

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

FINAL AS-BUILT PLANS
~~CONTRACT PLANS~~

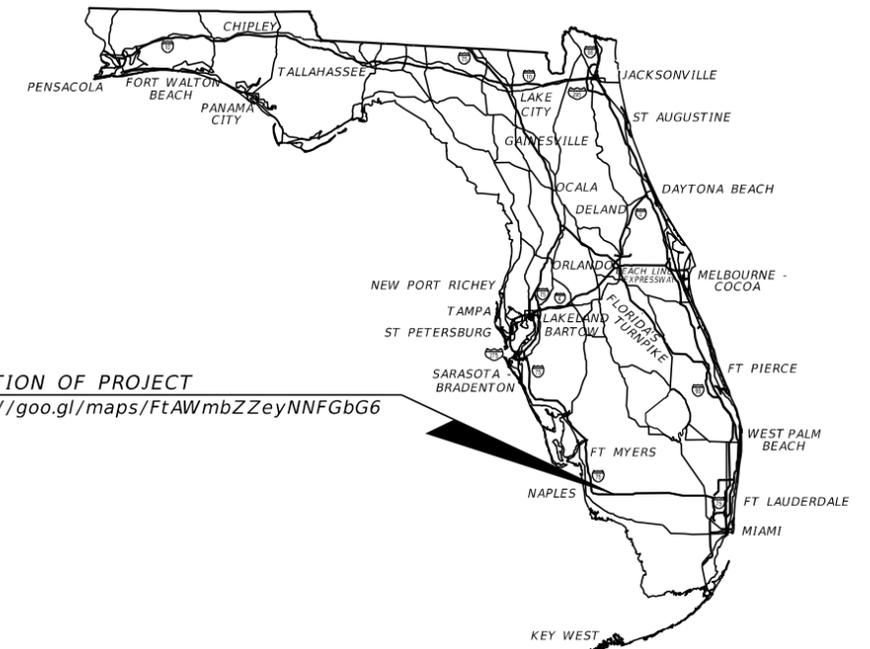
FINANCIAL PROJECT ID 444008-3-52-01

COLLIER COUNTY (03175)
STATE ROAD NO. 93 (INTERSTATE 75)

