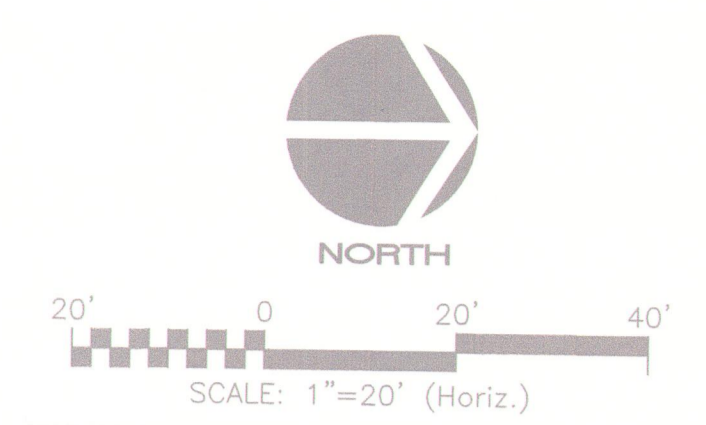
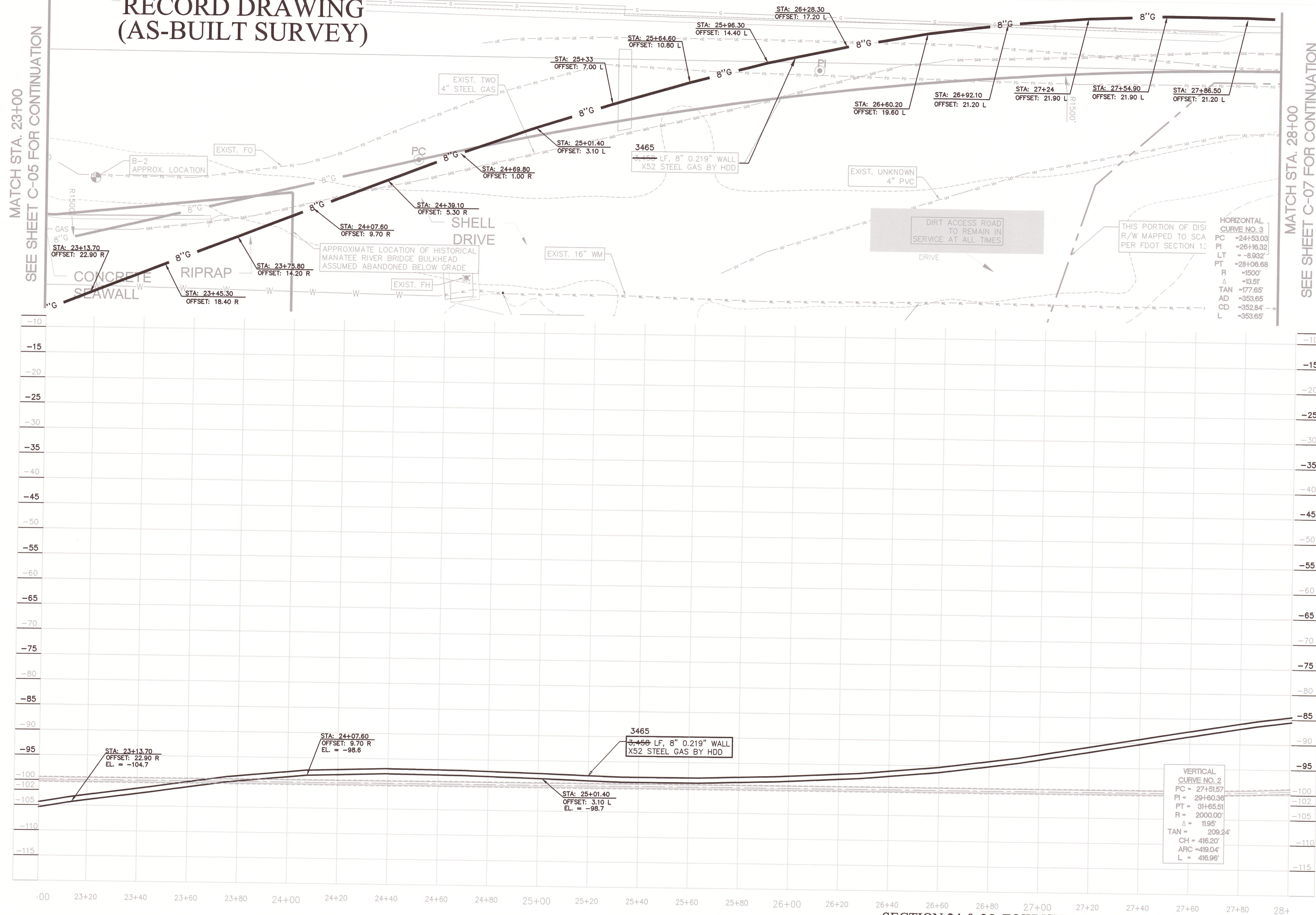


People's Gas System, Inc.

RECORD DRAWING (AS-BUILT SURVEY)



REV. NO.	DESCRIPTIONS

SEAL

BLAKE PETERS, P.E.
No. 64429

MCKIM & CREED
551 North Cattleman Road, Suite 106
Sarasota, Florida 34232
Phone: (941)379-3404, Fax: (941)203-1956
EB0029588
www.mckimcreed.com

TECO
PEOPLES GAS
AN EMERA COMPANY

SECTION 24 & 25, TOWNSHIP 34 SOUTH, RANGE 17 EAST
MANATEE COUNTY, FLORIDA

DESOTO BRIDGE GAS MAIN
EMERGENCY REPLACEMENT

PLAN & PROFILE SHEET
STA 23+00 TO 28+00

BRUCE McGEHEE, PSM, INC.
4415 BOUGH ROAD
ZEPHYRHILLS, FLORIDA 33541
TEL: (813) 997-7552

DATE: FEBRUARY 2019
MCE PROJ. # 06128-0002
DRAWN: CN
DESIGNED: BRP
CHECKED: CR
PROJ. MGR.: BRP

SCALE
HORIZONTAL:
1" = 20'
VERTICAL:

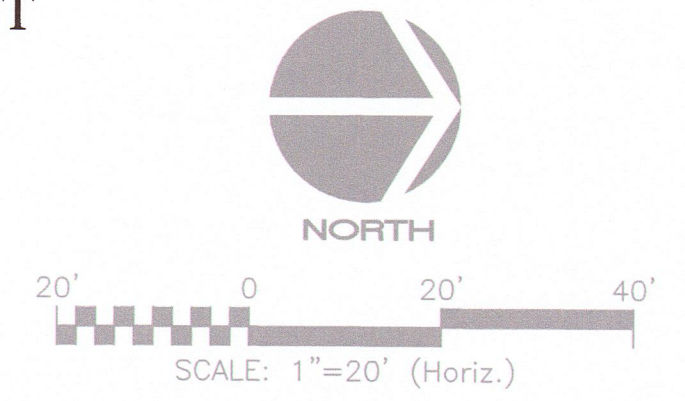
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DRAWING NUMBER
C-06

STATUS: ISSUED FOR CONSTRUCTION
REVISION

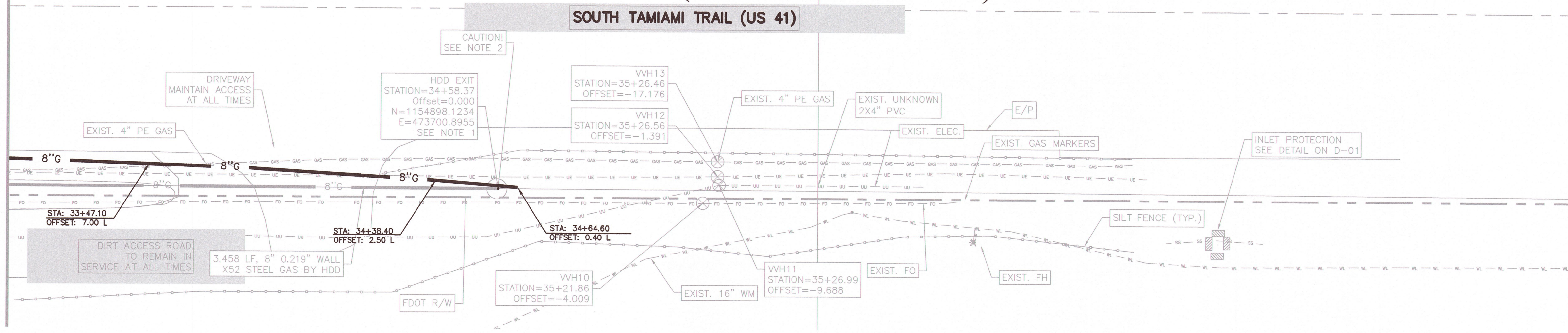
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RECORD DRAWING (AS-BUILT SURVEY)

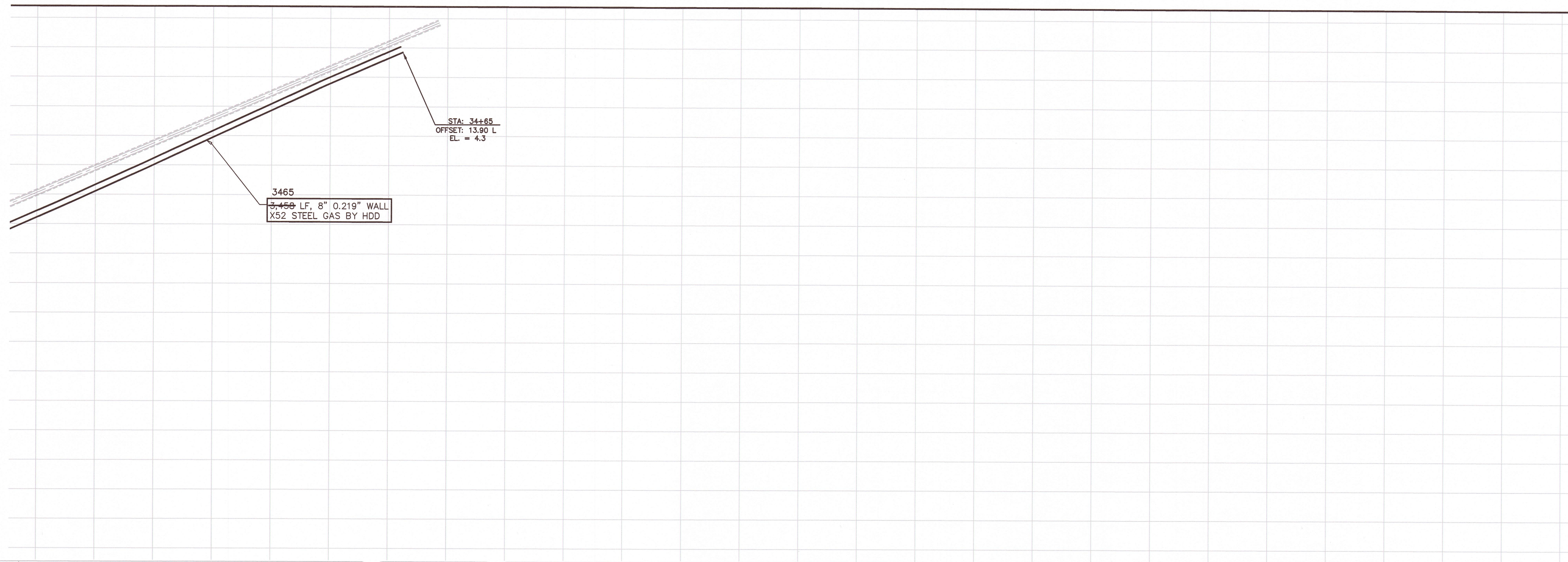
SECTION 24 & 25, TOWNSHIP 34 SOUTH, RANGE 17 EAST
MANATEE COUNTY, FLORIDA



MATCH STA. 33+00
SEE SHEET C-07 FOR CONTINUATION



- NOTES:
1. CONTRACTOR SHALL FIELD VERIFY EXISTING GAS, UE, AND FO PRIOR TO EXCAVATION OF RECEIVING PIT AND STARTING DRILLING OPERATIONS.
 2. AN OBSERVATION PIT SHALL BE EXCAVATED AROUND EXISTING UTILITIES PRIOR TO THE PILOT DRILL ADVANCING IN THE VICINITY.



C:\JAMES\CADD\2019\Manatee\Surveying\Projects\WCS2\2019\Projects\Desoto Bridge Gas Main Repair - (7-11-19)\DWG\C-08 06122019.dwg

REVNO.	DESCRIPTIONS	REVISIONS

SEAL

BLAKE PETERS, P.E.
No. 64429

551 North Cattleman Road, Suite 106
Sarasota, Florida 34232
Phone: (941)379-3404, Fax: (941)203-1956
E80029588
www.mckimcreed.com

DESOTO BRIDGE GAS MAIN
EMERGENCY REPLACEMENT

PLAN & PROFILE SHEET STA
33+00 TO 38+00

BRUCE McGEHEE, PSM, INC.
4415 BOUGH ROAD
ZEPHYRHILLS, FLORIDA 33541
TEL: (813) 997-7552

DATE: FEBRUARY 2019
MCE PROJ. # 06128-0002
DRAWN: CN
DESIGNED: BRP
CHECKED: CR
PROJ. MGR: BRP

SCALE
HORIZONTAL:
1" = 20'
VERTICAL:
1" = 8'

M&C FILE NUMBER
DRAWING NUMBER
C-08

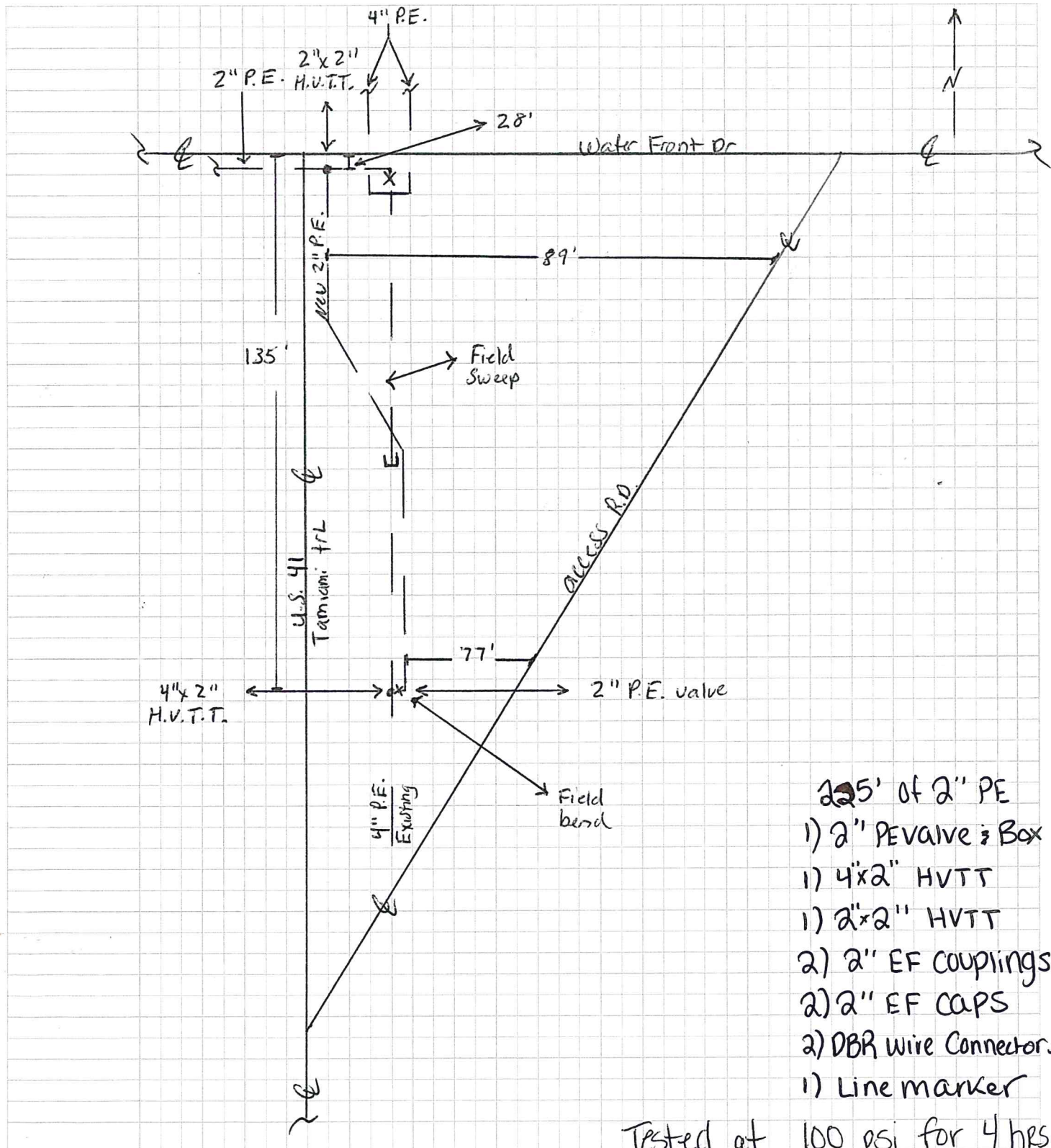
STATUS: ISSUED FOR CONSTRUCTION
REVISION

