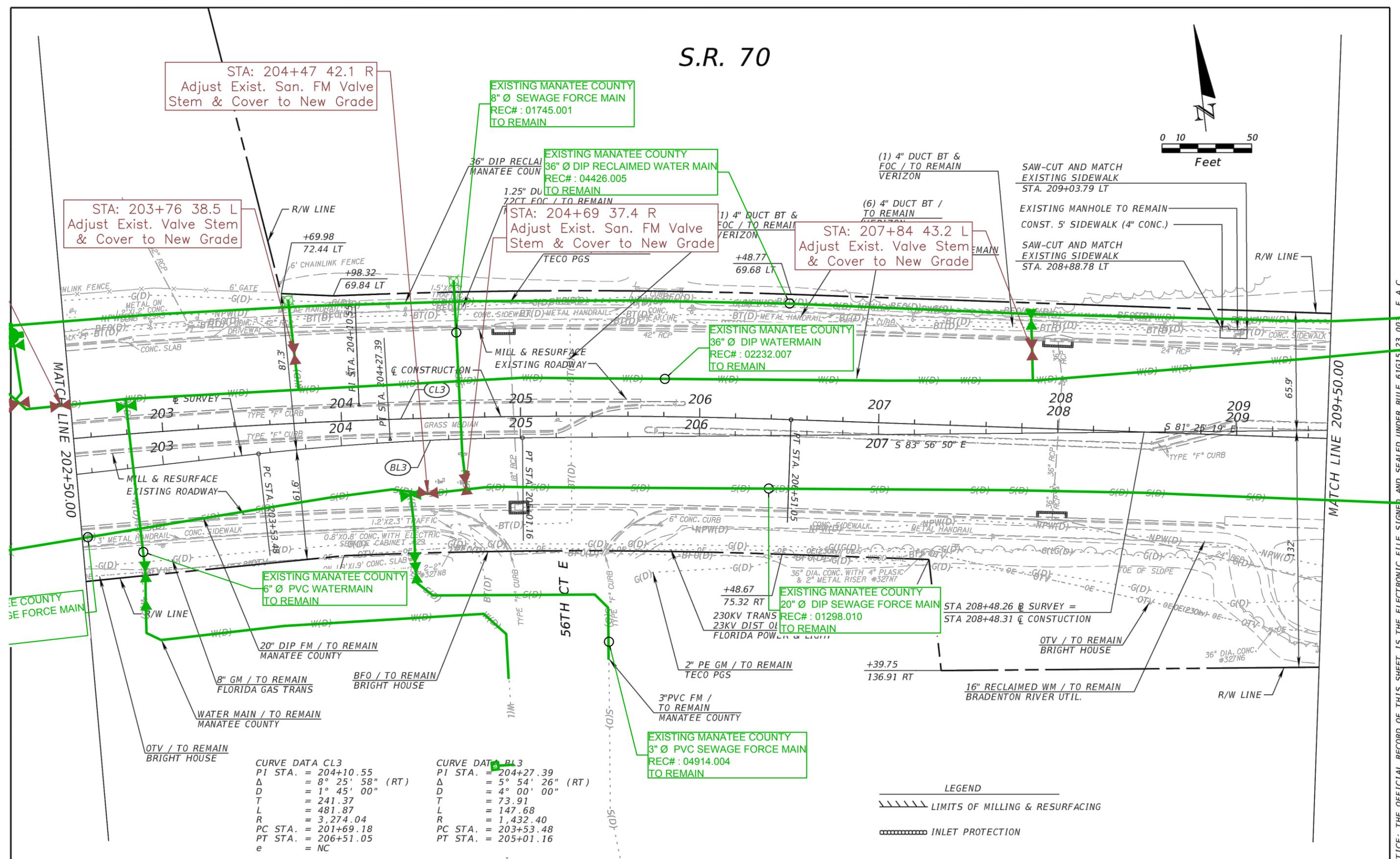
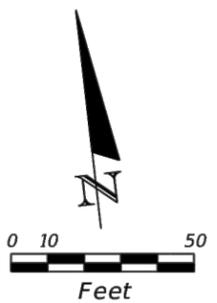


S.R. 70



STA: 204+47 42.1 R
Adjust Exist. San. FM Valve
Stem & Cover to New Grade

EXISTING MANATEE COUNTY
8" Ø SEWAGE FORCE MAIN
REC#: 01745.001
TO REMAIN

EXISTING MANATEE COUNTY
36" Ø DIP RECLAIMED WATER MAIN
REC#: 04426.005
TO REMAIN

STA: 204+69 37.4 R
Adjust Exist. San. FM Valve
Stem & Cover to New Grade

STA: 207+84 43.2 L
Adjust Exist. Valve Stem
& Cover to New Grade

EXISTING MANATEE COUNTY
36" Ø DIP WATERMAIN
REC#: 02232.007
TO REMAIN

EXISTING MANATEE COUNTY
6" Ø PVC WATERMAIN
TO REMAIN

EXISTING MANATEE COUNTY
20" Ø DIP SEWAGE FORCE MAIN
REC#: 01298.010
TO REMAIN

EXISTING MANATEE COUNTY
3" Ø PVC SEWAGE FORCE MAIN
REC#: 04914.004
TO REMAIN

CURVE DATA CL3

PI STA.	= 204+10.55
Δ	= 8° 25' 58" (RT)
D	= 1° 45' 00"
T	= 241.37
L	= 481.87
R	= 3,274.04
PC STA.	= 201+69.18
PT STA.	= 206+51.05
e	= NC

CURVE DATA BL3

PI STA.	= 204+27.39
Δ	= 5° 54' 26" (RT)
D	= 4° 00' 00"
T	= 73.91
L	= 147.68
R	= 1,432.40
PC STA.	= 203+53.48
PT STA.	= 205+01.16

