

CONTRACT PLANS COMPONENTS

- ROADWAY
- SIGNING AND PAVEMENT MARKING
- SIGNALIZATION
- LIGHTING
- STRUCTURES
- UTILITY WORK BY HIGHWAY CONTRACTOR PLANS

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GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY 2026-27 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

Standard Plans for Road Construction and associated IRs are available at the following website: <http://www.fdot.gov/design/standardplans>

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, FY 2026-27 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

SIGNALIZATION PLANS

FINANCIAL PROJECT ID 417540-5-52-01

(FEDERAL FUNDS)

COLLIER COUNTY (03080)

STATE ROAD NO. 29

NEW ROAD CONSTRUCTION

FROM CR 846 E TO NORTH OF NEW MARKET ROAD W

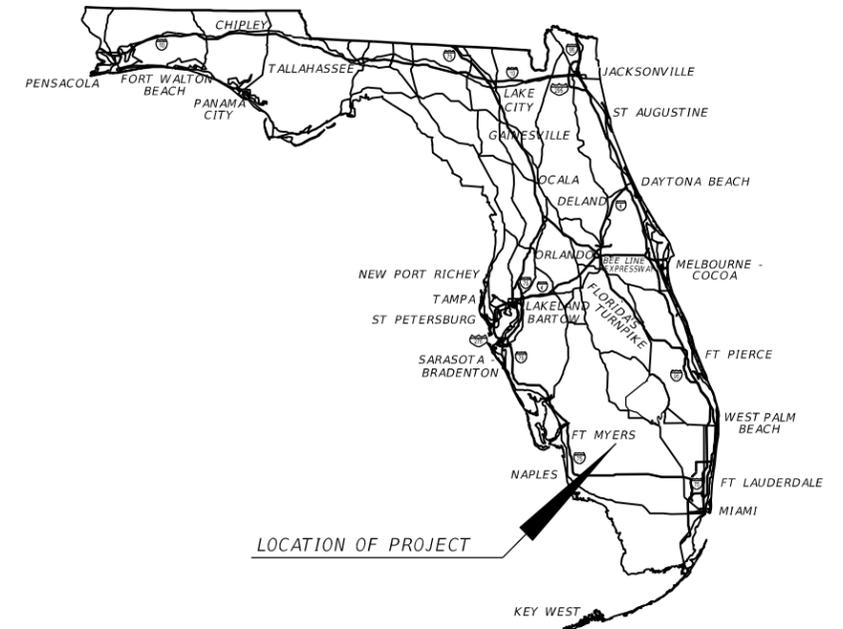
PROJECT LOCATION URL: <https://tinyurl.com/32wcxxfc>

PROJECT LIMITS: BEGIN MP 36.600 - END MP 40.254

EXCEPTIONS: NONE

BRIDGE LIMITS: NONE

RAILROAD CROSSING: NONE



LOCATION OF PROJECT

PHASE IIIR
DECEMBER 31, 2025

**SIGNALIZATION PLANS
ENGINEER OF RECORD:**

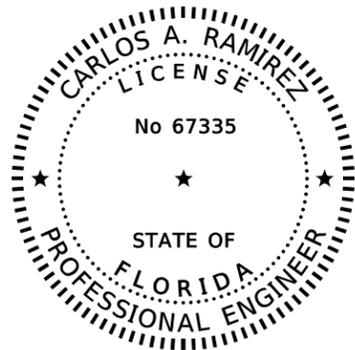
CARLOS A. RAMIREZ, P.E.
P.E. LICENSE NUMBER 67335
GARRETT ENGINEERING GROUP, INC.
120 10TH AVENUE NORTH
SAINT PETERSBURG, FL 33701
(727) 289-9018
CONTRACT NO.: CA417
VENDOR NO.: F593751569

FDOT PROJECT MANAGER:

SEAN PUGH, P.E.

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
TBD	27	T-1

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



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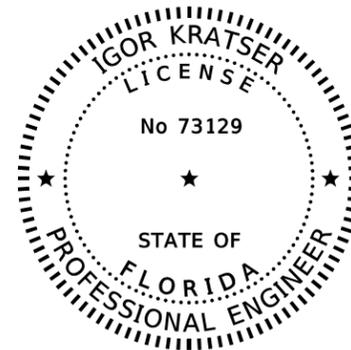
ON THE DATE ADJACENT TO THE SEAL

SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

GARRETT ENGINEERING GROUP, INC.
120 10TH AVENUE NORTH
SAINT PETERSBURG, FL 33701
CARLOS A. RAMIREZ, P.E. NO. 67335

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

SHEET NO.	SHEET DESCRIPTION
T-1	KEY SHEET
T-2	SIGNATURE SHEET
T-3	GENERAL NOTES
T-4 - T-8	SIGNALIZATION PLAN
T-9	STANDARD MAST ARM TABULATION
T-10	GUIDE SIGN WORK SHEET



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY

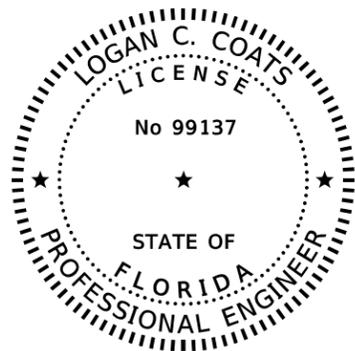
ON THE DATE ADJACENT TO THE SEAL

SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

TEST LAB, INC.
4112 WEST OSBORNE AVENUE
TAMPA, FL 33614
IGOR (IGON) KRATSER, P.E. NO. 73129

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

SHEET NO.	SHEET DESCRIPTION
T-2	SIGNATURE SHEET
T-12	REPORT OF CORE BORINGS



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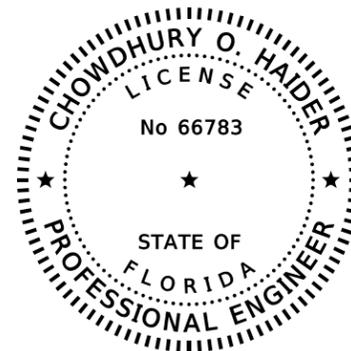
ON THE DATE ADJACENT TO THE SEAL

SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

RS&H, INC.
1715 N. WESTSHORE BLVD., SUITE 600
TAMPA, FL 33607
LOGAN C. COATS, P.E. NO. 99137

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

SHEET NO.	SHEET DESCRIPTION
T-2	SIGNATURE SHEET
T-11	STANDARD MAST ARM ASSEMBLIES DATA TABLE



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY

ON THE DATE ADJACENT TO THE SEAL

SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

RS&H, INC.
1715 N. WESTSHORE BLVD., SUITE 600
TAMPA, FL 33607
CHOWDHURY O. HAIDER, P.E. NO. 66783

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

SHEET NO.	SHEET DESCRIPTION
T-2	SIGNATURE SHEET
T-13	ITS GENERAL NOTES
T-14	POLE DATA TABLE & LEGEND
T-15 - T-26	ITS PLAN
T-27	CCTV MOUNTING DETAILS
T-28	CCTV FIELD SITE DIAGRAM
T-29	CCTV WIRING DIAGRAM
T-30	CABINET DETAILS
T-31 - T-32	SPLICING DIAGRAM
T-33	ITS CROSS SECTION

REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	CARLOS A. RAMIREZ, P.E. LICENSE NUMBER: 67335 GARRETT ENGINEERING GROUP, INC. 120 10TH AVENUE NORTH SAINT PETERSBURG, FL 33701			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				SR 29	COLLIER	417540-5-52-01	SIGNATURE SHEET			
										T-2

SIGNALIZATION GENERAL NOTES:

1. PAVEMENT MARKINGS ARE SHOWN FOR REFERENCE PURPOSES ONLY. FOR PAVEMENT MARKING DESIGN INFORMATION, SEE SIGNING AND PAVEMENT MARKING PLANS.
2. AT LEAST TWO (2) FULL BUSINESS DAYS PRIOR TO BEGINNING THE TRAFFIC SIGNAL INSTALLATION, CONTACT THE TRAFFIC SIGNAL INSPECTOR/LIAISON:

 DAVID AYERS
 FLORIDA DEPARTMENT OF TRANSPORTATION
 FORT MYERS OPERATIONS CENTER
 2981 N.E. PINE ISLAND ROAD
 CAPE CORAL, FL 33909
 DAVID.AYERS@DOT.STATE.FL.US
 PH: 239-985-7858
3. WHEN CONSTRUCTION IS COMPLETE, PROVIDE AS-BUILT PLANS IN ELECTRONIC FORM (PDF) TO:

 FDOT TRAFFIC OPERATIONS
 NEAL TURNER, P.E. TSM&O ENGINEER-ARTERIALS
 801 N. BROADWAY AVE
 P.O. BOX
 BARTOW, FL 33830
 EMAIL: NEAL.TURNER@DOT.STATE.FL.US
 PHONE: 863-519-2216
4. 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 LOCATION/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN POINTS HAVE NOT BEEN VERIFIED.
5. WHERE MAST ARM, STRAIN POLES, OR ANY OTHER SIGNAL EQUIPMENT REQUIRING FOUNDATIONS ARE PROPOSED WITHIN 4 FEET OF ANY UNDERGROUND UTILITY, THE UTILITY SHALL BE LOCATED, EXPOSED AND PROTECTED. THE INITIAL 5 FEET OF THE SHAFT INSTALLATION SHALL BE EXPOSED USING NON MECHANIZED EQUIPMENT.
6. THE MAINTAINING AGENCY CONTACT INFORMATION IS AS FOLLOWS:

 MICHAEL STEPHENSON
 SUPERVISOR, SIGNAL OPERATIONS
 COLLIER COUNTY
 TRANSPORTATION ENGINEERING
 EMAIL: MICHAEL.STEPHENSON@COLLIERCOUNTYFL.GOV
 PHONE: 239-252-5827
7. CONTACT THE MAINTAINING AGENCY COLLIER COUNTY AT THE TELEPHONE NUMBER 239-252-5827, FOR THE ASSIGNMENT OF THE PHYSICAL ADDRESS ONCE THE SERVICE DROP LOCATION HAS BEEN ESTABLISHED.
8. REFER TO ROADWAY PLANS COMPONENT FOR UTILITY AGENCY/OWNER (UAO) INFORMATION.

NOTE TO REVIEWER:

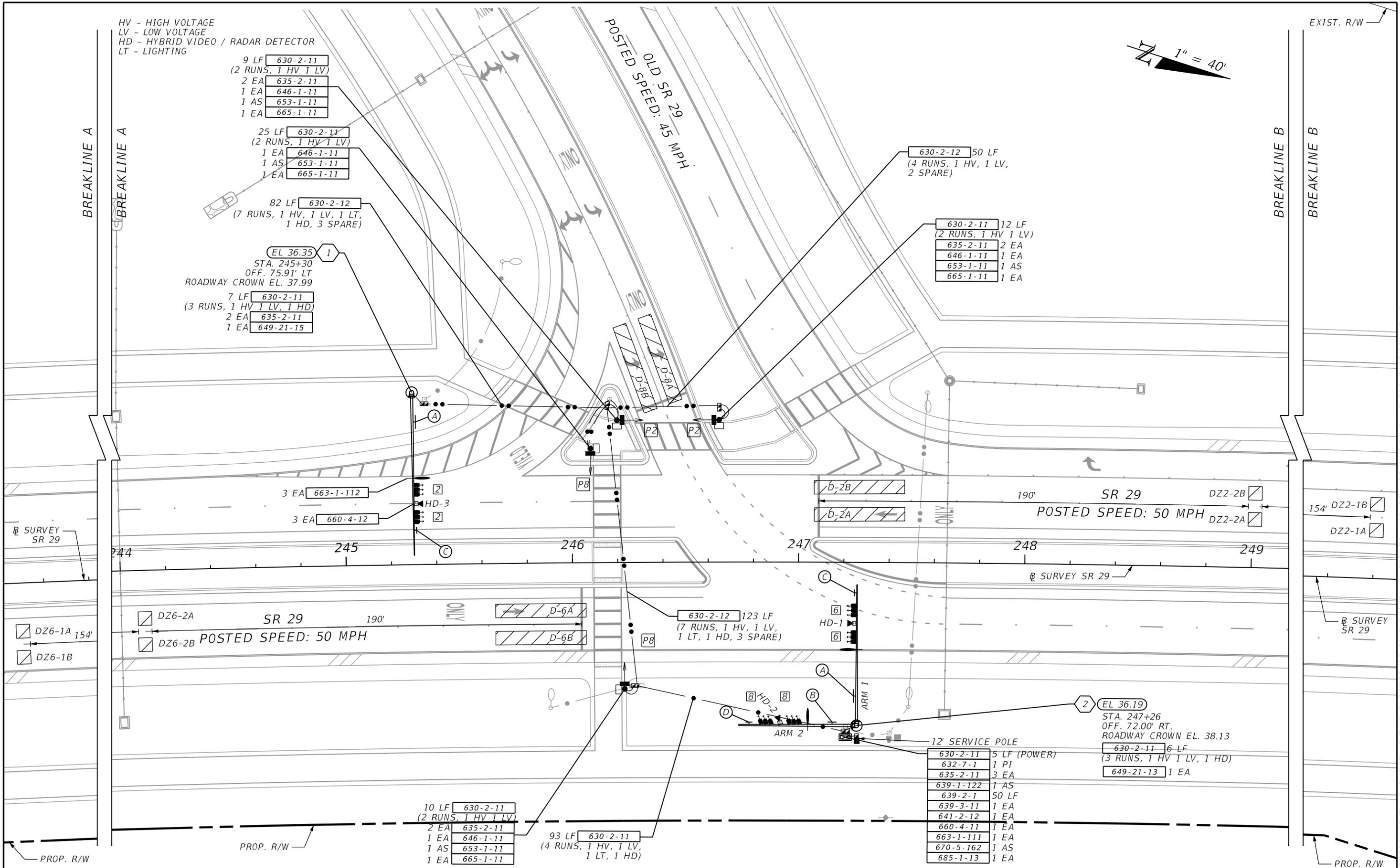
THE DESIGN TEAM IS IN COORDINATION WITH DISTRICT TRAFFIC ON THE ADDITION OF PEDESTRIAN HYBRID BEACONS (PHB) TO THE ROUNDABOUT APPROACHES. THIS WORK IS CURRENTLY BEING SCOPED AND WILL BE INCLUDED IN THE NEXT SUBMITTAL. SHEETS T-7 AND T-8 HAVE BEEN INCLUDED IN THIS SET TO SHOW PRELIMINARY LOCATIONS FOR THE PHB MAST ARMS AND GROUND MOUNTED PEDESTALS.

SIGNALIZATION PAY ITEM NOTES:

- 630-2-11, 630-2-12:
 USE A MINIMUM OF 3" DIAMETER CONDUIT FOR ALL DIRECTIONAL BORES UNLESS OTHER WISE NOTED IN THE PLANS.
- 632-7-1:
 VERIFY THE COLOR CODE OF SIGNAL CABLE WITH THE MAINTAINING AGENCY PRIOR TO WIRING INTERSECTION.
- 635-2-11:
 PULL BOXES ARE TO BE PLACED BEHIND CURB AND GUTTER. IF THERE IS NO CURB AND GUTTER, PULL BOXES SHALL BE PLACED A MINIMUM OF 7' FROM THE EDGE OF PAVEMENT. USE POLYMER CONCRETE CONSTRUCTION PULL BOXES WITH POLYMER CONCRETE COVERS (APL NO. 635-001-012, 635-001-014, 635-001-025).
- 639-1-122:
 USE GALVANIZE (STEEL) RIGID ABOVEGROUND CONDUIT FOR ELECTRICAL POWER SERVICE. THE ELECTRICAL SERVICE DISCONNECT IS 100 AMP, COMPRISING OF A SIX (6) CIRCUIT DISCONNECT BOX WITH TWO CIRCUIT BREAKERS - ONE 50 AMP/120 VOLT FOR CONTROLLER/INTERNALLY ILLUMINATED STREET SIGNS AND ONE 15 AMP/120 VOLT FOR FUTURE USE.
- 646-1-11:
 USE LOCKING COLLARS WHEN MOUNTING ALUMINUM PEDESTRIAN POLES TO PEDESTRIAN PEDESTAL BASES. USE BREAKWAY ALUMINUM SQUARE BASE ASSEMBLIES WITH ALUMINUM DOORS FOR PEDESTRIAN PEDESTALS.
- 649-21-13, 649-21-15:
 USE TWO 2" AND ONE 1" CONDUITS STUBBED OUT THROUGH THE MAST ARM POLE FOUNDATION AND TEMPORARILY SEAL. ALL MAST ARM ASSEMBLIES SHALL HAVE A TERMINAL COMPARTMENT.
- 650-1-14, 650-1-44:
 USE LOUVERED ALUMINUM SIGNAL HEAD BACK PLATES.
- 653-1-11:
 PEDESTRIAN SIGNAL HEADS TO BE 16"x18" INTERNATIONAL SYMBOL, LED COUNTDOWN TYPE.
- 660-4-11, 660-4-12:
 SEE PLAN SHEET FOR THE NUMBER OF VIDEO CAMERAS INCLUDED IN THE VIDEO DETECTION ASSEMBLY. USE A 72" LONG GUSSET TUBE FOR VIDEO DETECTION CAMERA ATTACHMENT BRACKET. VIDEO DETECTION TO BE COMPATIBLE WITH MAINTAINING AGENCY'S EXISTING VIDEO DETECTION SYSTEM. USE NOTRAFFIC MODEL 2.0 (APL NO. 660-015-048).
- 663-1-111, 663-1-112:
 INSTALL MODEL 764 GPS & IR PHASE SELECTOR IN DETECTOR BACK. USE GLOBAL TRAFFIC TECHNOLOGIES (GTT) INFRARED EMERGENCY VEHICLE DETECTION SYSTEM (APL NO. 663-001-006). INCLUDE CONFIRMATION LIGHT ON EACH APPROACH.
- 665-1-11:
 USE PEDESTRIAN BUTTON SIGNAL SIGN R10-3E. STREET NAME SHALL BE IN ACCORDANCE WITH THE STREET NAMES SHOWN ON THE SIGNALIZATION PLAN SHEETS. PEDESTRIAN PUSH BUTTON MUST BE POLARA, MODEL: MOMENTARY L.E.D. BULLDOG BDL3-B (APL NO. 665-003-011).
- 670-5-162:
 USE Q-FREE XN-1 TRAFFIC SIGNAL CONTROLLER (APL NO. 671-017-015). ALL CONTROLLER EQUIPMENT TO BE COMPATIBLE WITH COLLIER COUNTY'S EXISTING EQUIPMENT. CONTACT MAINTAINING AGENCY PRIOR TO ORDERING CONTROLLER ASSEMBLY TO CONFIRM EQUIPMENT COMPATIBILITY. ADD AN ADDITIONAL 15 AMP/120 VOLT CIRCUIT BREAKER DEDICATED TO INTERNALLY ILLUMINATED STREET NAME SIGNS. LOCATE CIRCUIT BREAKER IN THE CONTROLLER CABINET. USE CONCRETE FOR CONTROLLER STEPS AS REQUIRED. USE MALFUNCTION MANAGEMENT UNIT: EBERLE DESIGN INC. (EDI), MODEL: MMU2-16LEIP, (APL NO. 678-016-008) AND CABINET POWER SUPPLY (TS2): EBERLE DESIGN INC. (EDI), MODEL: PS250, (APL NO. 678-017-007).
- 685-1-13:
 USE APC UPS CABINET HEAD (BATTERY BACKUP SYSTEM) (APL NO. 685-002-018)
- 700-5-21, 700-5-22:
 ALL INTERNALLY ILLUMINATED STREET NAME SIGNS TO BE MOUNTED RIGIDLY ON MAST ARM. (USE ONE SIGN PER APPROACH). USE LED (EDGE LIT TYPE) INTERNALLY ILLUMINATED STREET NAME SIGNS.
- CONNECT INTERNALLY ILLUMINATED STREET NAME SIGN CONDUCTORS TO PHOTOELECTRIC CELL LOCATED INSIDE THE CONTROLLER CABINET AND PHOTOELECTRIC CELL CONDUCTORS TO DEDICATED 15 AMP/120 VOLT CIRCUIT BREAKER LOCATED INSIDE THE CONTROLLER CABINET. THIS ITEM SHALL INCLUDE A PLEXIGLASS WINDOW KIT (LIGHT ACCESS) FOR THE INSTALLATION OF A PHOTOELECTRIC CELL INSIDE THE CONTROLLER CABINET.

REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
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							SR 29	COLLIER	417540-5-52-01	GENERAL NOTES T-3

HV - HIGH VOLTAGE
 LV - LOW VOLTAGE
 HD - HYBRID VIDEO / RADAR DETECTOR
 LT - LIGHTING



- 9 LF 630-2-11 (2 RUNS, 1 HV 1 LV)
- 2 EA 635-2-11
- 1 EA 646-1-11
- 1 AS 653-1-11
- 1 EA 665-1-11

- 25 LF 630-2-11 (2 RUNS, 1 HV 1 LV)
- 1 EA 646-1-11
- 1 AS 653-1-11
- 1 EA 665-1-11

- 82 LF 630-2-12 (7 RUNS, 1 HV, 1 LV, 1 LT, 1 HD, 3 SPARE)

- EL 36.35
 STA. 245+30
 OFF. 75.91' LT
 ROADWAY CROWN EL. 37.99
- 7 LF 630-2-11 (3 RUNS, 1 HV 1 LV, 1 HD)
 - 2 EA 635-2-11
 - 1 EA 649-21-15

- 630-2-12 50 LF (4 RUNS, 1 HV, 1 LV, 2 SPARE)

- 630-2-11 12 LF (2 RUNS, 1 HV 1 LV)
- 635-2-11 2 EA
- 646-1-11 1 EA
- 653-1-11 1 AS
- 665-1-11 1 EA

- 3 EA 663-1-112
- 3 EA 660-4-12

- 630-2-12 123 LF (7 RUNS, 1 HV, 1 LV, 1 LT, 1 HD, 3 SPARE)

- 12' SERVICE POLE
- 630-2-11 5 LF (POWER)
 - 632-7-1 1 PI
 - 635-2-11 3 EA
 - 639-1-122 1 AS
 - 639-2-1 50 LF
 - 639-3-11 1 EA
 - 641-2-12 1 EA
 - 660-4-11 1 EA
 - 663-1-111 1 EA
 - 670-5-162 1 AS
 - 685-1-13 1 EA

- EL 36.19
 STA. 247+26
 OFF. 72.00' RT.
 ROADWAY CROWN EL. 38.13
- 630-2-11 6 LF (3 RUNS, 1 HV 1 LV, 1 HD)
 - 649-21-13 1 EA

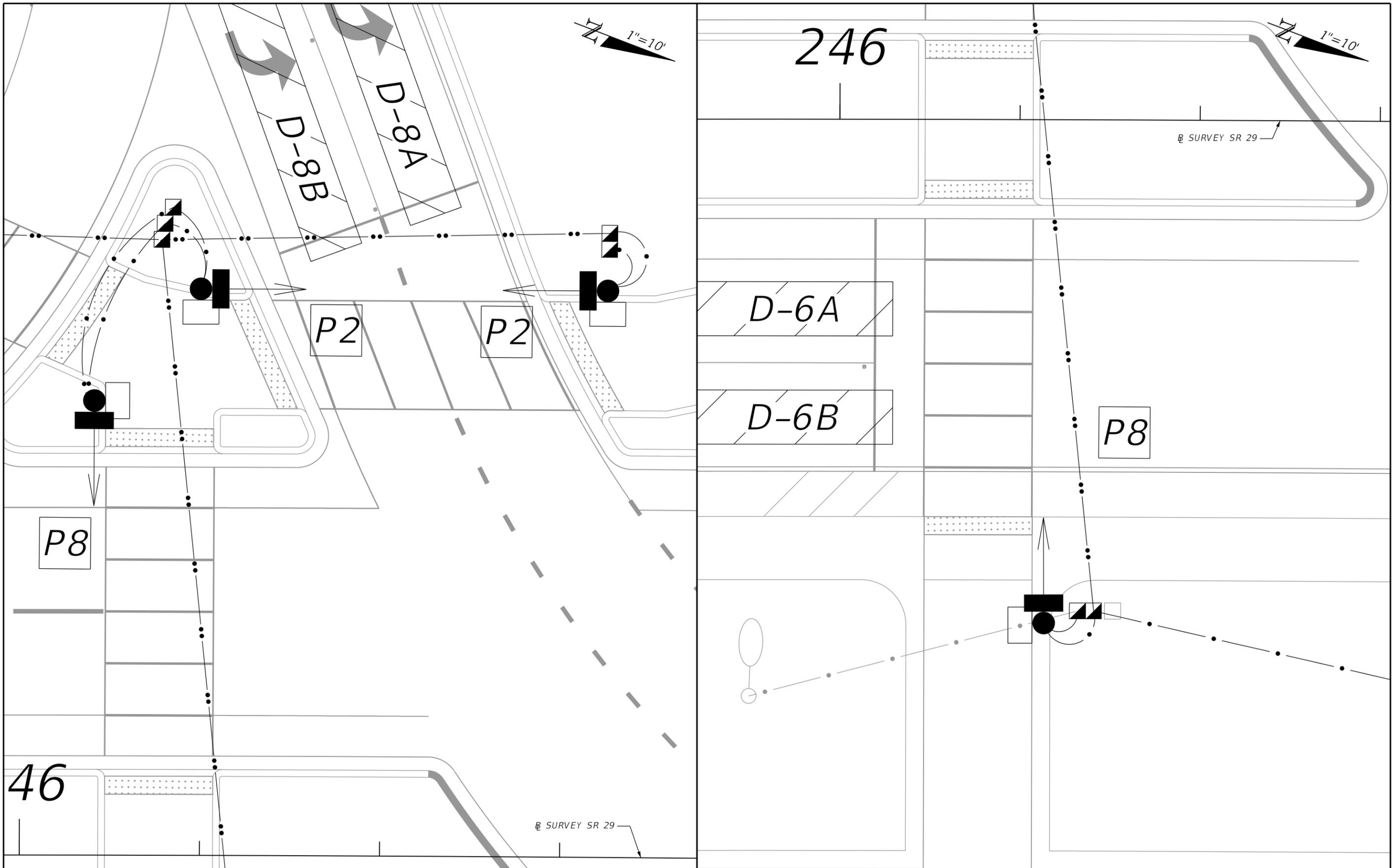
- 10 LF 630-2-11 (2 RUNS, 1 HV 1 LV)
- 2 EA 635-2-11
- 1 EA 646-1-11
- 1 AS 653-1-11
- 1 EA 665-1-11

- 93 LF 630-2-11 (4 RUNS, 1 HV, 1 LV, 1 LT, 1 HD)

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						SR 29	COLLIER	417540-5-52-01	T-4

SIGNALIZATION PLAN (1)

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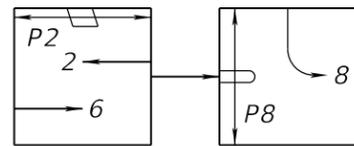
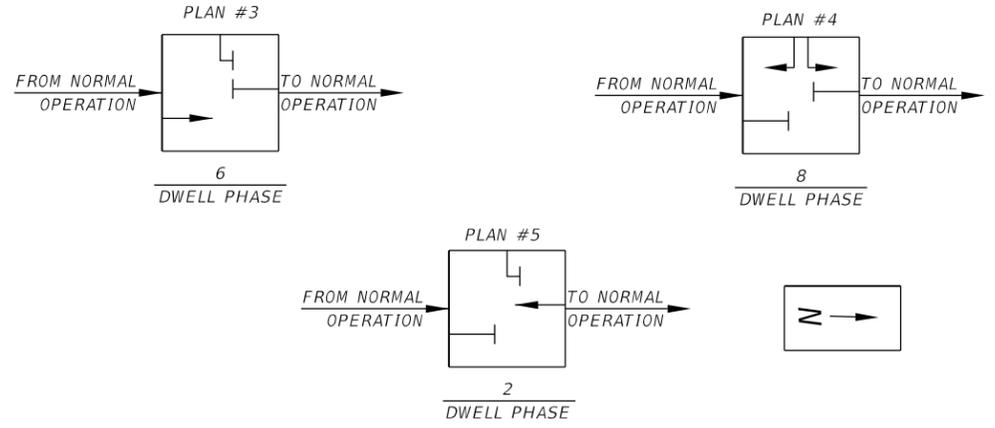


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NOTES:

1. MAJOR STREET IS SR 29, MOVEMENTS 2 AND 6. MINOR STREET IS OLD SR 29, MOVEMENT 8.
2. USE MODIFIED SIGNAL OPERATING PLAN NO. 1.
3. FLASHING INDICATION IS YELLOW FOR MOVEMENTS 2 AND 6 AND RED FOR ALL OTHER MOVEMENTS.
4. WIRE EACH PHASE/MOVEMENT FROM THE SIGNAL DISPLAY TO THE CONTROLLER AS A SEPARATE PHASE/MOVEMENT. THIS INCLUDES LEFT TURN MOVEMENTS. PROVIDE CONDUCTORS FOR PROTECTED AND PERMISSIVE OPERATION.
5. STOP BAR DETECTION ZONES ARE 6' X 40', CENTERED IN LANE, AND LOCATED 8' (MAX) DOWNSTREAM OF STOP BAR, BUT NO CLOSER THAN 2' FROM NEAR SIDE CROSSWALK. ALL OTHER DETECTION ZONES ARE 6' X 6', CENTERED IN LANE, AND LOCATED ACCORDING TO SIGNALIZATION PLAN (1).
6. REQUEST UPDATED SIGNAL TIMINGS FROM COLLIER COUNTY WHEN ALL LANES, STRIPING, SIGNALS AND PEDESTRIAN FACILITIES ARE IN THEIR FINAL CONFIGURATION AND THE SIGNAL IS OPERATING AS DESIGNED. PROVIDE COLLIER COUNTY WITH ALL 'AS-BUILT' INFORMATION NECESSARY TO DEVELOP THE BASIC SIGNAL TIMING PARAMETERS AND ALLOW THREE (3) WEEKS FOLLOWING THE REQUEST FOR COLLIER COUNTY TO DEVELOP THE UPDATED TIMINGS. PROGRAM THE CONTROLLER PER THE TIMINGS PROVIDED BY COLLIER COUNTY.



Ø1 Ø2
S.O.P. 1 (MOD.)

VIDEO VEHICLE DETECTION ASSIGNMENTS			
VIDEO DETECTOR	DETECTION ZONE	CONNECT TO MOVEMENT	DELAY TIME (SEC.)
HD-1	D-6A	6	
	D-6B	6	
HD-2	D-8A	8	
	D-8B	8	
HD-3	D-2A	2	
	D-2B	2	

MICROWAVE RADAR DETECTION ASSIGNMENTS			
RADAR DETECTOR	DETECTION ZONE	CONNECT TO MOVEMENT	DELAY TIME (SEC.)
HD-1	DZ6-1A DZ6-1B	6	
	DZ6-2A DZ6-2B	6	
HD-3	DZ2-1A DZ2-1B	2	
	DZ2-2A DZ2-2B	2	

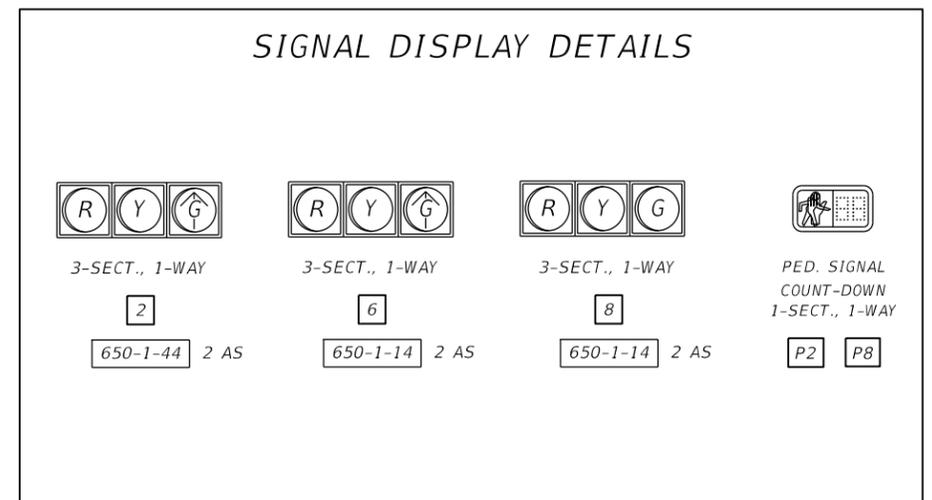
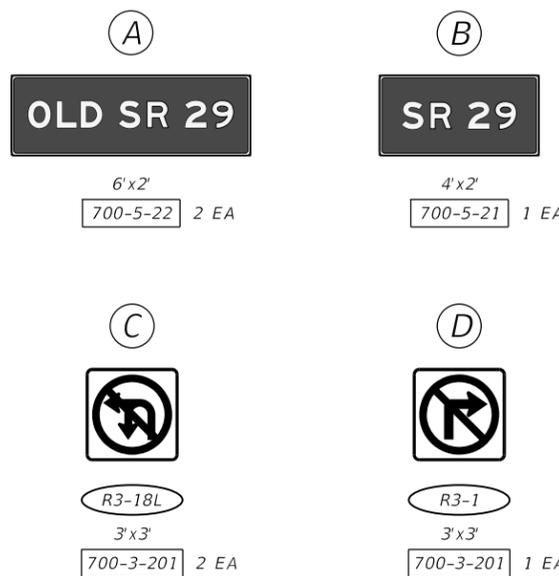
EMERGENCY VEHICLE PREEMPTION						
PREEMPTION TIME PLAN	1	2	3 (NB)	4 (SB)	5 (EB)	6
PRIORITY			6	6	6	
DELAY BEFORE PREEMPTION (SEC)			0	0	0	
MINIMUM GREEN BEFORE PREEMPTION (SEC)			*	*	*	
LOCK CALL			OFF	OFF	OFF	
MAXIMUM PRESENCE (SEC)			120	120	120	
YELLOW CLEARANCE (SEC)			**	**	**	
RED CLEARANCE (SEC)			**	**	**	
DWELL PHASE(S)			6	8	2	
MINIMUM DWELL			15	7	15	
YELLOW CLEARANCE (SEC) **			**	**	**	
RED CLEARANCE (SEC) **			**	**	**	
EXIT PHASES			2 & 6	2 & 6	2 & 6	

*ENTRY INTO PREEMPTION SHALL NOT VIOLATE MINIMUM GREEN OR PEDESTRIAN CLEARANCE INTERVALS.
** YELLOW AND ALL RED INTERVALS DURING PREEMPTION SHALL BE THE SAME VALUES USED DURING NORMAL CONTROLLER OPERATIONS.

SIGN DETAILS

CONTROLLER TIMINGS								
MOVEMENT# (CONTROLLER PHASE Ø)	1	2	3	4	5	6	7	8
DIRECTION		SB				NB		EB
TURN TYPE								
MIN GREEN		15.0				15.0		10.0
EXT		2.2				2.2		3.0
YELLOW		5.1				5.1		4.8
ALL RED		2.0				2.0		2.0
MAX 1		45.0				45.0		20.0
MAX 2								
MAX LIMIT								
ADJUST BY								
WALK		7.0						7.0
FLASHING DON'T WALK		6.0						25.0
DETECTOR MEMORY								
DET. CROSS SWITCH.								
DUAL ENTRY		ON				ON		ON
RECALL		MIN				MIN		

TIMINGS ARE INITIAL AND MAY REQUIRE FIELD ADJUSTING AS DIRECTED BY THE ENGINEER.

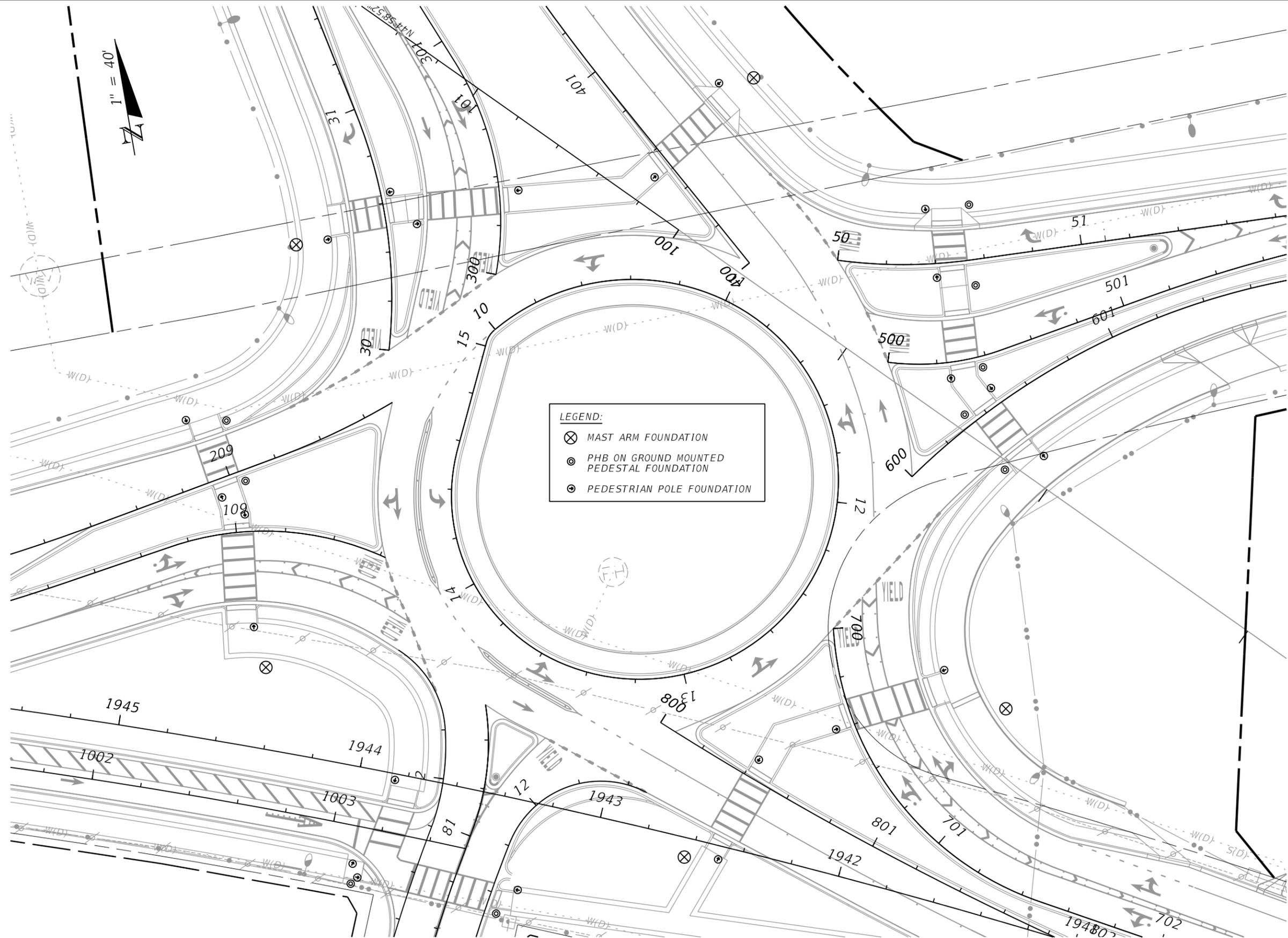


SR 29 & OLD SR 29 - SIGNAL ID 1653

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							SR 29	COLLIER	417540-5-52-01	T-6