TECO

PEOPLES GAS
CALCULATION SHEET

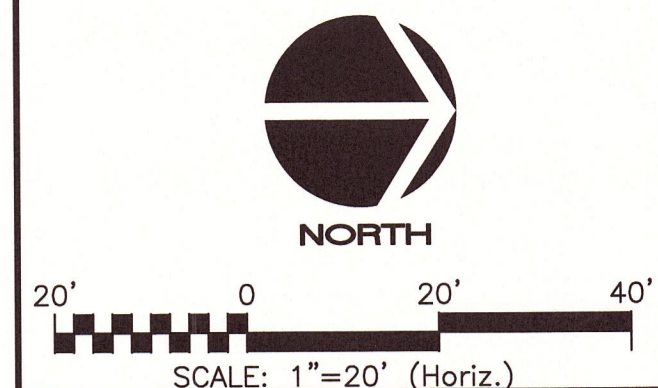
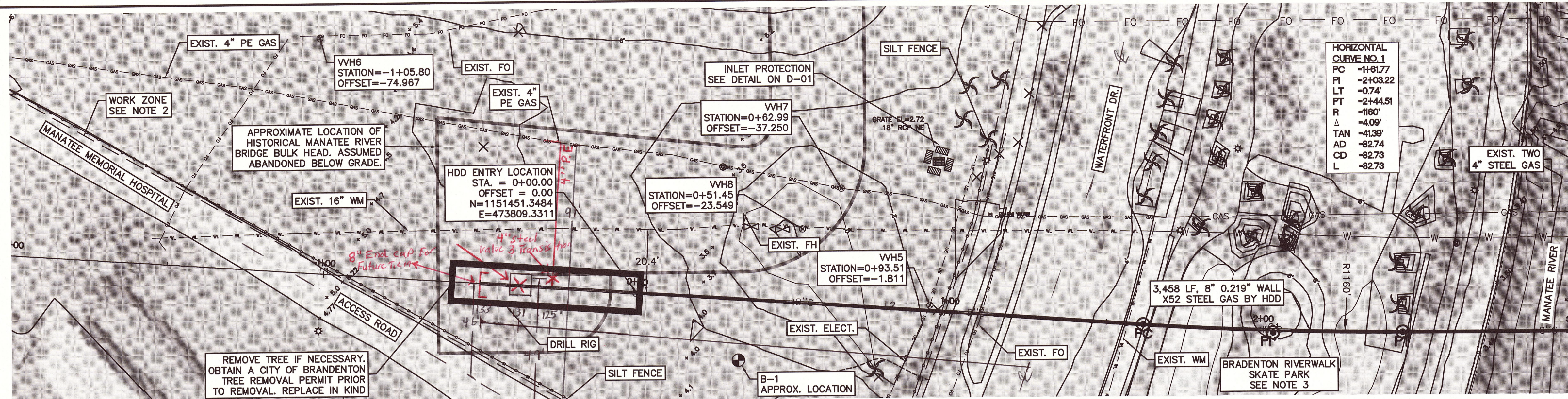
Sheet 1 of 1
 Made by Ryan Fink Date 9-19-19
 Checked by _____ Date _____

REFERS TO 2" P.E. Jumper



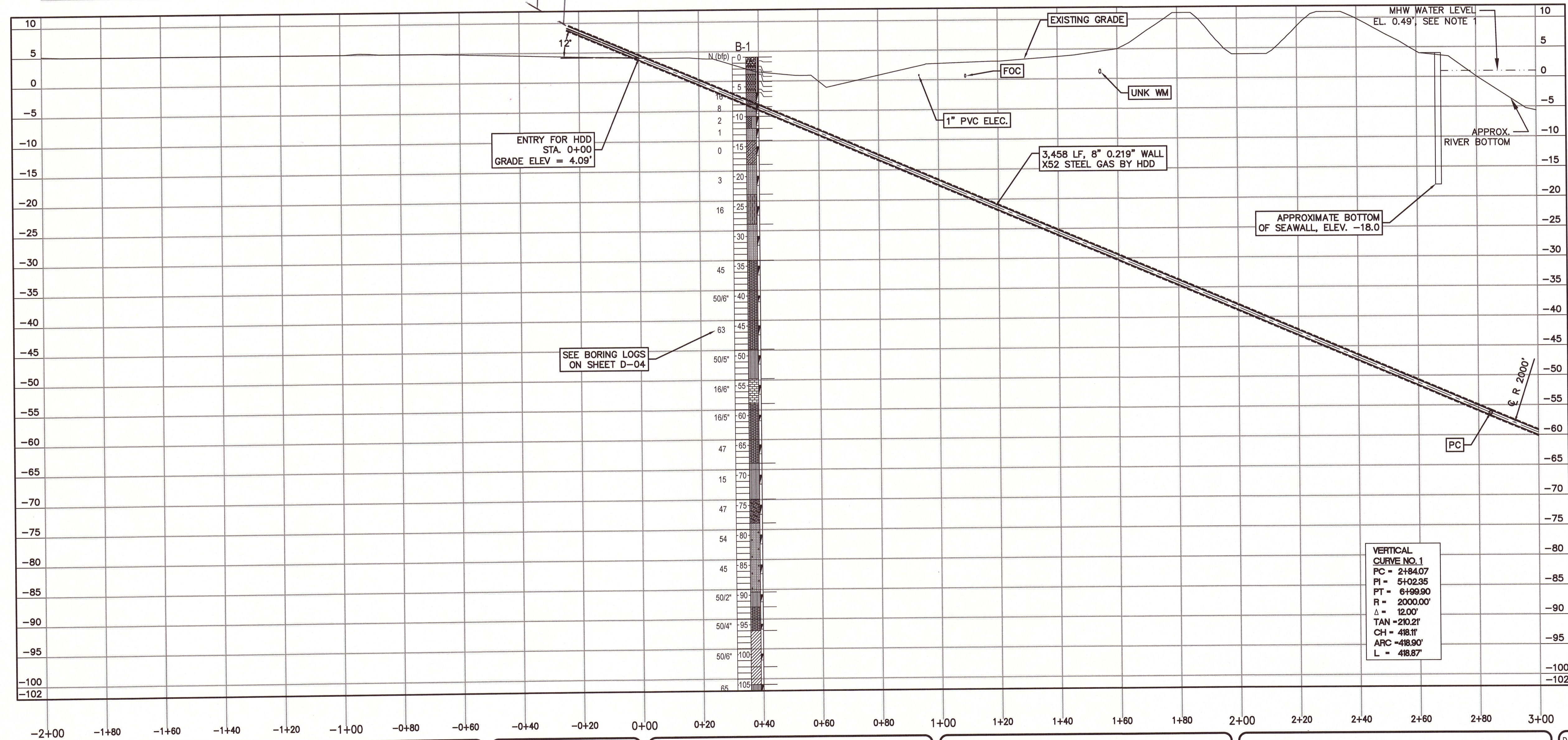
- 225' of 2" PE
- 1) 2" PE Valve & Box
- 1) 4"x2" HVTT
- 1) 2"x2" HVTT
- 2) 2" EF Couplings
- 2) 2" EF Caps
- 2) DBR Wire Connectors
- 1) Line marker

Tested at 100 psi for 4 hrs.



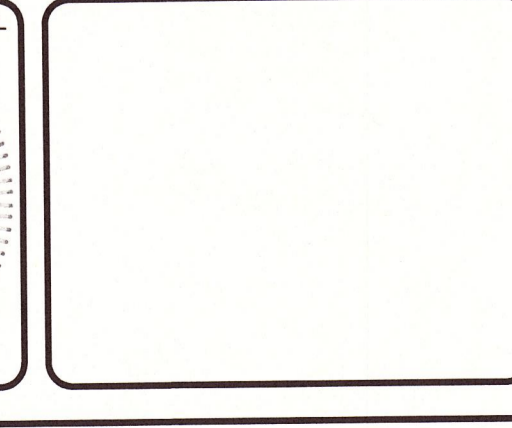
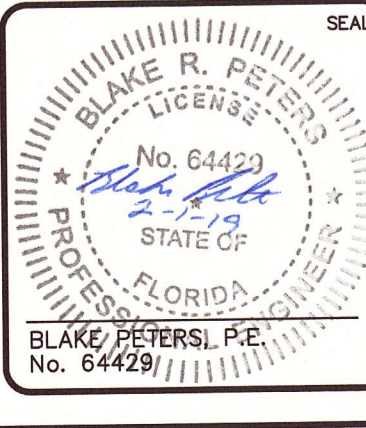
MATCH STA. 3+00
SEE SHEET C-02 FOR CONTINUATION

- NOTES:
1. MEAN HIGH WATER (MHW) FROM TIDE INTERPOLATION POINT 3B1. SOURCE WWW.LABINS.ORG
 2. WORK ZONE SHALL BE ENTIRELY WITHIN THE GRASS TRIANGULAR AREA SHOWN ON G-03 WITHIN THE FDOT R/W.
 3. CONTRACTOR SHALL COORDINATE WITH THE CITY OF BRADENTON FOR TEMPORARY PARK CLOSURES IF NECESSARY AT ANYTIME DURING CONSTRUCTION.



S:\Projects\2019\DESOTO BRIDGE GAS MAIN EMERGENCY REPLACEMENT\CD\CD-01_08122019.dwg, 2/7/2019 11:23:58 AM, Corina Najera

REVNO.	DESCRIPTIONS	REVISIONS



MCKIM & CREED
 551 North Cattleman Road, Suite 106
 Sarasota, Florida 34232
 Phone: (941)379-3404, Fax: (941)203-1956
 EB0029588
 www.mckimcreed.com

TECO
 PEOPLES GAS
 AN EMERA COMPANY

**DESOTO BRIDGE GAS MAIN
 EMERGENCY REPLACEMENT**

**PLAN AND PROFILE STA
 -2+00 TO 3+00**

DATE: FEBRUARY 2019
 MCE PROJ. # 06128-0002
 DRAWN: CN
 DESIGNED: BRP
 CHECKED: CR
 PROJ. MGR: BRP

SCALE
 HORIZONTAL: 1" = 20'
 VERTICAL: 1" = 8'

M&C FILE NUMBER
 DRAWING NUMBER
C-01

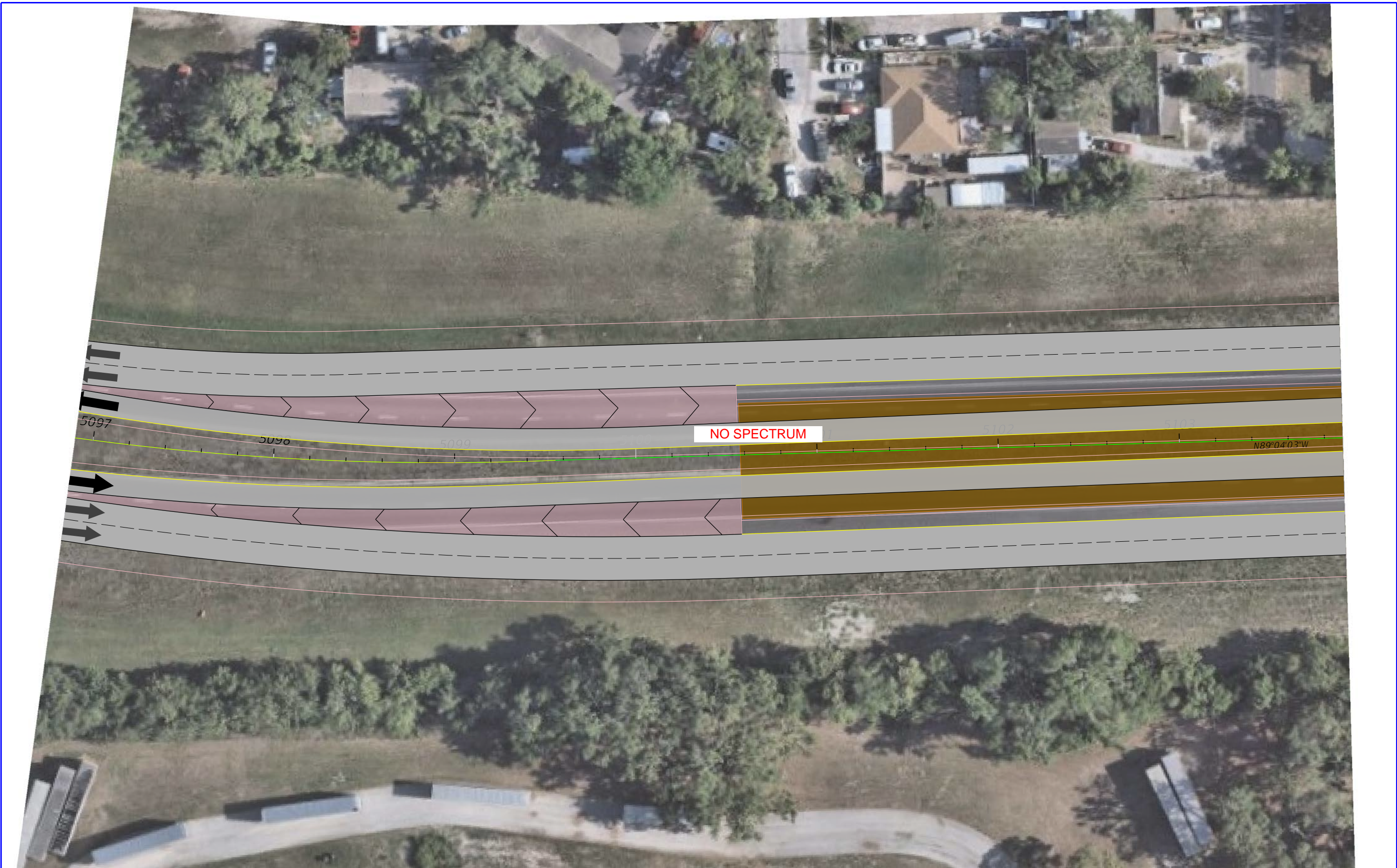
STATUS: **ISSUED FOR CONSTRUCTION**

Spectrum Sunshine State, LLC



REVISIONS		PROFESSIONAL TYPE		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			BRADENTON-PALMETTO CONNECTOR PD&E STUDY CONCEPTUAL ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		1
				55	MANATEE	444843-1-22-01		

FAC NOTE



REVISIONS		PROFESSIONAL TYPE		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			BRADENTON-PALMETTO CONNECTOR PD&E STUDY CONCEPTUAL ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		2
				55	MANATEE	444843-1-22-01		



NO SPECTRUM

REVISIONS		PROFESSIONAL TYPE		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			BRADENTON-PALMETTO CONNECTOR	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				55	MANATEE	444843-1-22-01	CONCEPTUAL ROADWAY PLAN	3

FAC NOTE



NO SPECTRUM

REVISIONS		PROFESSIONAL TYPE		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			BRADENTON-PALMETTO CONNECTOR	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				55	MANATEE	444843-1-22-01	CONCEPTUAL ROADWAY PLAN	4

PROFESSIONAL NAME
 LICENSE NUMBER: #####
 COMPANY NAME
 STREET
 CITY, STATE ZIP CODE

FAC NOTE



REVISIONS		PROFESSIONAL TYPE		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			BRADENTON-PALMETTO CONNECTOR	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				PROFESSIONAL NAME LICENSE NUMBER: ##### COMPANY NAME STREET CITY, STATE ZIP CODE	55	MANATEE	444843-1-22-01	5

FAC NOTE

(2) 2" BTV SPECTRUM



REVISIONS		PROFESSIONAL TYPE		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			BRADENTON-PALMETTO CONNECTOR	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				55	MANATEE	444843-1-22-01	CONCEPTUAL ROADWAY PLAN	6