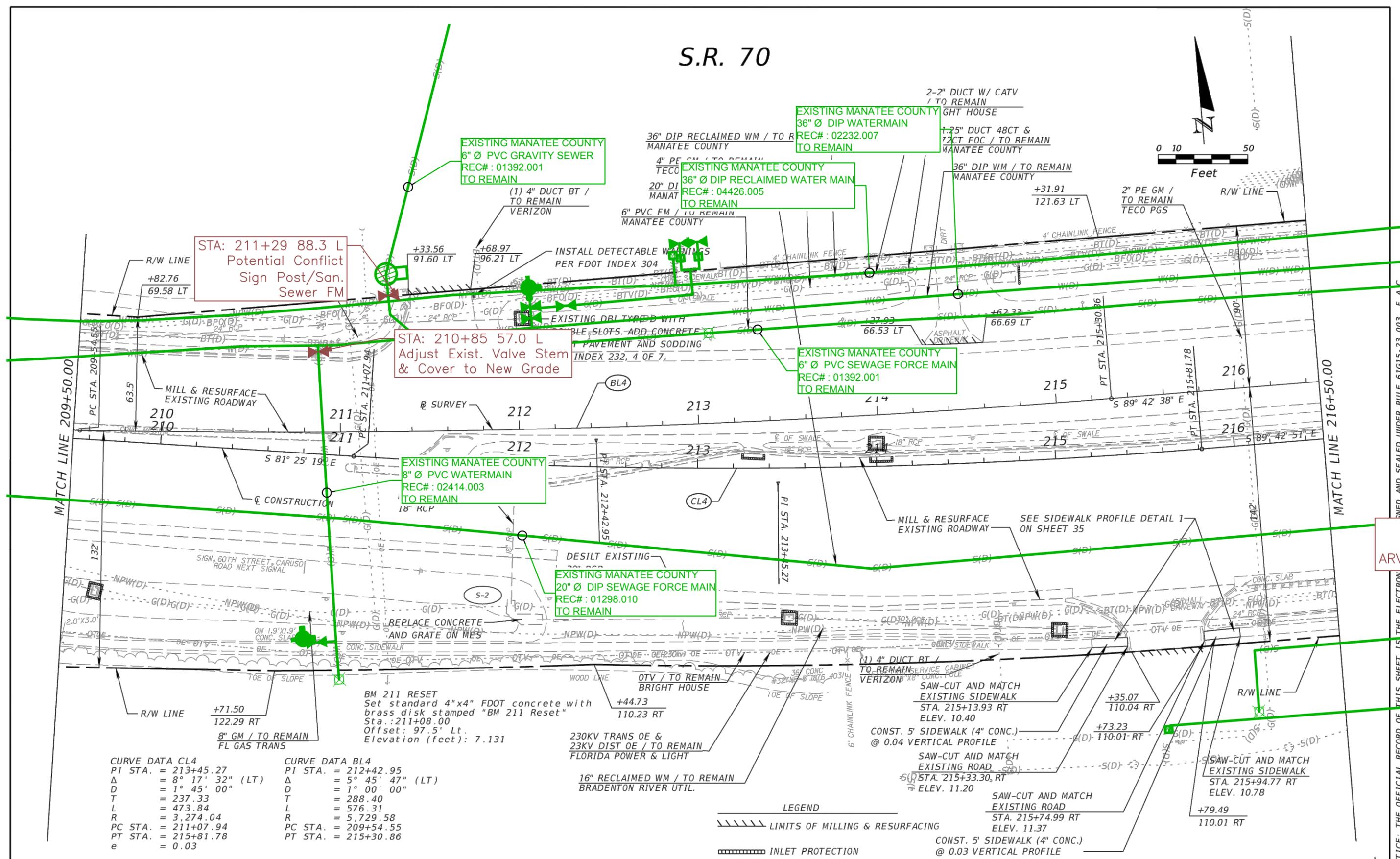
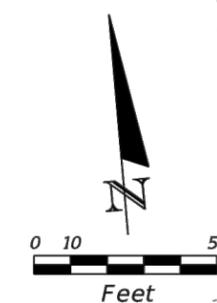
LEGEND

	LIMITS OF MILLING & RESURFACING
	INLET PROTECTION

REVISIONS				HORIZON ENGINEERING GROUP, INC. 2603 Maitland Center Pkwy., Suite B Maitland, Florida 32751 Phone: 407-644-7755 Certificate of Authorization No.: 00009544 SCOTT P. SECK, P.E. NO. 53215	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. 23
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					70	MANATEE	431373-1-52-01		

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-123.004, F.A.C.

S.R. 70



CURVE DATA CL4		CURVE DATA BL4	
PI STA.	= 213+45.27	PI STA.	= 212+42.95
Δ	= 8° 17' 32" (LT)	Δ	= 5° 45' 47" (LT)
D	= 1° 45' 00"	D	= 1° 00' 00"
T	= 237.33	T	= 288.40
L	= 473.84	L	= 576.31
R	= 3,274.04	R	= 5,729.58
PC STA.	= 211+07.94	PC STA.	= 209+54.55
PT STA.	= 215+81.78	PT STA.	= 215+30.86
e	= 0.03		

BM 211 RESET
Set standard 4"x4" FDOT concrete with brass disk stamped "BM 211 Reset"
Sta.: 211+08.00
Offset: 97.5' Lt.
Elevation (feet): 7.131

LEGEND

	LIMITS OF MILLING & RESURFACING
	INLET PROTECTION

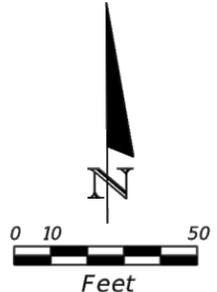
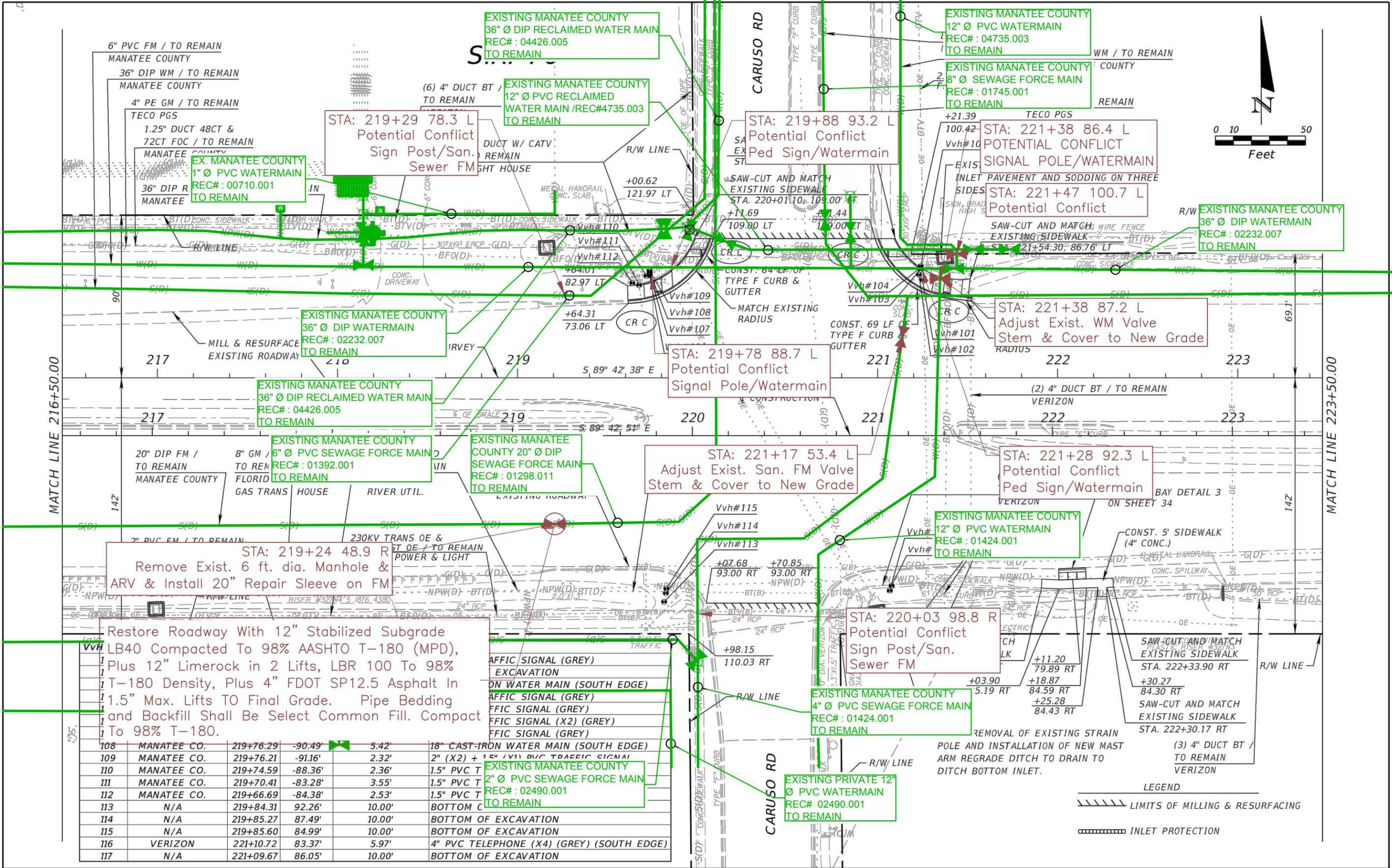
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