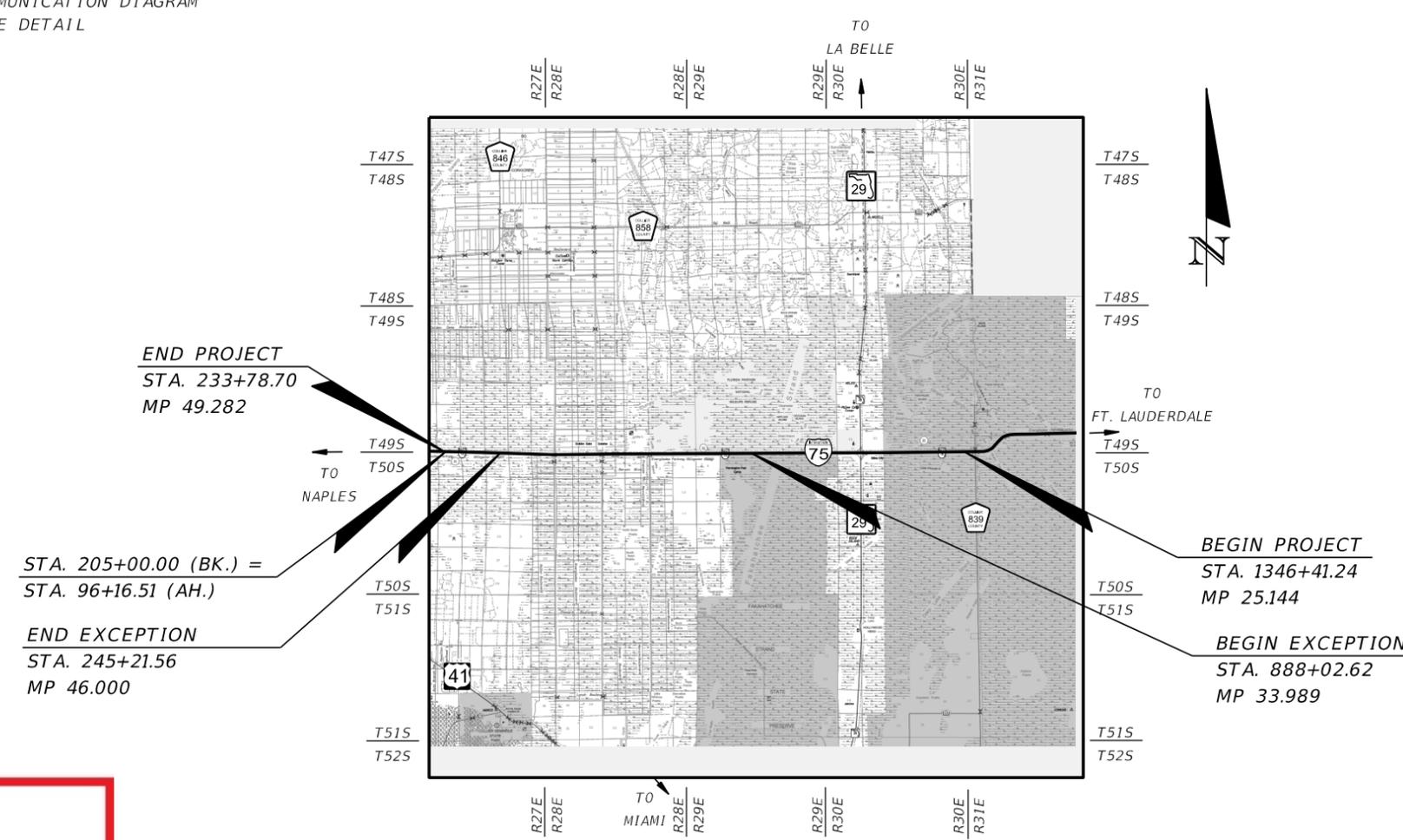
INTELLIGENT TRANSPORTATION
SYSTEMS (ITS) PLANS

INDEX OF INTELLIGENT TRANSPORTATION
SYSTEMS (ITS) PLANS

SHEET NO.	SHEET DESCRIPTION
IT-1	KEY SHEET
IT-2	SIGNATURE SHEET
IT-3 - IT-6	TABULATION OF QUANTITIES
IT-7	GENERAL NOTES
IT-8 - IT-33	INTELLIGENT TRANSPORTATION SYSTEMS PLANS
IT-34 - IT-40	WWVDS DETAIL
IT-41	SPLICE DIAGRAM
IT-42	WWVDS NETWORK COMMUNICATION DIAGRAM
IT-43 - IT-44	ELECTRICAL SERVICE DETAIL



LOCATION OF PROJECT
<https://goo.gl/maps/FtAWmbZZeyNNFGbG6>



INTELLIGENT TRANSPORTATION
SYSTEMS (ITS) PLANS
ENGINEER OF RECORD:

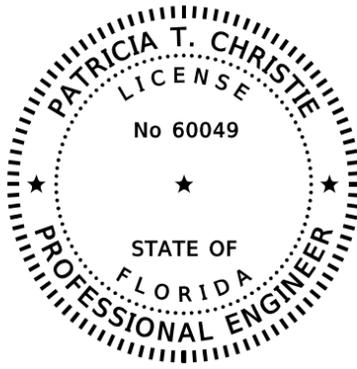
PATRICIA T. CHRISTIE, P.E. NO.: 60049
FALLER, DAVIS & ASSOCIATES, INC.
4200 W. CYPRESS ST., SUITE 500
TAMPA, FLORIDA 33607-4168
(813) 261-5136
CONTRACT NO. CA632
VENDOR NO. F592594956001

FDOT PROJECT MANAGER:
SEAN PUGH, P.E.