FAC NOTE



NO SPECTRUM

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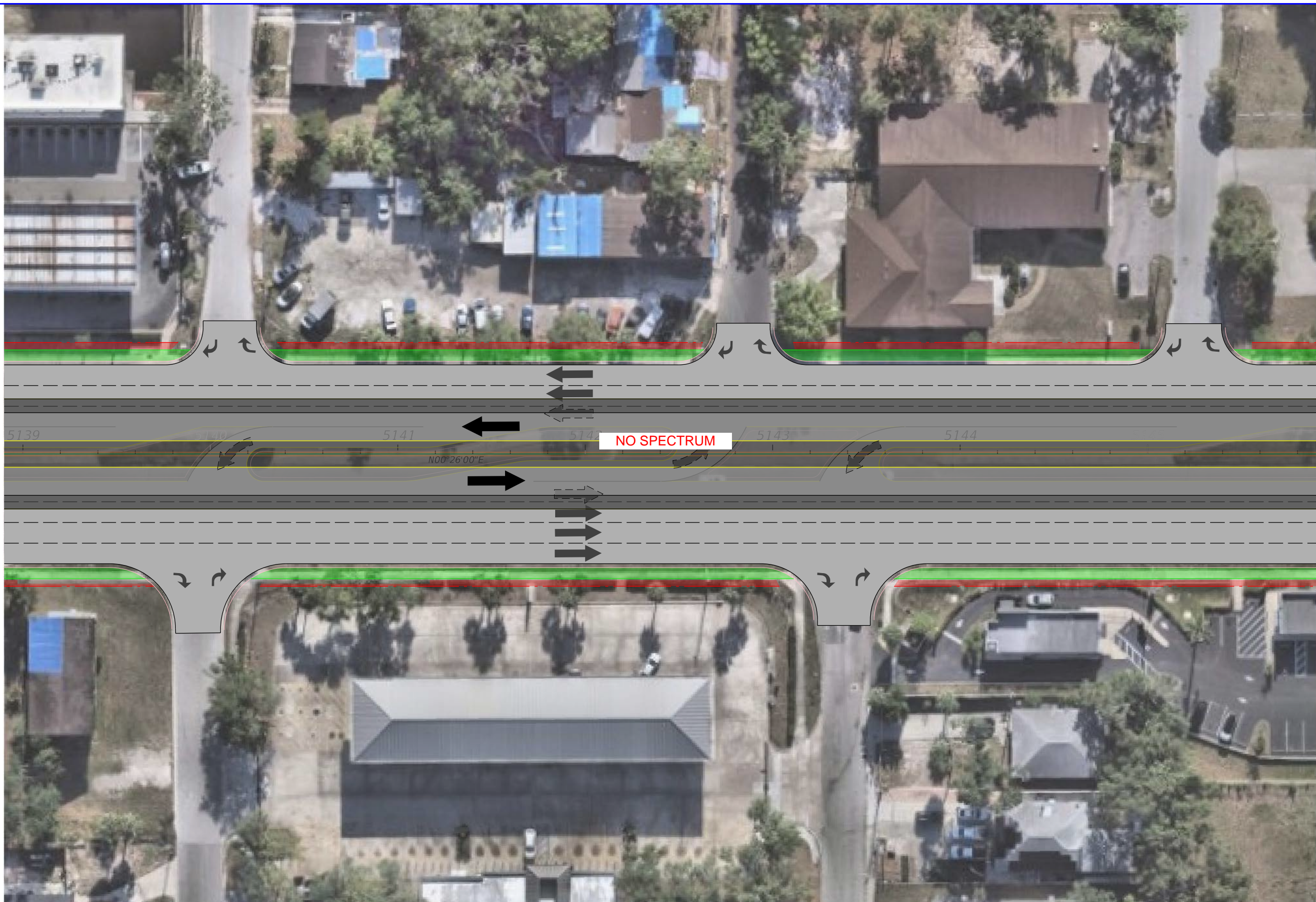
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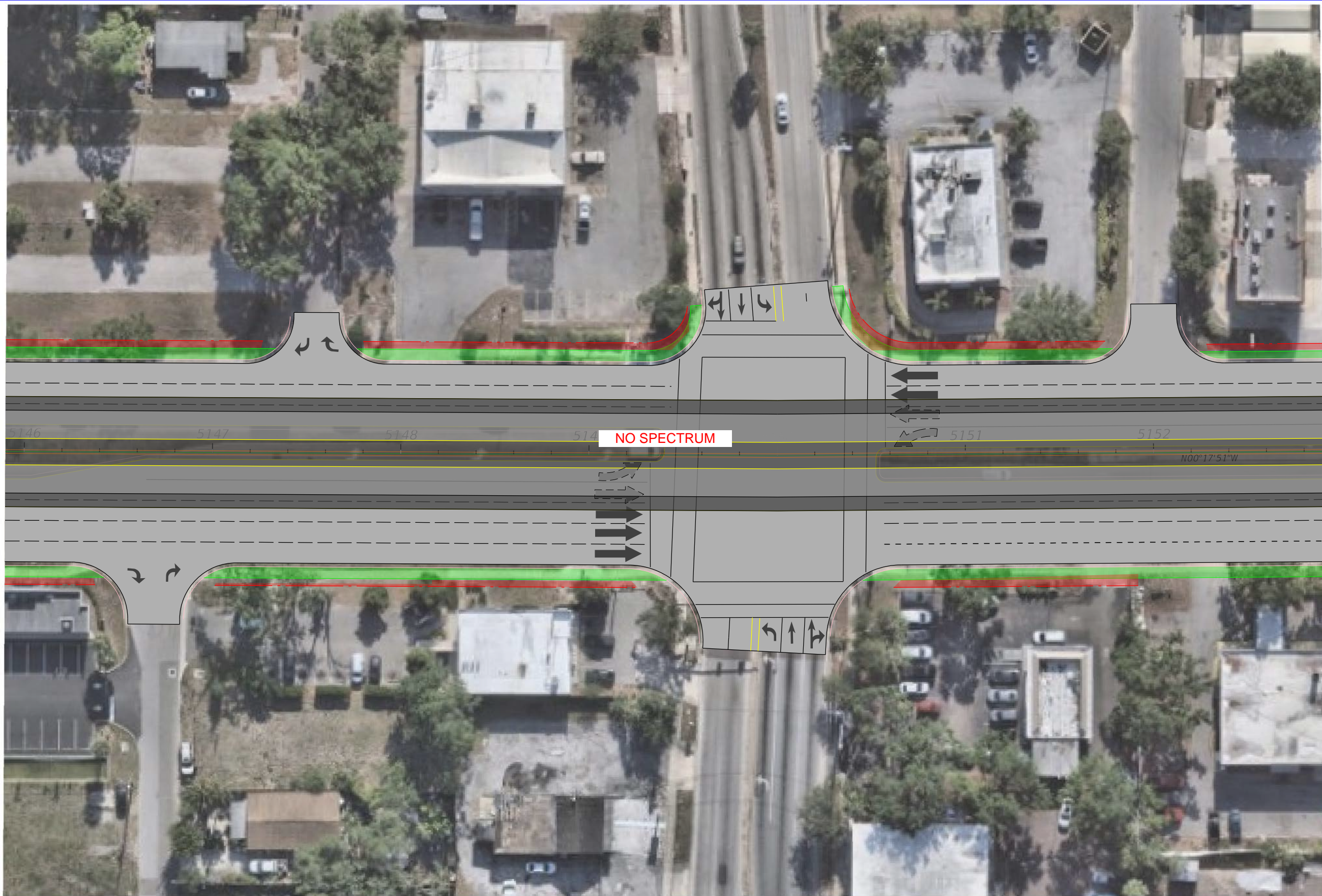
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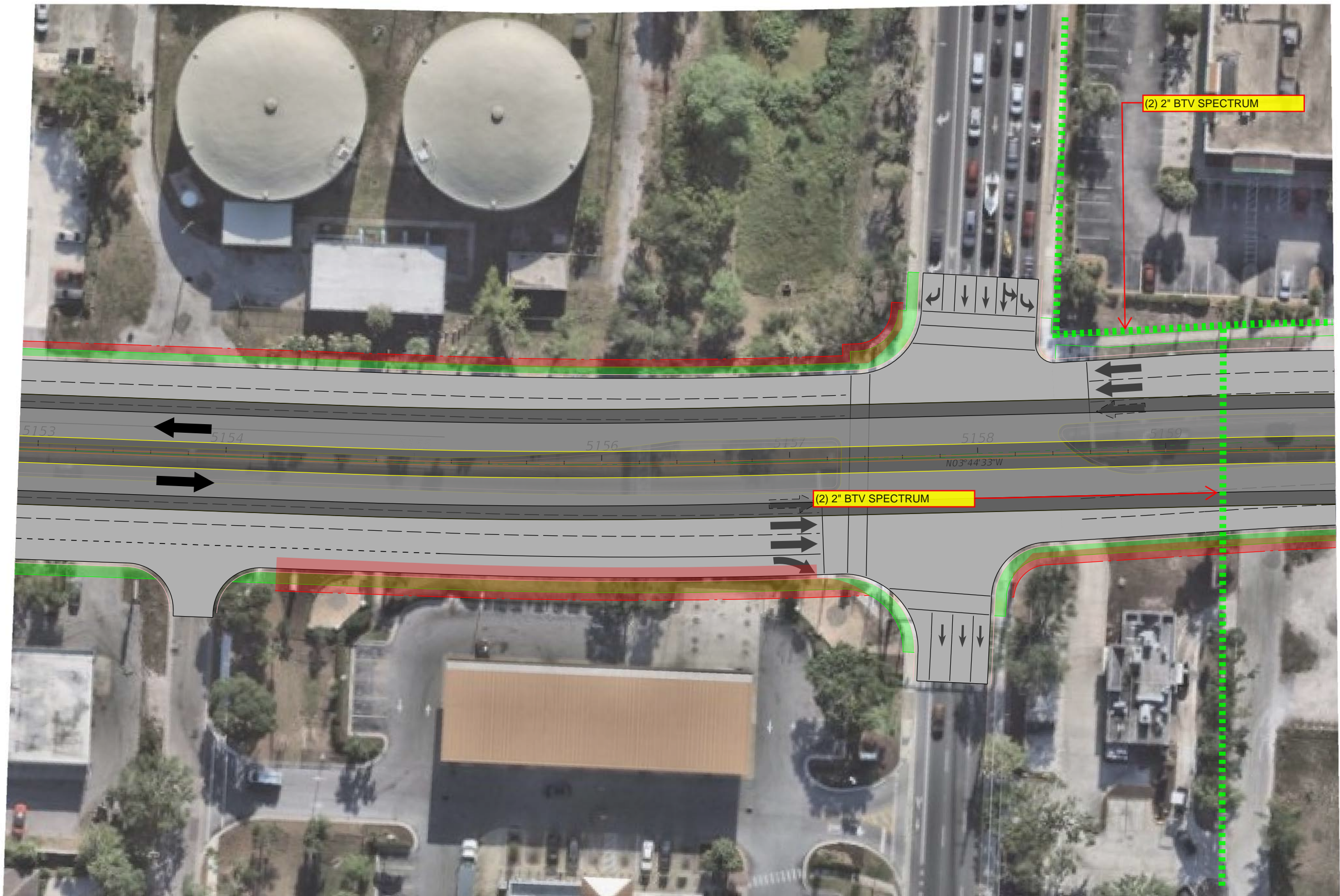
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DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				PROFESSIONAL NAME LICENSE NUMBER: ##### COMPANY NAME STREET CITY, STATE ZIP CODE	55	MANATEE	444843-1-22-01	7



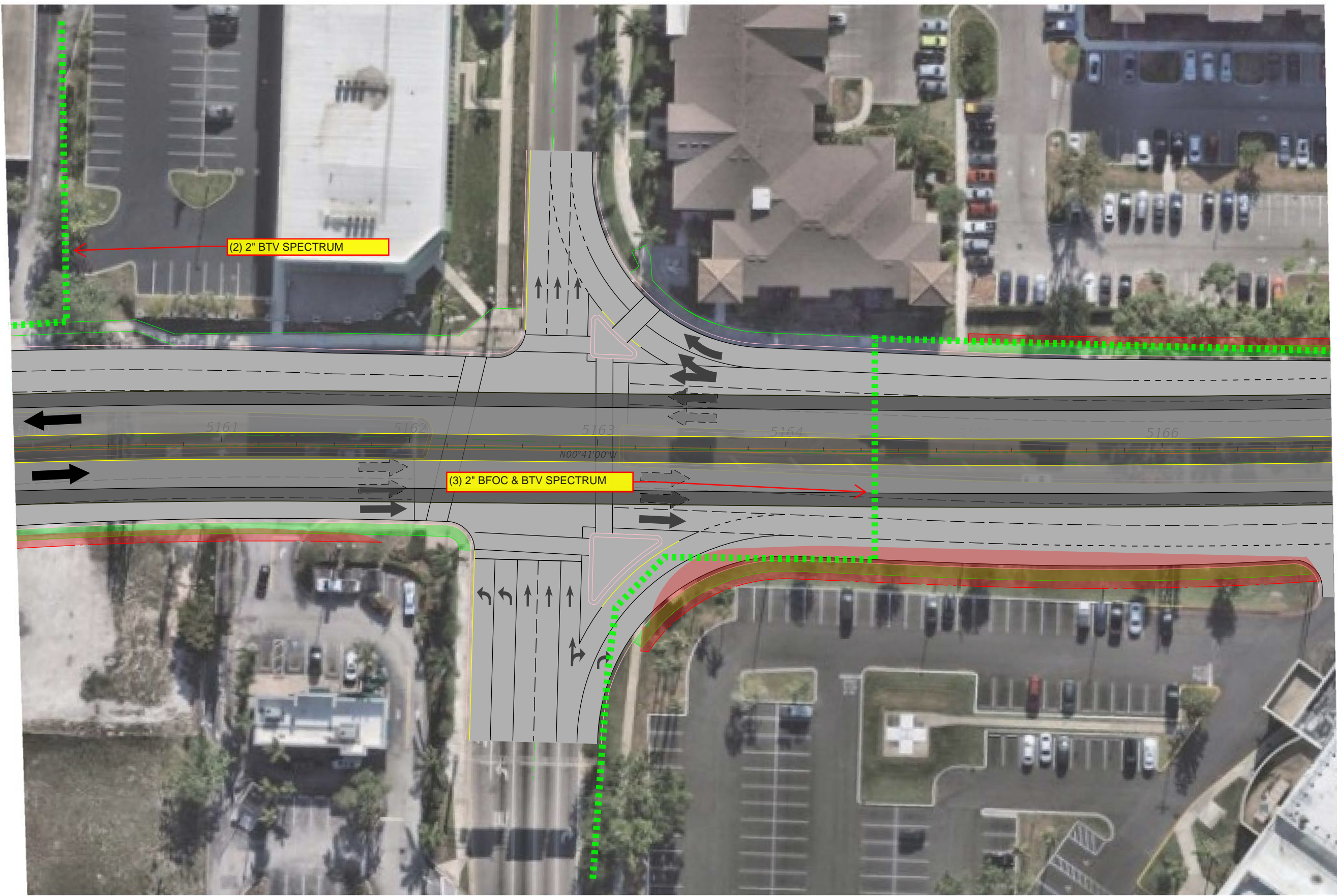
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DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				PROFESSIONAL NAME LICENSE NUMBER: ##### COMPANY NAME STREET CITY, STATE ZIP CODE	55	MANATEE	444843-1-22-01	8