HORIZON ENGINEERING GROUP, INC.
2603 Maitland Center Pkwy., Suite B
Maitland, Florida 32751
Phone: 407-644-7755
Certificate of Authorization No.: 00009544
SCOTT P. SECK, P.E. NO. 53215

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
70	MANATEE	431373-1-52-01

ROADWAY PLAN		SHEET NO. 24
---------------------	--	------------------------

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



Remove Exist. 6 ft. dia. Manhole & ARV & Install 20" Repair Sleeve on FM

Restore Roadway With 12" Stabilized Subgrade LB40 Compacted To 98% AASHTO T-180 (MPD), Plus 12" Limerock in 2 Lifts, LBR 100 To 98% T-180 Density, Plus 4" FDOT SP12.5 Asphalt In 1.5" Max. Lifts TO Final Grade. Pipe Bedding and Backfill Shall Be Select Common Fill. Compact to 98% T-180.

NO.	DESCRIPTION	STATION	OFFSET	DEPTH	NOTE
108	MANATEE CO.	219+76.29	-90.49'	5.42'	18" CAST-IRON WATER MAIN (SOUTH EDGE)
109	MANATEE CO.	219+76.21	-91.16'	2.32'	2" (X2) + 1.5" (X1) PVC TRAFFIC SIGNAL
110	MANATEE CO.	219+74.59	-88.36'	2.36'	1.5" PVC T
111	MANATEE CO.	219+70.41	-83.28'	3.55'	1.5" PVC T
112	MANATEE CO.	219+66.69	-84.38'	2.53'	1.5" PVC T
113	N/A	219+84.31	92.26'	10.00'	BOTTOM OF EXCAVATION
114	N/A	219+85.27	87.49'	10.00'	BOTTOM OF EXCAVATION
115	N/A	219+85.60	84.99'	10.00'	BOTTOM OF EXCAVATION
116	VERIZON	221+10.72	83.37'	5.97'	4" PVC TELEPHONE (X4) (GREY) (SOUTH EDGE)
117	N/A	221+09.67	86.05'	10.00'	BOTTOM OF EXCAVATION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

HORIZON ENGINEERING GROUP, INC.
 2603 Maitland Center Pkwy., Suite B
 Maitland, Florida 32751
 Phone: 407-644-7755
 Certificate of Authorization No.: 00009544
 SCOTT P. SECK, P.E. NO. 53215

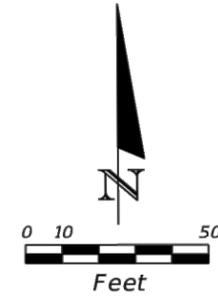
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
70	MANATEE	431373-1-52-01

ROADWAY PLAN

SHEET NO. 25

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23-.003, F.A.C.

