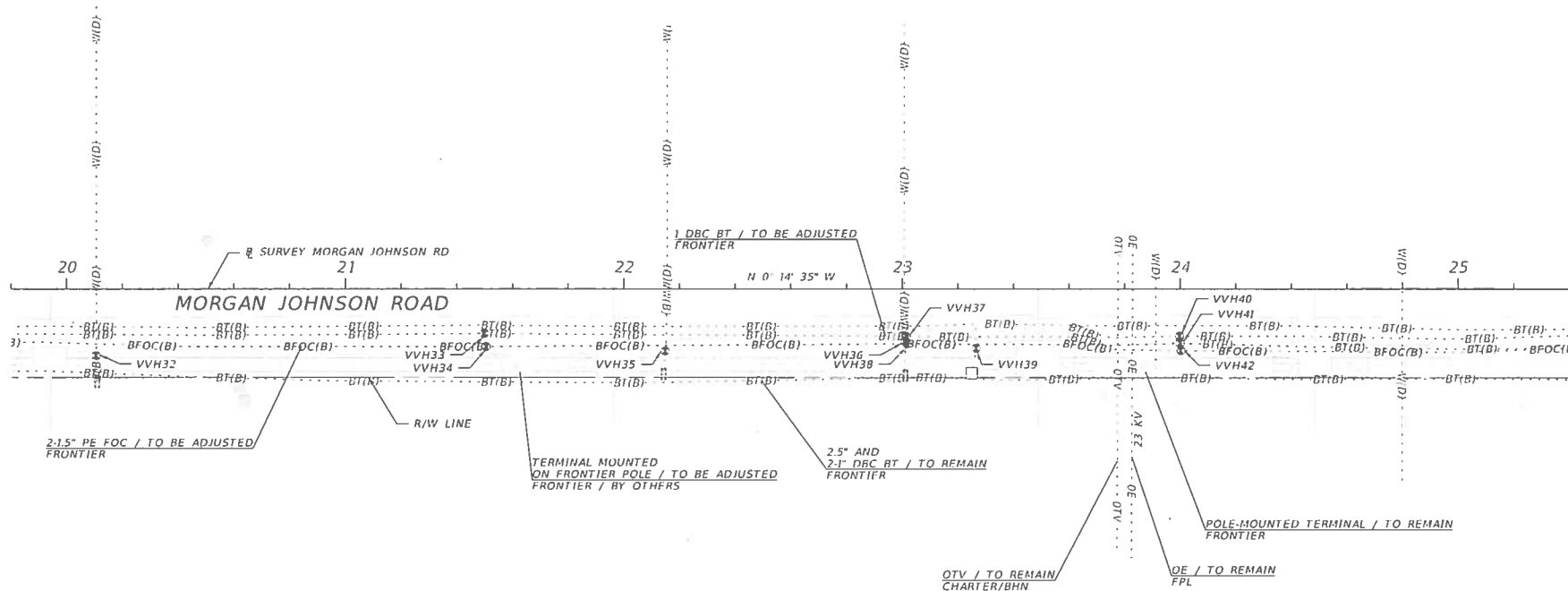
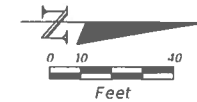
UTILITY ADJUSTMENT NOTES

- 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 UTILITY/AGENCY OWNERS COMPANY CONTACT TELEPHONE NUMBERS E-MAIL ADDRESS
Charter Communications James Cruzan 727-329-2846 James.Cruzan@charter.com
Florida Power & Light Greg Coker 941-723-4430 Greg.Coker@fpl.com
Frontier Communications Denise Hutton 941-906-6722 Denise.Hutton@ftr.com
Manatee County - Utility Operations Dave Branning 941-708-7450 x7662 Dave.Branning@manatee.org