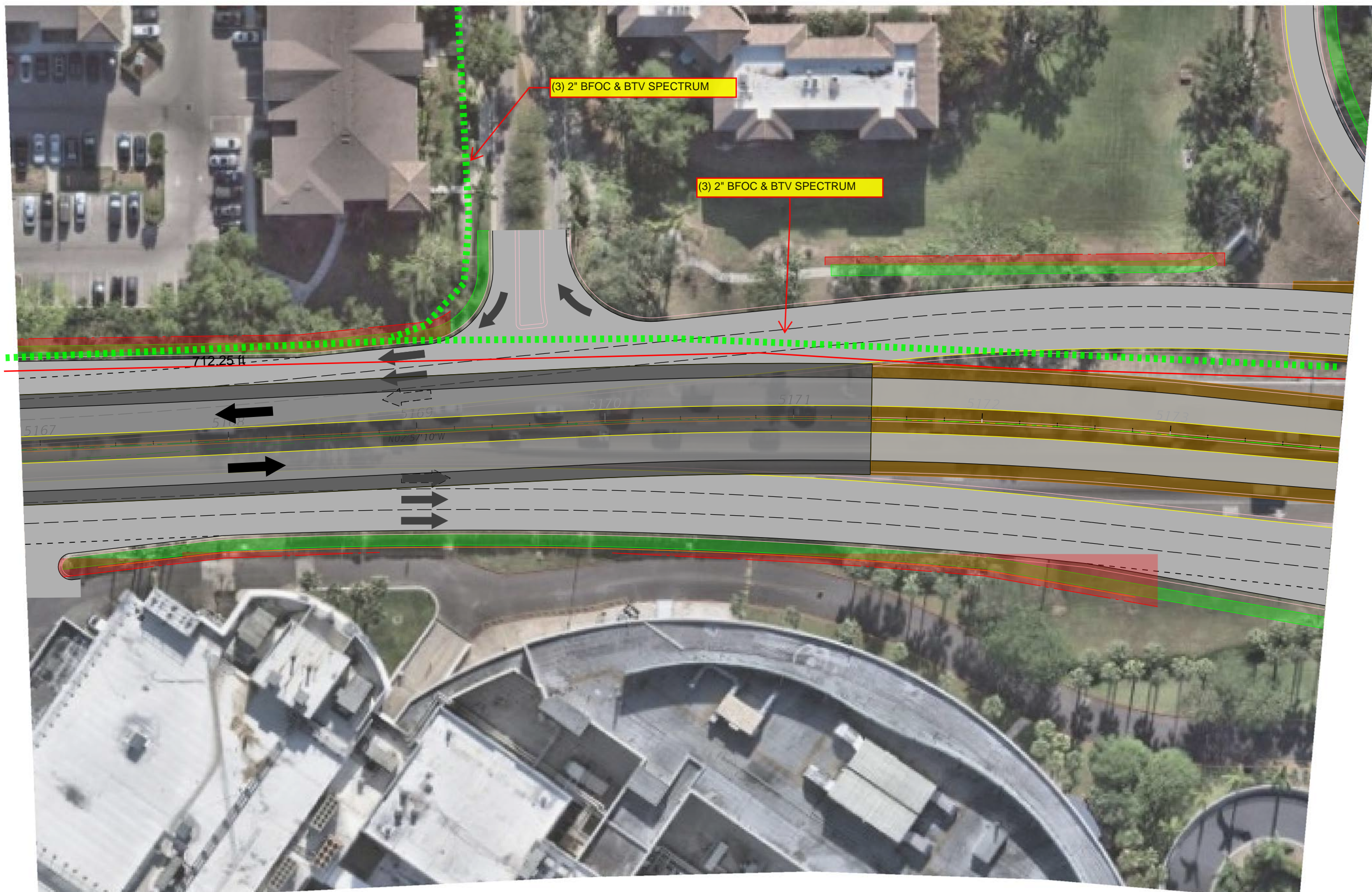
REVISIONS		PROFESSIONAL TYPE		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			BRADENTON-PALMETTO CONNECTOR	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				55	MANATEE	444843-1-22-01	CONCEPTUAL ROADWAY PLAN	9



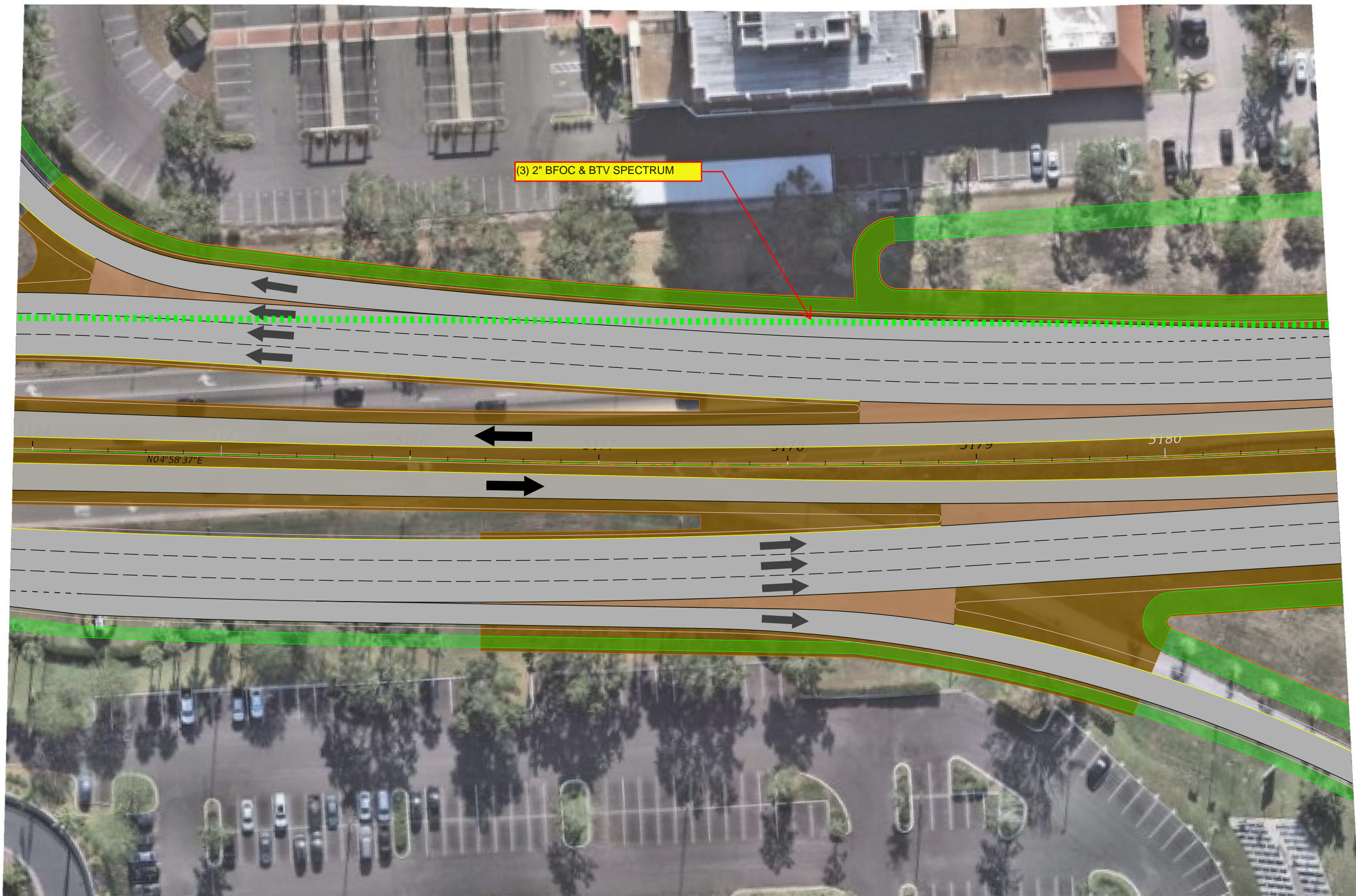
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DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				PROFESSIONAL NAME LICENSE NUMBER: ##### COMPANY NAME STREET CITY, STATE ZIP CODE	55	MANATEE	444843-1-22-01	10



REVISIONS		PROFESSIONAL TYPE		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			BRADENTON-PALMETTO CONNECTOR	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				PROFESSIONAL NAME			CONCEPTUAL ROADWAY PLAN	11
				LICENSE NUMBER: #####				
				COMPANY NAME				
				STREET				
				CITY, STATE ZIP CODE				
					55	MANATEE	444843-1-22-01	

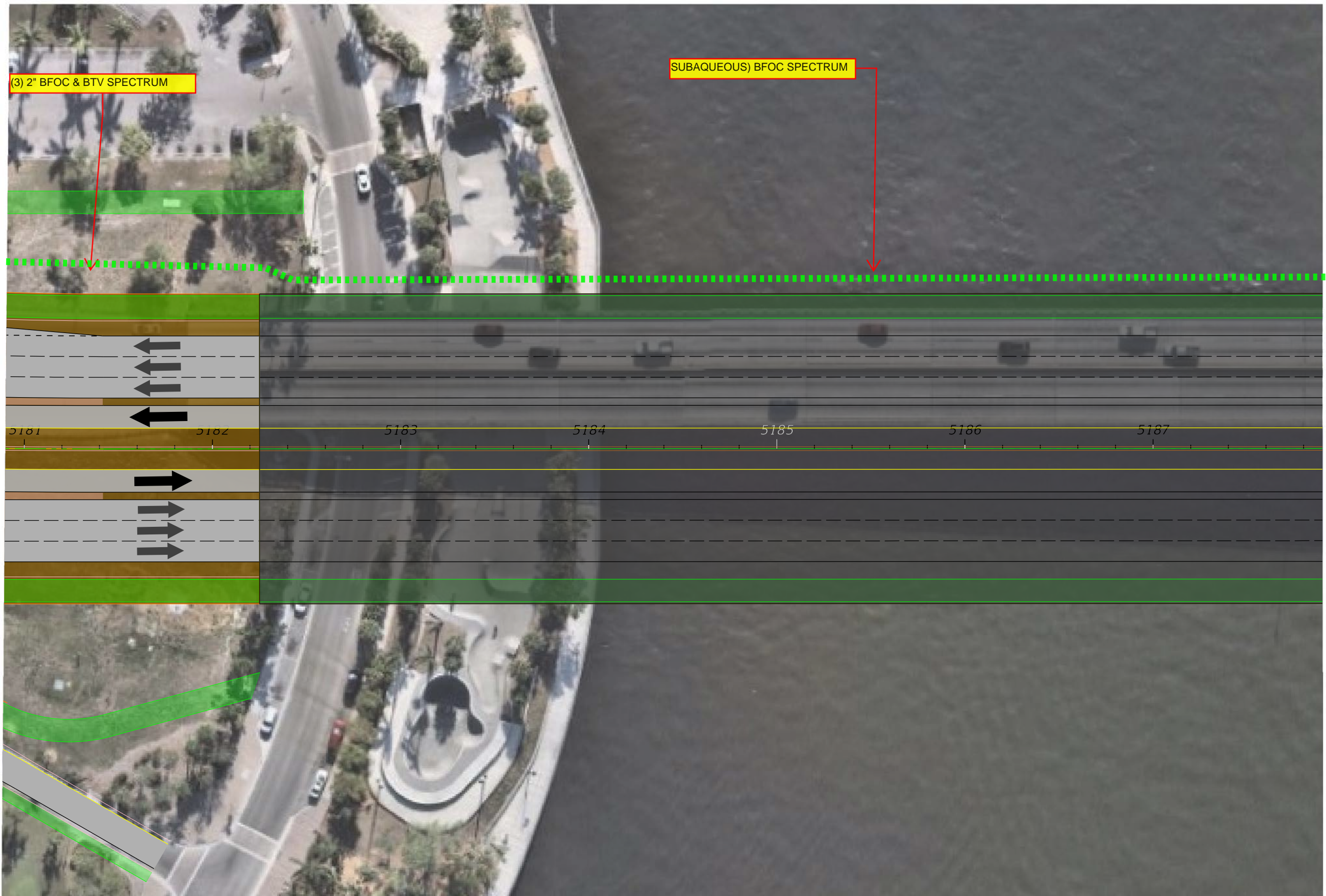


REVISIONS		PROFESSIONAL TYPE		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			BRADENTON-PALMETTO CONNECTOR	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
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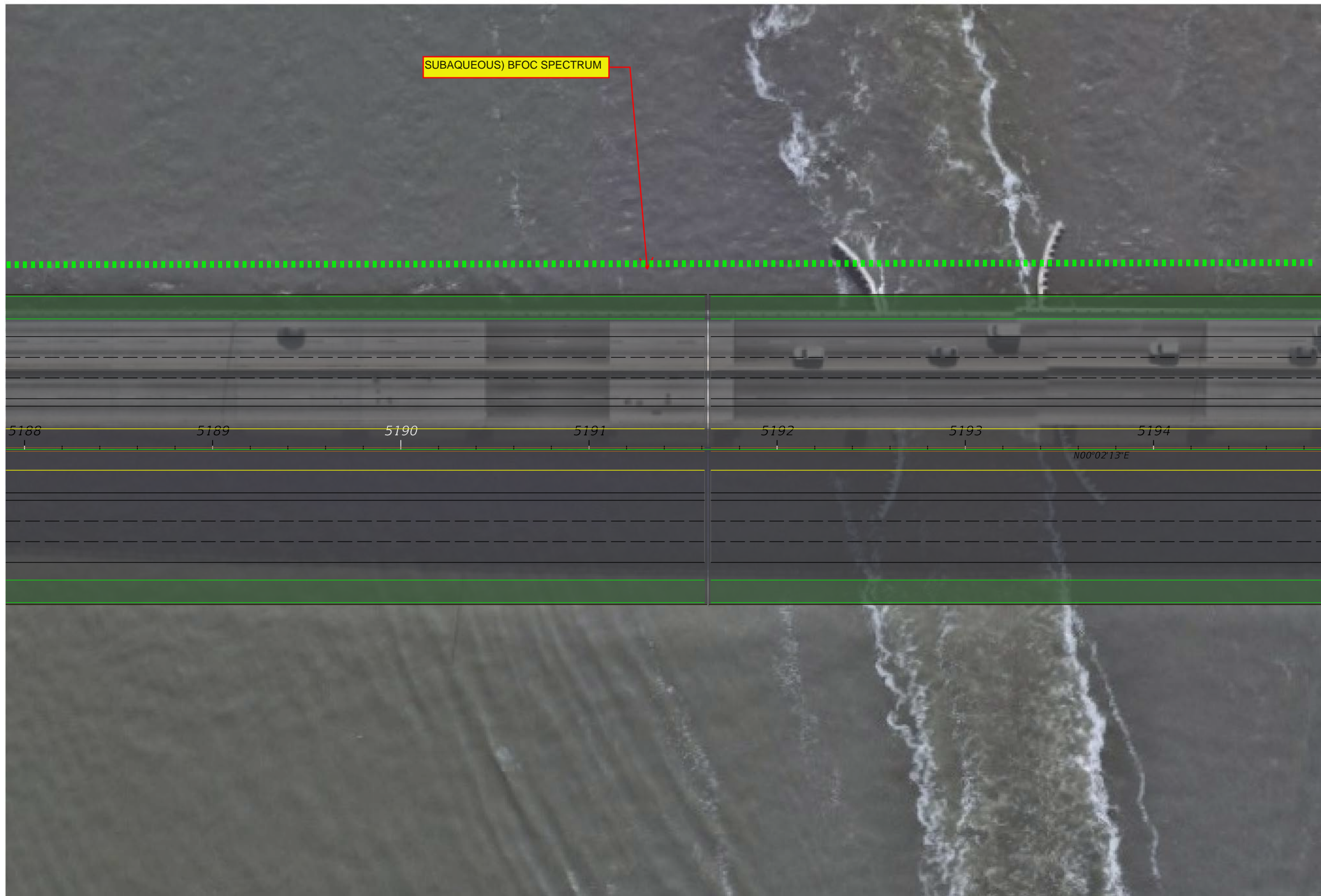


REVISIONS		PROFESSIONAL TYPE		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			BRADENTON-PALMETTO CONNECTOR	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				55	MANATEE	444843-1-22-01	CONCEPTUAL ROADWAY PLAN	13