SIGNALIZATION PLAN (3)

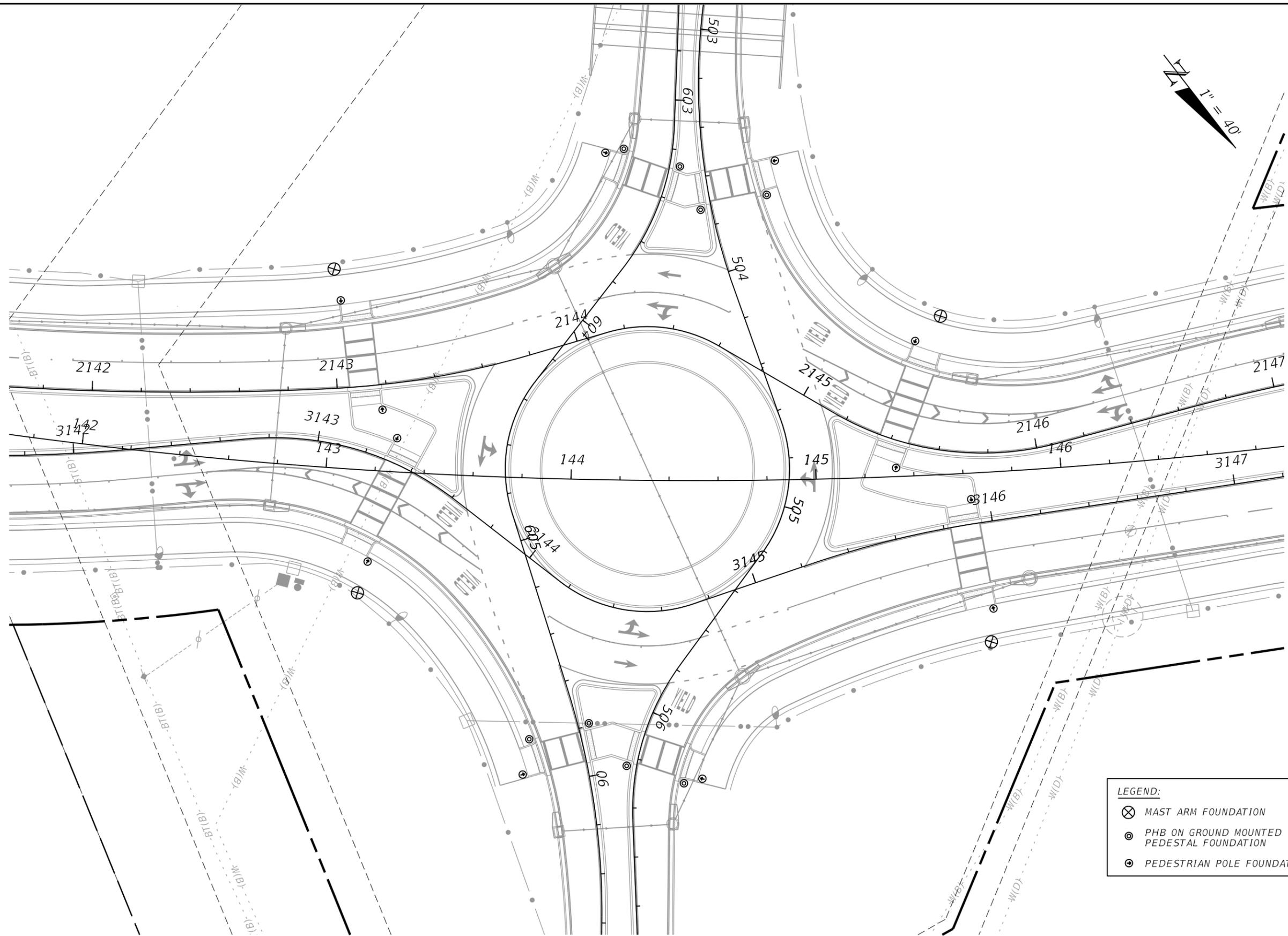
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LEGEND:
 ⊗ MAST ARM FOUNDATION
 ⊙ PHB ON GROUND MOUNTED PEDESTAL FOUNDATION
 ⊕ PEDESTRIAN POLE FOUNDATION

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNALIZATION PLAN (4)	SHEET NO. T-7
DATE	DESCRIPTION	DATE	DESCRIPTION	CARLOS A. RAMIREZ, P.E. LICENSE NUMBER: 67335 GARRETT ENGINEERING GROUP, INC. 120 10TH AVENUE NORTH SAINT PETERSBURG, FL 33701		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 29	COLLIER	417540-5-52-01		

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



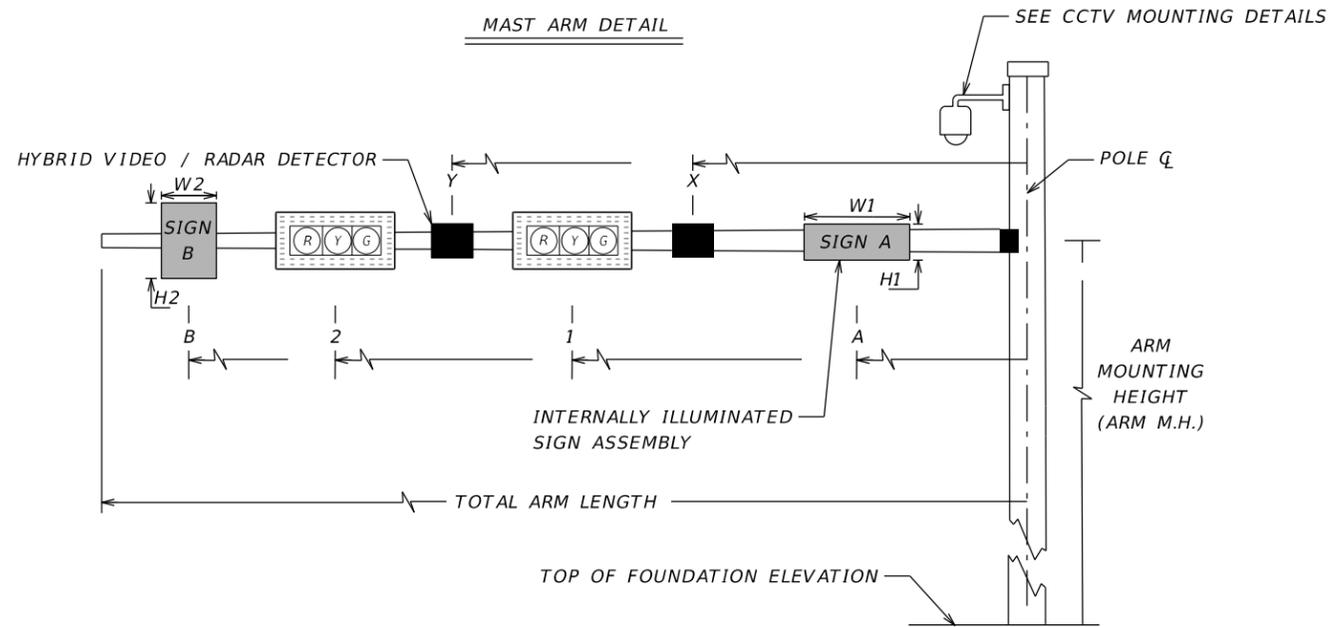
LEGEND:

- ⊗ MAST ARM FOUNDATION
- ⊙ PHB ON GROUND MOUNTED PEDESTAL FOUNDATION
- ⊙ PEDESTRIAN POLE FOUNDATION

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				CARLOS A. RAMIREZ, P.E. LICENSE NUMBER: 67335 GARRETT ENGINEERING GROUP, INC. 120 10TH AVENUE NORTH SAINT PETERSBURG, FL 33701		SR 29	COLLIER	417540-5-52-01	T-8

SIGNALIZATION PLAN (5)

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



* DENOTES NUMBER OF SECTIONS IN SIGNAL HEAD ASSEMBLY
 ** DENOTES INTERNALLY ILLUMINATED SIGN MOUNTED RIGIDLY ON MAST ARM
 *** MEASURED COUNTER CLOCKWISE FROM MAST ARM 1
 **** DENOTES CCTV CAMERA MOUNTED ON MAST ARM POLE.
 SEE ITS PLANS FOR DETAILS.

ID NO.	SHEET NO.	LOCATION BY STA/OFFSET	TOP OF FOUND. ELEVATION	RDWY ARM NO.	CROWN ELEV.	LUMI-NAIRE Y/N	SIGNAL DATA							TOTAL ARM LENGTH	ARM M. H.	ANGLE BETWEEN DUAL ARMS 90/270 ***	SIGN DATA						HYBRID VIDEO / RADAR DETECTOR DATA	
							SIGNAL V/H	BACK PLATES Y/N	PED. SIGNAL Y/N	DISTANCE FROM POLE							DISTANCE FROM POLE / HEIGHT AND WIDTH OF SIGN						X	Y
										1	*	2	*				A	W1	H1	B	W2	H2		
1	T-4	245+30, 75.91' LT	36.35	1	37.99	N	H	Y	N	42.9	3	54.9	3	70'	20.5'	--	13.0	6.0	2.0	60.8	3.0	3.0	37.8	49.1
---	---	-----	-----	2	---	--	--	--	--	--	-	--	-	--	20.5'	--	--	--	--	--	--	--	--	--
2	T-4	247+26, 72.00' RT	36.19	1	38.13	N	H	Y	N	39.0	3	50.7	3	60'	20.5'	90	13.0	6.0	2.0	58.5	3.0	3.0	33.5	45.1
---	---	-----	-----	2	---	--	--	--	--	27.2	3	39.7	3	50'	20.5'	--	10.8	4.0	2.0	47.5	3.0	3.0	21.6	33.5

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			STANDARD MAST ARM TABULATION	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	CARLOS A. RAMIREZ, P.E. LICENSE NUMBER: 67335 GARRETT ENGINEERING GROUP, INC. 120 10TH AVENUE NORTH SAINT PETERSBURG, FL 33701		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		T-9
						SR 29	COLLIER	417540-5-52-01		

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

STANDARD MAST ARM ASSEMBLIES DATA TABLE

TABLE DATE 11-01-16

STRUCTURE ID NUMBERS*	STRUCTURE LOCATION	DESIGNATION	FIRST ARM		SECOND ARM		UF (DEG)	LL (DEG)	POLE			DRILLED SHAFT ID
			ARM ID	FAA (FT.)	ARM ID	SAA (FT.)			POLE ID	UAA (FT.)	UB (FT.)	
03M096	① STA. 245+30, 75.91' LT.	A70/S-P5/S	A70/S						P5/S		20.5	DS/25/5.0
	② STA. 247+26, 72.00' RT.	A60/D-A50/D-P4/D	A60/D		A50/D		90		P4/D		20.5	DS/25/5.0

* ONLY ONE (1) STRUCTURE ID NUMBER IS ISSUED PER INTERSECTION.

NOTES [NOTES DATE 11-01-16]:

- IF AN ENTRY APPEARS IN COLUMN FAA, A SHORTER ARM IS REQUIRED. THIS IS OBTAINED BY REMOVING LENGTH FROM THE ARM TIP AND THE ARM LENGTH SHORTENED FROM FA TO FAA. SAA SIMILAR.
- IF AN ENTRY APPEARS IN COLUMN UAA, A SHORTER POLE IS REQUIRED. THIS IS OBTAINED BY REMOVING LENGTH FROM THE POLE TIP AND THE POLE HEIGHT SHORTENED FROM UA TO UAA.
- ARM MOUNTING HEIGHT UB MUST BE BETWEEN 18-22 FEET.
- POLE TYPES P2 AND LARGER REQUIRE A MINIMUM 4.5 FOOT DIAMETER DRILLED SHAFT. POLE TYPES P5 AND LARGER REQUIRE A MINIMUM 5.0 FOOT DIAMETER DRILLED SHAFT.
- WORK THIS SHEET WITH THE SIGNAL DESIGNER'S "MAST ARM TABULATION". SEE "MAST ARM TABULATION" FOR SPECIAL INSTRUCTIONS THAT INCLUDE NON-STANDARD HANDHOLE LOCATION, PAINT COLOR, TERMINAL COMPARTMENT REQUIREMENT, AND PEDESTRIAN FEATURES.
- WORK WITH INDEX 649-030 AND 649-031.
- DESIGN WIND SPEED = 170 MPH

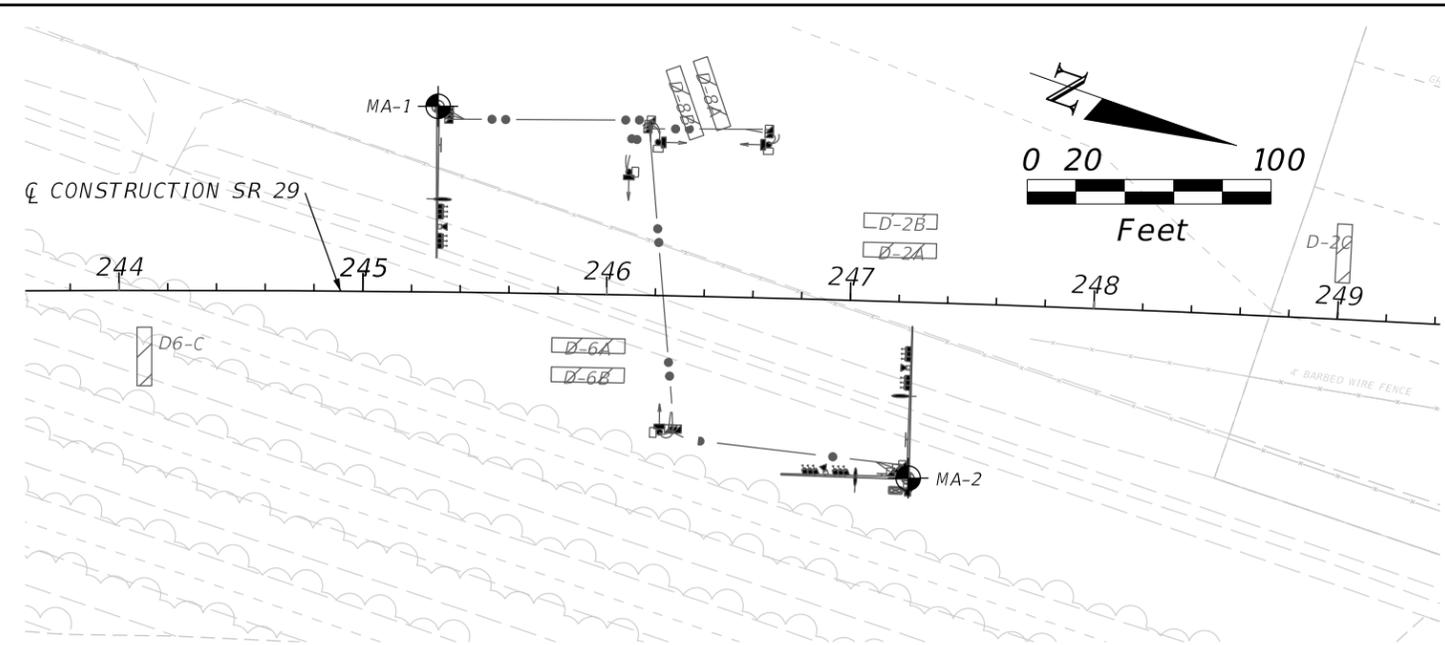
REVISIONS						LOGAN C. COATS, P.E. P.E. LICENSE NUMBER 99137 RS&H, INC. 1715 N. WESTSHORE BOULEVARD, SUITE 600 TAMPA, FLORIDA 33607-3999	DRAWN BY: CMT CHECKED BY: LCC DESIGNED BY: CMT CHECKED BY: LCC	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET TITLE: STANDARD MAST ARM ASSEMBLIES DATA TABLE	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							SR 29	COLLIER	417540-5-52-01	NEW ROAD CONSTRUCTION FROM CR 846 E TO NORTH OF NEW MARKET ROAD W	T-11	

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

LEGEND

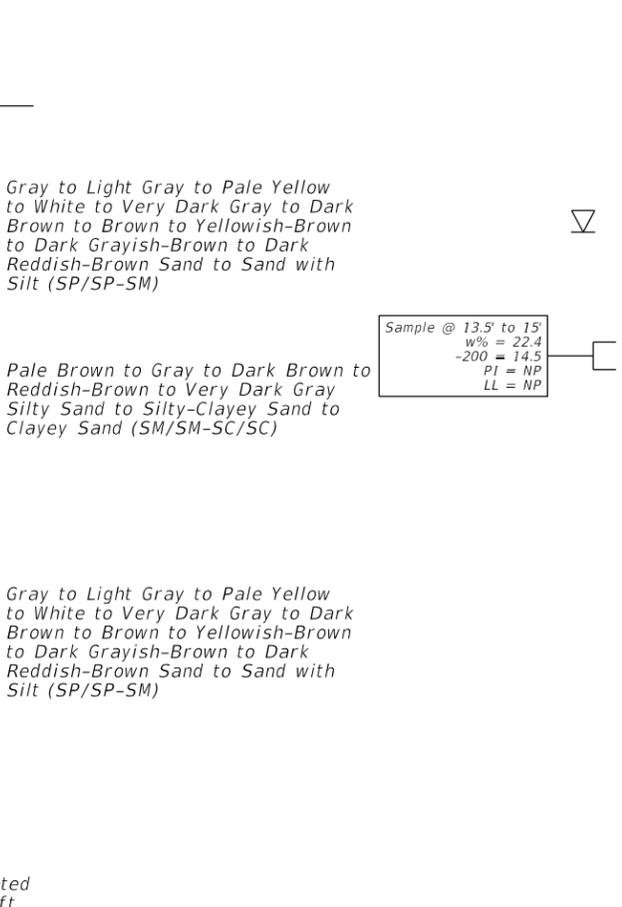
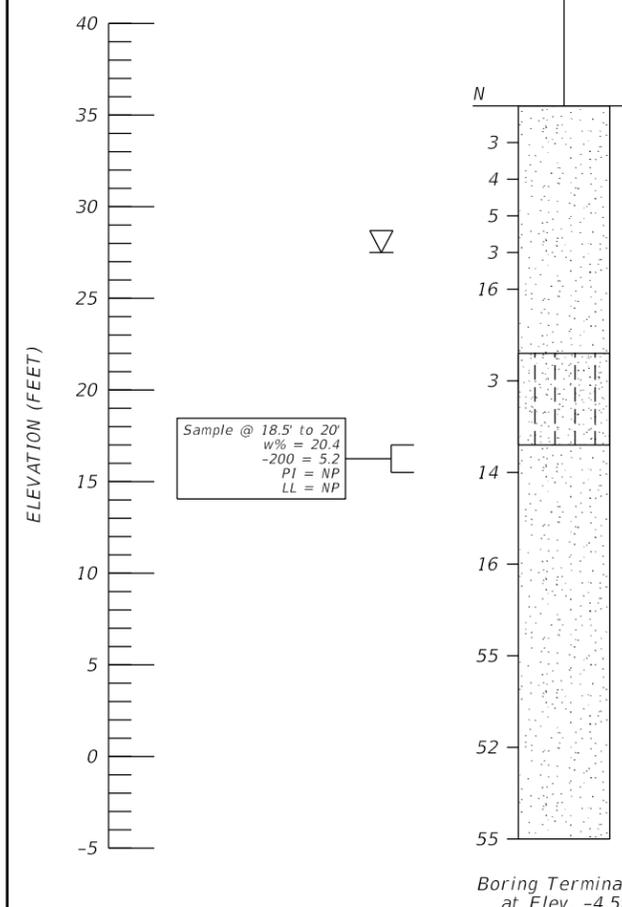
-  GRAY TO LIGHT GRAY TO PALE YELLOW TO WHITE TO VERY DARK GRAY TO DARK BROWN TO BROWN TO YELLOWISH-BROWN TO DARK GRAYISH-BROWN TO DARK REDDISH-BROWN POORLY GRADED SAND TO SAND WITH SILT (SP/SP-SM)
-  PALE BROWN TO GRAY TO DARK BROWN TO REDDISH-BROWN TO VERY DARK GRAY SILTY SAND TO SILTY-CLAYEY SAND TO CLAYEY SAND (SM/SM-SC/SC)
- SP UNIFIED SOIL CLASSIFICATION SYSTEM (ASTM D 2488) SYMBOL AS DETERMINED BY VISUAL REVIEW AND/OR LABORATORY TESTING
- Const. CENTER LINE OF CONSTRUCTION
- Elev. 29.5 GROUND SURFACE ELEVATION (NAVD 88) AT TEST LOCATION
- NAVD 88 NORTH AMERICAN VERTICAL DATUM OF 1988
- N NUMBERS TO THE LEFT OF BORING INDICATE THE STANDARD PENETRATION TEST "N" VALUE FOR 12 INCHES OF PENETRATION (UNLESS OTHERWISE NOTED)
- GNA GROUNDWATER TABLE NOT APPARENT DUE TO USE OF DRILLING FLUID
-  GROUNDWATER TABLE AT TIME OF DRILLING
- w% MOISTURE CONTENT
- 200 FINES PASSING #200 STANDARD SIEVE (%)
- PI PLASTICITY INDEX
- LL LIQUID LIMIT (%)
-  SPT BORING APPROXIMATE LOCATION

NOTE:
BORING ELEVATION, STATION AND OFFSET WERE DETERMINED USING PROJECT MICROSTATION DIGITAL FILES ALONG WITH GPS COORDINATES OBTAINED BY TEST LAB, INC. IN THE FIELD AND SHOULD BE CONSIDERED APPROXIMATE.