S.R. 70

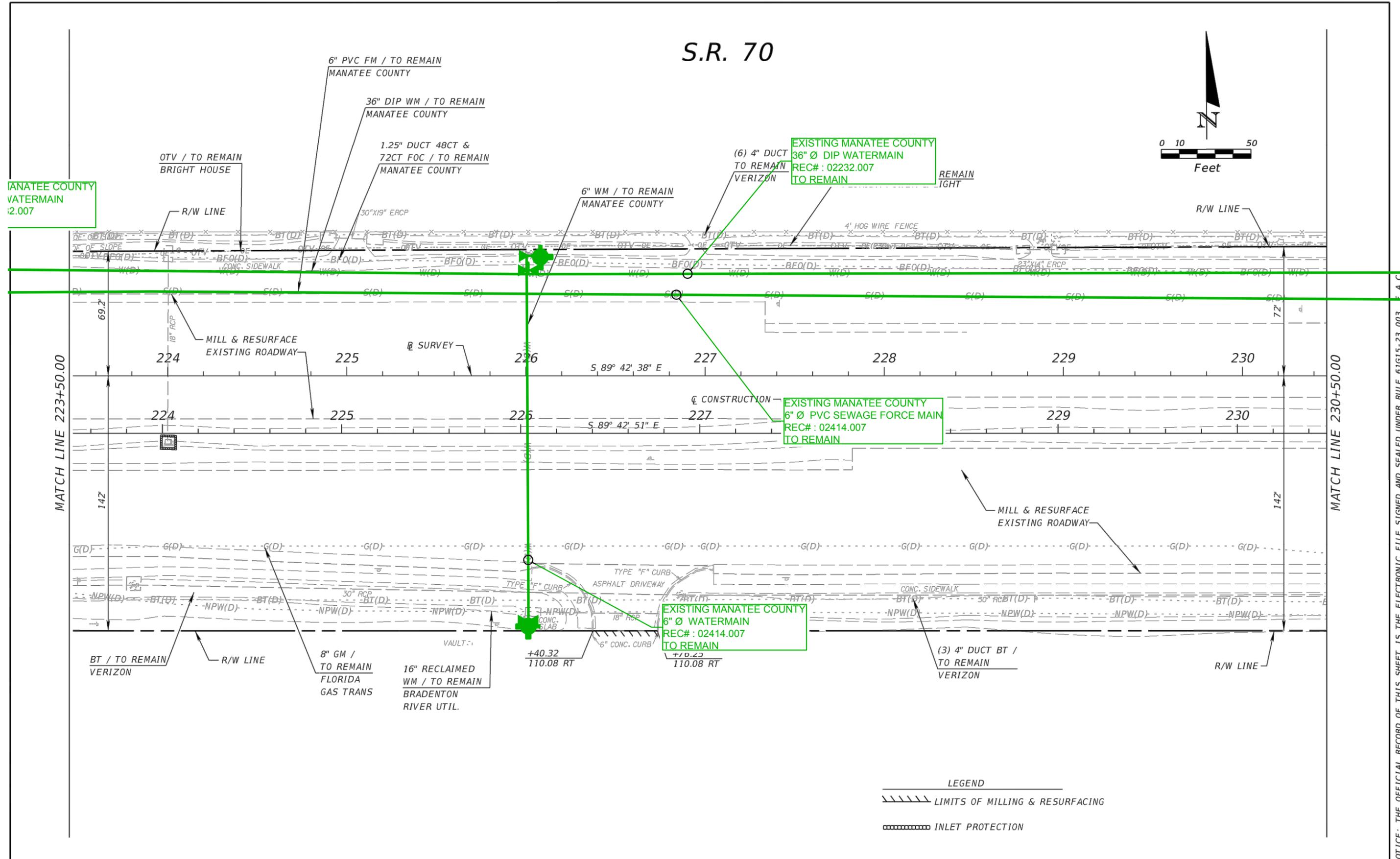


EXISTING MANATEE COUNTY
6" Ø WATERMAIN
REC#: 02.007

EXISTING MANATEE COUNTY
36" Ø DIP WATERMAIN
REC#: 02232.007
TO REMAIN

EXISTING MANATEE COUNTY
6" Ø PVC SEWAGE FORCE MAIN
REC#: 02414.007
TO REMAIN

EXISTING MANATEE COUNTY
6" Ø WATERMAIN
REC#: 02414.007
TO REMAIN

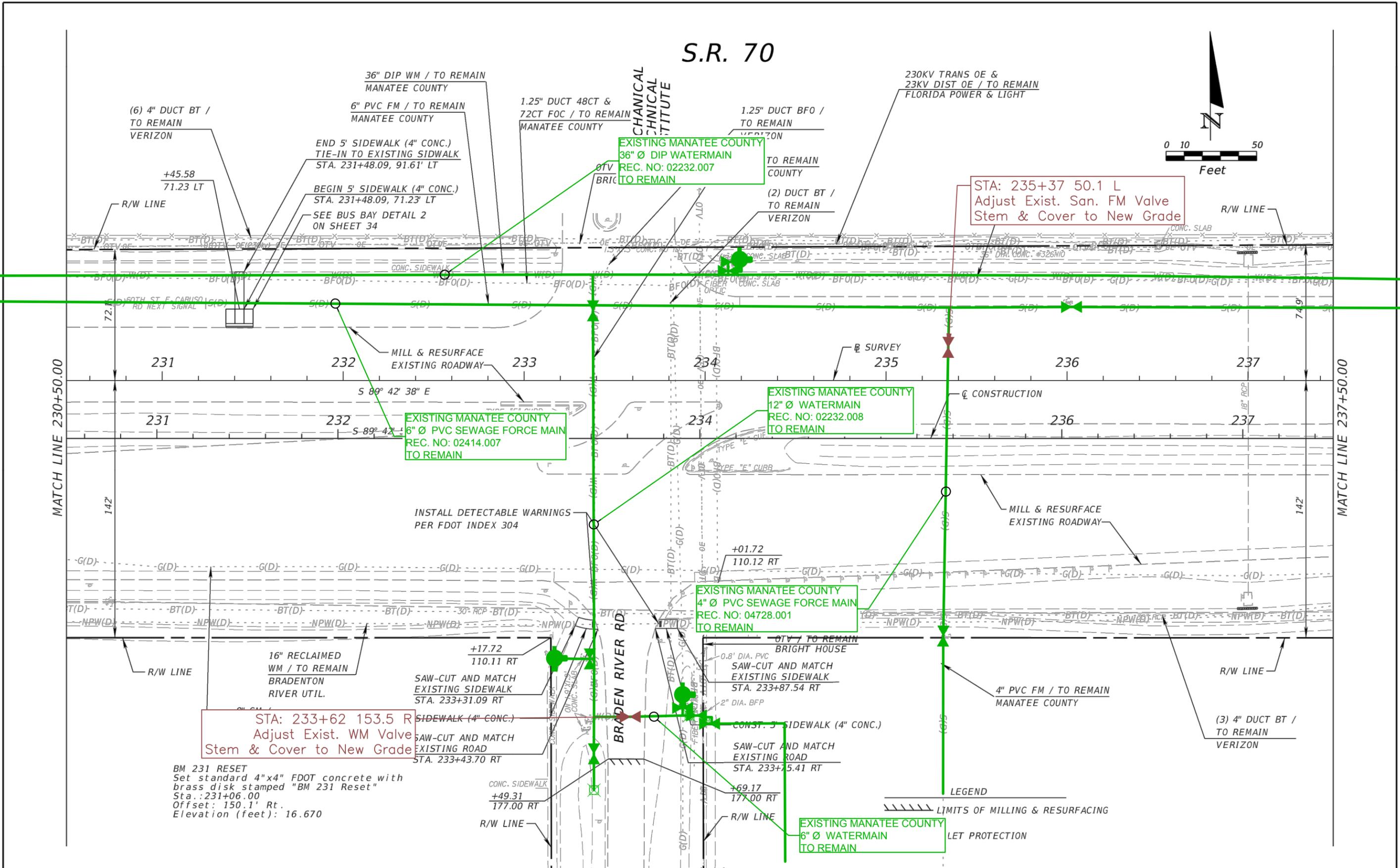
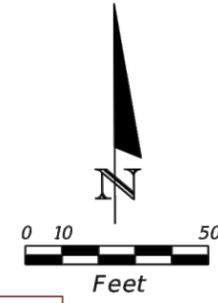


LEGEND
 // // // // LIMITS OF MILLING & RESURFACING
 [] INLET PROTECTION

REVISIONS				HORIZON ENGINEERING GROUP, INC. 2603 Maitland Center Pkwy., Suite B Maitland, Florida 32751 Phone: 407-644-7755 Certificate of Authorization No.: 00009544 SCOTT P. SECK, P.E. NO. 53215	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. 26
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					70	MANATEE	431373-1-52-01		

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

S.R. 70



STA: 233+62 153.5 R
Adjust Exist. WM Valve
Stem & Cover to New Grade

BM 231 RESET
Set standard 4"x4" FDOT concrete with
brass disk stamped "BM 231 Reset"
Sta.: 231+06.00
Offset: 150.1' Rt.
Elevation (feet): 16.670