FAC NOTE

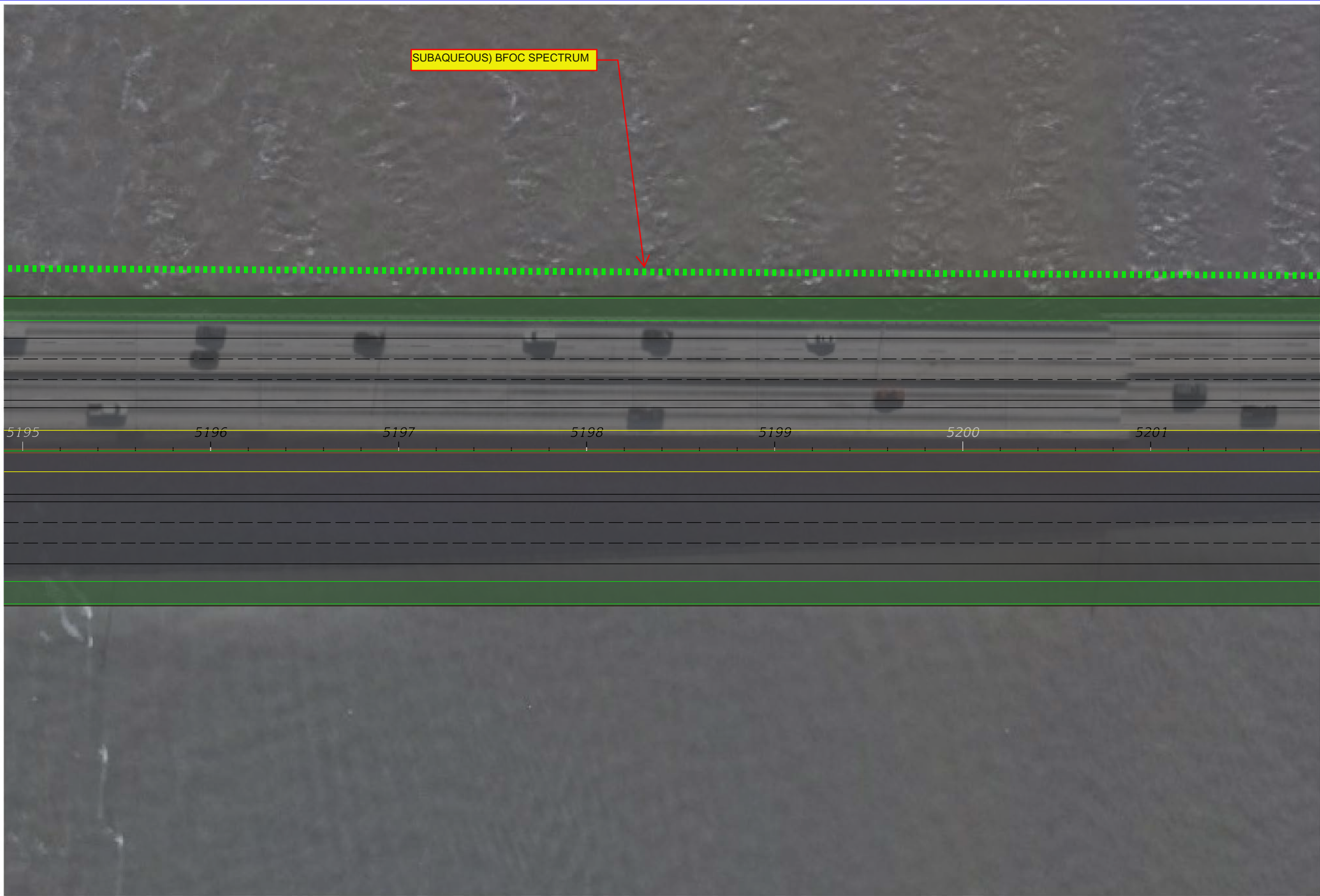


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DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				55	MANATEE	444843-1-22-01	CONCEPTUAL ROADWAY PLAN	14



REVISIONS		PROFESSIONAL TYPE		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			BRADENTON-PALMETTO CONNECTOR	SHEET NO. 15
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				55	MANATEE	444843-1-22-01	CONCEPTUAL ROADWAY PLAN	

FAC NOTE



SUBAQUEOUS) BFOC SPECTRUM

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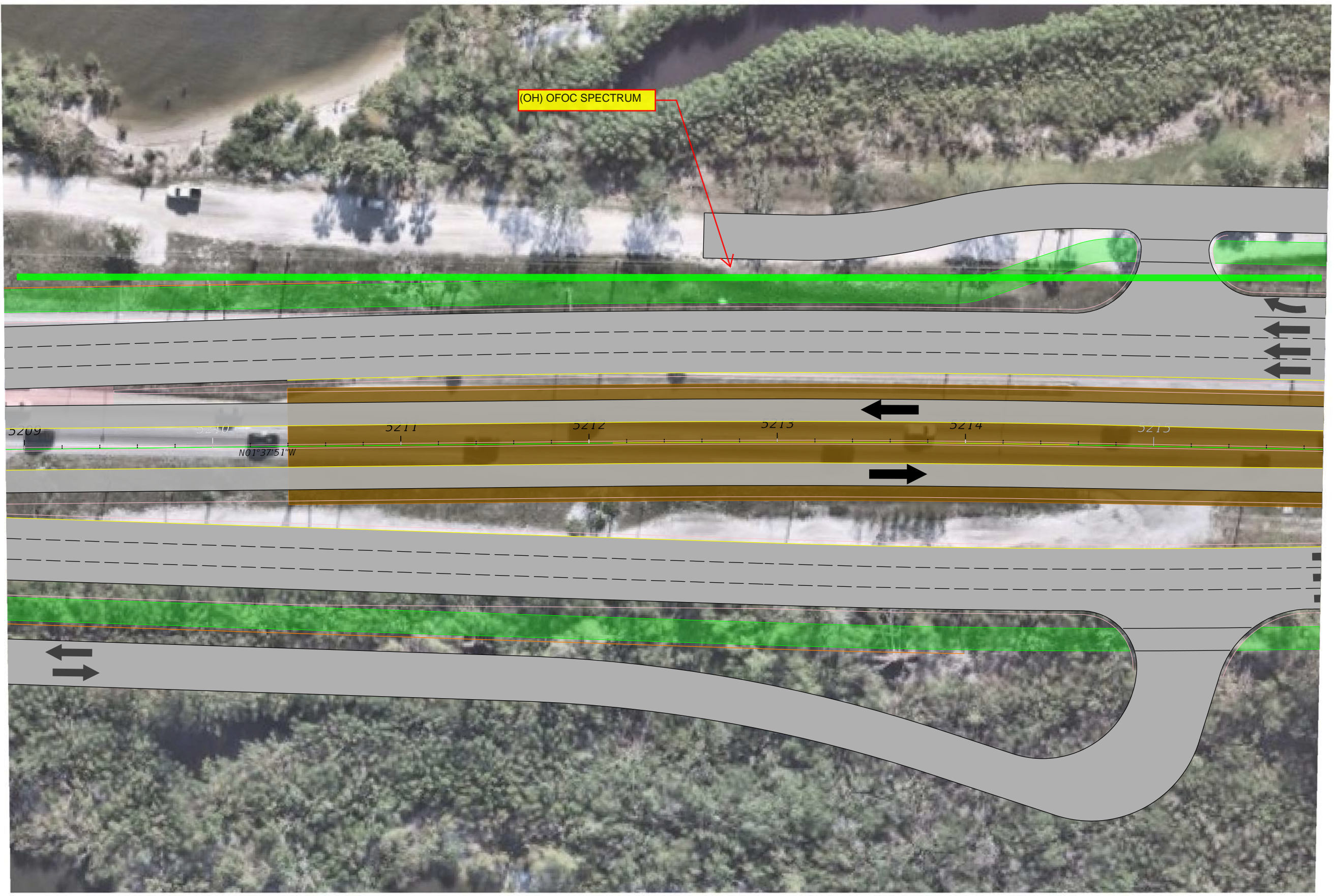
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DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				55	MANATEE	444843-1-22-01	CONCEPTUAL ROADWAY PLAN	16

FAC NOTE



REVISIONS		PROFESSIONAL TYPE		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			BRADENTON-PALMETTO CONNECTOR	SHEET NO. 17
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				55	MANATEE	444843-1-22-01	CONCEPTUAL ROADWAY PLAN	

FAC NOTE



(OH) OFOC SPECTRUM

N01°37'51"W

5209

5210

5211

5212

5213

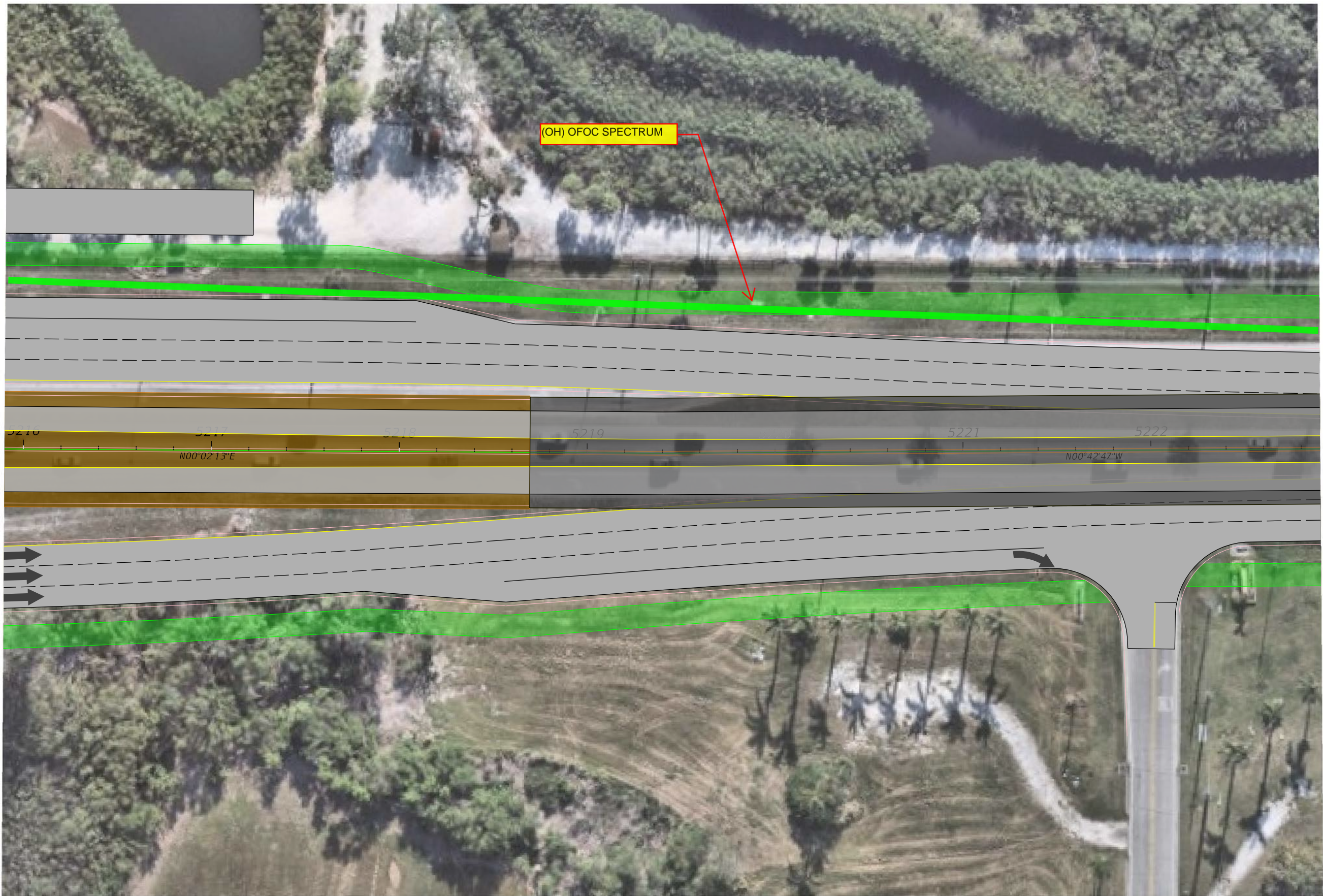
5214

5215

REVISIONS		PROFESSIONAL TYPE		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			BRADENTON-PALMETTO CONNECTOR CONCEPTUAL ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		18
				55	MANATEE	444843-1-22-01		

PROFESSIONAL NAME
LICENSE NUMBER: #####
COMPANY NAME
STREET
CITY, STATE ZIP CODE

FAC NOTE



(OH) OFOC SPECTRUM

REVISIONS		PROFESSIONAL TYPE		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			BRADENTON-PALMETTO CONNECTOR	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				55	MANATEE	444843-1-22-01	CONCEPTUAL ROADWAY PLAN	19

FAC NOTE

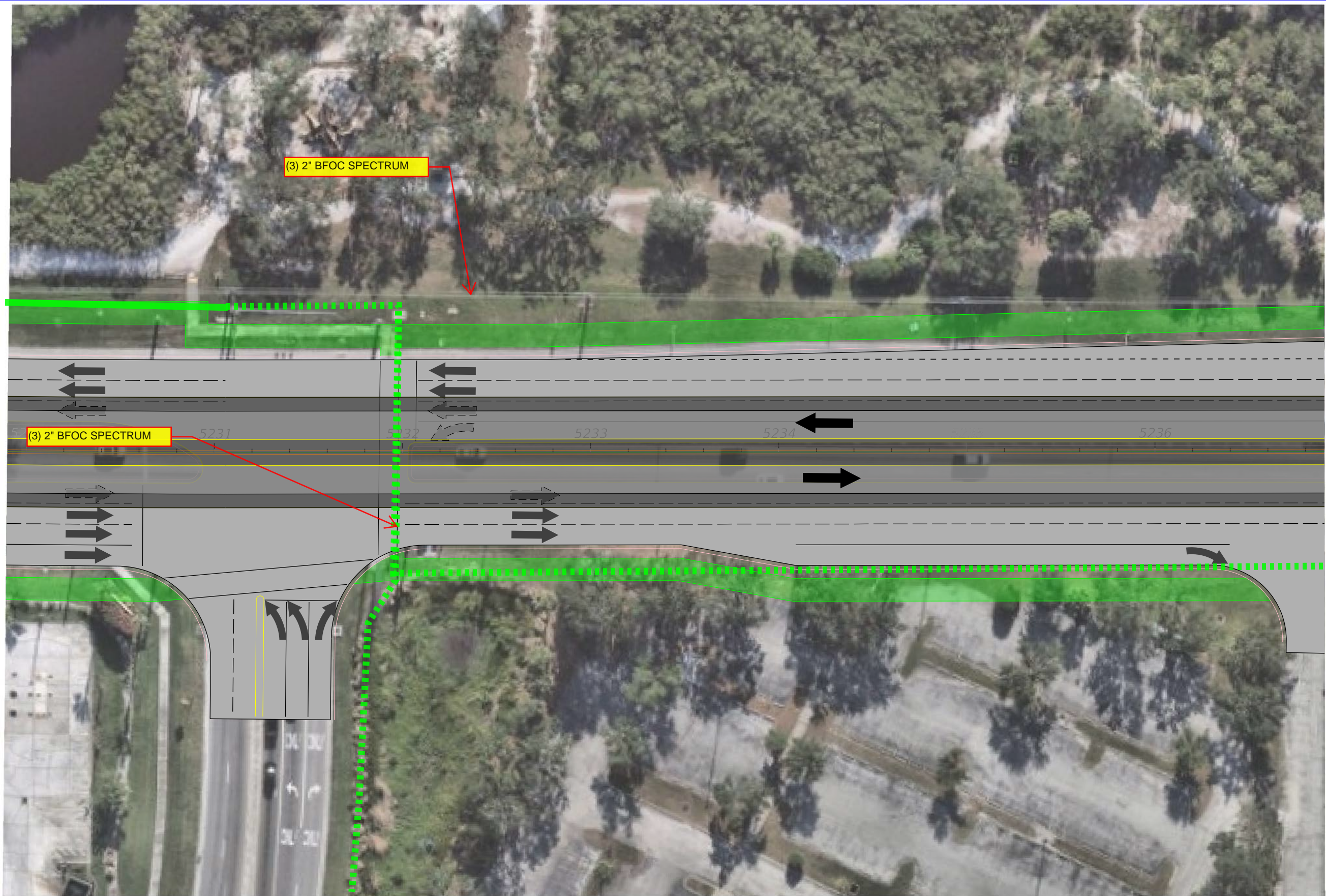


(OH) OFOC SPECTRUM

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N00°02'13"