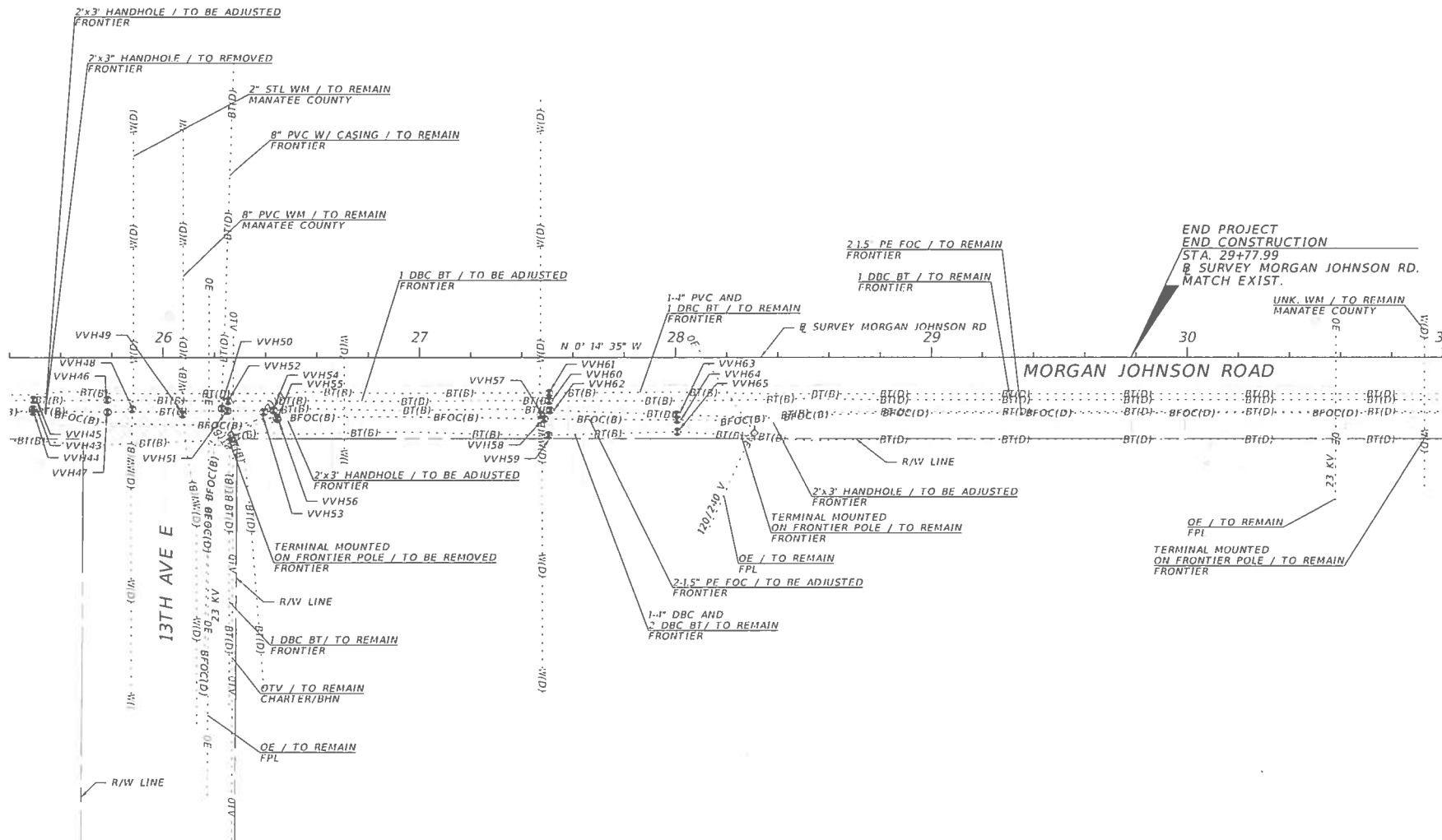
REVISIONS				BRIAN ROBERT BRANTLEY, P.E. P.E. LICENSE NUMBER 62390 SCALAR CONSULTING GROUP INC 13337 N. 56TH STREET TAMPA, FLORIDA 33617 CERTIFICATE OF AUTHORIZATION NO. 29560	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENTS	SHEET NO. 34
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						MANATEE	433213-2-SR-01		





REVISIONS				BRIAN ROBERT BRANTLEY, P.E. P.E. LICENSE NUMBER 62390 SCALAR CONSULTING GROUP INC. 13337 N. 56TH STREET TAMPA, FLORIDA 33617 CERTIFICATE OF AUTHORIZATION NO. 29560	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENTS	SHEET NO 36
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO	COUNTY	FINANCIAL PROJECT ID		
						MANATEE	433213-2-58-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.001, F.A.C.



PAY ITEM NOTES:
425-2-71 THE COST OF THE MANHOLE TYPE 7 INCLUDES THE COST OF THE PVC PIPE AND FITTING.