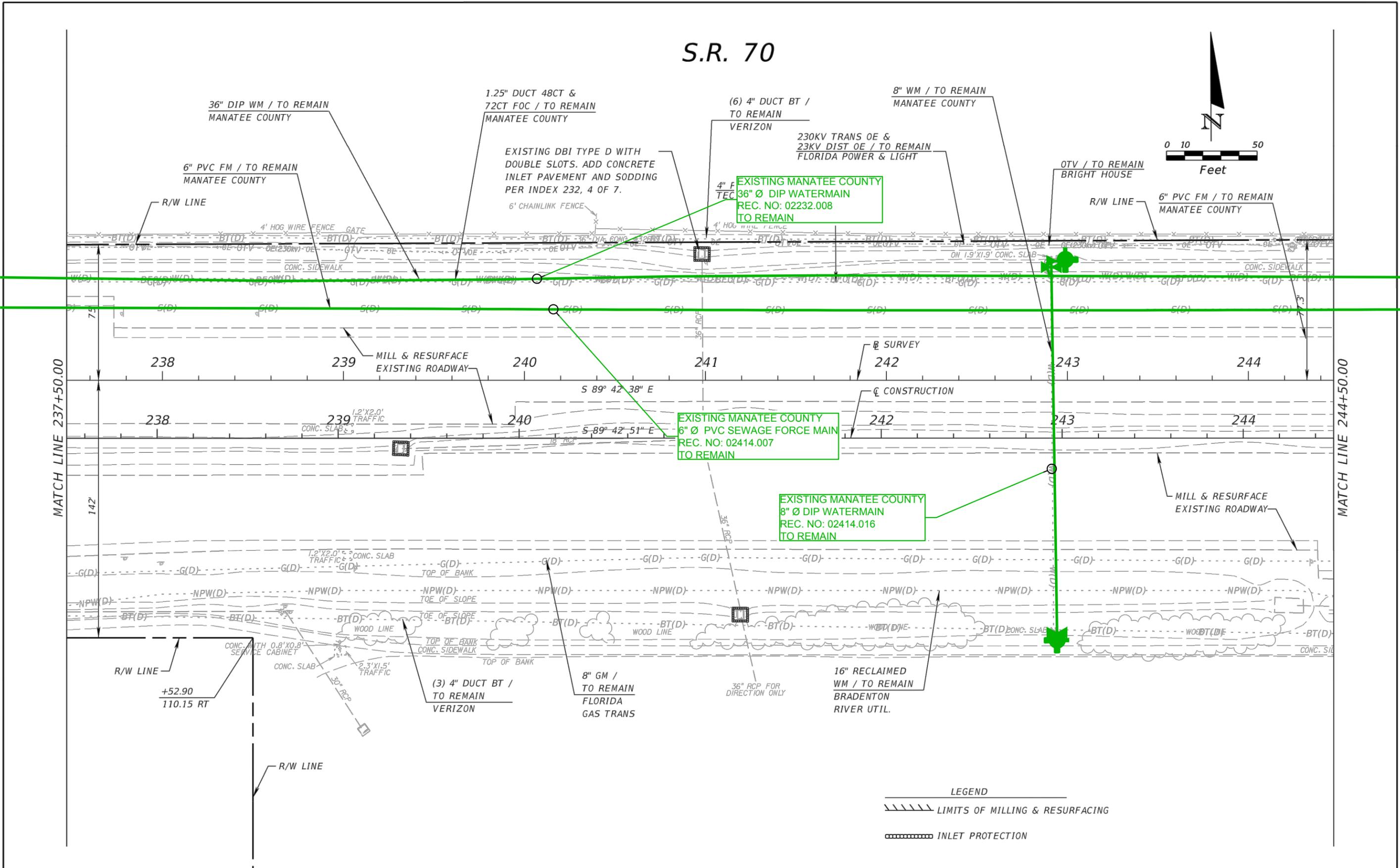
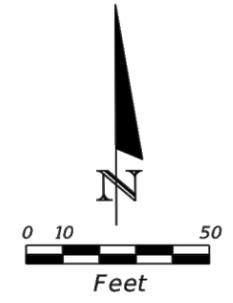
STA: 235+37 50.1 L
Adjust Exist. San. FM Valve
Stem & Cover to New Grade

LEGEND
LIMITS OF MILLING & RESURFACING
LET PROTECTION

REVISIONS				HORIZON ENGINEERING GROUP, INC. 2603 Maitland Center Pkwy., Suite B Maitland, Florida 32751 Phone: 407-644-7755 Certificate of Authorization No.: 00009544 SCOTT P. SECK, P.E. NO. 53215	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 27
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					70	MANATEE	431373-1-52-01	

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

S.R. 70



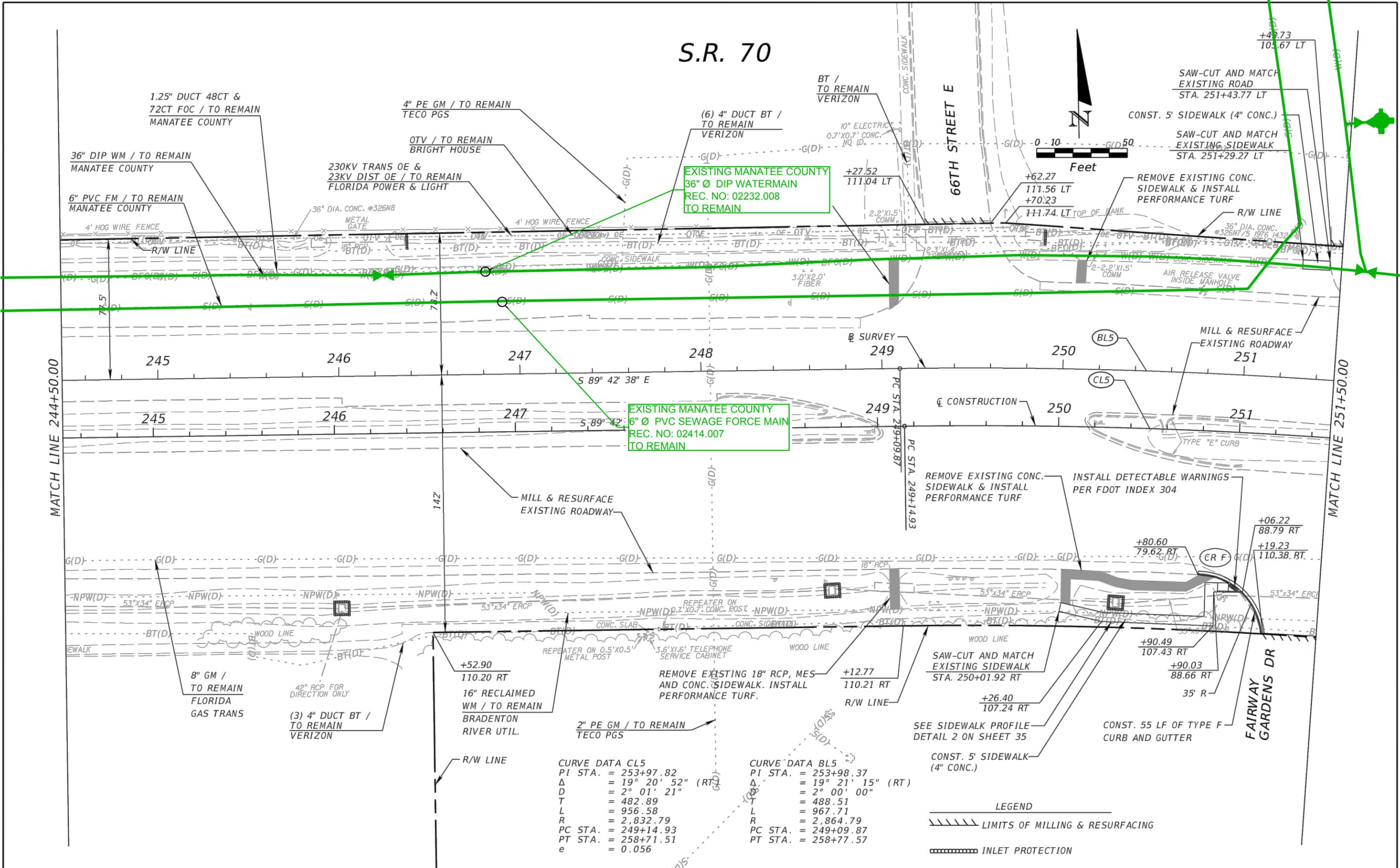
LEGEND

	LIMITS OF MILLING & RESURFACING
	INLET PROTECTION

REVISIONS				HORIZON ENGINEERING GROUP, INC. 2603 Maitland Center Pkwy., Suite B Maitland, Florida 32751 Phone: 407-644-7755 Certificate of Authorization No.: 00009544 SCOTT P. SECK, P.E. NO. 53215	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 28
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				70	MANATEE	431373-1-52-01		