ARC ELECTRIC, INC.
FINAL AS-BUILT PLANS
SUBMITTED BY: OMAR MCFARLANE
DATE: 11/21/2025

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
E1V05	23	IT-1

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



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY



ON THE DATE ADJACENT TO THE SEAL

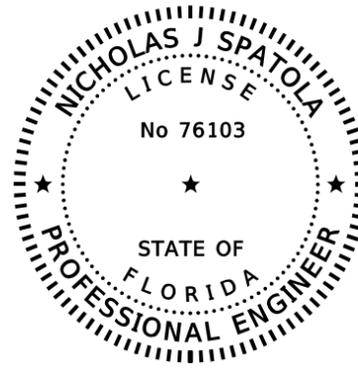
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FALLER, DAVIS & ASSOCIATES, INC.
4200 W. CYPRESS ST., SUITE 500
TAMPA, FLORIDA 33607-4168
PATRICIA T. CHRISTIE, P.E. NO.: 60049

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

INDEX OF INTELLIGENT TRANSPORTATION SYSTEMS (ITS) PLANS

SHEET NO.	SHEET DESCRIPTION
IT-1	KEY SHEET
IT-2	SIGNATURE SHEET
IT-3 - IT-6	TABULATION OF QUANTITIES
IT-7	GENERAL NOTES
IT-8 - IT-33	INTELLIGENT TRANSPORTATION SYSTEMS PLANS



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ON THE DATE ADJACENT TO THE SEAL

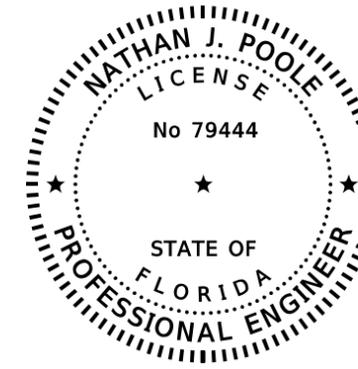
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FALLER, DAVIS & ASSOCIATES, INC.
2301 MAITLAND CENTER PKWY., SUITE 265
MAITLAND, FLORIDA 32751
NICHOLAS J. SPATOLA, P.E. 76103

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

INDEX OF INTELLIGENT TRANSPORTATION SYSTEMS (ITS) PLANS

SHEET NO.	SHEET DESCRIPTION
IT-2	SIGNATURE SHEET
IT-34 - IT-40	WWVDS DETAIL
IT-41	SPLICE DIAGRAM
IT-42	WWVDS NETWORK COMMUNICATION DIAGRAM



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ON THE DATE ADJACENT TO THE SEAL

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VIBE
6914 WEST LINBAUGH AVENUE
TAMPA, FL 33625
NATHAN J. POOLE, P.E. 79444

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

INDEX OF INTELLIGENT TRANSPORTATION SYSTEMS (ITS) PLANS

SHEET NO.	SHEET DESCRIPTION
IT-2	SIGNATURE SHEET
IT-43 - IT-44	ELECTRICAL SERVICE DETAIL

ARC ELECTRIC, INC.

FINAL AS-BUILT PLANS

SUBMITTED BY: OMAR MCFARLANE

DATE: 11/21/2025

REVISIONS				FALLER, DAVIS & ASSOCIATES, INC. 4200 W. CYPRESS ST., SUITE 500 TAMPA, FLORIDA 33607-4168 PATRICIA T. CHRISTIE, P.E. NO.: 60049	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNATURE SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		IT-2
					SR 93	COLLIER	444008-3-52-01		

TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS														TOTAL THIS SHEET	
			IT-8		IT-9		IT-10		IT-11		IT-12		IT-13		IT-14		PLAN	FINAL
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL		
611-1-1	ITSFM SUBSURFACE DOCUMENTATION - PROJECT LENGTH	MI																
611-2-2	ITSFM LOCATION DOCUMENTATION - ITS SITE	EA																
630-2-11	CONDUIT (F&I) (OPEN TRENCH)	LF																
630-2-12	CONDUIT (F&I) (DIRECTIONAL BORE)	LF																
633-1-121	FIBER OPTIC CABLE (F&I) (UNDERGROUND) (2-12 FIBERS)	LF																
633-1-124	FIBER OPTIC CABLE (F&I) (UNDERGROUND) (97-144 FIBERS)	LF	490		5880		5860		3385								15615	
633-2-32	FIBER OPTIC CONNECTION (INSTALL) (TERMINATION)	EA																
633-3-14	FIBER OPTIC CONNECTION HARDWARE (F&I) (BUFFER TUBE FAN OUT KIT)	EA																
633-3-16	FIBER OPTIC CONNECTION HARDWARE (F&I) (FIELD TERMINATED PATCH PANEL)	EA																
633-3-46	FIBER OPTIC CONNECTION HARDWARE (RELOCATE) (FIELD TERMINATED PATCH PANEL)	EA																
633-6	FIBER OPTIC CABLE LOCATOR	DA																
633-8-1	MULTI-CONDUCTOR COMMUNICATION CABLE (F&I)	LF																
635-2-11	PULL & SPLICE BOX (F&I) (13" X 24" COVER SIZE)	EA																
635-2-12	PULL & SPLICE BOX (F&I) (24" X 36" COVER SIZE)	EA																
639-1-123	ELECTRICAL POWER SERVICE (F&I) (UNDERGROUND) (METER NOT REQUIRED)	AS																
639-2-1	ELECTRICAL SERVICE WIRE (F&I)	LF																
639-3-11	ELECTRICAL SERVICE DISCONNECT (F&I) (POLE MOUNT)	EA																
639-6-1	ELECTRICAL POWER SERVICE (F&I) (TRANSFORMER)	EA																
641-2-12	PRESTRESSED CONCRETE POLE (F&I) (TYPE P-11A SERVICE POLE)	EA																
660-3-41	VEHICLE DETECTION SYSTEM (MICROWAVE) (RELOCATE CABINET EQUIPMENT)	EA																
660-7-21	VEHICLE DETECTION SYSTEM (WRONG WAY FOR EXIT RAMP) (1 OR 2 LANES) (AC POWERED)	EA																
676-2-122	ITS CABINET (F&I) (POLE MOUNT WITH SUNSHIELD) (336S) (24"W X 46"H X 22"D)	EA																
676-2-143	ITS CABINET (F&I) (BASE MOUNT) (334) (24"W X 66"H X 30"D)	EA																
676-2-600	ITS CABINET (REMOVE)	EA																
682-1-500	ITS CCTV CAMERA (ADJUST/MODIFY)	EA																
684-1-1	MANAGED FIELD ETHERNET SWITCH (F&I)	EA																
684-1-6	MANAGED FIELD ETHERNET SWITCH (REMOVE - CABINET TO REMAIN)	EA																
684-5-4	MEDIA CONVERTER (RELOCATE)	EA																
685-1-11	UNINTERRUPTIBLE POWER SUPPLY (F&I) (LINE INTERACTIVE)	EA																
685-1-12	UNINTERRUPTIBLE POWER SUPPLY (F&I) (ONLINE/DOUBLE CONVERSION)	EA																
685-1-60	UNINTERRUPTIBLE POWER SUPPLY (F&I) (REMOVE - POLE/CABINET TO REMAIN)	EA																
685-2-1	REMOTE POWER MANAGEMENT UNIT - RPMU (F&I)	EA																
700-1-11	SINGLE POST SIGN (F&I) (GROUND MOUNT) (UP TO 12 SF)	AS																
700-1-60	SINGLE POST SIGN (REMOVE)	AS																
700-6-11	HIGHLIGHTED SIGN (F&I) (GROUND MOUNT) (UP TO 12 SF)	AS																
700-13-12	RETROFLECTIVE SIGN STRIP (F&I) (2')	EA																
700-13-15	RETROFLECTIVE SIGN STRIP (F&I) (5')	EA																

ARC ELECTRIC, INC.
FINAL AS-BUILT PLANS
SUBMITTED BY: OMAR MCFARLANE
DATE: 11/21/2025

REVISIONS				FALLER, DAVIS & ASSOCIATES, INC. 4200 W. CYPRESS ST., SUITE 500 TAMPA, FLORIDA 33607-4168 PATRICIA T. CHRISTIE, P.E. NO.: 60049	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TABULATION OF QUANTITIES (1)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		IT-3
					SR 93	COLLIER	444008-3-52-01		