SUMMARY OF LUMP SUM ITEMS					
PAY ITEM NO.	PAY ITEM DESCRIPTION	QUANTITY		DESIGN NOTES	CONSTRUCTION REMARKS
		P	F		
0101 1	MOBILIZATION		1		

SUMMARY OF TEMPORARY TRAFFIC CONTROL PLAN ITEMS						
PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	PHASE 1		DESIGN NOTES	CONSTRUCTION REMARKS
			DURATION	QUANTITY		
			DAYS	P		
102 1	MAINTENANCE OF TRAFFIC	LS/DA	90		90 DAYS	
102 60	WORK ZONE SIGN	ED	90	12		
102 62	BARRIER MOUNTED WORK ZONE SIGN- INDEX 11871	ED	90	1		
107 74 1	CHANNELIZING DEVICE- TYPES 1, 11, D1, VP, DRUM, OR LCD	ED	90	34		

REVISIONS				BRIAN ROBERT BRANTLEY, P.E. P.E. LICENSE NUMBER 62390 SCALAR CONSULTING GROUP INC. 13337 N. 56TH STREET TAMPA, FLORIDA 33617 CERTIFICATE OF AUTHORIZATION NO. 29560	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		SQ-1
						MANATEE	433213-2-58-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.001, F.A.C.

SUMMARY OF PEDESTRIAN LONGITUDINAL CHANNELING DEVICES							
CONST. PHASE	LOCATION STA. TO STA.		SIDE	QUANTITY		DESIGN NOTES	CONSTRUCTION REMARKS
				0102 74 7			
				LF			
				P	F		
I	10+30	59 to 10+30 65	RT	5.0		SIDEWALK CLOSURE	
I	25+69	34 to 25+74 95	RT	7.5		SIDEWALK CLOSURE	
I	26+23	05 to 26+29 02	RT	7 6		SIDEWALK CLOSURE	

LOCATION STA. TO STA.	SIDE	AREA ID	SEDIMENT BARRIER		INLET PROTECTION SYSTEM		DESIGN NOTES	CONSTRUCTION REMARKS
			0104 10 3		0104 18			
			LF		EA			
			P	F	P	F		
10+28.52 to 12+73.88	RT		245.4					
12+85.88 to 15+40.82	RT		264.0					
15+66.24 to 16+98.33	RT		132.1					
17+12.53 to 17+62.12	RT		49.6					
17+74.75 to 18+94.05	RT		119.3					
19+17.72 to 23+41.00	RT		432.3					
23+57.00 to 24+42.50	RT		85.5					
24+54.50 to 25+86.23	RT		134.6					
26+12.32 to 26+60.00	RT		50.0					
26+72.00 to 27+57.99	RT		86.0					
27+69.99 to 29+83.49	RT		213.5					
11+98.46 to 12+01.54	RT				1		S-1	
13+98.46 to 14+01.54	RT				1		S-2	
15+92.21 to 15+95.29	RT				1		S-4	
16+48.46 to 16+51.54	RT				1		S-5	
17+37.61 to 17+40.69	RT				1		S-6	
18+06.43 to 18+09.51	RT				1		S-7	
19+41.61 to 19+44.69	RT				1		S-8	
21+48.46 to 21+51.54	RT				1		S-9	
22+98.46 to 23+01.54	RT				1		S-10	
23+98.46 to 24+01.54	RT				1		S-11	
25+48.46 to 25+51.54	RT				1		S-12	
26+42.39 to 26+45.47	RT				1		S-15	
27+48.46 to 27+51.54	RT				1		S-16	
28+05.36 to 28+05.37	RT				1		S-17	
29+77.90 to 29+77.91	RT				1		EXISTING STRUCTURE 16	

REVISIONS				BRIAN ROBERT BRANTLEY P.E. P.E. LICENSE NUMBER 67390 SCALAR CONSULTING GROUP INC 13237 N. 56TH STREET TAMPA, FLORIDA 33617 CERTIFICATE OF AUTHORIZATION NO 29560	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO	COUNTY	FINANCIAL PROJECT ID		SQ-2
						MANATEE	433213-2-58-01		