Bore # MA-1
Reference Station 245+30
Offset 76' LT
Elevation 35.5'
Date 1/27/2025
Driller M. Hernandez
Hammer Auto
Rig Track

Bore # MA-2
Reference Station 247+26
Offset 72' RT
Elevation 36.1'
Date 1/27/2025
Driller M. Hernandez
Hammer Auto
Rig Track



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	IGOR (IGON) KRATSER, P.E. LICENSE NUMBER: 73129 TEST LAB, INC. 4112 WEST OSBORNE AVENUE TAMPA, FLORIDA 33614		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 29	COLLIER	417540-5-52-01	T-12

REPORT OF CORE BORINGS

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

ITS GENERAL NOTES:

1. WHEN CONSTRUCTION IS COMPLETE, PROVIDE AS-BUILT PLANS IN ELECTRONIC FORM (PDF) TO:
 FDOT TRAFFIC OPERATIONS
 BELINDA M. THOMAS, FCCM, FCCN, CPM
 TSM&O- FMS/AMS SPECIALIST IV
 DISTRICT ONE FLORIDA DEPARTMENT OF TRANSPORTATION
 801 N BROADWAY AVE, BARTOW, FL 33830
 EMAIL: BELINDA.THOMAS@DOT.STATE.FL.US
 PHONE: (863) 519-2726
2. THE MAINTAINING AGENCY CONTACT INFORMATION IS AS FOLLOWS:
 MATTHEW ADALINE
 JOSE GUERRA
 HARIS M DOMOND
 COLLIER COUNTY TMC
 TRANSPORTATION ENGINEERING
 EMAIL(S): MATHEW.ADALINE@COLLIERCOUNTYFL.GOV, JOSE.GUERRA@COLLIERCOUNTYFL.GOV, HARIS.DOMOND@COLLIERCOUNTYFL.GOV
 PHONE (TMC): (239) 252-5000
3. CONTRACTOR IS RESPONSIBLE FOR REQUIRED COORDINATION OF DESIGN AND CONSTRUCTION ACTIVITIES AND SCHEDULES WITH ON-GOING OR FUTURE PROJECTS IN THE VICINITY OF THE PROJECT LIMITS. OBTAIN REQUIRED PERMITS AND APPROVAL OF THE ITS CONTRACT PLANS PRIOR TO COMMENCING WORK.
4. RIGHT-OF-WAY (R.O.W.) SHOWN ON THE PLANS IS BASED ON RECORD INFORMATION AND IS APPROXIMATE. THE INFORMATION IS PROVIDED TO THE CONTRACTOR TO IDENTIFY CONSTRUCTION CONSTRAINTS. PRIOR TO WORKING IN AN AREA, FIELD INSPECT THE APPARENT AVAILABLE R.O.W. (AS IDENTIFIED BY FENCES, MONUMENTS, BUILDINGS, MAINTAINED PRIVATE PROPERTY, ETC.) TO DETERMINE CONSTRUCTION CONSTRAINTS. ENSURE THAT ALL WORK THAT IS PERFORMED AS PART OF THIS PROJECT IS WITHIN EXISTING RIGHT-OF-WAY.
5. EXISTING ITS FACILITIES ARE LOCATED WITHIN THE PROJECT LIMITS WHICH INCLUDE FIBER OPTIC CABLE, CONDUIT, PULL BOXES, SPLICE VAULTS, CCTV CAMERAS, MVDS, DMS, HARS, RWIS, AND ELECTRIC POWER CABLES/SERVICES. THE CONTRACTOR SHALL LOCATE AND PROTECT THESE FACILITIES AT ALL TIMES PRIOR TO AND DURING CONSTRUCTION.
6. PRIOR TO ANY EQUIPMENT ORDER, SUBMIT FOR REVIEW AND APPROVAL THE EQUIPMENT SPECIFICATIONS OR DESIGN AND SHOP DRAWINGS, INCLUDING PLAN OF ATTACHMENTS FOR ALL MATERIAL PROPOSED FOR THIS PROJECT.
7. DURING NON-WORKING HOURS, NO EQUIPMENT, VEHICLES OR MATERIAL SHALL BE PARKED OR STORED WITHIN THE CLEAR ZONE OF THE ROADWAY. IF THE ABOVE IS NOT POSSIBLE, A STORAGE AREA WITH PROPER DELINEATION AND ADVANCED WARNING SHALL BE USED WITH THE APPROVAL OF THE ENGINEER.
8. THESE PLANS REFLECT CONDITIONS KNOWN DURING THE DEVELOPMENT OF THE DESIGN. ALL SCALES ARE APPROXIMATE. ACTUAL PHYSICAL FIELD CONDITIONS SHALL PROVIDE THE BASIS FOR THE APPLICATION OF WORK SHOWN IN THE PLANS. THE CONTRACTOR IS FULLY RESPONSIBLE FOR THE APPLICATION OF ALL WORK SHOWN IN THE PLANS TO THE ACTUAL PHYSICAL FIELD CONDITIONS IN ORDER TO PROVIDE A COMPLETE AND ACCEPTED PROJECT.
9. AERIAL BACKGROUND IS FOR INFORMATION PURPOSES ONLY. THE CURRENT STATE OF AREA COULD BE DIFFERENT FROM WHAT IS SHOWN ON THE AERIALS.
10. THE LOCATION OF ALL PROPOSED EQUIPMENT TO BE INSTALLED SHALL BE CONSIDERED TO BE APPROXIMATE. ADJUSTMENTS MAY BECOME NECESSARY. VARIATIONS FROM PROPOSED LOCATIONS MUST BE VERIFIED WITH THE ENGINEER. STAKE ALL POLE LOCATIONS AND RECEIVE APPROVAL FROM THE ENGINEER PRIOR TO SOIL BORING INSTALLATION OR CONSTRUCTION.
11. ALL CONDUIT TRENCHES SHALL BE BACKFILLED COMPLETELY TO PROVIDE SAFE CROSSING BY THE END OF EACH WORKING DAY OR WHEN THE WORK ZONE BECOMES INACTIVE.
12. HAND DIG CONDUIT AT LOCATIONS WHERE THE DEPTH OF ANY UTILITY LINE MAY BE IN CONFLICT WITH THE PROPOSED CONDUIT.
13. NO TEST BORINGS WERE MADE WHERE CONDUIT RUNS ARE TO BE INSTALLED BY DIRECTIONAL BORING OR TRENCHING. EXAMINE JOB SITE CONDITIONS IN ACCORDANCE WITH THE FDOT SPECIFICATIONS BEFORE CONSTRUCTION ACTIVITIES BEGIN.
14. CALL SUNSHINE ONE-CALL, A MINIMUM OF (48) HOURS AND A MAXIMUM OF (96) HOURS BEFORE ANY EXCAVATION WORK. NOTE THAT NOT ALL UTILITY COMPANIES ARE MEMBERS OF THE SUNSHINE ONE CALL, AND THEREFORE, CONTACT NON-MEMBERS INDIVIDUALLY.
15. THE UTILITIES SHOWN ON THESE PLANS ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT REPRESENT THE EXTENT OF UTILITIES ON THIS PROJECT. VERIFY UNDERGROUND UTILITIES VERTICALLY AND HORIZONTALLY (VVH) FOR ALL CONDUIT AND DEVICE INSTALLATIONS. WHEN BORING UNDER PAVEMENT, VERIFY THE VERTICAL DEPTH BY POT HOLING PRIOR TO SHOOTING THE BORE. ANY OTHER METHOD MUST BE APPROVED BY FDOT. LOCATE AND AVOID EXISTING UNDERGROUND AND ABOVEGROUND STRUCTURES AND FACILITIES. ANY DAMAGE DONE TO UTILITIES, STRUCTURES, BRIDGE SHOULDERS, GUARDRAIL, FENCING AND ROADWAY SURFACES CAUSED BY CONSTRUCTION ACTIVITIES ARE THE RESPONSIBILITY OF THE CONTRACTOR.
16. NOTIFY THE APPROPRIATE UTILITIES AT LEAST TWO FULL BUSINESS DAYS IN ADVANCE OF ANY WORK ACTIVITY WHICH MAY IMPACT ANY UTILITY FACILITY. SEE UTILITY ADJUSTMENT SHEETS IN ROADWAY PLANS FOR UTILITY CONTACTS.
17. THE LOCATION OF PROPOSED CONDUIT AND PULL BOXES SHOWN IN THESE PLANS IS SCHEMATIC. THEIR LOCATION MAY BE CHANGED TO AVOID CONFLICTS WITH EXISTING/PROPOSED UTILITIES, DRAINAGE STRUCTURES, TREES, SIGNS AND EXISTING CONDUIT. NO PULL BOXES OR SPLICE BOXES OF ANY TYPE SHALL BE INSTALLED IN DRAINAGE SWALES, DITCHES, PAVED SHOULDERS, WETLAND AREAS OR ON ANY SLOPES.
18. ALL SPARE CONDUITS SHALL BE CAPPED USING PLUGS/CONDUIT CAPS TO AVOID ENTRY OF DUST, DIRT OR MOISTURE INSIDE PULL BOXES.
19. NO OTHER CABLE SHALL BE PLACED IN THE SAME CONDUIT OR PULL BOX AS THE FIBER OPTIC CABLE OR THE ELECTRICAL POWER SERVICE WIRE.
20. ELECTRONIC BOX MARKERS ARE TO BE PLACED IN ALL FIBER OPTIC AND ELECTRICAL PULL BOXES AS WELL AS SPLICE VAULTS.

21. BRACKETS AND SPACERS WHICH ARE REQUIRED TO OFFSET THE RIGID METAL CONDUIT FROM THE MOUNTING SHALL BE OF SIMILAR MATERIALS TO PREVENT CATHODIC REACTION.
22. ALL PULL AND SPLICE BOXES SHALL BE FLUSH MOUNT AND LOAD BEARING.
23. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO THE GROUND RODS USING AN EXOTHERMIC WELD.
24. GROUNDING OF ALL ITS COMPONENTS SHALL BE INSTALLED AS PER THE PLANS AND FDOT SPECIFICATIONS.
25. COORDINATE WITH FLORIDA POWER AND LIGHT (FP&L) PRIOR TO ANY CONSTRUCTION WITHIN 10 FEET OF ENERGIZED ELECTRICAL CONDUCTORS. ALL PRECAUTIONARY MEASURES AND EXTREME CAUTION SHALL BE EXERCISED AROUND HIGH VOLTAGE AREAS.
26. ALL ELECTRICAL WORK SHALL MEET ALL REQUIREMENTS OF THE LATEST EDITION (2020) OF THE NATIONAL ELECTRICAL CODE, NATIONAL ELECTRIC SAFETY CODE (NEC), AND THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. ALL COMPONENTS SHALL BE PROPERLY GROUNDED AND BONDED PER NEC REQUIREMENTS.
27. COORDINATE WITH POWER COMPANIES AND FIELD VERIFY LOCATION(S) OF SERVICE POINTS PRIOR TO INSTALLING CONDUIT, DISCONNECT SWITCH, AND PULL BOXES.
28. LOCATE ALL SPRINKLER SYSTEMS THAT ARE IN CONFLICT WITH THE CONSTRUCTION ACTIVITY. AVOID OR PROTECT ANY SPRINKLER SYSTEM THAT IS WITHIN THE RIGHT-OF-WAY. THE COST OF REPAIRS TO REPLACE ANY DAMAGE DONE TO ANY SPRINKLER SYSTEM SHALL BE BORNE BY THE CONTRACTOR.
29. PLACE EARTH AROUND TOP OF FOUNDATION AND FEATHER EARTH TO MATCH EXISTING GRADE AND/OR SLOPE. LANDSCAPING SHALL BE RESTORED (AS A MINIMUM) TO EXISTING CONDITION.
30. SPOIL RESULTING FROM DRILLING AND/OR UNCLASSIFIED EXCAVATION SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF BY THE CONTRACTOR IN ACCORDANCE WITH LOCAL CODE.
31. REPLACE ANY CONDUIT AND THE MATERIALS IT CONVEYS DAMAGED BY CONSTRUCTION, WITHIN 24 HOURS TO THEIR ORIGINAL FUNCTION AND CAPACITY WITH LIKE MATERIALS. THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF THE REPLACEMENT.
32. RESTORATION OF ALL DISTURBED AREAS MUST MATCH EXISTING CONDITIONS AT THE CONTRACTOR'S EXPENSE. WHEN REPLACING SIDEWALKS OR CURB AND GUTTER, MATCH EXISTING COLOR, SURFACE TEXTURE AND/OR MATERIAL. WHEN RESTORING LANDSCAPED AREAS, SOD OR NEW SHRUBBERY MAY BE REQUIRED. CONCRETE MAY BE REQUIRED TO REPAIR SIDEWALK AROUND A PULL BOX. THE COST OF THESE MATERIALS WILL BE INCLUDED IN THE WORK BEING PERFORMED.
33. ALL PUBLIC LAND CORNERS AND MONUMENTS WITHIN THE LIMITS OF CONSTRUCTION ARE TO BE PROTECTED BY THE CONTRACTOR AS FOLLOWS: CORNERS AND MONUMENTS IN CONFLICT WITH THE WORK AND IN DANGER OF BEING DAMAGED, DESTROYED OR COVERED SHALL BE PROPERLY REFERENCED BY A PROFESSIONAL LAND SURVEYOR IN ACCORDANCE WITH THE MINIMUM TECHNICAL STANDARDS OF THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS PRIOR TO BEGINNING WORK AT THAT SITE.
34. ALL FIELD WIRING SHALL BE NEATLY BUNDLED AND CLEARLY IDENTIFIED WITH PERMANENT LEGIBLE, WEATHER PROOF TAGS THAT ARE SECURELY ATTACHED TO EACH CABLE. THE TAGGING SYSTEM PROPOSED SHALL BE SUBMITTED FOR APPROVAL WITH THE OTHER EQUIPMENT SUBMITTALS REQUIRED FOR THIS PROJECT.

NOTES TO REVIEWERS:

1. POWER COORDINATION IS ON GOING, WILL PROVIDE POWER DESIGN AND PDAR IN FINAL SUBMITTAL.
2. WILL PROVIDE GEOTECH BORING WITH STRUCTURAL EVALUATION AT CCTV POLE LOCATION IN FINAL SUBMITTAL.

ITS PAY ITEM NOTES:

- 630-2-11, 630-2-12:**
 USE A MINIMUM OF 2" DIAMETER CONDUIT FOR ALL DIRECTIONAL BORES UNLESS OTHER WISE NOTED IN THE PLANS. PVC STUBS ARE TO BE THE FOLLOWING FUNCTIONS AND SIZES:
 -ONE 2" CONDUIT FOR POWER SERVICE
 -ONE 2" CONDUIT FOR ITS CCTV CAMERA CABLE
 -ONE 2" CONDUIT FOR COMMUNICATIONS CABLE.
- 635-2-11:**
 PULL BOXES ARE TO BE PLACED BEHIND CURB AND GUTTER. IF THERE IS NO CURB AND GUTTER, PULL BOXES SHALL BE PLACED A MINIMUM OF 7' FROM THE EDGE OF PAVEMENT. USE POLYMER CONCRETE CONSTRUCTION PULL BOXES WITH POLYMER CONCRETE COVERS (APL NO. 635-001-014).

REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
			CHOWDHURY O. HAIDER, P.E. LICENSE NUMBER: 66783 RS&H, INC. 1715 N. WESTSHORE BLVD., SUITE 600 TAMPA, FL 33607	SR 29	COLLIER	417540-5-52-01	ITS GENERAL NOTES T-13

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

POLE DATA TABLE:

DEVICE	BASELINE	LOCATION		STATE ROAD NUMBER	POLE HEIGHT ABOVE GROUND (FT)	POLE EMBEDMENT DEPTH (FT) *	POLE LENGTH (FT)	CCTV MOUNTING HEIGHT (FT)	SLOPE OF GROUND AT CCTV LOCATIONS	PLAN SHEET	LOCAL HUB	NOTES
		STATION	OFFSET									
CCTV-SR29-X.X-NB	Ⓟ SURVEY SR29	147+00.00	71.00' RT	SR 29	60	15	75	58	FLAT	-	-	
CCTV-SR29-X.X-NB	Ⓟ SURVEY SR29	247+25.00	72.00' RT	SR 29	---	---	---	---	---	-	-	ON POLE 2 MAST ARM UPRIGHT

LEGEND:

SYMBOLS ARE NOT TO SCALE IN THE PLAN SET. UTILIZE THE DIMENSIONS SHOWN IN THESE PLANS AND SPECIFICATIONS WHEN LAYING OUT THE PROJECT.