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

TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS														TOTAL THIS SHEET	
			IT-15		IT-16		IT-17		IT-18		IT-19		IT-20		IT-21		PLAN	FINAL
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL				
611-1-1	ITSFM SUBSURFACE DOCUMENTATION - PROJECT LENGTH	MI																
611-2-2	ITSFM LOCATION DOCUMENTATION - ITS SITE	EA																
630-2-11	CONDUIT (F&I) (OPEN TRENCH)	LF																
630-2-12	CONDUIT (F&I) (DIRECTIONAL BORE)	LF																
633-1-121	FIBER OPTIC CABLE (F&I) (UNDERGROUND) (2-12 FIBERS)	LF																
633-1-124	FIBER OPTIC CABLE (F&I) (UNDERGROUND) (97-144 FIBERS)	LF																
633-2-32	FIBER OPTIC CONNECTION (INSTALL) (TERMINATION)	EA																
633-3-14	FIBER OPTIC CONNECTION HARDWARE (F&I) (BUFFER TUBE FAN OUT KIT)	EA																
633-3-16	FIBER OPTIC CONNECTION HARDWARE (F&I) (FIELD TERMINATED PATCH PANEL)	EA																
633-3-46	FIBER OPTIC CONNECTION HARDWARE (RELOCATE) (FIELD TERMINATED PATCH PANEL)	EA																
633-6	FIBER OPTIC CABLE LOCATOR	DA																
633-8-1	MULTI-CONDUCTOR COMMUNICATION CABLE (F&I)	LF																
635-2-11	PULL & SPLICE BOX (F&I) (13" X 24" COVER SIZE)	EA																
635-2-12	PULL & SPLICE BOX (F&I) (24" X 36" COVER SIZE)	EA																
639-1-123	ELECTRICAL POWER SERVICE (F&I) (UNDERGROUND) (METER NOT REQUIRED)	AS																
639-2-1	ELECTRICAL SERVICE WIRE (F&I)	LF																
639-3-11	ELECTRICAL SERVICE DISCONNECT (F&I) (POLE MOUNT)	EA																
639-6-1	ELECTRICAL POWER SERVICE (F&I) (TRANSFORMER)	EA																
641-2-12	PRESTRESSED CONCRETE POLE (F&I) (TYPE P-11A SERVICE POLE)	EA																
660-3-41	VEHICLE DETECTION SYSTEM (MICROWAVE) (RELOCATE CABINET EQUIPMENT)	EA																
660-7-21	VEHICLE DETECTION SYSTEM (WRONG WAY FOR EXIT RAMP) (1 OR 2 LANES) (AC POWERED)	EA																
676-2-122	ITS CABINET (F&I) (POLE MOUNT WITH SUNSHIELD) (336S) (24"W X 46"H X 22"D)	EA																
676-2-143	ITS CABINET (F&I) (BASE MOUNT) (334) (24"W X 66"H X 30"D)	EA																
676-2-600	ITS CABINET (REMOVE)	EA																
682-1-500	ITS CCTV CAMERA (ADJUST/MODIFY)	EA																
684-1-1	MANAGED FIELD ETHERNET SWITCH (F&I)	EA																
684-1-6	MANAGED FIELD ETHERNET SWITCH (REMOVE - CABINET TO REMAIN)	EA																
684-5-4	MEDIA CONVERTER (RELOCATE)	EA																
685-1-11	UNINTERRUPTIBLE POWER SUPPLY (F&I) (LINE INTERACTIVE)	EA																
685-1-12	UNINTERRUPTIBLE POWER SUPPLY (F&I) (ONLINE/DOUBLE CONVERSION)	EA																
685-1-60	UNINTERRUPTIBLE POWER SUPPLY (F&I) (REMOVE - POLE/CABINET TO REMAIN)	EA																
685-2-1	REMOTE POWER MANAGEMENT UNIT - RPMU (F&I)	EA																
700-1-11	SINGLE POST SIGN (F&I) (GROUND MOUNT) (UP TO 12 SF)	AS																
700-1-60	SINGLE POST SIGN (REMOVE)	AS																
700-6-11	HIGHLIGHTED SIGN (F&I) (GROUND MOUNT) (UP TO 12 SF)	AS																
700-13-12	RETROFLECTIVE SIGN STRIP (F&I) (2')	EA																
700-13-15	RETROFLECTIVE SIGN STRIP (F&I) (5')	EA																