SUMMARY OF LITTER REMOVAL AND MOWING

SUMMARY OF LITTER REMOVAL AND MOWING																	
CONST . PHASE	LOCATION	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL					MOWING					DESIGN NOTES	CONSTRUCTION REMARKS	
					0107 1					0107 2							
	STA. TO STA.				AREA ID	CYCLES	AREA		AREA ID	CYCLES	AREA						
							AC/ CYCLE	TOTAL (AC)			AC/ CYCLE	TOTAL (AC)					
								P	F				P	F			
	10+30.62 to 25+80.90	RT	90	30	9339	3		0.85	2.55								
	26+16.53 to 29+77.99	RT	90	30	5880	3		0.17	0.51								
	10+30.59 to 12+73.88	RT	90	30	3932						3		0.08	0.24			
	10+30.62 to 12+73.88	RT	90	30	3938						3		0.01	0.03			
	12+85.88 to 15+38.27	RT	90	30	3941						3		0.08	0.24			
	12+85.88 to 15+40.82	RT	90	30	9166						3		0.02	0.06			
	15+66.24 to 16+98.33	RT	90	30	9172						3		0.04	0.12			
	15+68.82 to 16+92.53	RT	90	30	9170						3		0.04	0.12			
	17+12.53 to 17+62.12	RT	90	30	9177						3		0.02	0.06			
	17+25.37 to 17+56.11	RT	90	30	9175						3		0.01	0.03			
	17+74.75 to 18+94.05	RT	90	30	9178						3		0.04	0.12			
	17+87.58 to 18+91.43	RT	90	30	9179						3		0.03	0.09			
	19+17.72 to 19+88.00	RT	90	30	9180						3		0.01	0.03			
	19+20.24 to 19+88.00	RT	90	30	9183						3		0.02	0.06			
	20+00.00 to 21+90.50	RT	90	30	3958						3		0.01	0.03			
	20+00.00 to 21+90.50	RT	90	30	3957						3		0.06	0.18			
	22+02.50 to 23+41.00	RT	90	30	3959						3		0.05	0.15			
	22+02.50 to 23+41.00	RT	90	30	3960						3		0.01	0.03			
	23+57.00 to 24+42.50	RT	90	30	3962						3		0.01	0.03			
	23+57.00 to 24+42.50	RT	90	30	3961						3		0.03	0.09			
	24+54.50 to 25+69.34	RT	90	30	3963						3		0.04	0.12			
	24+54.50 to 25+80.90	RT	90	30	3967						3		0.01	0.03			
	26+16.53 to 26+60.00	RT	90	30	3971						3		0.02	0.06			
	26+72.00 to 27+57.99	RT	90	30	3974						3		0.04	0.12			
	27+69.99 to 29+77.99	RT	90	30	3975						3		0.10	0.30			

REVISIONS				BRIAN ROBERT BRANTLEY, P.E. P.E. LICENSE NUMBER 62390 SCALAR CONSULTING GROUP INC. 13337 N. 56TH STREET TAMPA, FLORIDA 33617 CERTIFICATE OF AUTHORIZATION NO. 29560	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO. 50-3
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						MANATEE	433213-2-58-01		

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

SUMMARY OF CLEARING AND GRUBBING & REMOVAL ITEMS								
PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION	SIDE	AREA ID	UNITS	SECONDARY UNITS (IF LUMP SUM)	DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.				AREA (AC)		
0110 1 1	CLEARING & GRUBBING	10+30.62 to 29+77.99	RT		LS		1.02 AC	
		10+30.62 to 25+80.90	RT	9127		0.85		
		26+16.53 to 29+77.99	RT	5631		0.17		

SUMMARY OF MAILBOXES					
STATION	SIDE	QUANTITY		DESIGN NOTES	CONSTRUCTION REMARKS
		0110	7 1		
		P	F		
12+99.88	RT	1			
22+14.04	RT	1			
23+36.96	RT	1			
24+37.09	RT	1			
27+76.11	RT	1			

SUMMARY OF EARTHWORK					
PAY ITEM NO.	PAY ITEM DESCRIPTION	CY		DESIGN NOTES	CONSTRUCTION REMARKS
		P	F		
0120 1	REGULAR EXCAVATION	228.0			
0120 6	EMBANKMENT	239.1			

SUMMARY OF PAVEMENT										
PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	DESCRIPTION				P	F		
0160 4	TYPE B STABILIZATION	25+55.93 to 26+44.37		RT	9901	SY	135.8			
285701	OPTIONAL BASE, BASE GROUP 01	25+55.93 to 26+44.37		RT	9908	SY	135.8			
0334 1 52	SUPERPAVE ASPHALTIC CONCRETE	25+55.93 to 26+44.37		RT	9914	TN	7.47			
	(TRAFFIC B, PG 76-22)									
0337 7 81	ASPHALTIC CONCRETE FRICTION COURSE	25+55.93 to 26+44.37		RT	9920	TN	13.07			
	(TRAFFIC B, FC-12.5, PG 76-22)									

REVISIONS				BRIAN ROBERT BRANTLEY, P.E. P.E. LICENSE NUMBER 62390 SCALAR CONSULTING GROUP INC. 13337 N. 56TH STREET TAMPA, FLORIDA 33617 CERTIFICATE OF AUTHORIZATION NO. 29560	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO. SQ-4
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						MANATEE	433213-2-5R-01		