-  PROPOSED DIRECTIONAL BORE CONDUIT
-  PROPOSED OPEN TRENCH CONDUIT
-  PROPOSED CCTV POLE
-  PROPOSED P-II SERVICE POLE
-  PROPOSED CCTV CAMERA
-  PROPOSED ELECTRICAL OR COMPOSITE CABLE PULL BOX
-  PROPOSED FIBER PULL BOX
-  PROPOSED SPLICE VAULT
-  EXISTING SPLICE VAULT
-  PROPOSED POLE MOUNTED CABINET

ABBREVIATIONS:

- CAB: CABINET
- CCTV: CLOSED-CIRCUIT TELEVISION CAMERA
- EPB: ELECTRICAL PULL BOX
- FPB: FIBER PULL BOX
- FOC: FIBER OPTIC CABLE
- FSV: FIBER SPLICE VAULT
- MMU: MALFUNCTION MANAGEMENT UNIT
- PROP.: PROPOSED
- POE: POWER OVER ETHERNET
- RPMU: REMOTE POWER MANAGEMENT UNIT
- SB: SOUTHBOUND
- SM: SINGLE MODE
- SPD: SURGE PROTECTION DEVICE

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			POLE DATA TABLE & LEGEND	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	CHOWDHURY O. HAIDER, P.E. LICENSE NUMBER: 66783 RS&H, INC. 1715 N. WESTSHORE BLVD., SUITE 600 TAMPA, FL 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		T-14
						SR 29	COLLIER	417540-5-52-01		



ADDITIONAL ITSFM PAY ITEMS:	
3.65 MI	611-1-1
1 EA	611-2-1
1 EA	611-2-2
1287 DA	633-6

BEGIN ITS CONSTRUCTION

EXIST. SPLICE VAULT	
200 LF 48SM FOC SLACK	
633-1-122	200 LF
633-2-31	24 EA
633-3-12	4 EA
633-3-51	1 EA

932 LF	630-2-12
932 LF	633-1-122
DIRECTIONAL BORE	
3-2" HDPE CONDUIT	
1-48SM FOC	
1-#12AWG LOCATE WIRE	
1-SPARE	

FPB-SR29-37.5-SB	
50 LF 48SM FOC SLACK	
633-1-122	50 LF
635-2-12	1 EA

512 LF	630-2-12
512 LF	633-1-122
DIRECTIONAL BORE	
3-2" HDPE CONDUIT	
1-48SM FOC	
1-#12AWG LOCATE WIRE	
1-SPARE	

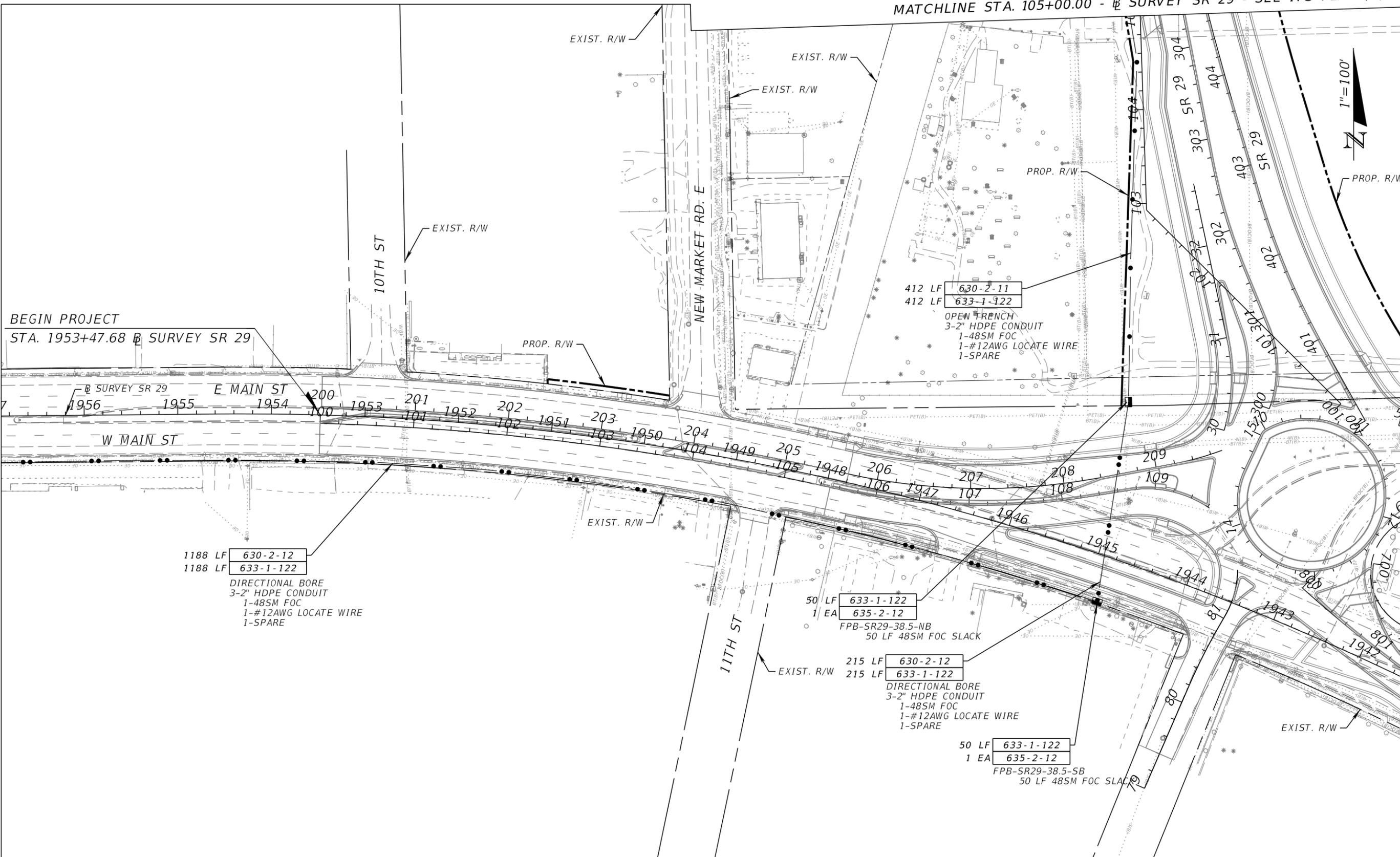
MATCHLINE (A) - CR 29 - SEE ITS PLAN (2)

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	CHOWDHURY O. HAIDER, P.E. LICENSE NUMBER: 66783 RS&H, INC. 1715 N. WESTSHORE BLVD., SUITE 600 TAMPA, FL 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
								SR 29	
ITS PLAN (1)									T-15

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

MATCHLINE STA. 105+00.00 - SEE SURVEY SR 29 - SEE ITS PLAN (3)

MATCHLINE (A) - CR 29 - SEE ITS PLAN (1)



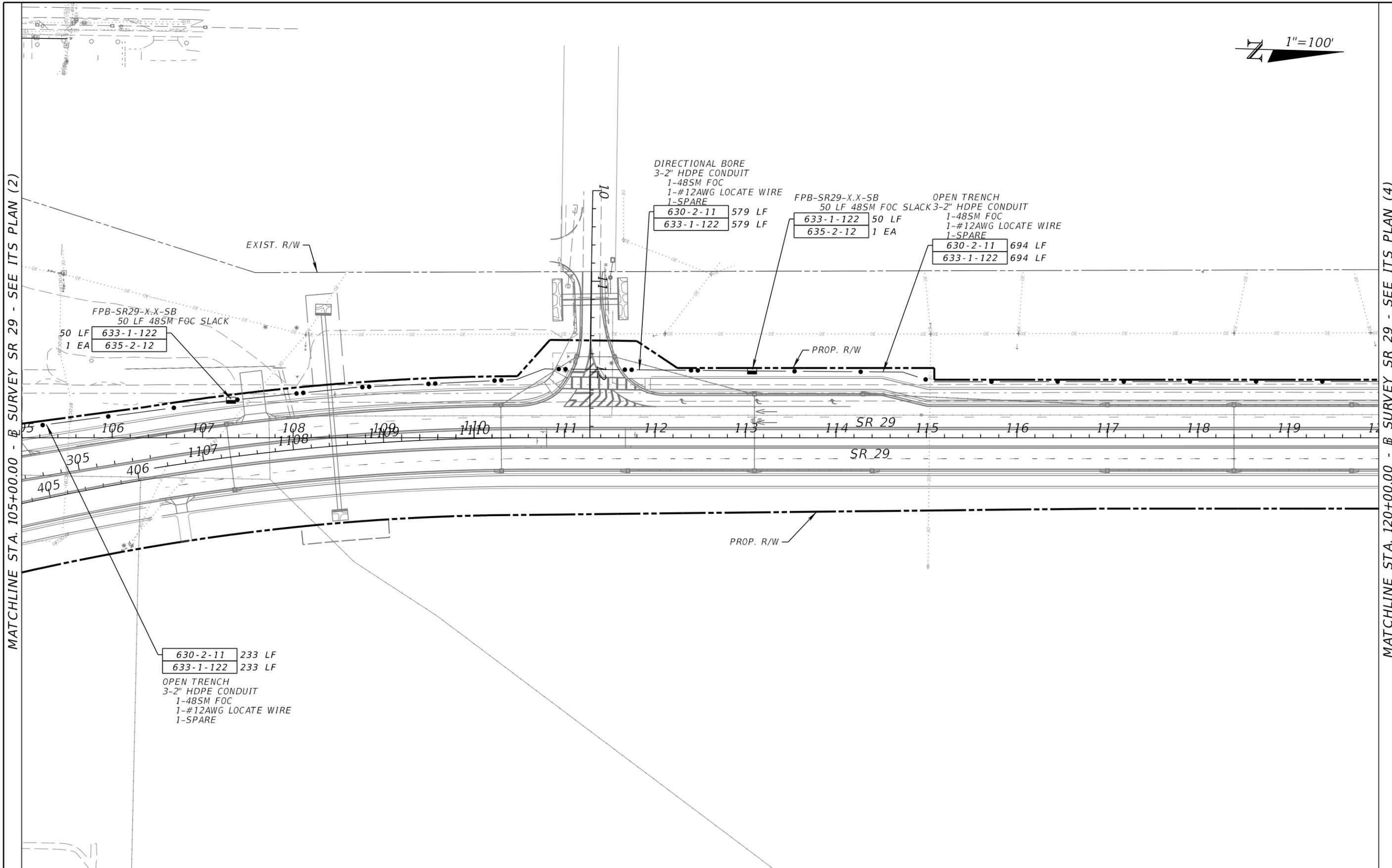
REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	CHOWDHURY O. HAIDER, P.E. LICENSE NUMBER: 66783 RS&H, INC. 1715 N. WESTSHORE BLVD., SUITE 600 TAMPA, FL 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 29	COLLIER	417540-5-52-01	
ITS PLAN (2)									T-16

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



MATCHLINE STA. 105+00.00 - B SURVEY SR 29 - SEE ITS PLAN (2)

MATCHLINE STA. 120+00.00 - B SURVEY SR 29 - SEE ITS PLAN (4)

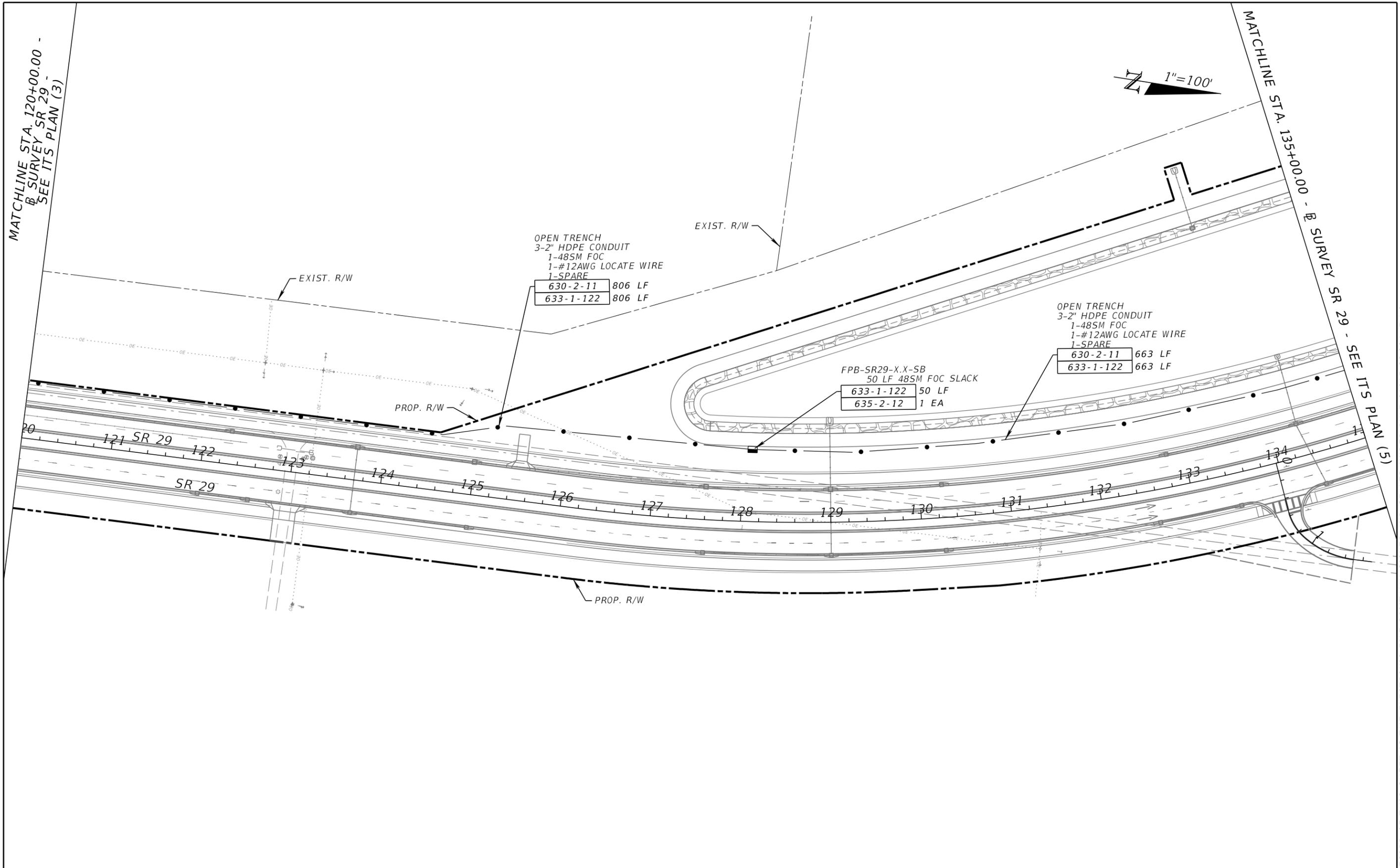


630-2-11 233 LF
 633-1-122 233 LF
 OPEN TRENCH
 3-2" HDPE CONDUIT
 1-48SM FOC
 1-#12AWG LOCATE WIRE
 1-SPARE

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	CHOWDHURY O. HAIDER, P.E. LICENSE NUMBER: 66783 RS&H, INC. 1715 N. WESTSHORE BLVD., SUITE 600 TAMPA, FL 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 29	COLLIER	417540-5-52-01	T-17

ITS PLAN (3)

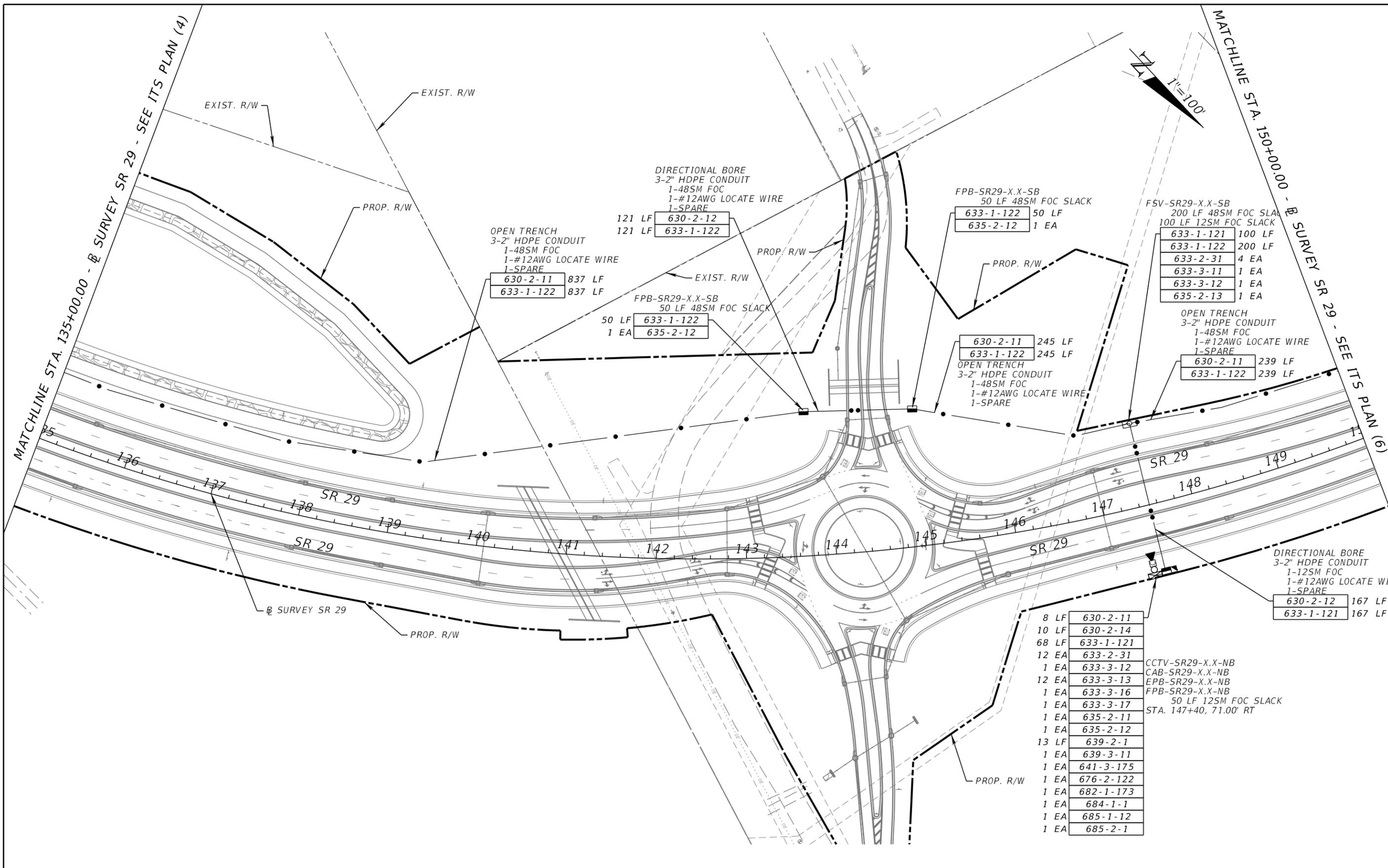
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	CHOWDHURY O. HAIDER, P.E. LICENSE NUMBER: 66783 RS&H, INC. 1715 N. WESTSHORE BLVD., SUITE 600 TAMPA, FL 33607			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 29	COLLIER	417540-5-52-01	T-18

ITS PLAN (4)

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



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	CHOWDHURY O. HAIDER, P.E. LICENSE NUMBER: 66783 RS&H, INC. 1715 N. WESTSHORE BLVD., SUITE 600 TAMPA, FL 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 29	COLLIER	417540-5-52-01	ITS PLAN (5) T-19