ARC ELECTRIC, INC.
FINAL AS-BUILT PLANS
SUBMITTED BY: OMAR MCFARLANE
DATE: 11/21/2025

REVISIONS				FALLER, DAVIS & ASSOCIATES, INC. 4200 W. CYPRESS ST., SUITE 500 TAMPA, FLORIDA 33607-4168 PATRICIA T. CHRISTIE, P.E. NO.: 60049	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TABULATION OF QUANTITIES (2)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		IT-4
					SR 93	COLLIER	444008-3-52-01		

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TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS														TOTAL THIS SHEET	
			IT-22		IT-23		IT-24		IT-25		IT-26		IT-27		IT-28		PLAN	FINAL
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL		
611-1-1	ITSFM SUBSURFACE DOCUMENTATION - PROJECT LENGTH	MI																
611-2-2	ITSFM LOCATION DOCUMENTATION - ITS SITE	EA															1	
630-2-11	CONDUIT (F&I) (OPEN TRENCH)	LF															325	
630-2-12	CONDUIT (F&I) (DIRECTIONAL BORE)	LF															1055	
633-1-121	FIBER OPTIC CABLE (F&I) (UNDERGROUND) (2-12 FIBERS)	LF															1310	
633-1-124	FIBER OPTIC CABLE (F&I) (UNDERGROUND) (97-144 FIBERS)	LF					3920		5660		5915						27285	
633-2-32	FIBER OPTIC CONNECTION (INSTALL) (TERMINATION)	EA															24	
633-3-14	FIBER OPTIC CONNECTION HARDWARE (F&I) (BUFFER TUBE FAN OUT KIT)	EA															2	
633-3-16	FIBER OPTIC CONNECTION HARDWARE (F&I) (FIELD TERMINATED PATCH PANEL)	EA															1	
633-3-46	FIBER OPTIC CONNECTION HARDWARE (RELOCATE) (FIELD TERMINATED PATCH PANEL)	EA															1	
633-6	FIBER OPTIC CABLE LOCATOR	DA															1	
633-8-1	MULTI-CONDUCTOR COMMUNICATION CABLE (F&I)	LF																
635-2-11	PULL & SPLICE BOX (F&I) (13" X 24" COVER SIZE)	EA															3	
635-2-12	PULL & SPLICE BOX (F&I) (24" X 36" COVER SIZE)	EA																
639-1-123	ELECTRICAL POWER SERVICE (F&I) (UNDERGROUND) (METER NOT REQUIRED)	AS															1	
639-2-1	ELECTRICAL SERVICE WIRE (F&I)	LF															1450	
639-3-11	ELECTRICAL SERVICE DISCONNECT (F&I) (POLE MOUNT)	EA															1	
639-6-1	ELECTRICAL POWER SERVICE (F&I) (TRANSFORMER)	EA															1	
641-2-12	PRESTRESSED CONCRETE POLE (F&I) (TYPE P-11A SERVICE POLE)	EA															1	
660-3-41	VEHICLE DETECTION SYSTEM (MICROWAVE) (RELOCATE CABINET EQUIPMENT)	EA															2	
660-7-21	VEHICLE DETECTION SYSTEM (WRONG WAY FOR EXIT RAMP) (1 OR 2 LANES) (AC POWERED)	EA																
676-2-122	ITS CABINET (F&I) (POLE MOUNT WITH SUNSHIELD) (336S) (24"W X 46"H X 22"D)	EA															1	
676-2-143	ITS CABINET (F&I) (BASE MOUNT) (334) (24"W X 66"H X 30"D)	EA															1	
676-2-600	ITS CABINET (REMOVE)	EA															1	
682-1-500	ITS CCTV CAMERA (ADJUST/MODIFY)	EA															1	
684-1-1	MANAGED FIELD ETHERNET SWITCH (F&I)	EA															1	
684-1-6	MANAGED FIELD ETHERNET SWITCH (REMOVE - CABINET TO REMAIN)	EA															1	
684-5-4	MEDIA CONVERTER (RELOCATE)	EA															2	
685-1-11	UNINTERRUPTIBLE POWER SUPPLY (F&I) (LINE INTERACTIVE)	EA															1	
685-1-12	UNINTERRUPTIBLE POWER SUPPLY (F&I) (ONLINE/DOUBLE CONVERSION)	EA																
685-1-60	UNINTERRUPTIBLE POWER SUPPLY (F&I) (REMOVE - POLE/CABINET TO REMAIN)	EA															1	
685-2-1	REMOTE POWER MANAGEMENT UNIT - RPMU (F&I)	EA																
700-1-11	SINGLE POST SIGN (F&I) (GROUND MOUNT) (UP TO 12 SF)	AS																
700-1-60	SINGLE POST SIGN (REMOVE)	AS																
700-6-11	HIGHLIGHTED SIGN (F&I) (GROUND MOUNT) (UP TO 12 SF)	AS																
700-13-12	RETROFLECTIVE SIGN STRIP (F&I) (2')	EA																
700-13-15	RETROFLECTIVE SIGN STRIP (F&I) (5')	EA																