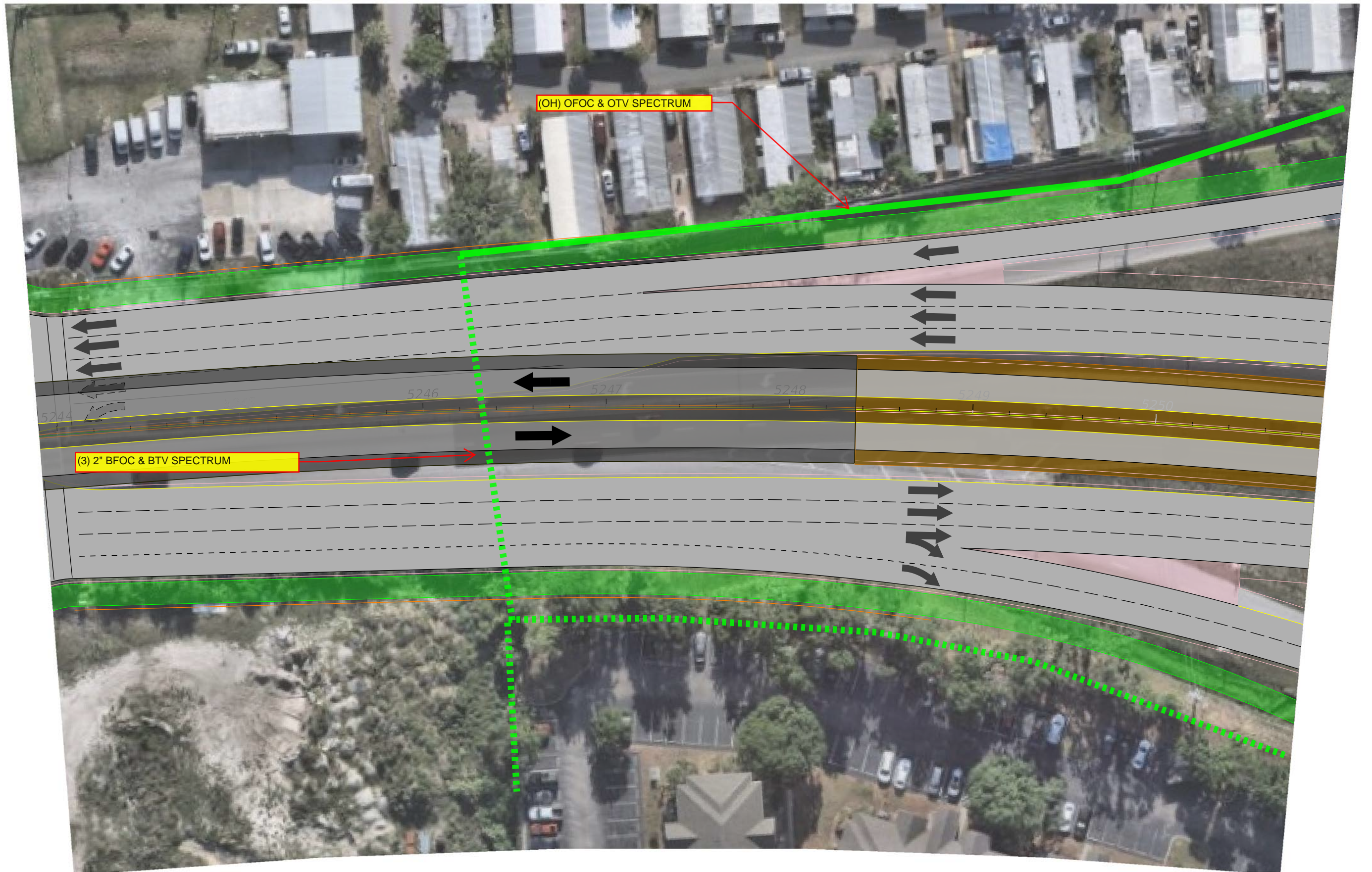
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DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				55	MANATEE	444843-1-22-01	CONCEPTUAL ROADWAY PLAN	20



REVISIONS		PROFESSIONAL TYPE		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			BRADENTON-PALMETTO CONNECTOR	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				55	MANATEE	444843-1-22-01	CONCEPTUAL ROADWAY PLAN	21



REVISIONS		PROFESSIONAL TYPE		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			BRADENTON-PALMETTO CONNECTOR	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				PROFESSIONAL NAME			CONCEPTUAL ROADWAY PLAN	22
				LICENSE NUMBER: #####	55	MANATEE		
				COMPANY NAME				
				STREET				
				CITY, STATE ZIP CODE				



(OH) OFOC & OTV SPECTRUM

(3) 2" BFOC & BTV SPECTRUM

REVISIONS		PROFESSIONAL TYPE		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			BRADENTON-PALMETTO CONNECTOR	SHEET NO. 23
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				55	MANATEE	444843-1-22-01	CONCEPTUAL ROADWAY PLAN	

PROFESSIONAL NAME
LICENSE NUMBER: #####
COMPANY NAME
STREET
CITY, STATE ZIP CODE



(3) 2" BFOC & BTV SPECTRUM

REVISIONS		PROFESSIONAL TYPE		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			BRADENTON-PALMETTO CONNECTOR	SHEET NO. 24
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				55	MANATEE	444843-1-22-01	CONCEPTUAL ROADWAY PLAN	



REVISIONS		PROFESSIONAL TYPE		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			BRADENTON-PALMETTO CONNECTOR	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				55	MANATEE	444843-1-22-01	CONCEPTUAL ROADWAY PLAN	25



REVISIONS		PROFESSIONAL TYPE		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			BRADENTON-PALMETTO CONNECTOR	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				55	MANATEE	444843-1-22-01	CONCEPTUAL ROADWAY PLAN	26



REVISIONS		PROFESSIONAL TYPE		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			BRADENTON-PALMETTO CONNECTOR	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				55	MANATEE	444843-1-22-01	CONCEPTUAL ROADWAY PLAN	27



REVISIONS		PROFESSIONAL TYPE		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			BRADENTON-PALMETTO CONNECTOR	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				55	MANATEE	444843-1-22-01	CONCEPTUAL ROADWAY PLAN	28

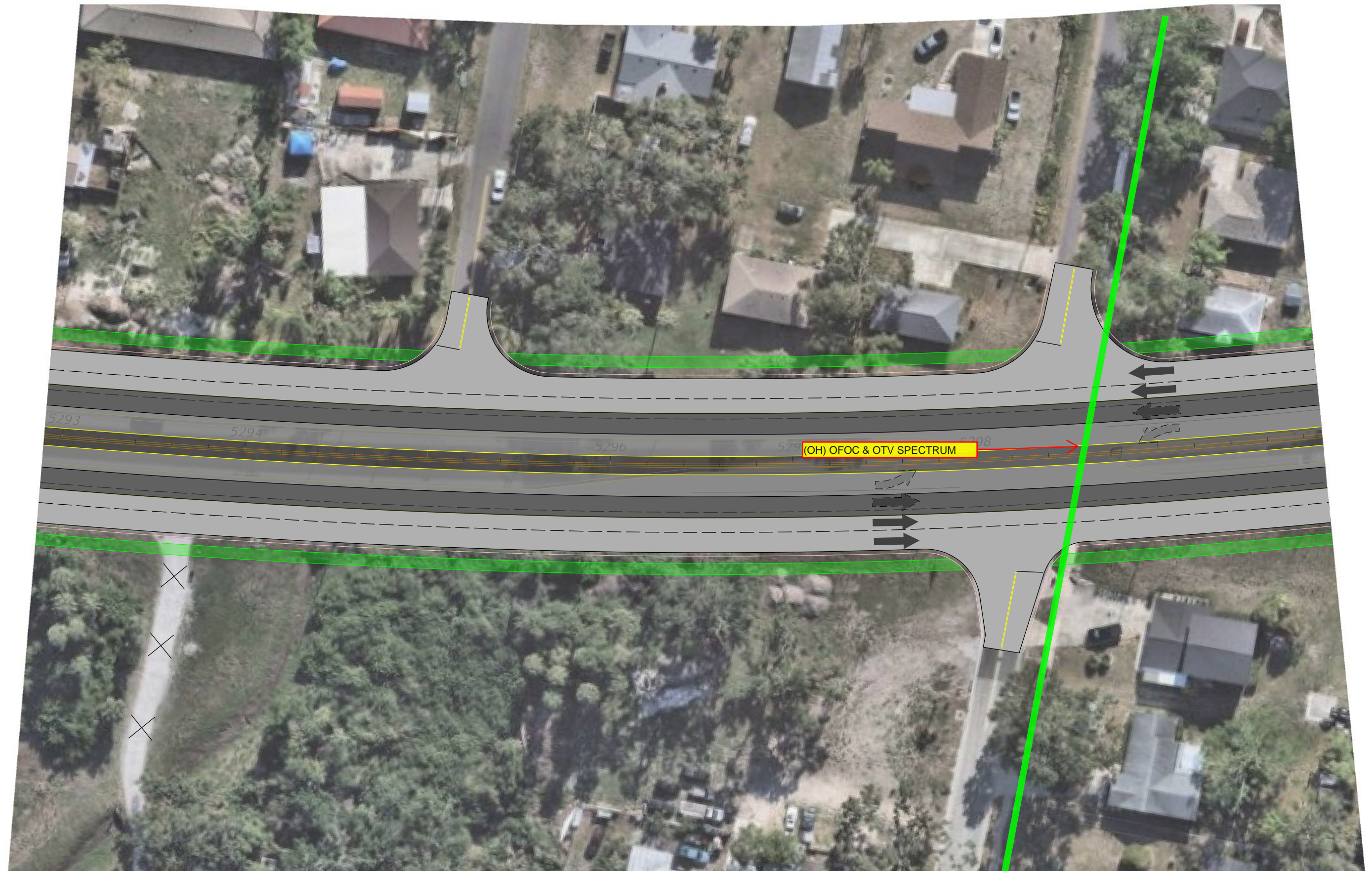


NO SPECTRUM

5286 5287 5288 5289 5290 5291 5292

REVISIONS		PROFESSIONAL TYPE		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			BRADENTON-PALMETTO CONNECTOR	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
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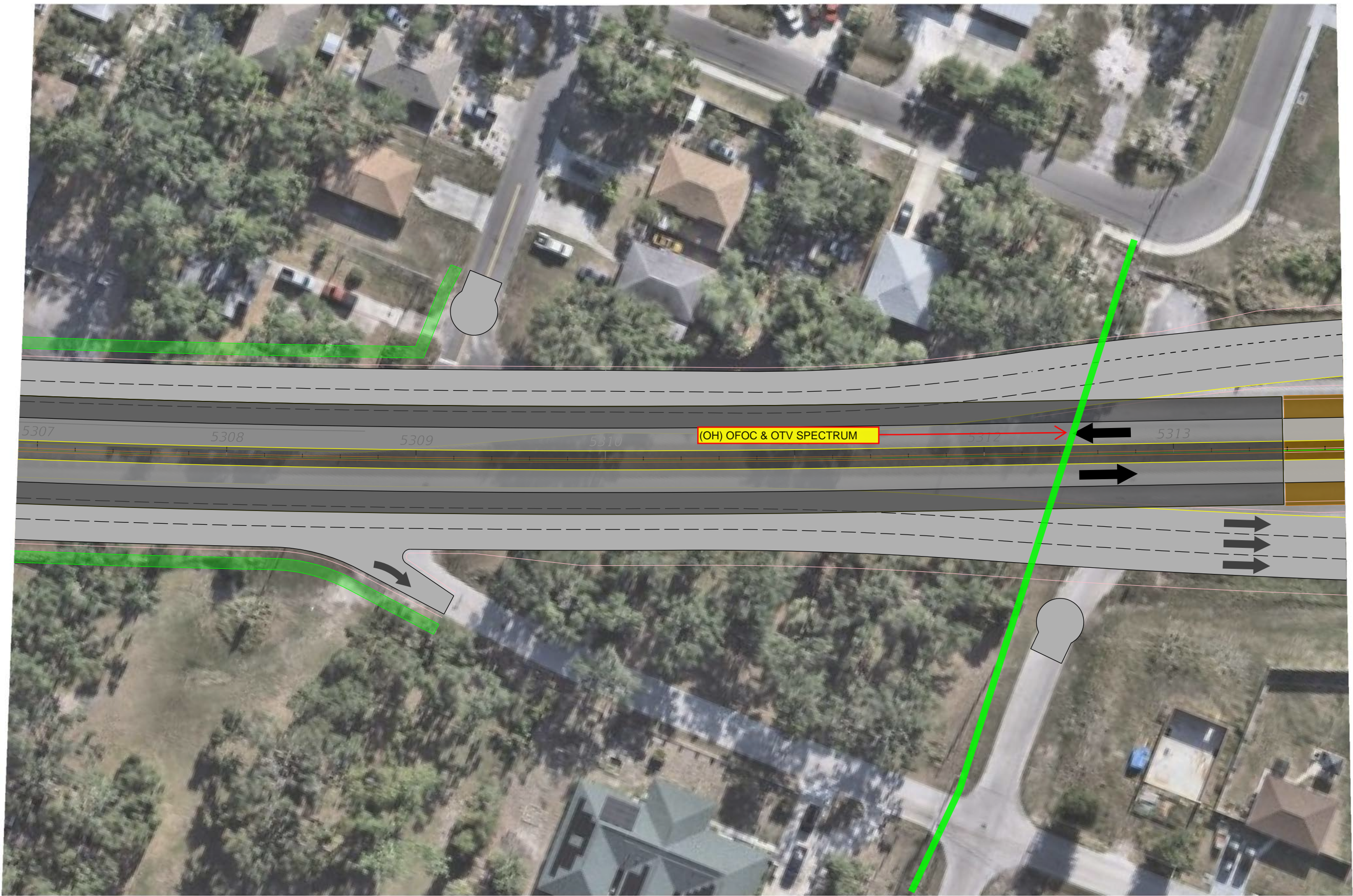
PROFESSIONAL NAME
 LICENSE NUMBER: #####
 COMPANY NAME
 STREET
 CITY, STATE ZIP CODE



REVISIONS		PROFESSIONAL TYPE		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			BRADENTON-PALMETTO CONNECTOR	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				PROFESSIONAL NAME LICENSE NUMBER: ##### COMPANY NAME STREET CITY, STATE ZIP CODE	55	MANATEE	444843-1-22-01	30



REVISIONS		PROFESSIONAL TYPE		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			BRADENTON-PALMETTO CONNECTOR	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				55	MANATEE	444843-1-22-01	CONCEPTUAL ROADWAY PLAN	31



REVISIONS		PROFESSIONAL TYPE		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			BRADENTON-PALMETTO CONNECTOR	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				PROFESSIONAL NAME			CONCEPTUAL ROADWAY PLAN	32
				LICENSE NUMBER: #####	55	MANATEE		
				COMPANY NAME				
				STREET				
				CITY, STATE ZIP CODE				



REVISIONS		PROFESSIONAL TYPE		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			BRADENTON-PALMETTO CONNECTOR	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				55	MANATEE	444843-1-22-01	CONCEPTUAL ROADWAY PLAN	33



REVISIONS		PROFESSIONAL TYPE		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			BRADENTON-PALMETTO CONNECTOR PD&E STUDY CONCEPTUAL ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		34
				55	MANATEE	444843-1-22-01		

PROFESSIONAL NAME
 LICENSE NUMBER: #####
 COMPANY NAME
 STREET
 CITY, STATE ZIP CODE

FAC NOTE

Uniti Fiber LLC (Windstream)

UNDERGROUND

PL. H.H. 36"x24"x36" 150' SLACK		PROPOSED HANDHOLE
4'x4'x5' BORE PIT		PROPOSED BORE PIT
EXIST. H.H. 36"x24"x36" 150' SLACK		EXISTING HANDHOLE
		EXISTING MONITOR WELL
		EXISTING UTILITY HANDHOLE
		EXISTING TRAFFIC LIGHT
		EXISTING TRAFFIC CABINET
		EXISTING COMM CABINET
		EXISTING ELECTRIC VAULT
		EXISTING TRANSFORMER
		EXISTING FIRE HYDRANT
		EXISTING STORM SEWER M.H.
C&R ASPHALT EST = 0 ACT = 0		PROPOSED CUT/REPAIR ACTION
C&R SIDEWALK EST = 0 ACT = 0		
		EXISTING STORM DRAIN
		EXISTING TRAFFIC HAND HOLE
		EXISTING CATV MANHOLE
		EXISTING POWER MANHOLE
		EXISTING SAN/SEW MANHOLE
		EXISTING COMM MANHOLE
		EXISTING COMM HANDHOLE

UNDERGROUND

		EXISTING COMM PEDESTAL
		EXISTING STREET LIGHT POLE
		EXISTING STREET LIGHT POLE
		EXISTING CROSS WALK POLE
		EXISTING GAS/ SEWER/ WATER VALVE
		EXISTING GAS/ WATER METER
		EXISTING GUARDRAIL
		EXISTING UTILITY MARKER
		EXISTING CULVERT CULVERT PROFILE

AERIAL

		PROPOSED POLE
		EXISTING UTILITIES POLE
		EXISTING STEEL OR CONCRETE POLE
		PROPOSED POLE ANCHOR
		EXISTING GROUND AT POLE
		PLACE STORE SLACK
		EXISTING STORE SLACK
		MOVE EXISTING STORE SLACK
		LASH TO EXISTING
		TREE

ABBREVIATIONS

FOG = FOG LINE
EOP = EDGE OF PAVEMENT
C/L = CENTERLINE
BOC = BACK OF CURB
ROW = RIGHT OF WAY
PWR = PRIMARY POWER
SEC = SECONDARY POWER
TRI = TRIPLEX
CATV = CABLE TELEVISION
F.O. = FIBER OPTIC CABLE
TEL = TELEPHONE
TRANS = TRANSFORMER
XARM = POWER CROSSING ARM
H/L = HOT LEG
(MR/RQ: MOVE TO ??' ??') = MAKE READY
ST.LT. = STREET LIGHT
YD.LT. = YARD LIGHT
S/L = SOUTHERN LIGHT
SL FO = SOUTHERN LIGHT FIBER CABLE
D/W = DRIVEWAY