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

S.R. 70

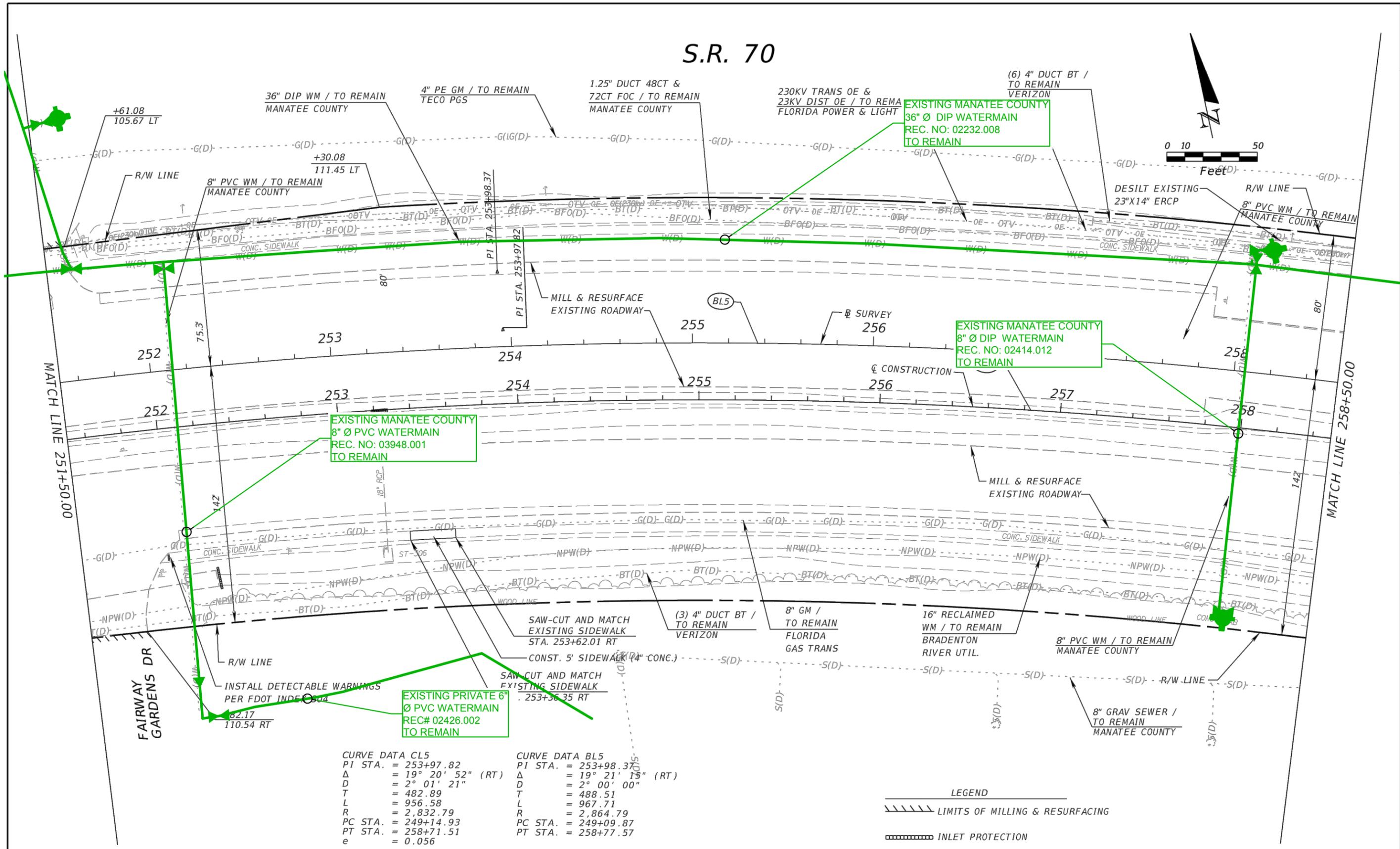


REVISIONS				HORIZON ENGINEERING GROUP, INC. 2603 Maitland Center Pkwy., Suite B Maitland, Florida 32751 Phone: 407-644-7755 Certificate of Authorization No.: 00009544 SCOTT P. SECK, P.E. NO. 53215	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 29
DATE	DESCRIPTION	DATE	ROAD NO.		COUNTY	FINANCIAL PROJECT ID		
			70		MANATEE	431373-1-52-01		

ROADWAY PLAN

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23-.003, F.A.C.

S.R. 70



CURVE DATA CL5		CURVE DATA BL5	
PI STA.	= 253+97.82	PI STA.	= 253+98.37
Δ	= 19° 20' 52" (RT)	Δ	= 19° 21' 15" (RT)
D	= 2° 01' 21"	D	= 2° 00' 00"
T	= 482.89	T	= 488.51
L	= 956.58	L	= 967.71
R	= 2,832.79	R	= 2,864.79
PC STA.	= 249+14.93	PC STA.	= 249+09.87
PT STA.	= 258+71.51	PT STA.	= 258+77.57
e	= 0.056		