ARC ELECTRIC, INC.
FINAL AS-BUILT PLANS
SUBMITTED BY: OMAR MCFARLANE
DATE: 11/21/2025

REVISIONS				FALLER, DAVIS & ASSOCIATES, INC. 4200 W. CYPRESS ST., SUITE 500 TAMPA, FLORIDA 33607-4168 PATRICIA T. CHRISTIE, P.E. NO.: 60049	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TABULATION OF QUANTITIES (3)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 93	COLLIER	444008-3-52-01		IT-5

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TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS												TOTAL THIS SHEET		GRAND TOTAL	
			IT-29		IT-30		IT-31		IT-32		IT-33		PLAN	FINAL	PLAN	FINAL		
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL						
611-1-1	ITSFM SUBSURFACE DOCUMENTATION - PROJECT LENGTH	MI																12.050
611-2-2	ITSFM LOCATION DOCUMENTATION - ITS SITE	EA							1		1						2	3
630-2-11	CONDUIT (F&I) (OPEN TRENCH)	LF							450		470						920	1245
630-2-12	CONDUIT (F&I) (DIRECTIONAL BORE)	LF							255		355						610	1665
633-1-121	FIBER OPTIC CABLE (F&I) (UNDERGROUND) (2-12 FIBERS)	LF							220		320						540	1850
633-1-124	FIBER OPTIC CABLE (F&I) (UNDERGROUND) (97-144 FIBERS)	LF	5910		5860		3005										14775	57675
633-2-32	FIBER OPTIC CONNECTION (INSTALL) (TERMINATION)	EA							12		12						24	48
633-3-14	FIBER OPTIC CONNECTION HARDWARE (F&I) (BUFFER TUBE FAN OUT KIT)	EA							1		1						2	4
633-3-16	FIBER OPTIC CONNECTION HARDWARE (F&I) (FIELD TERMINATED PATCH PANEL)	EA							1		1						2	3
633-3-46	FIBER OPTIC CONNECTION HARDWARE (RELOCATE) (FIELD TERMINATED PATCH PANEL)	EA																1
633-6	FIBER OPTIC CABLE LOCATOR	DA																350
633-8-1	MULTI-CONDUCTOR COMMUNICATION CABLE (F&I)	LF							380		385						765	765
635-2-11	PULL & SPLICE BOX (F&I) (13" X 24" COVER SIZE)	EA							6		6						12	15
635-2-12	PULL & SPLICE BOX (F&I) (24" X 36" COVER SIZE)	EA							1		1						2	2
639-1-123	ELECTRICAL POWER SERVICE (F&I) (UNDERGROUND) (METER NOT REQUIRED)	AS																1
639-2-1	ELECTRICAL SERVICE WIRE (F&I)	LF							395		525						920	2370
639-3-11	ELECTRICAL SERVICE DISCONNECT (F&I) (POLE MOUNT)	EA							1		1						2	3
639-6-1	ELECTRICAL POWER SERVICE (F&I) (TRANSFORMER)	EA							1		1						2	3
641-2-12	PRESTRESSED CONCRETE POLE (F&I) (TYPE P-11A SERVICE POLE)	EA							1		1						2	3
660-3-41	VEHICLE DETECTION SYSTEM (MICROWAVE) (RELOCATE CABINET EQUIPMENT)	EA																2
660-7-21	VEHICLE DETECTION SYSTEM (WRONG WAY FOR EXIT RAMP) (1 OR 2 LANES) (AC POWERED)	EA							1		1						2	2
676-2-122	ITS CABINET (F&I) (POLE MOUNT WITH SUNSHIELD) (336S) (24"W X 46"H X 22"D)	EA																1
676-2-143	ITS CABINET (F&I) (BASE MOUNT) (334) (24"W X 66"H X 30"D)	EA							1		1						2	2
676-2-600	ITS CABINET (REMOVE)	EA																1
682-1-500	ITS CCTV CAMERA (ADJUST/MODIFY)	EA																1
684-1-1	MANAGED FIELD ETHERNET SWITCH (F&I)	EA							1		1						2	3
684-1-6	MANAGED FIELD ETHERNET SWITCH (REMOVE - CABINET TO REMAIN)	EA																1
684-5-4	MEDIA CONVERTER (RELOCATE)	EA																2
685-1-11	UNINTERRUPTIBLE POWER SUPPLY (F&I) (LINE INTERACTIVE)	EA																1
685-1-12	UNINTERRUPTIBLE POWER SUPPLY (F&I) (ONLINE/DOUBLE CONVERSION)	EA							1		1						2	2
685-1-60	UNINTERRUPTIBLE POWER SUPPLY (F&I) (REMOVE - POLE/CABINET TO REMAIN)	EA																1
685-2-1	REMOTE POWER MANAGEMENT UNIT - RPMU (F&I)	EA							1		1						2	2
700-1-11	SINGLE POST SIGN (F&I) (GROUND MOUNT) (UP TO 12 SF)	AS							4		4						8	8
700-1-60	SINGLE POST SIGN (REMOVE)	AS							2		2						4	4
700-6-11	HIGHLIGHTED SIGN (F&I) (GROUND MOUNT) (UP TO 12 SF)	AS							4		4						8	8
700-13-12	RETROFLECTIVE SIGN STRIP (F&I) (2')	EA							4		4						8	8
700-13-15	RETROFLECTIVE SIGN STRIP (F&I) (5')	EA							4		4						8	8