EXISTING UTILITIES

	STORM DRAIN LINE
	UNDERGROUND POWER LINE
	UNDERGROUND POWER LINE
	GAS LINE
	SEWER LINE
	WATER LINE
	COMM LINE
	DRAIN LINE
	PROPERTY LINE
	TRAFFIC LINE
	HOT WATER LINE
	CABLE TV LINE
	TOE OF SLOPE
	AT&T LINE
	TEL LINE
	RAILROAD TRACKS
	FENCE LINE
	CENTER LINE
	ROW LINE
	OTHER FIBER OPTIC CABLE
	PROPOSED FIBER OR DUCT

UTILITY PROFILES

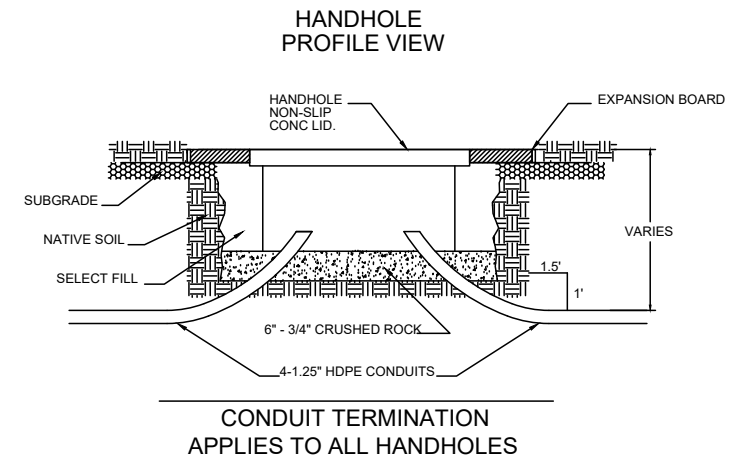
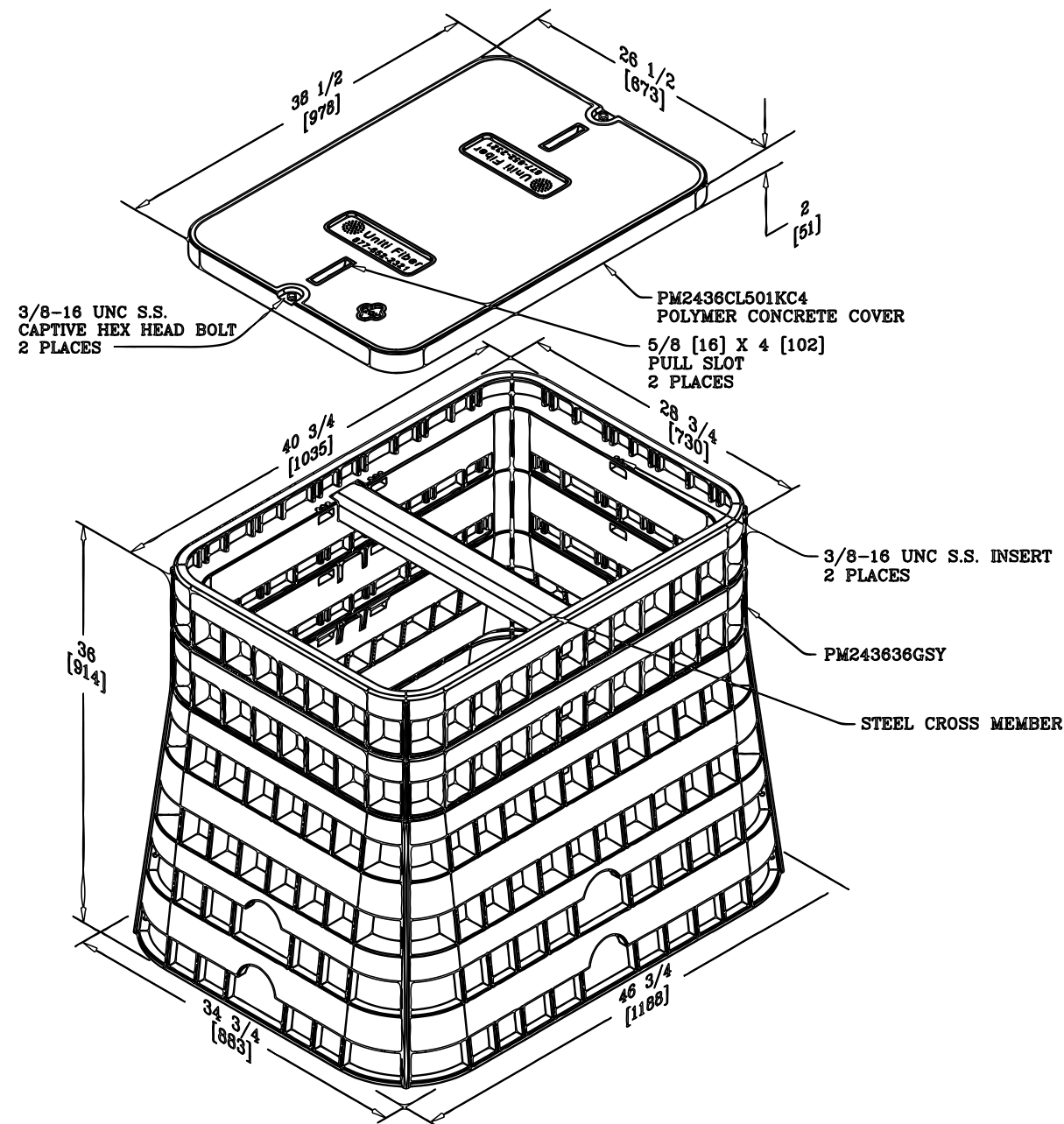
	STORM DRAIN
	POWER
	GAS
	SEWER
	WATER
	COMM
	DRAIN
	MMP ARROW
	ADDRESS REF
	SIDEWALK
<u>PROPERTY / ROW</u>	
	CONCRETE MONUMENT FOUND
	CAPPED IRON PIN FOUND
	NAIL W/ WASHER FOUND
	REBAR FOUND

MISC.

	FIBER OPTIC TOWER		WATER TOWER
	NORTH ARROW		MATCHLINE
	TRAFFIC ARROWS		
<u>TEXT BLOCK COMPLETE</u>			
REF # 1-6 APCO - N/A ID # N/A H/L - 30' + SL FO ATTACH - 22' 9" ST. LT. - 29' 2" CATV - 22' 4" (MR/RQ: MOVE TO ??' ??) TEL - 21' 4"			

HANDHOLE TYPICAL DETAIL

N.T.S.



1. PLACE 6" OF 3/4" CRUSHED ROCK OR 3/8" PEA GRAVEL IN THE BOTTOM OF THE EXCAVATION.
2. HANDHOLE WILL BE SET TO MATCH EXISTING SIDEWALK GRADE AND PARALLEL WITH CURB AND STREET.
3. HDPE CONDUIT SHALL BE PLACED IN THE CORNERS OF HANDHOLE.
4. TERMINATE THE HDPE CONDUIT A MINIMUM OF SIX (6) INCHES ABOVE THE ROCK. DO NOT TERMINATE HDPE CONDUIT MORE THAN EIGHT (8) INCHES ABOVE THE ROCK.
5. A MINIMUM OF TEN (10) FEET OF TRACER SHALL BE IN EACH HANDHOLE.
6. SELECT FILL WILL BE EITHER FLOWABLE FILL OR CLEAN SAND AS REQUIRED BY PERMITTING OFFICIAL.
7. FILL SHOULD BE COMPACTED IN 6" LIFTS AS PER STANDARD SPECIFICATIONS.
8. BEARING WEIGHT LIMIT 20,000 POUNDS.



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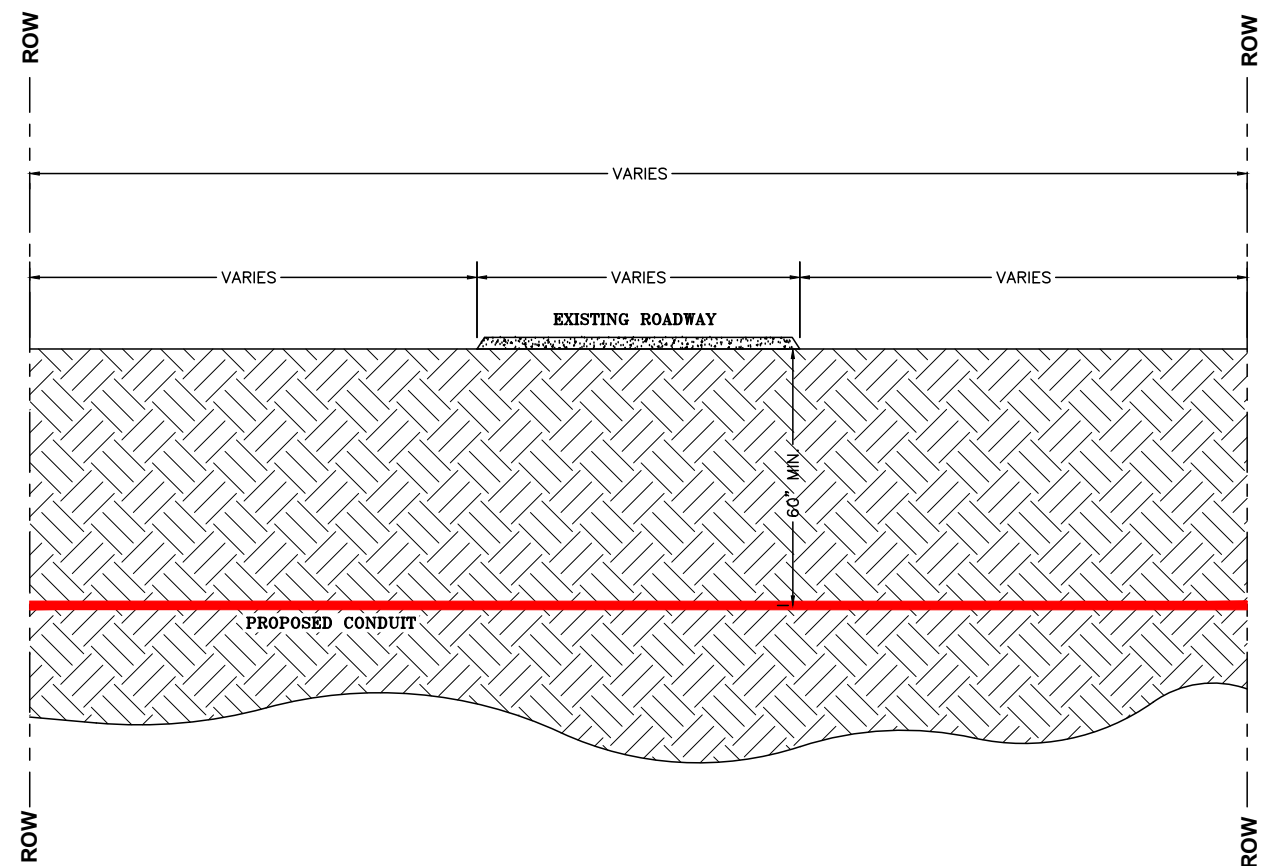




BRADENTON TO SARASOTA R. INTL. - CPE-415912
SR-45 / S TAMAMI TRAIL
BRADENTON, FL

DATE:	REVISIONS	SCALE:	AS NOTED	PROJ. NO.:	CPE-415912	DATE:	11.16.2020
		INDEX REF.:	G100	ENG.:	A.C.J.	DRAWN BY:	T.P.T.
		VERSION:	N/A	SPLICE DWG.:	N/A	DWG. NO.:	G102

TYPICAL ROADWAY UNDERGROUND CROSSING DETAIL

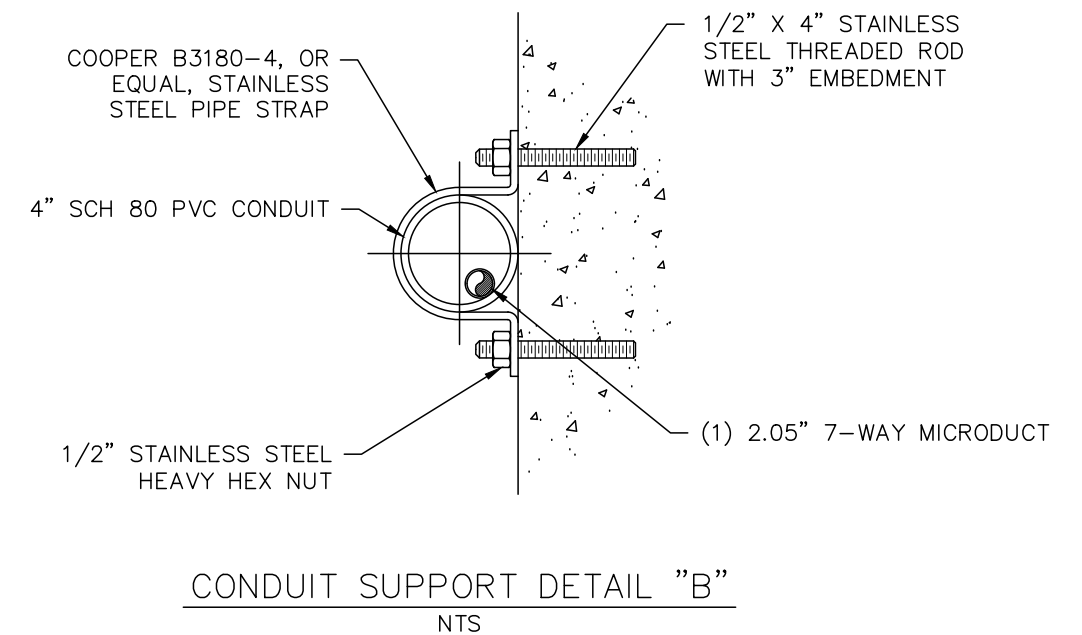
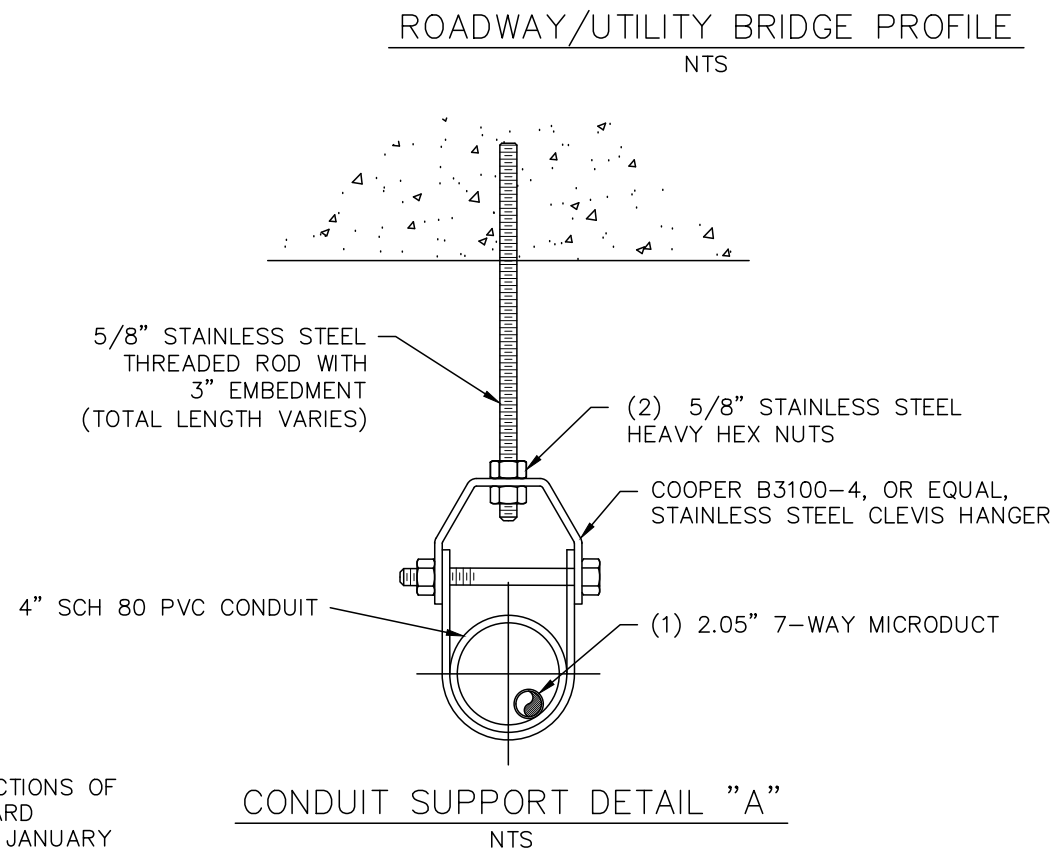
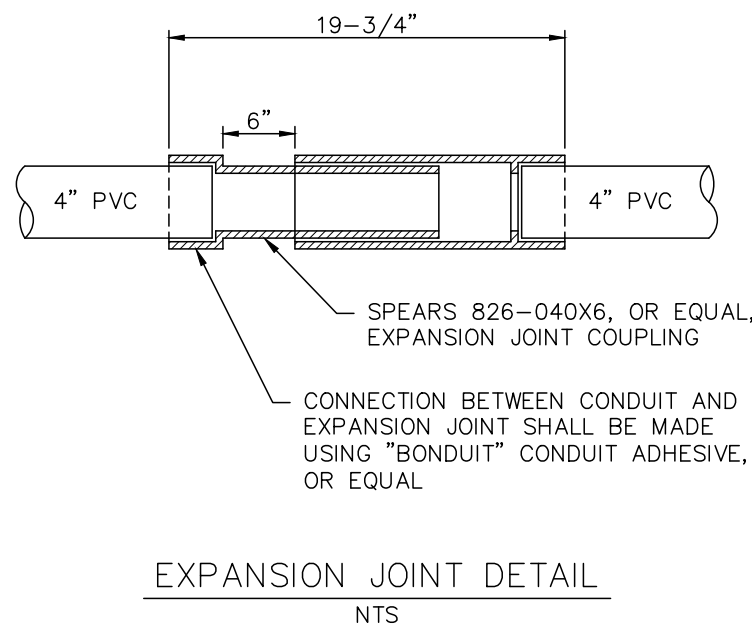
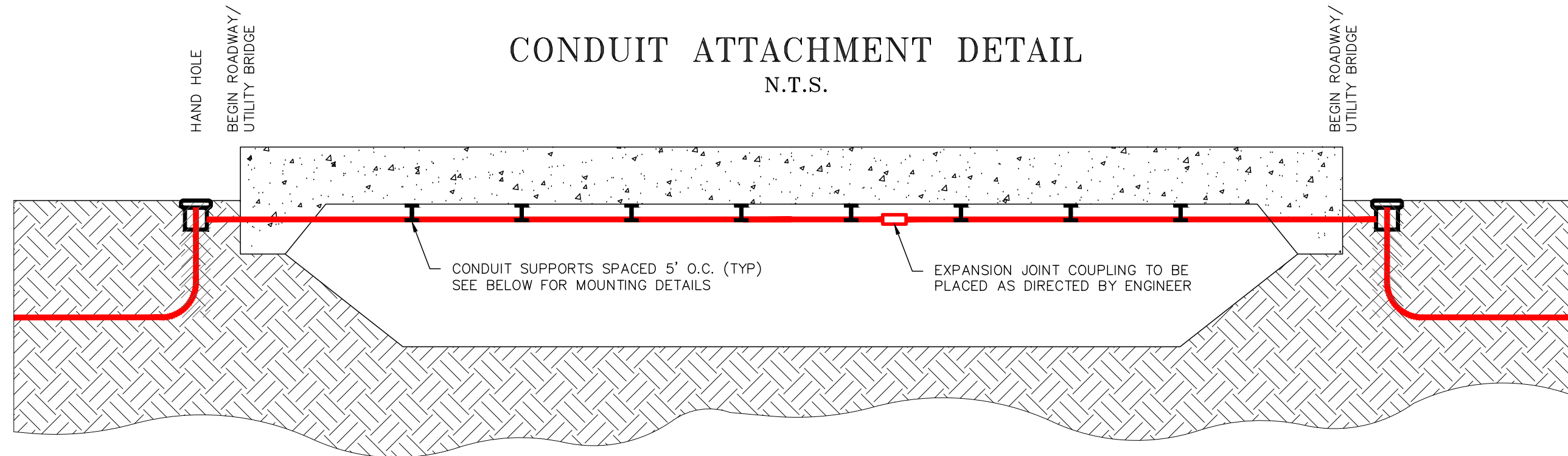
N.T.S.