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LOCATION	SIDE	AREA ID	CONC SIDEWALK 4"		CONC SIDEWALK 6"		DETECTABLE WARNINGS		DESIGN NOTES	CONSTRUCTION REMARKS
			0522 1		0522 2		0527 2			
			SY		SY		SF			
STA. TO STA.			P	F	P	F	P	F		
10+30.59 to 12+73.88	RT	2721	135.2							
12+85.88 to 15+40.13	RT	9027	140.8							
15+66.99 to 16+96.67	RT	9028	73.1							
17+19.06 to 17+60.38	RT	9029	20.4							
17+81.27 to 18+93.28	RT	9030	62.7							
19+18.44 to 19+88.00	RT	9031	38.2							
20+00.00 to 21+90.50	RT	2727	105.8							
22+02.50 to 23+41.00	RT	2728	76.9							
23+57.00 to 24+42.50	RT	2729	47.5							
24+54.50 to 25+74.95	RT	2643	66.2							
26+23.15 to 26+33.15	RT	8707	4.0							
12+70.88 to 12+88.88	RT	4723			31.0					
15+15.92 to 15+90.76	RT	9063			114.8					
16+83.32 to 17+38.06	RT	9070			67.8					
17+47.22 to 17+98.56	RT	9077			62.2					
18+69.15 to 19+42.70	RT	9084			108.6					
19+85.00 to 20+03.00	RT	4730			30.8					
21+87.50 to 22+05.50	RT	4731			31.4					
23+38.00 to 23+60.00	RT	4732			40.6					
24+39.50 to 24+57.50	RT	4733			31.2					
26+57.00 to 26+75.00	RT	4748			29.6					
27+54.99 to 27+72.99	RT	4747			30.1					
10+14.46 to 10+16.55	RT	7700					9.8			
10+25.52 to 10+30.61	RT	7695					10.1			
25+65.96 to 25+74.95	RT	7274					15.4			
26+23.15 to 26+32.57	RT	8719					15.9			

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SUMMARY OF DITCH PAVEMENT						
LOCATION	SIDE	AREA ID	CONCRETE DITCH PAVEMENT - NON-REINF (3")		DESIGN NOTES	CONSTRUCTION REMARKS
STA. TO STA.			0524 1 1			
			SY			
			P	F		
11+92.79 to 12+07.22	RT	8954	2.0			
13+92.79 to 14+07.21	RT	8949	2.1			
15+86.54 to 16+00.96	RT	8944	2.1			
17+31.94 to 17+46.36	RT	8939	5.9			
18+00.76 to 18+15.18	RT	8934	2.4			
19+35.94 to 19+50.36	RT	8929	1.9			
21+42.79 to 21+57.21	RT	8924	2.3			
25+42.79 to 25+58.07	RT	8918	2.6			

SUMMARY OF PERFORMANCE TURF						
LOCATION	SIDE	AREA ID	PERFORMANCE TURF (SOD)		DESIGN NOTES	CONSTRUCTION REMARKS
STA. TO STA.			0570	1 2		
			SY			
			P	F		
10+30.59 to 12+73.88	RT	4173	404.2			
10+30.62 to 12+73.88	RT	4180	56.7			
12+85.88 to 15+38.27	RT	4185	390.9			
12+85.88 to 15+40.82	RT	9314	91.6			
15+66.24 to 16+98.33	RT	9306	179.1			
15+68.82 to 16+92.53	RT	9297	167.9			
17+12.53 to 17+62.12	RT	9284	116.7			
17+25.37 to 17+56.11	RT	9291	8.2			
17+74.75 to 18+94.05	RT	9269	167.9			
17+87.58 to 18+91.43	RT	9277	137.2			
19+17.72 to 19+88.00	RT	9255	46.0			
19+20.24 to 19+88.00	RT	9262	94.7			
20+00.00 to 21+90.50	RT	4244	304.7			
20+00.00 to 21+90.50	RT	4251	42.3			
22+02.50 to 23+41.00	RT	4256	223.6			
22+02.50 to 23+41.00	RT	4263	30.8			
23+57.00 to 24+42.50	RT	4268	135.5			
23+57.00 to 24+42.50	RT	4275	19.0			
24+54.50 to 25+69.34	RT	4280	169.8			
24+54.50 to 25+80.90	RT	4288	37.5			
26+16.53 to 26+60.00	RT	4295	71.0			
26+72.00 to 27+57.99	RT	4300	194.2			
27+69.99 to 29+77.99	RT	4307	475.3			

REVISIONS				BRIAN ROBERT BRANTLEY P.E. P.E. LICENSE NUMBER 62390 SCALAR CONSULTING GROUP INC 13337 N. 56TH STREET TAMPA, FLORIDA 33617 CERTIFICATE OF AUTHORIZATION NO. 29560	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO. SQ-6
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						MANATEE	433213-2-SR-01		

USER: Brian Brantley