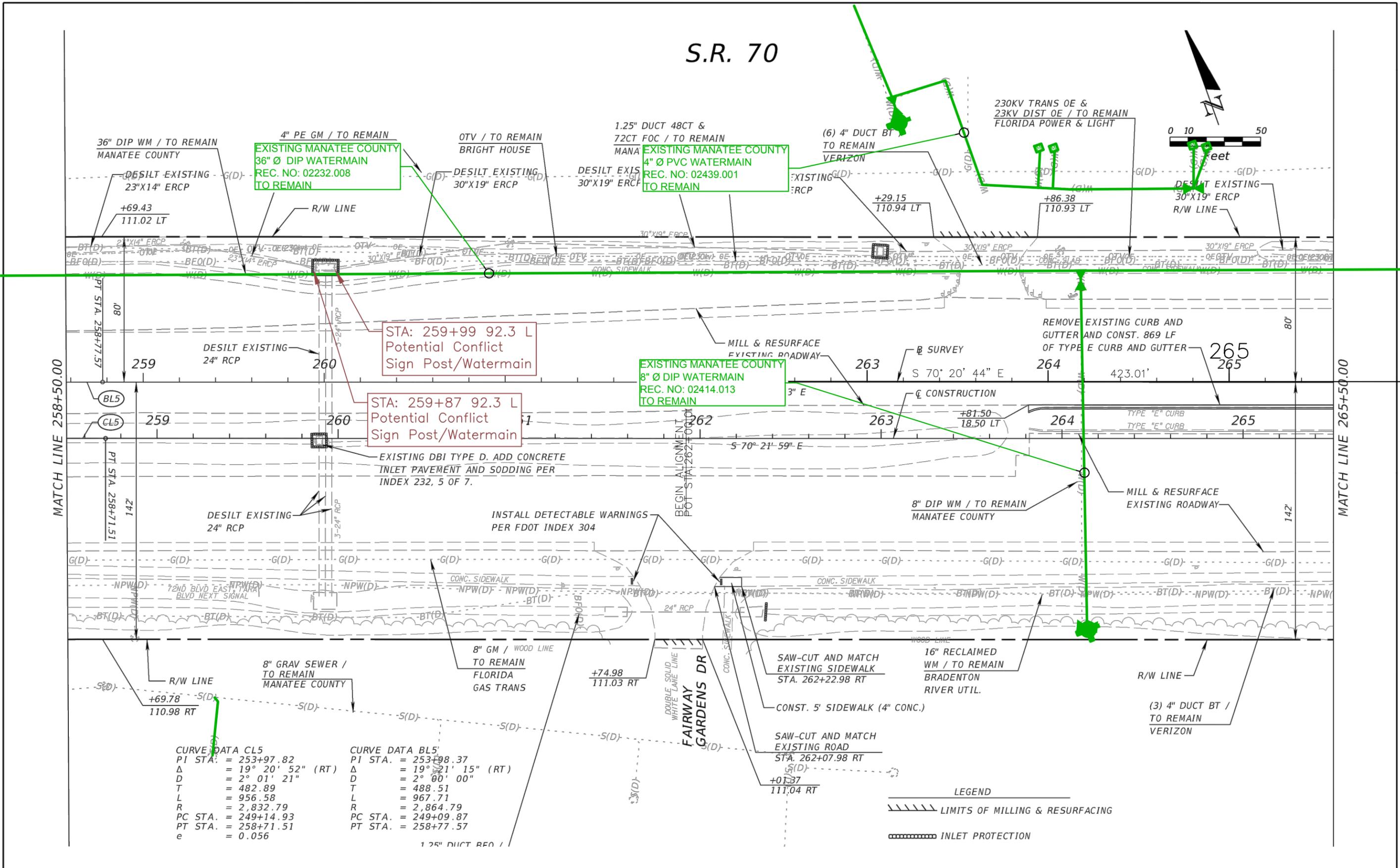
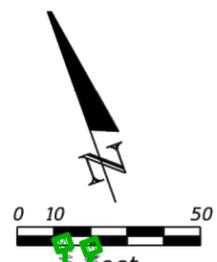
LEGEND

	LIMITS OF MILLING & RESURFACING
	INLET PROTECTION

REVISIONS				HORIZON ENGINEERING GROUP, INC. 2603 Maitland Center Pkwy., Suite B Maitland, Florida 32751 Phone: 407-644-7755 Certificate of Authorization No.: 00009544 SCOTT P. SECK, P.E. NO. 53215	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. 30
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					70	MANATEE	431373-1-52-01		

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23-.003, F.A.C.

S.R. 70



CURVE DATA CL5		CURVE DATA BL5	
PI STA.	= 253+97.82	PI STA.	= 253+98.37
Δ	= 19° 20' 52" (RT)	Δ	= 19° 21' 15" (RT)
D	= 2° 01' 21"	D	= 2° 00' 00"
T	= 482.89	T	= 488.51
L	= 956.58	L	= 967.71
R	= 2,832.79	R	= 2,864.79
PC STA.	= 249+14.93	PC STA.	= 249+09.87
PT STA.	= 258+71.51	PT STA.	= 258+77.57
e	= 0.056		

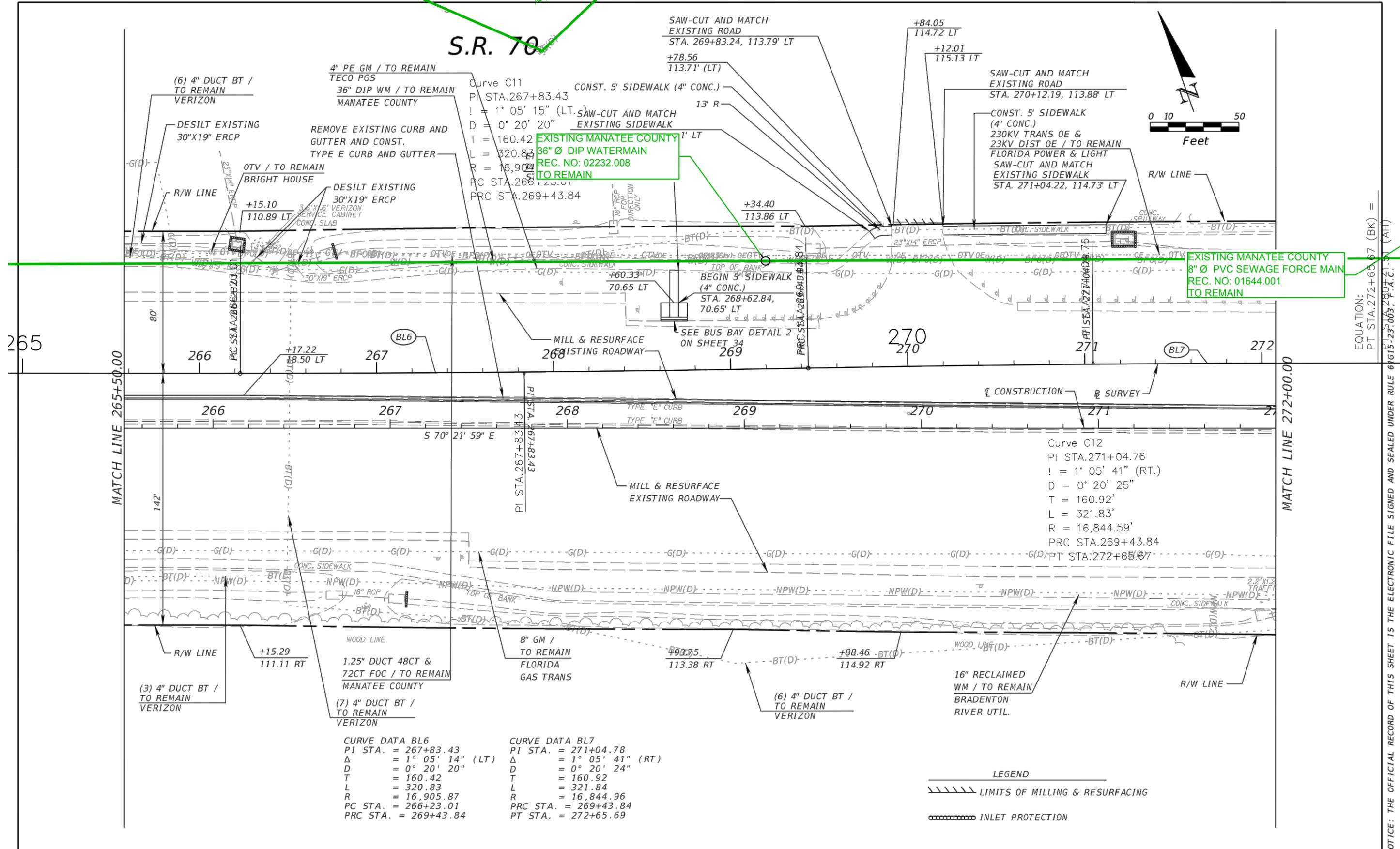
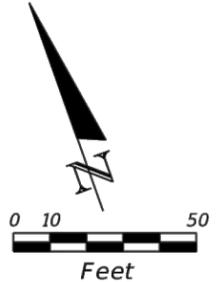
LEGEND