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		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 10%;">DATE:</th> <th>REVISIONS</th> </tr> <tr> <td> </td> <td> </td> </tr> </table>	DATE:	REVISIONS			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">SCALE:</td> <td>AS NOTED</td> <td style="width: 10%;">PROJ. NO.:</td> <td>CPE-415912</td> <td style="width: 10%;">DATE:</td> <td>11.16.2020</td> </tr> <tr> <td>INDEX REF.:</td> <td>G100</td> <td>ENG.:</td> <td>A.C.J.</td> <td>DRAWN BY:</td> <td>T.P.T.</td> </tr> <tr> <td>VERSION:</td> <td>N/A</td> <td>SPLICE DWG.:</td> <td>N/A</td> <td>DWG. NO.:</td> <td>G103</td> </tr> </table>	SCALE:	AS NOTED	PROJ. NO.:	CPE-415912	DATE:	11.16.2020	INDEX REF.:	G100	ENG.:	A.C.J.	DRAWN BY:	T.P.T.	VERSION:	N/A	SPLICE DWG.:	N/A	DWG. NO.:	G103		
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VERSION:	N/A	SPLICE DWG.:	N/A	DWG. NO.:	G103																						

CONDUIT ATTACHMENT DETAIL

N.T.S.



NOTE:

1. SPECIAL ATTENTION IS DIRECTED TO THE FOLLOWING SECTIONS OF THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, JANUARY 2021 EDITION:
 - 1.1. SECTION 416, INSTALLATION OF POST-INSTALLED ANCHOR SYSTEMS AND DOWELS FOR STRUCTURAL APPLICATIONS IN CONCRETE ELEMENTS.
 - 1.2. SECTION 630, CONDUIT
 - 1.3. SECTION 937, POST-INSTALLED ANCHOR SYSTEMS AND DOWELS FOR STRUCTURAL APPLICATIONS IN CONCRETE ELEMENTS.
2. ALL CONNECTIONS TO EXISTING CONCRETE STRUCTURES SHALL BE MADE USING "SET EPOXY-TIE", OR EQUAL.
3. CONDUIT SUPPORT DETAIL "B" MAY BE USED IN BOTH HORIZONTAL AND VERTICAL APPLICATIONS.



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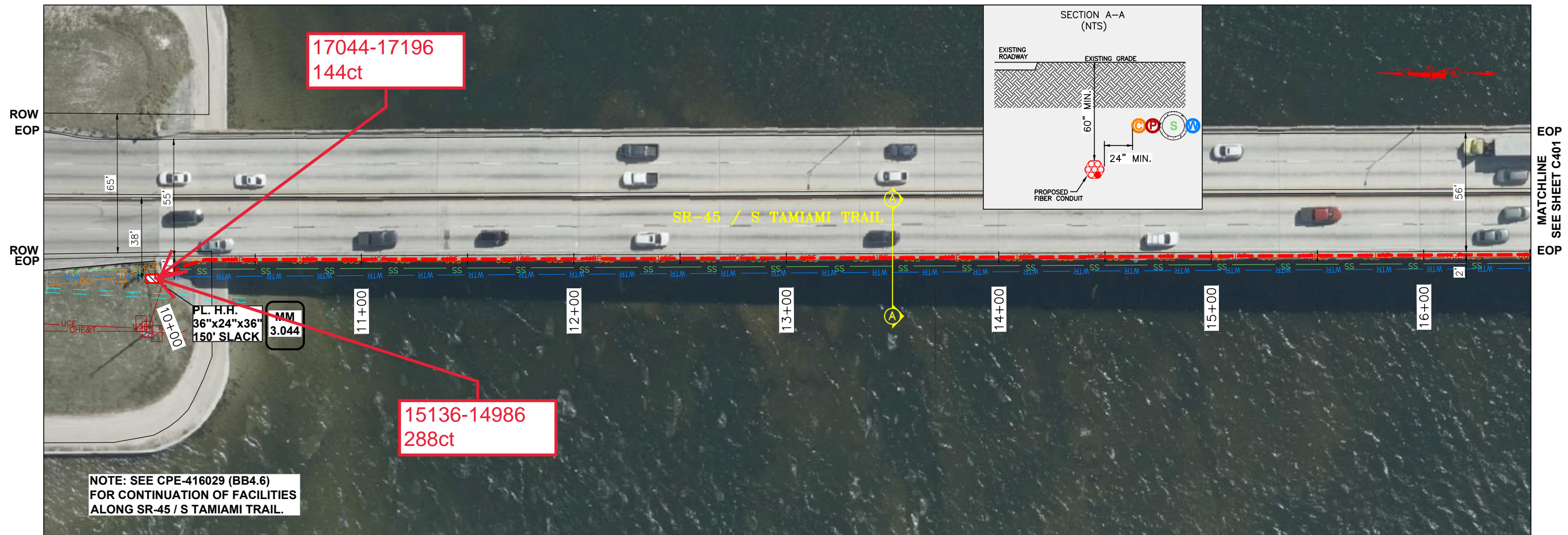


BRADENTON TO TAMPA & IRLA - CPE-415912
SR-45 / S TAMAMI TRAIL
BRADENTON, FL

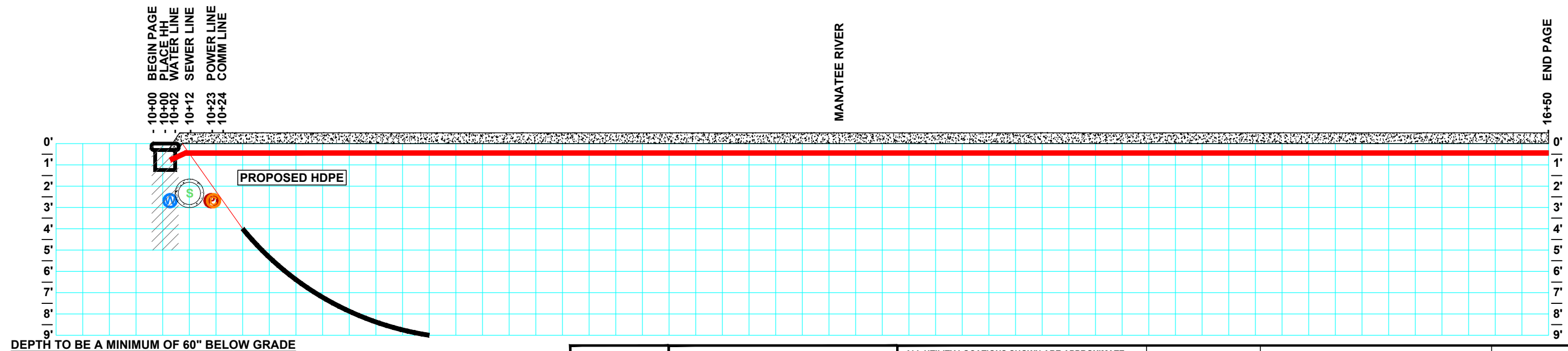
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		VERSION: N/A	SPLICE DWG.: N/A	DWG. NO: G104

SPEED
LIMIT
50

PULL FIBER
EST = 800'
DIR. BORE 1-2"
EST = 650'

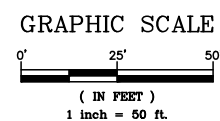


NOTE: SEE CPE-416029 (BB4.6)
FOR CONTINUATION OF FACILITIES
ALONG SR-45 / S TAMiami TRAIL.



DEPTH TO BE A MINIMUM OF 60" BELOW GRADE

UNDERGROUND
ALL CONSTRUCTION IS PROPOSED
SOUTHERN LIGHT WILL MAINTAIN 24" FROM EXISTING UTILITIES.
SOUTHERN LIGHT HAS LOCATED ALL EXISTING UTILITIES.
AN EXTENSIVE LOCATE WILL BE PERFORMED PRIOR TO CONSTRUCTION.



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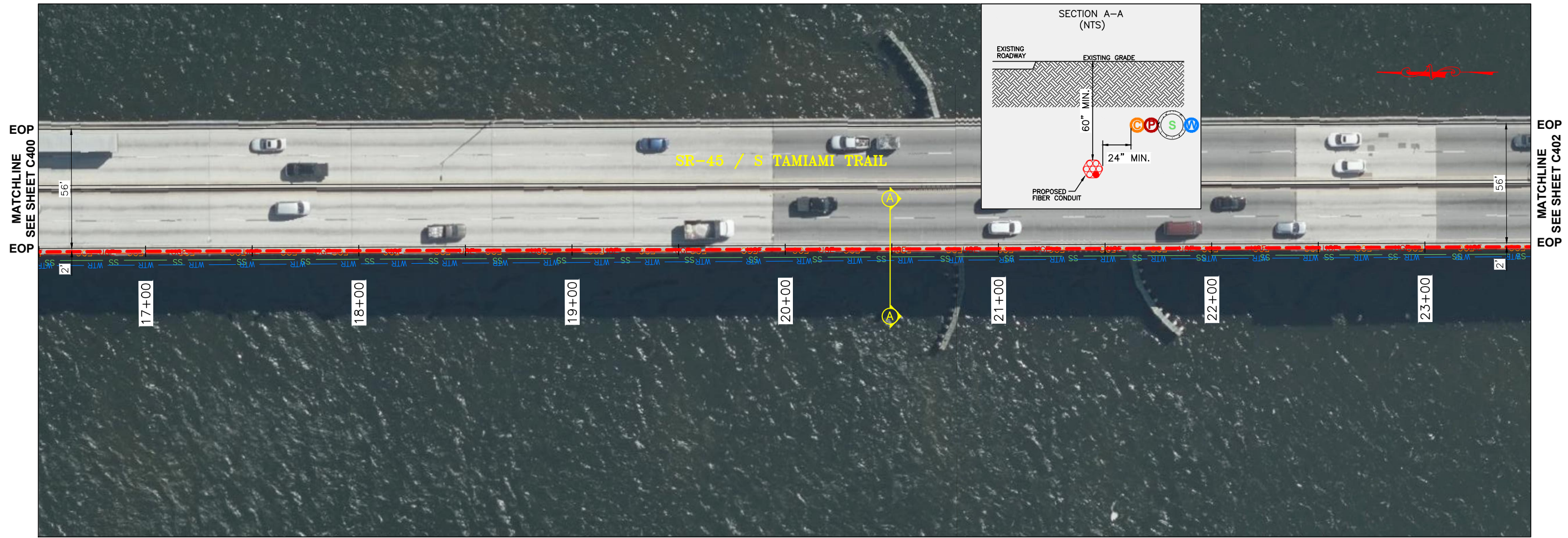


BRADENTON TO SARASOTA & INDIAN LAKE - CPE-415912
SR-45 / S TAMiami TRAIL
BRADENTON, FL

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		VERSION:	N/A	SPLICE DWG.:	N/A	DWG. NO.:	C400

SPEED
LIMIT
50

PULL FIBER
EST = 700'
DIR. BORE 1-2"
EST = 700'



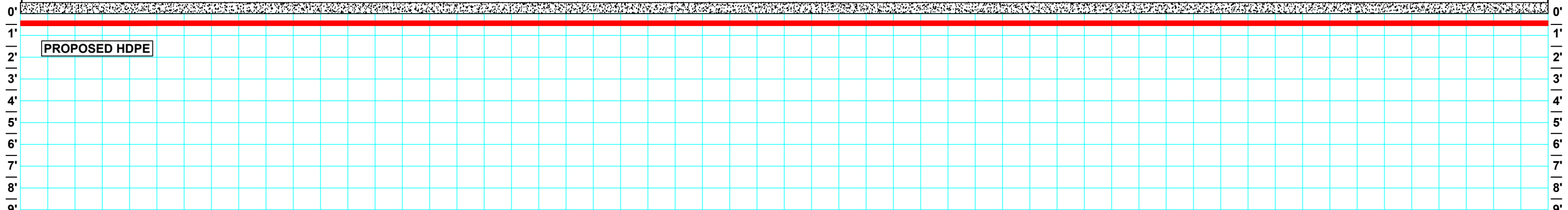
EOP
MATCHLINE
SEE SHEET C400
EOP

EOP
MATCHLINE
SEE SHEET C402
EOP

16+50 BEGIN PAGE

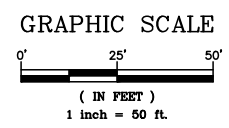
23+50 END PAGE

MANATEE RIVER



DEPTH TO BE A MINIMUM OF 60" BELOW GRADE

UNDERGROUND
ALL CONSTRUCTION IS PROPOSED
SOUTHERN LIGHT WILL MAINTAIN 24" FROM EXISTING UTILITIES.
SOUTHERN LIGHT HAS LOCATED ALL EXISTING UTILITIES.
AN EXTENSIVE LOCATE WILL BE PERFORMED PRIOR TO CONSTRUCTION.



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		VERSION:	N/A	SPLICE DWG.:	N/A	DWG. NO.:	C401