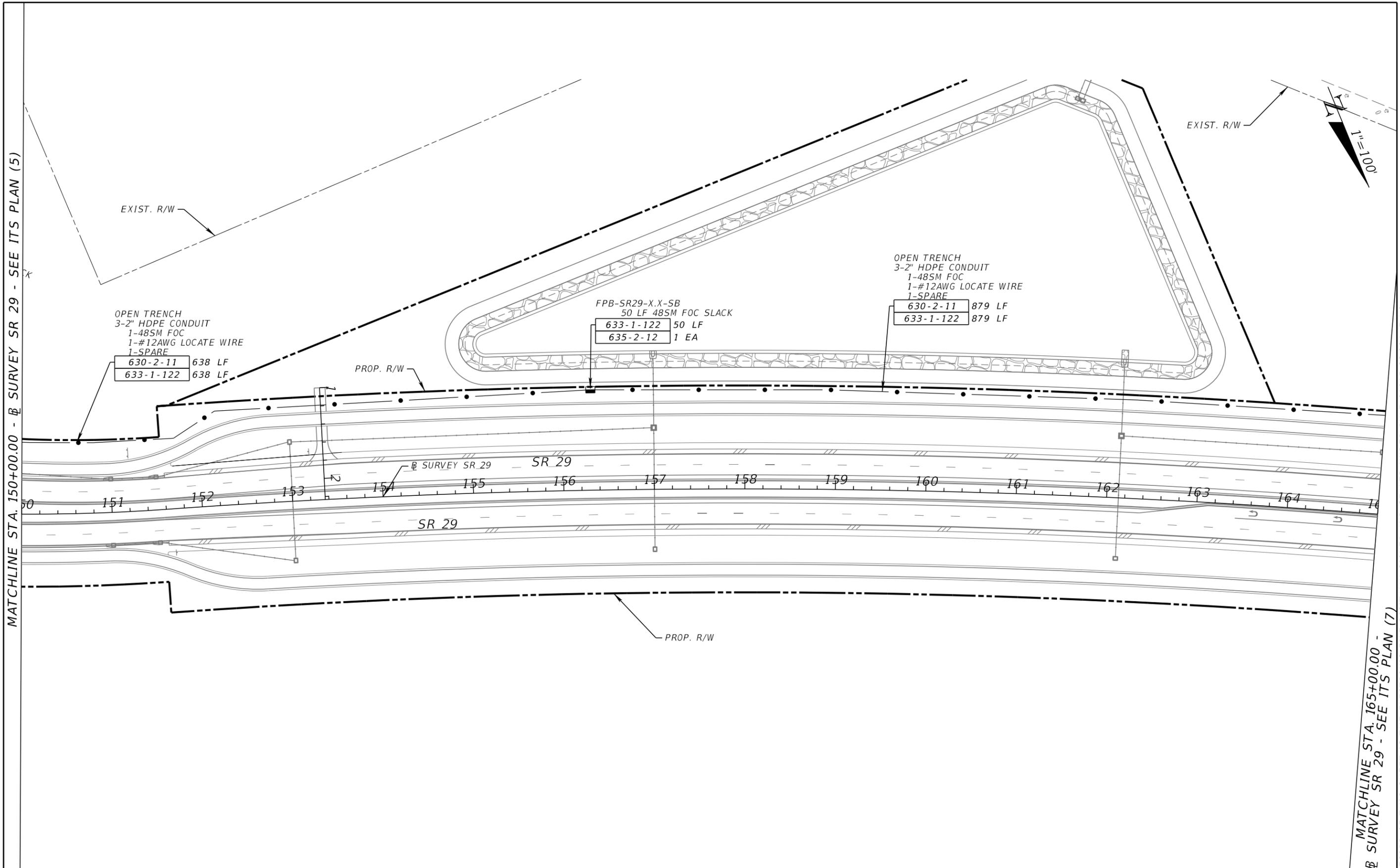
8 LF	630-2-11
10 LF	630-2-14
68 LF	633-1-121
12 EA	633-2-31
1 EA	633-3-12
12 EA	633-3-13
1 EA	633-3-16
1 EA	633-3-17
1 EA	635-2-11
1 EA	635-2-12
13 LF	639-2-1
1 EA	639-3-11
1 EA	641-3-175
1 EA	676-2-122
1 EA	682-1-173
1 EA	684-1-1
1 EA	685-1-12
1 EA	685-2-1

CCTV-SR29-X.X-NB
 CAB-SR29-X.X-NB
 EPB-SR29-X.X-NB
 FPB-SR29-X.X-NB
 50 LF 12SM FOC SLACK
 STA. 147+40, 71.00' RT

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

MATCHLINE STA. 150+00.00 - SEE SURVEY SR 29 - SEE ITS PLAN (5)

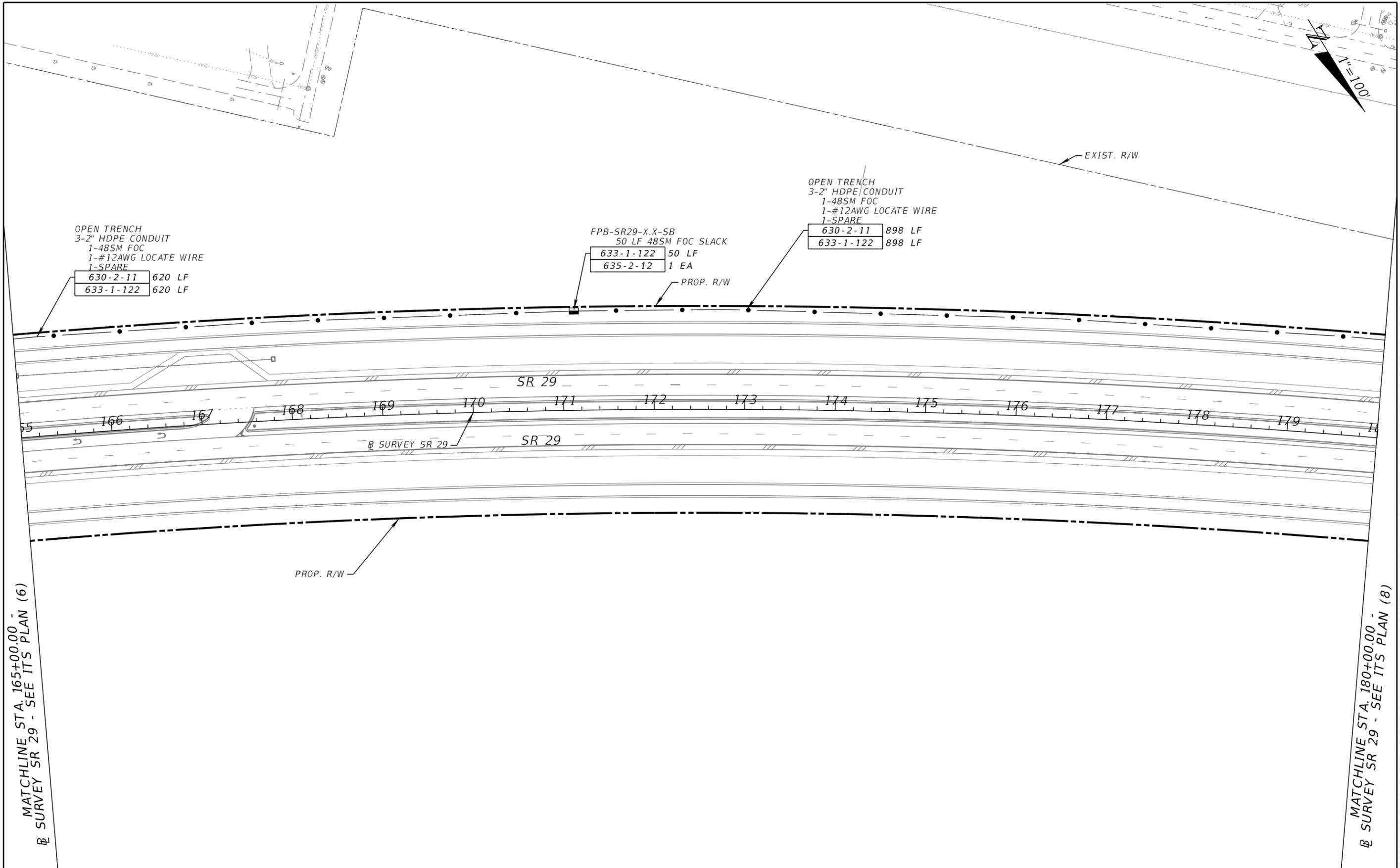
MATCHLINE STA. 165+00.00 - SEE SURVEY SR 29 - SEE ITS PLAN (7)



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	CHOWDHURY O. HAIDER, P.E. LICENSE NUMBER: 66783 RS&H, INC. 1715 N. WESTSHORE BLVD., SUITE 600 TAMPA, FL 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 29	COLLIER	417540-5-52-01	T-20

ITS PLAN (6)

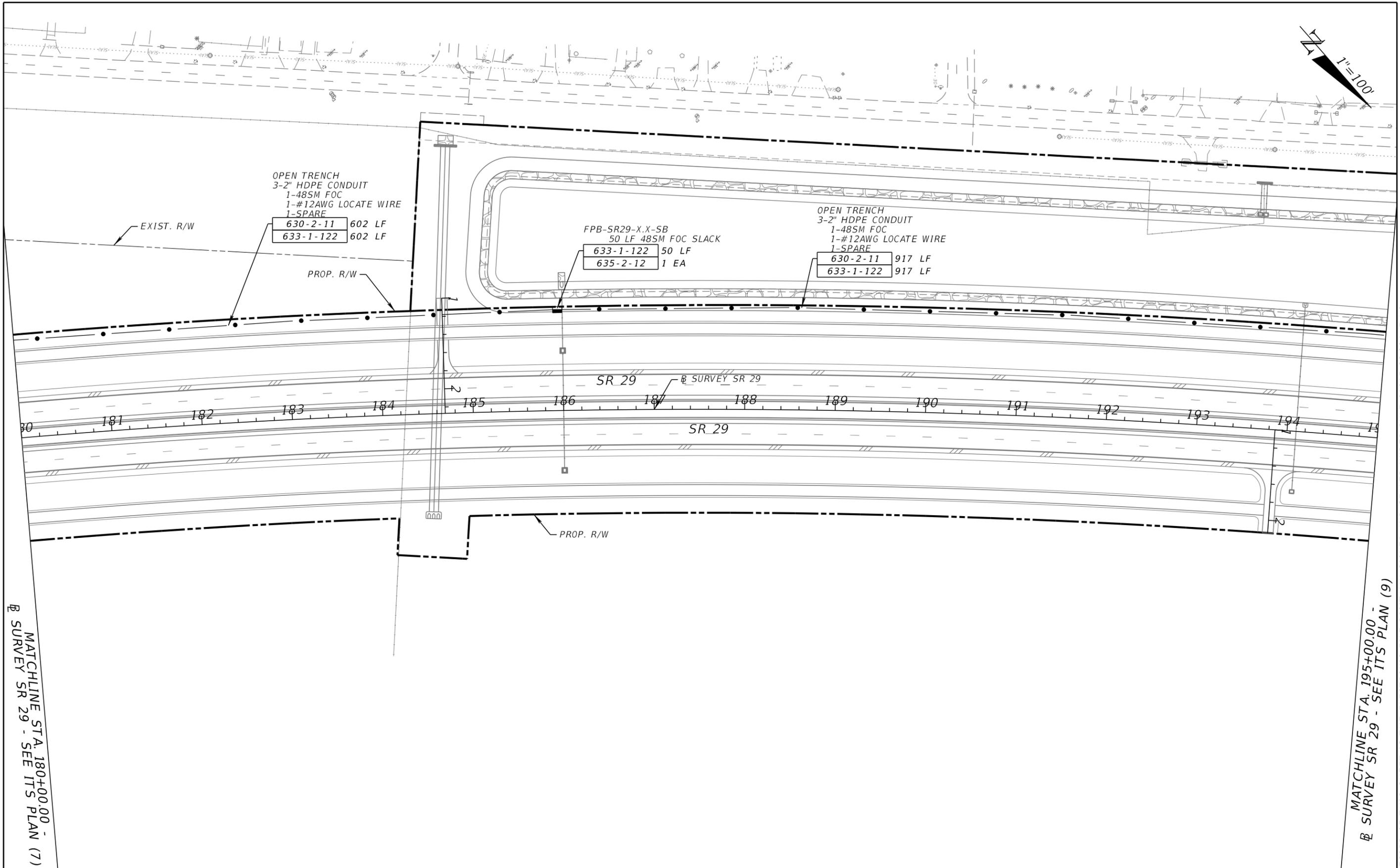
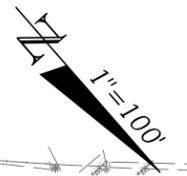
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	CHOWDHURY O. HAIDER, P.E. LICENSE NUMBER: 66783 RS&H, INC. 1715 N. WESTSHORE BLVD., SUITE 600 TAMPA, FL 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 29	COLLIER	417540-5-52-01	T-21

ITS PLAN (7)

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



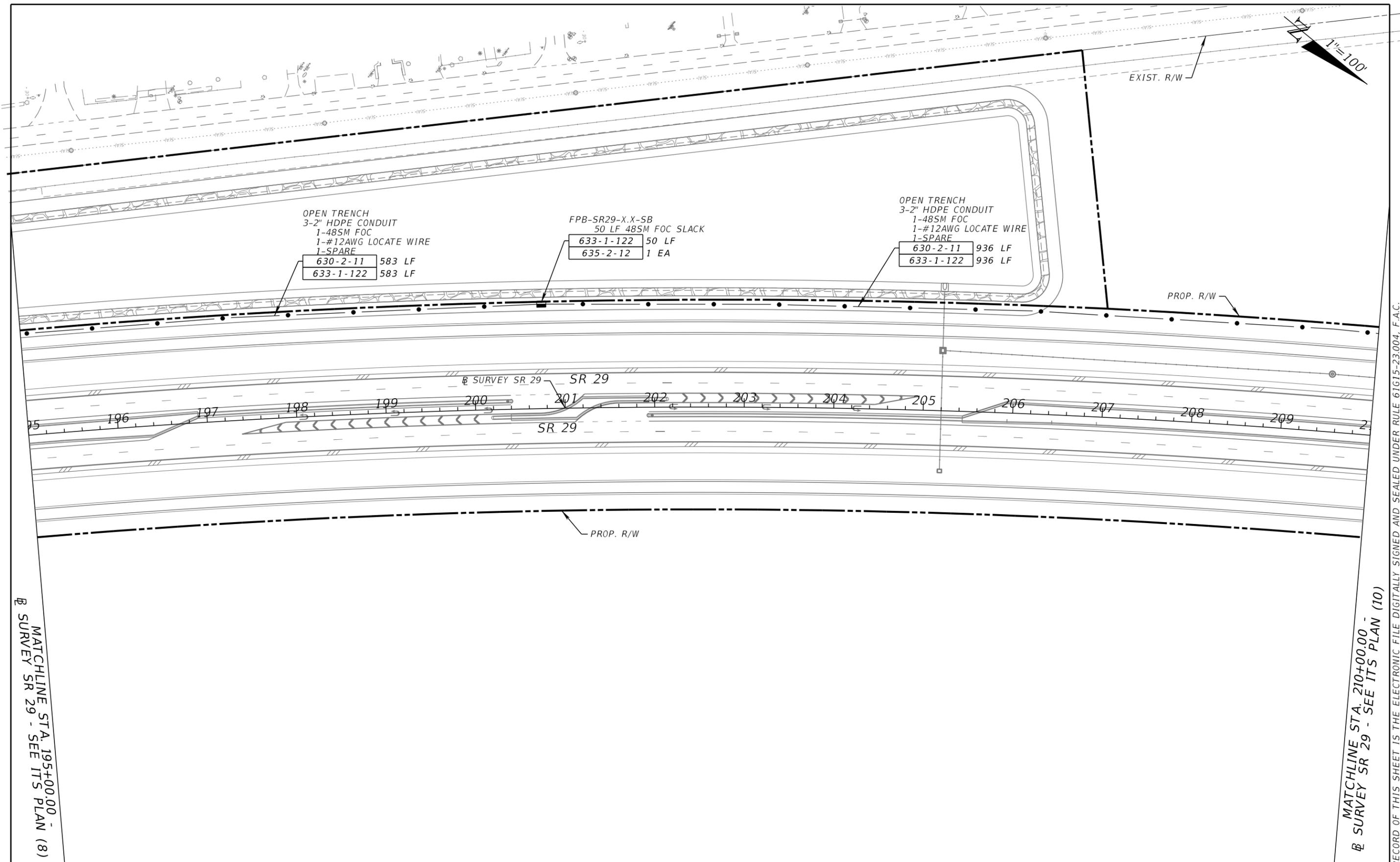
MATCHLINE STA. 180+00.00 -
 SURVEY SR 29 - SEE ITS PLAN (7)

MATCHLINE STA. 195+00.00 -
 SURVEY SR 29 - SEE ITS PLAN (9)

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	CHOWDHURY O. HAIDER, P.E. LICENSE NUMBER: 66783 RS&H, INC. 1715 N. WESTSHORE BLVD., SUITE 600 TAMPA, FL 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 29	COLLIER	417540-5-52-01	T-22

ITS PLAN (8)

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



MATCHLINE STA. 195+00.00 -
 SURVEY SR 29 - SEE ITS PLAN (8)

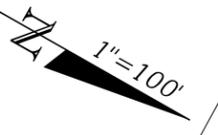
MATCHLINE STA. 210+00.00 -
 SURVEY SR 29 - SEE ITS PLAN (10)

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	CHOWDHURY O. HAIDER, P.E. LICENSE NUMBER: 66783 RS&H, INC. 1715 N. WESTSHORE BLVD., SUITE 600 TAMPA, FL 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 29	COLLIER	417540-5-52-01	

ITS PLAN (9)

T-23

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



EXIST. R/W

OPEN TRENCH
 3-2" HDPE CONDUIT
 1-48SM FOC
 1-#12AWG LOCATE WIRE
 1-SPARE

630-2-11	563 LF
633-1-122	563 LF

FPB-SR29-X.X-SB
 50 LF 48SM FOC SLACK

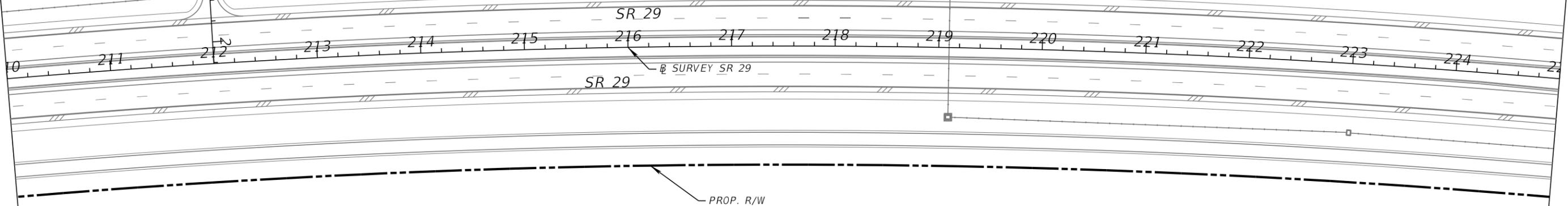
633-1-122	50 LF
635-2-12	1 EA

OPEN TRENCH
 3-2" HDPE CONDUIT
 1-48SM FOC
 1-#12AWG LOCATE WIRE
 1-SPARE

630-2-11	955 LF
633-1-122	955 LF

PROP. R/W

PROP. R/W



MATCHLINE STA. 210+00.00 -
 SURVEY SR 29 - SEE ITS PLAN (9)