	LIMITS OF MILLING & RESURFACING
	INLET PROTECTION

REVISIONS				HORIZON ENGINEERING GROUP, INC. 2603 Maitland Center Pkwy., Suite B Maitland, Florida 32751 Phone: 407-644-7755 Certificate of Authorization No.: 00009544 SCOTT P. SECK, P.E. NO. 53215	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. 31
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					70	MANATEE	431373-1-52-01		

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

S.R. 70



CURVE DATA BL6		CURVE DATA BL7	
PI STA.	= 267+83.43	PI STA.	= 271+04.78
Δ	= $1^\circ 05' 14''$ (LT)	Δ	= $1^\circ 05' 41''$ (RT)
D	= $0^\circ 20' 20''$	D	= $0^\circ 20' 24''$
T	= 160.42	T	= 160.92
L	= 320.83	L	= 321.84
R	= 16,905.87	R	= 16,844.96
PC STA.	= 266+23.01	PRC STA.	= 269+43.84
PRC STA.	= 269+43.84	PT STA.	= 272+65.69

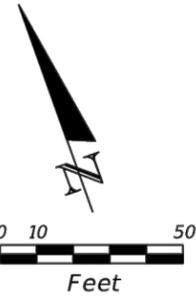
LEGEND

	LIMITS OF MILLING & RESURFACING
	INLET PROTECTION

REVISIONS				HORIZON ENGINEERING GROUP, INC. 2603 Maitland Center Pkwy., Suite B Maitland, Florida 32751 Phone: 407-644-7755 Certificate of Authorization No.: 00009544 SCOTT P. SECK, P.E. NO. 53215	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 32
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					70	MANATEE	431373-1-52-01	

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.005, F.A.C.

S.R. 70



END PROJECT
 END CONSTRUCTION
 END MILLING & RESURFACING (LT & RT)
 STA. 272+90.24 \bar{C} CONSTRUCTION
 STA. 280+73.78 \bar{C} SURVEY

EXISTING MANATEE COUNTY
 10" \bar{O} PVC WATERMAIN
 REC. NO: 01644.003
 TO REMAIN

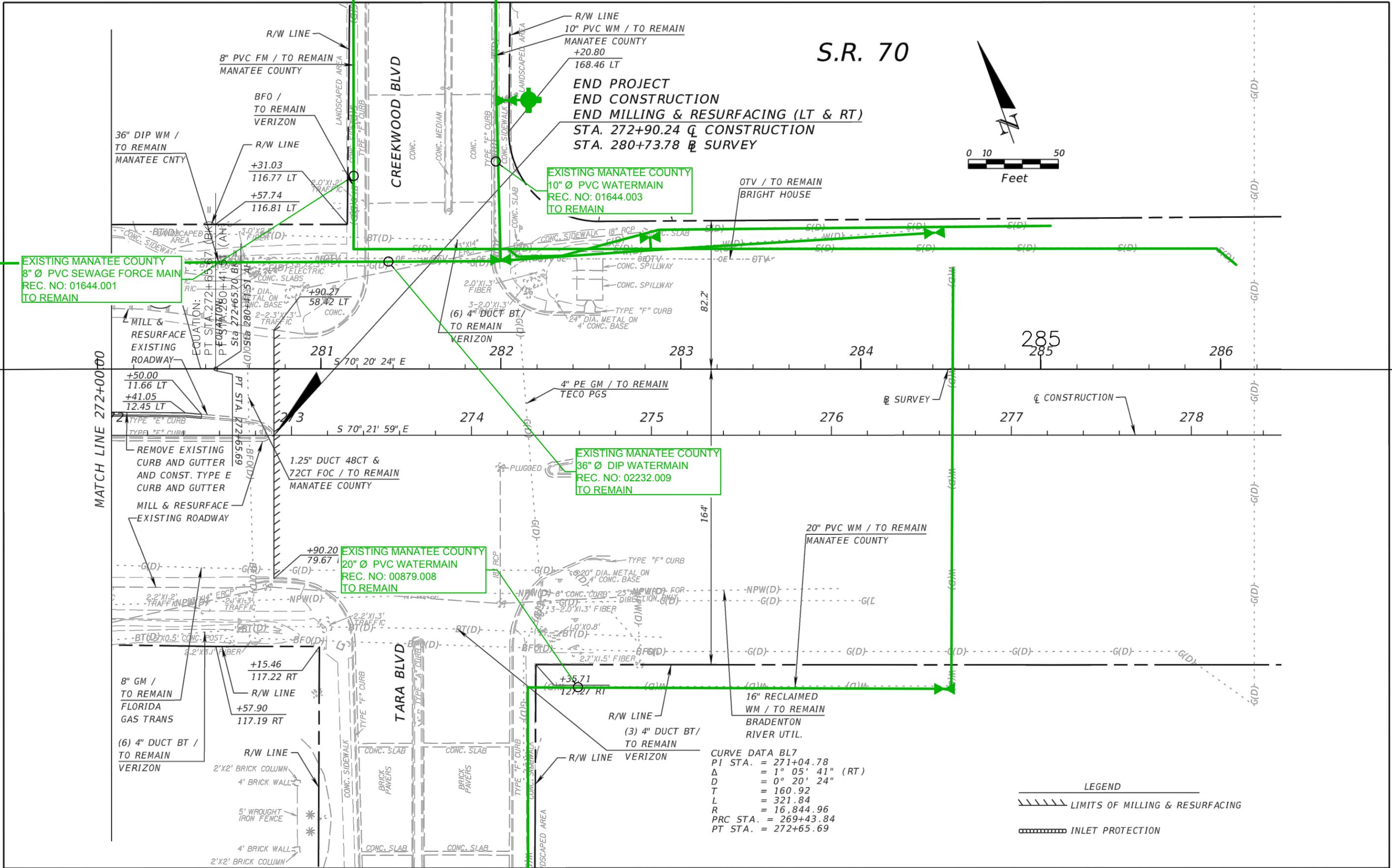
EXISTING MANATEE COUNTY
 8" \bar{O} PVC SEWAGE FORCE MAIN
 REC. NO: 01644.001
 TO REMAIN

EXISTING MANATEE COUNTY
 36" \bar{O} DIP WATERMAIN
 REC. NO: 02232.009
 TO REMAIN

EXISTING MANATEE COUNTY
 20" \bar{O} PVC WATERMAIN
 REC. NO: 00879.008
 TO REMAIN

CURVE DATA BL7
 PI STA. = 271+04.78
 Δ = 1° 05' 41" (RT)
 D = 0° 20' 24"
 T = 160.92
 L = 321.84
 R = 16,844.96
 PRC STA. = 269+43.84
 PT STA. = 272+65.69

LEGEND
 LIMITS OF MILLING & RESURFACING
 INLET PROTECTION



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

HORIZON ENGINEERING GROUP, INC.
 2603 Maitland Center Pkwy., Suite B
 Maitland, Florida 32751
 Phone: 407-644-7755
 Certificate of Authorization No.: 00009544
 SCOTT P. SECK, P.E. NO. 53215

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
70	MANATEE	431373-1-52-01

ROADWAY PLAN

SHEET NO.
33

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.