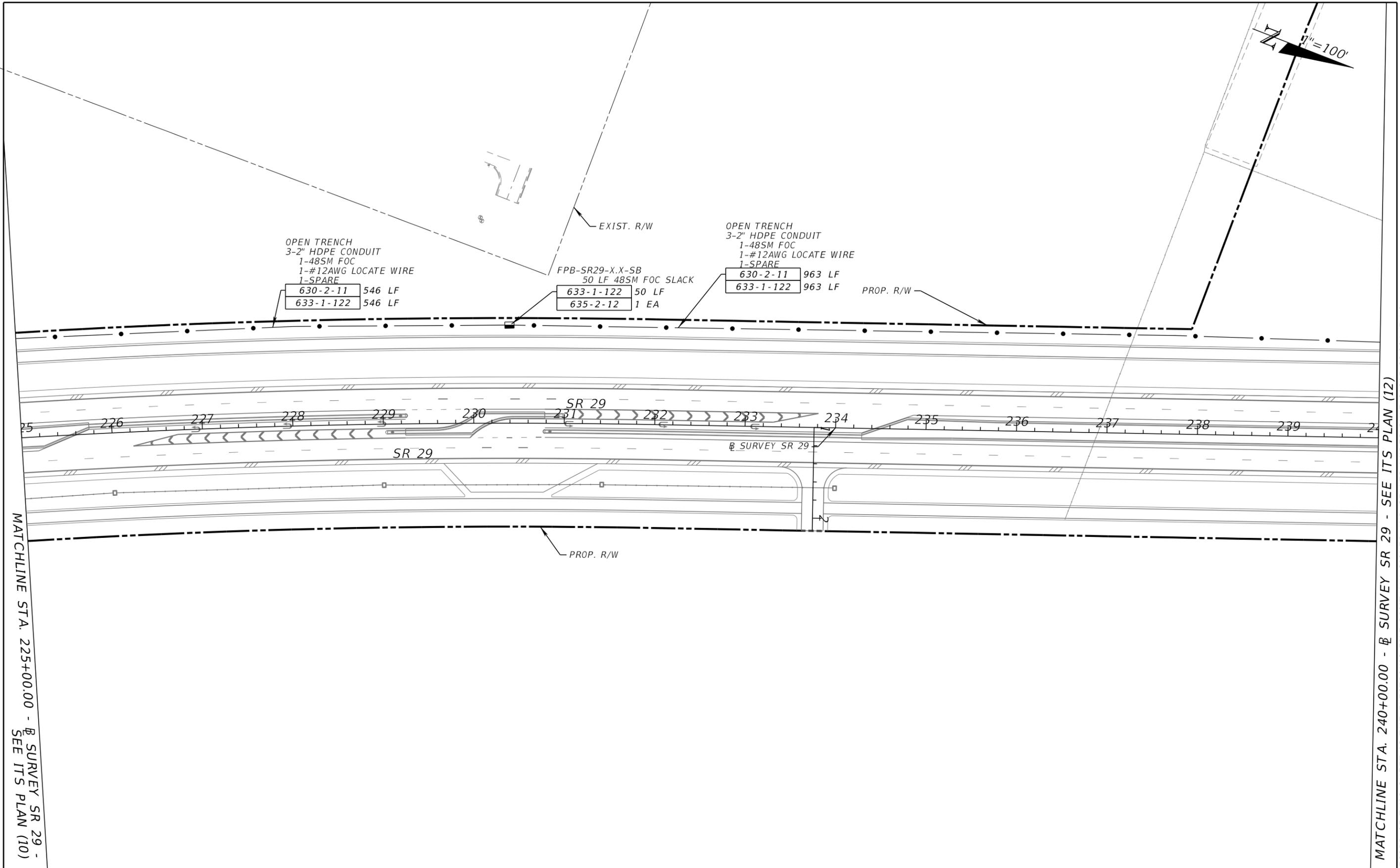
MATCHLINE STA. 225+00.00 -
 SURVEY SR 29 - SEE ITS PLAN (11)

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	CHOWDHURY O. HAIDER, P.E. LICENSE NUMBER: 66783 RS&H, INC. 1715 N. WESTSHORE BLVD., SUITE 600 TAMPA, FL 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 29	COLLIER	417540-5-52-01	

ITS PLAN (10)

T-24

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

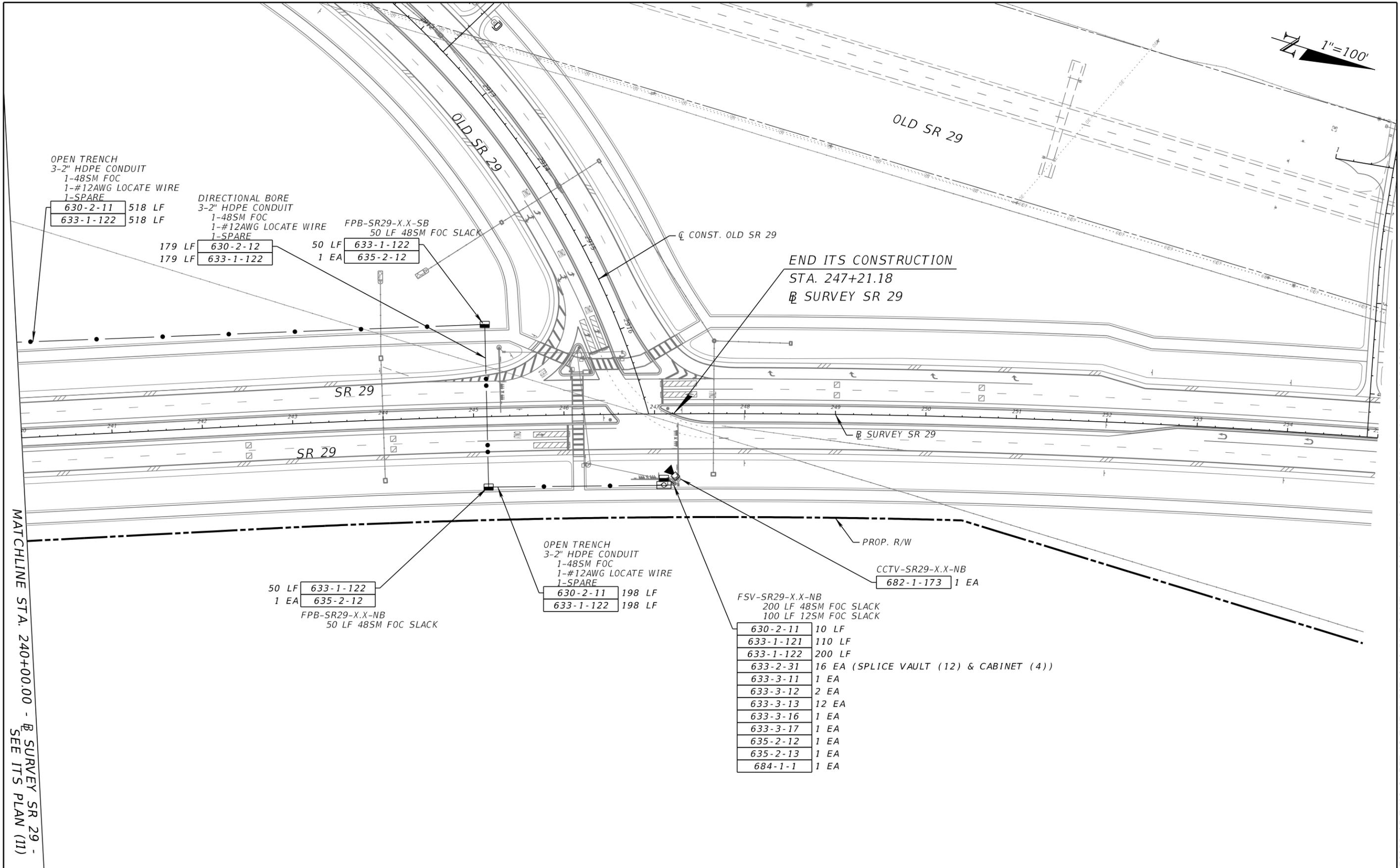


MATCHLINE STA. 225+00.00 - B SURVEY SR 29 - SEE ITS PLAN (10)

MATCHLINE STA. 240+00.00 - B SURVEY SR 29 - SEE ITS PLAN (12)

<table border="1"> <thead> <tr> <th colspan="2">REVISIONS</th> <th colspan="2">ENGINEER OF RECORD</th> </tr> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>				REVISIONS		ENGINEER OF RECORD		DATE	DESCRIPTION	DATE	DESCRIPTION					<p style="text-align: center;">STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION</p> <table border="1"> <tr> <th>ROAD NO.</th> <th>COUNTY</th> <th>FINANCIAL PROJECT ID</th> </tr> <tr> <td>SR 29</td> <td>COLLIER</td> <td>417540-5-52-01</td> </tr> </table>			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	SR 29	COLLIER	417540-5-52-01	<p>ITS PLAN (11)</p>		<p>SHEET NO.</p> <p style="text-align: center;">T-25</p>
REVISIONS		ENGINEER OF RECORD																									
DATE	DESCRIPTION	DATE	DESCRIPTION																								
ROAD NO.	COUNTY	FINANCIAL PROJECT ID																									
SR 29	COLLIER	417540-5-52-01																									

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OPEN TRENCH
 3-2" HDPE CONDUIT
 1-48SM FOC
 1-#12AWG LOCATE WIRE
 1-SPARE
 630-2-11 518 LF
 633-1-122 518 LF

DIRECTIONAL BORE
 3-2" HDPE CONDUIT
 1-48SM FOC
 1-#12AWG LOCATE WIRE
 1-SPARE
 179 LF 630-2-12
 179 LF 633-1-122

FPB-SR29-X.X-SB
 50 LF 48SM FOC SLACK
 50 LF 633-1-122
 1 EA 635-2-12

END ITS CONSTRUCTION
 STA. 247+21.18
 SURVEY SR 29

50 LF 633-1-122
 1 EA 635-2-12
 FPB-SR29-X.X-NB
 50 LF 48SM FOC SLACK

OPEN TRENCH
 3-2" HDPE CONDUIT
 1-48SM FOC
 1-#12AWG LOCATE WIRE
 1-SPARE
 630-2-11 198 LF
 633-1-122 198 LF

FSV-SR29-X.X-NB
 200 LF 48SM FOC SLACK
 100 LF 12SM FOC SLACK

630-2-11	10 LF
633-1-121	110 LF
633-1-122	200 LF
633-2-31	16 EA (SPLICE VAULT (12) & CABINET (4))
633-3-11	1 EA
633-3-12	2 EA
633-3-13	12 EA
633-3-16	1 EA
633-3-17	1 EA
635-2-12	1 EA
635-2-13	1 EA
684-1-1	1 EA

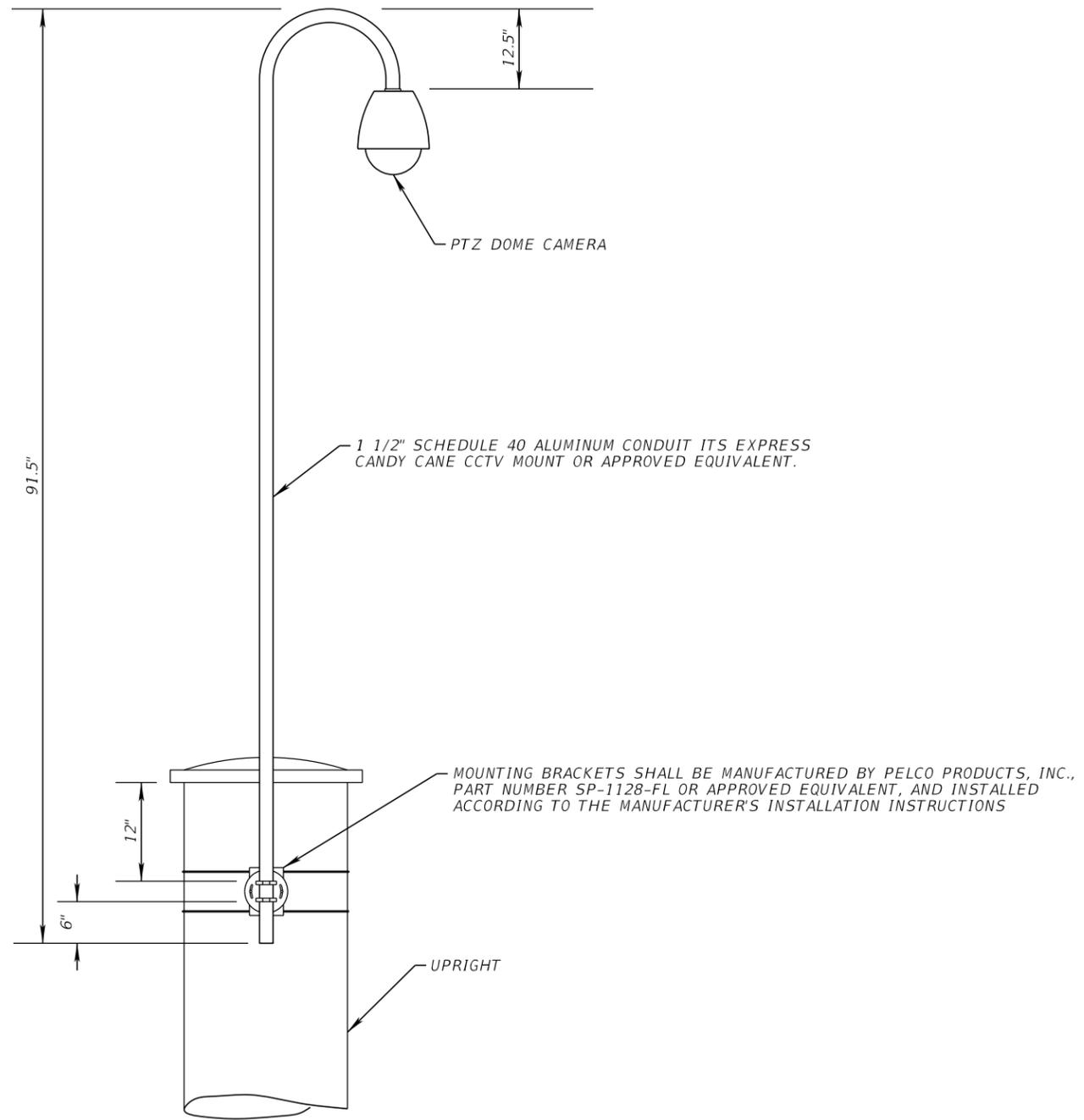
CCTV-SR29-X.X-NB
 682-1-173 1 EA

MATCHLINE STA. 240+00.00 - SURVEY SR 29 - SEE ITS PLAN (11)

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	CHOWDHURY O. HAIDER, P.E. LICENSE NUMBER: 66783 RS&H, INC. 1715 N. WESTSHORE BLVD., SUITE 600 TAMPA, FL 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 29	COLLIER	417540-5-52-01	T-26

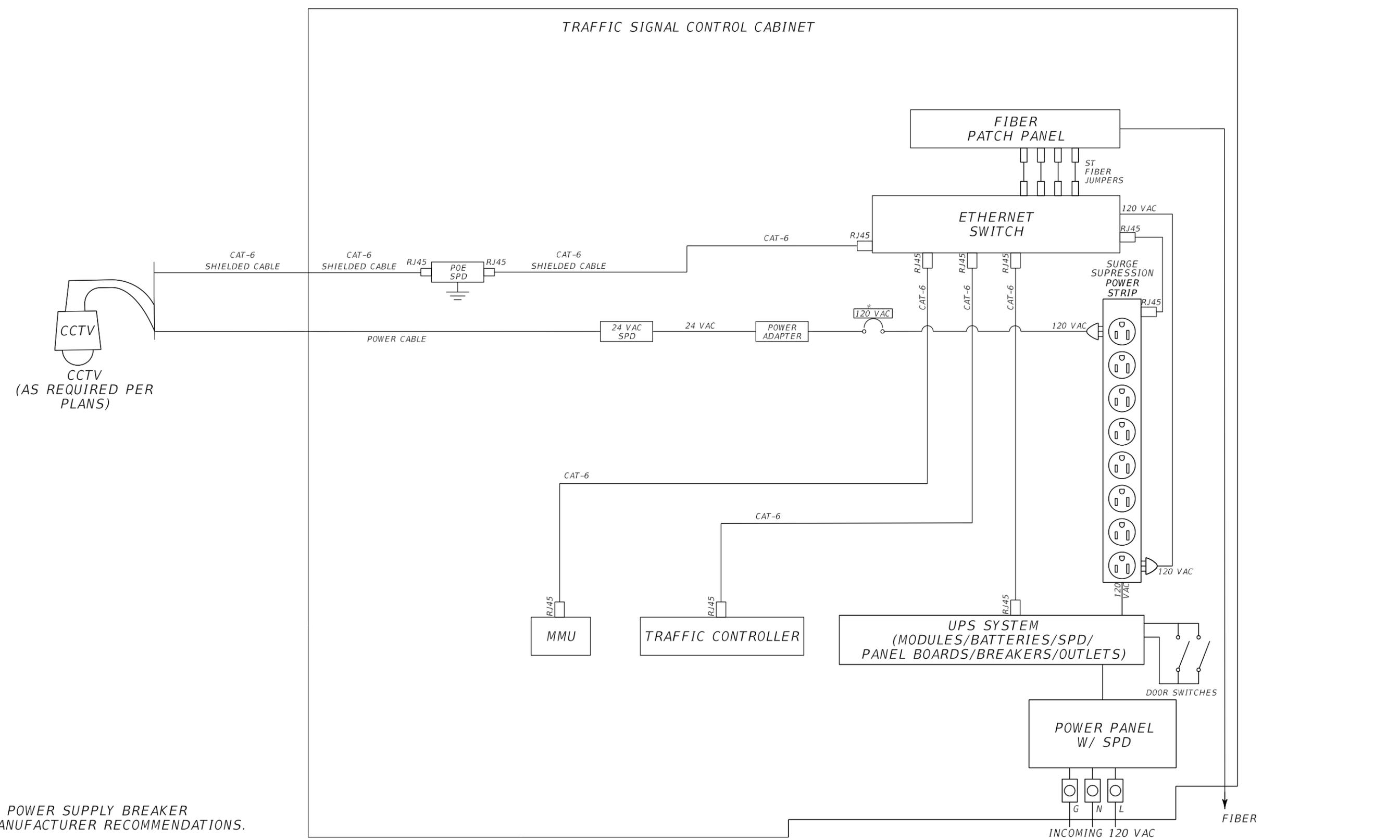
ITS PLAN (12)



UPRIGHT MOUNT

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	CHOWDHURY O. HAIDER, P.E. LICENSE NUMBER: 66783 RS&H, INC. 1715 N. WESTSHORE BLVD., SUITE 600 TAMPA, FL 33607		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 29	COLLIER	417540-5-52-01	CCTV MOUNTING DETAILS T-27

TYPICAL CCTV CONNECTION DIAGRAM



* CCTV POWER SUPPLY BREAKER PER MANUFACTURER RECOMMENDATIONS.

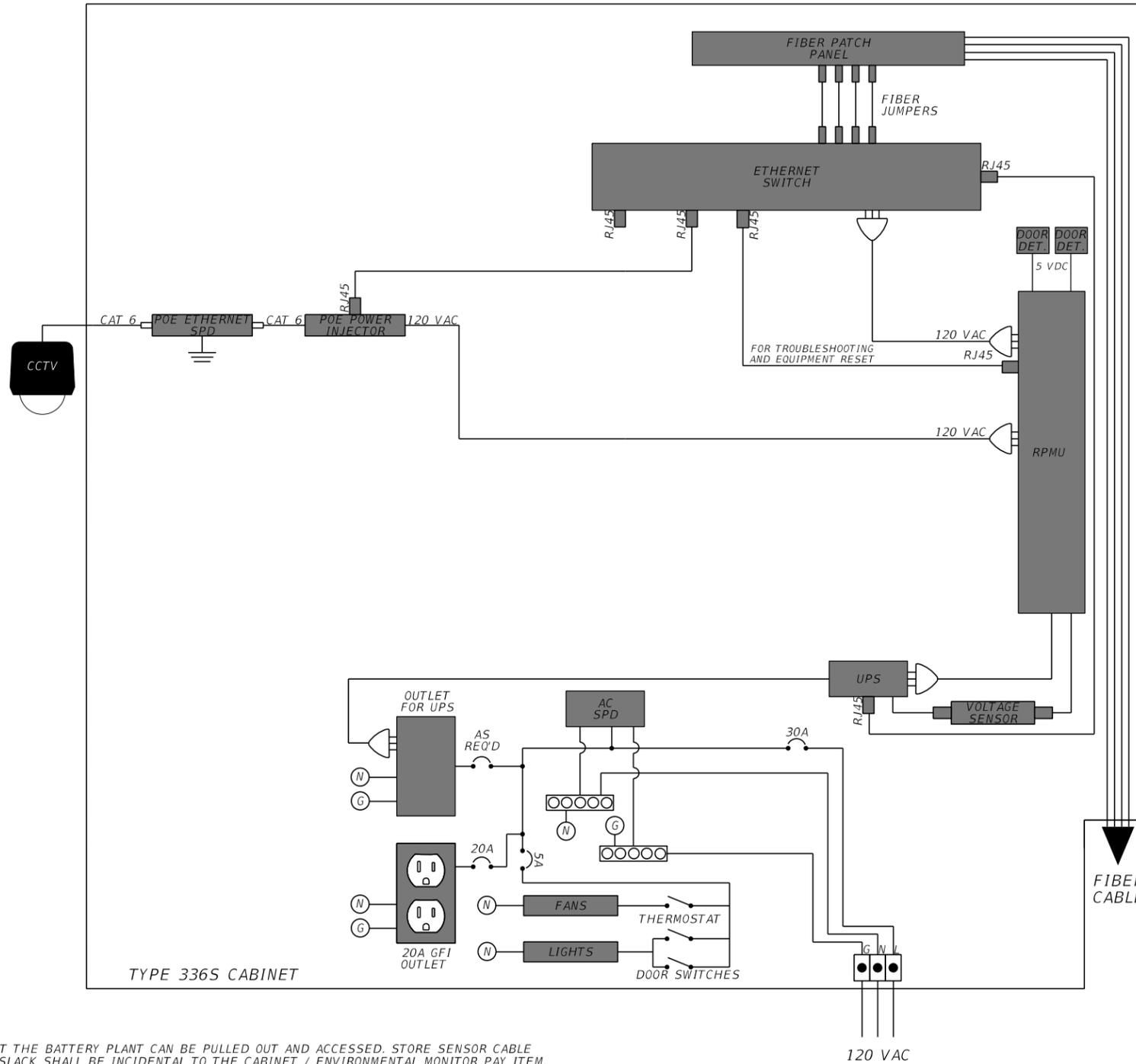
*TRAFFIC SIGNAL COMPONENTS NOT SHOWN FOR CLARITY.

FDOT DISTRICT ONE CCTV

REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CCTV FIELD SITE DIAGRAM		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	CHOWDHURY O. HAIDER, P.E. LICENSE NUMBER: 66783 RS&H, INC. 1715 N. WESTSHORE BLVD., SUITE 600 TAMPA, FL 33607			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	CCTV FIELD SITE DIAGRAM		T-28
							SR 29	COLLIER	417540-5-52-01			

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

PROPOSED CCTV CONNECTION DIAGRAM

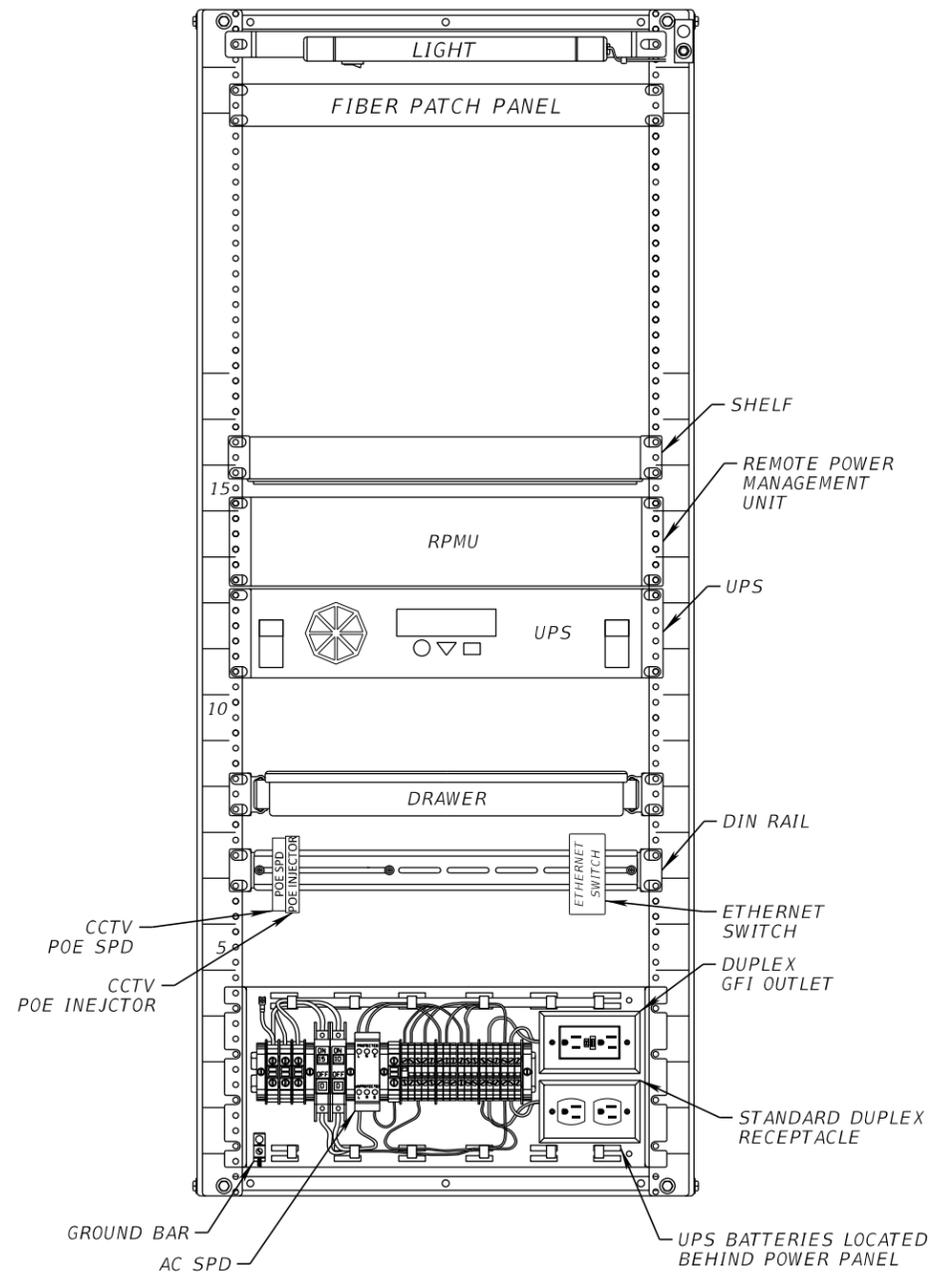


NOTES:

1. ENSURE THAT THERE IS SUFFICIENT SLACK IN THE CABLE SO THAT THE BATTERY PLANT CAN BE PULLED OUT AND ACCESSED. STORE SENSOR CABLE SLACK INSIDE UPS BATTERY TRAY. COST FOR UPS BATTERY PLANT SLACK SHALL BE INCIDENTAL TO THE CABINET / ENVIRONMENTAL MONITOR PAY ITEM.
2. INSTALL DRY CONTACT AND WIRING CAPABLE OF REMOTE SNMP COMMUNICATIONS AS DIRECTED IN PLANS.

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
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								SR 29	COLLIER

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336S CABINET - POLE MOUNTED

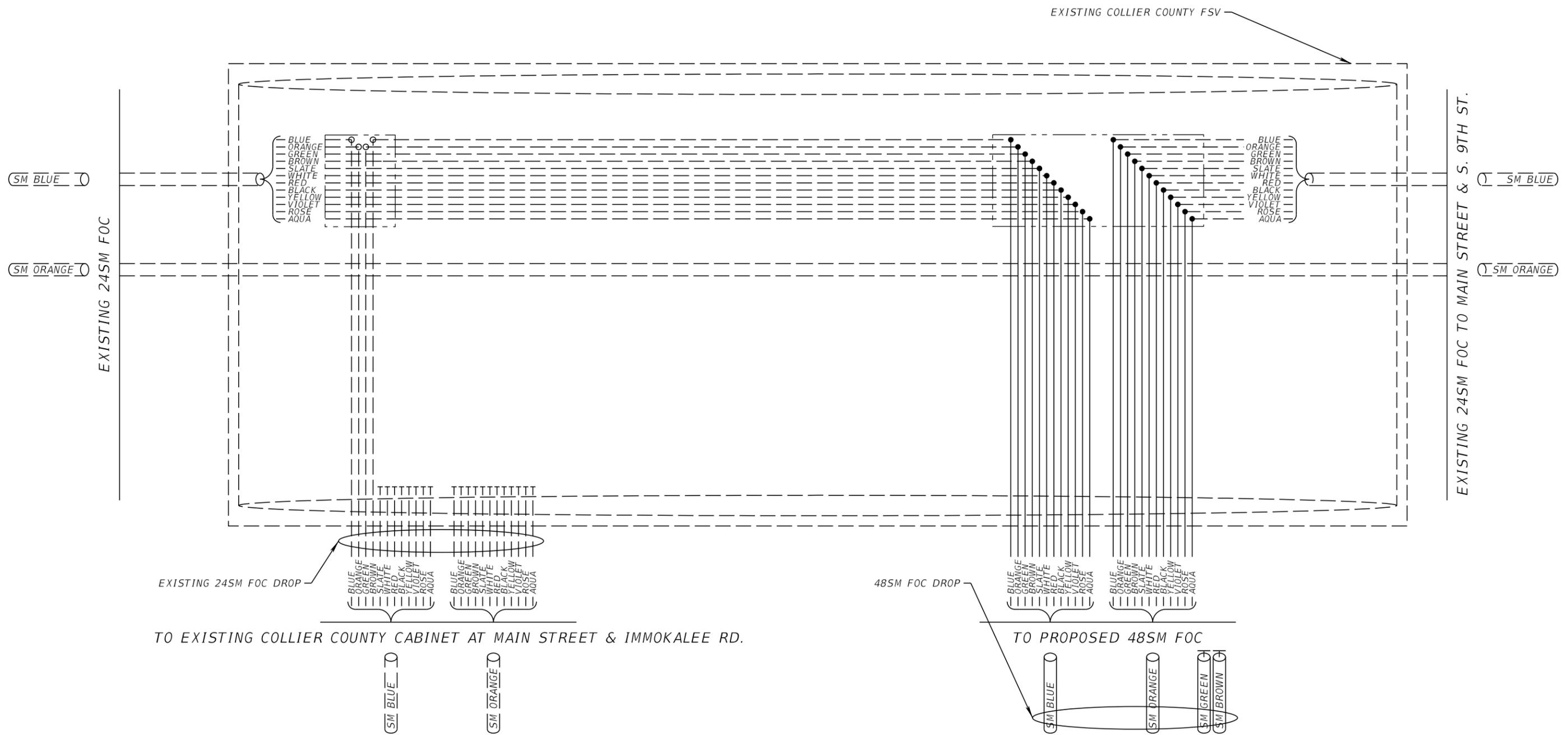
1-CCTV
 CCTV-SR29-X.X-NB
 STA. 147+00, 71.00' RT

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
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						SR 29	COLLIER	417540-5-52-01	CABINET DETAILS T-30

NOTES:
 1. THE CONTRACTOR SHALL USE PRELOADED SC DUPLEX SINGLE MODE, 12-PORT SPLICE CASSETTE WITH PRE-ROUTED FACTORY POLISHED FIBER PIGTAILS AND INTEGRAL SPLICE TRAY.

LEGEND

- FUSION SPLICE (PROPOSED)
- FUSION SPLICE (EXISTING)
- BUTT-END SPLICE
- └ UNDERMINATED FIBER
- FIBER
- EXISTING FIBER
- - - MULTICONDUCTOR CABLE
- (SM BLUE) BUFFER TUBE
- ETHERNET SWITCH
- POE INJECTOR
- CCTV
- PRETERMINATED PATCH PANEL (SC)

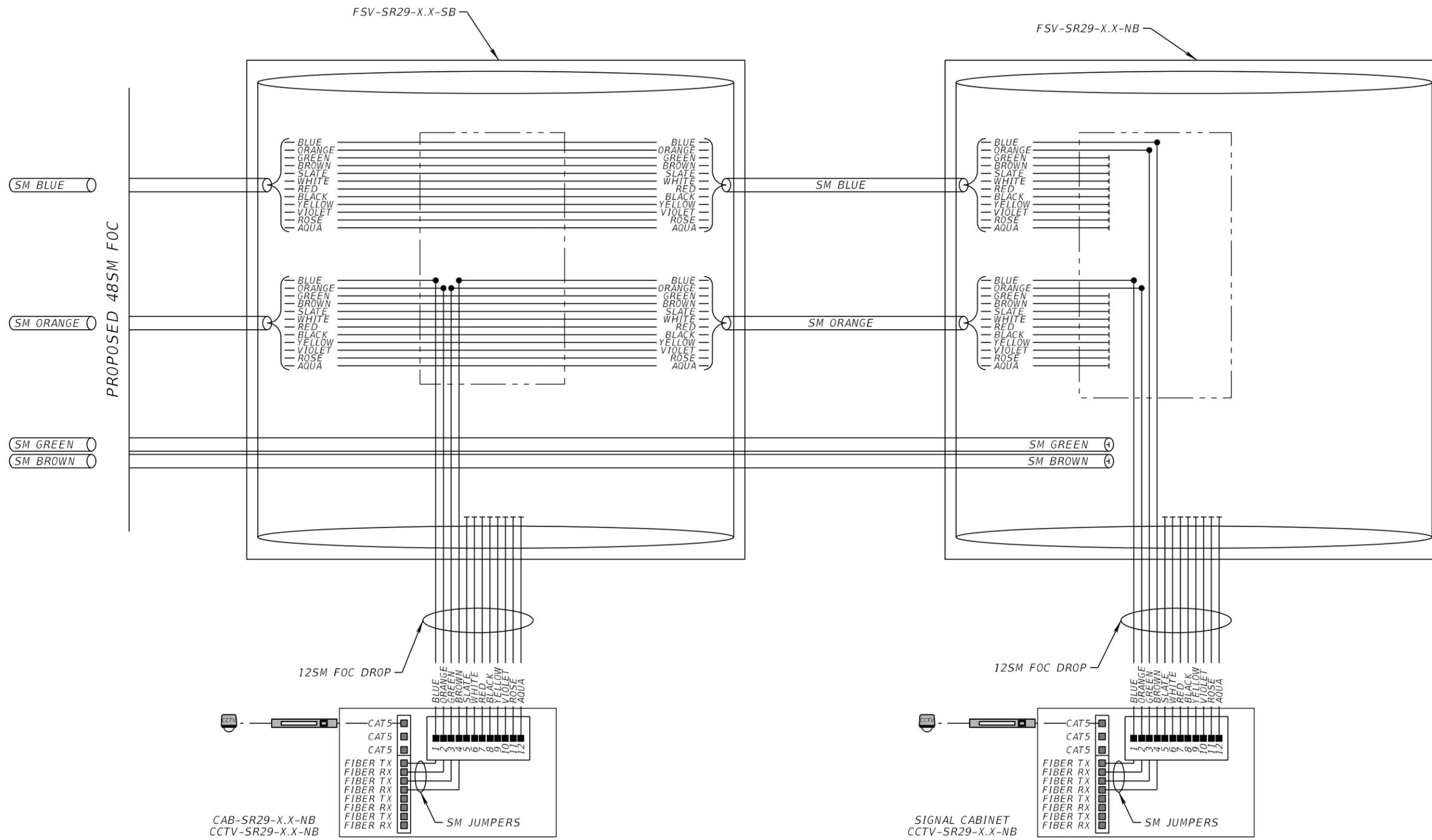
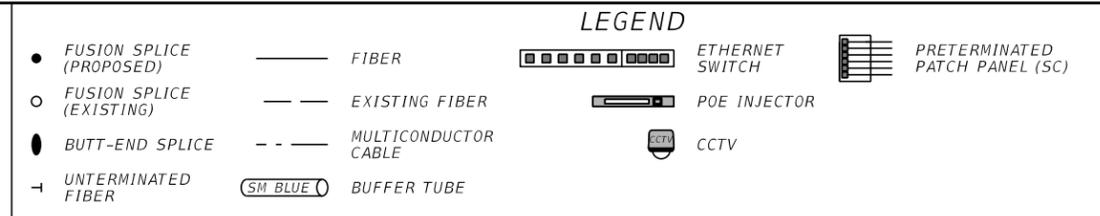


REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
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							SR 29	COLLIER	417540-5-52-01	T-31

SPLICING DIAGRAM (1)

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

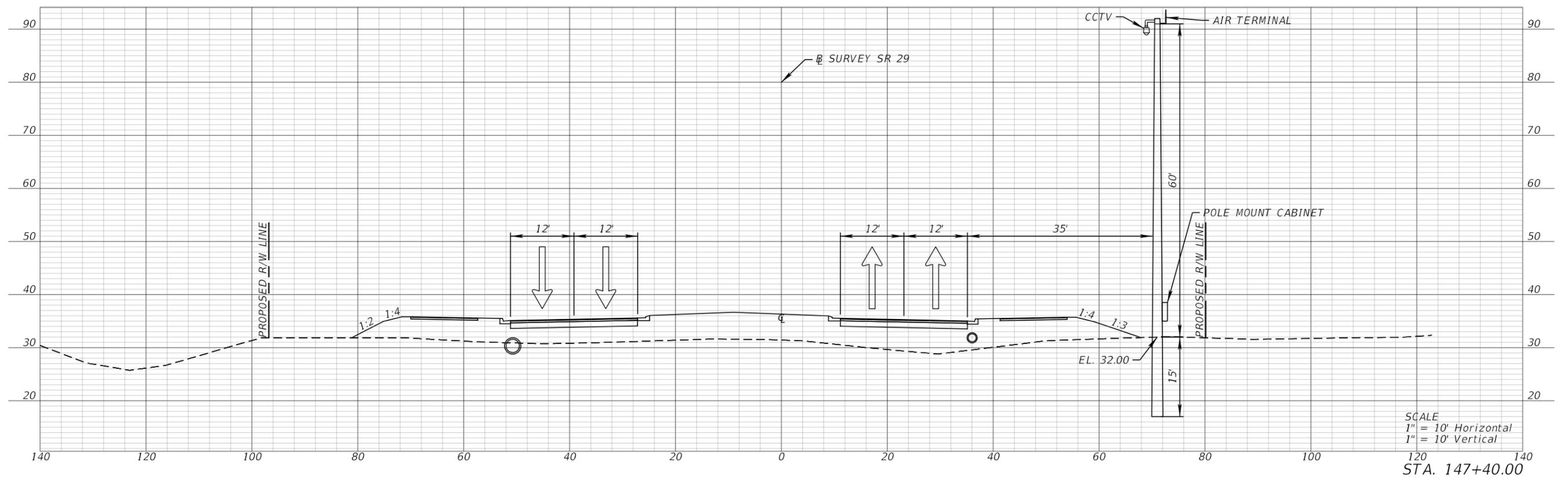
NOTES:
 1. THE CONTRACTOR SHALL USE PRELOADED SC DUPLEX SINGLE MODE, 12-PORT SPLICE CASSETTE WITH PRE-ROUTED FACTORY POLISHED FIBER PIGTAILS AND INTEGRAL SPLICE TRAY.



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
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						SR 29	COLLIER	417540-5-52-01	T-32

SPLICING DIAGRAM (2)

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SCALE
 1" = 10' Horizontal
 1" = 10' Vertical
 STA. 147+40.00

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
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						SR 29	COLLIER	417540-5-52-01	ITS CROSS SECTION T-33

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