ARC ELECTRIC, INC.
FINAL AS-BUILT PLANS
SUBMITTED BY: OMAR MCFARLANE
DATE: 11/21/2025

REVISIONS				FALLER, DAVIS & ASSOCIATES, INC. 4200 W. CYPRESS ST., SUITE 500 TAMPA, FLORIDA 33607-4168 PATRICIA T. CHRISTIE, P.E. NO.: 60049	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TABULATION OF QUANTITIES (4)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		IT-6
					SR 93	COLLIER	444008-3-52-01		

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

GENERAL NOTES:

1. A COPY OF THE COMPLETED ITSFM DATA SHALL BE SUBMITTED FOR REVIEW AT LEAST 4 WEEKS PRIOR TO FINAL ACCEPTANCE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ALL TRAINING AND CERTIFICATIONS NECESSARY TO COLLECT AND SUBMIT THE ITSFM DATA. DOCUMENTATION SHOWING THE NECESSARY TRAINING AND CERTIFICATIONS HAVE BEEN OBTAINED AND/OR SCHEDULED SHALL BE SUBMITTED WITHIN 2 WEEKS OF BEGINNING WORK ON THE FMS INFRASTRUCTURE. CONTACT D1- ITSFM@DOT.STATE.FL.US FOR ITSFM INFORMATION.

AT MINIMUM, THE FOLLOWING ITSFM ATTRIBUTE FORMS SHALL BE COMPLETED:
 ITSFM031, ITSFM040
 ITSFM032, ITSFM041
 ITSFM033, ITSFM042
 ITSFM034, ITSFM043
 ITSFM035, ITSFM056
 ITSFM036, ITSFM057
 ITSFM037, ITSFM058
 ITSFM039, ITSFM061

AT MINIMUM, THE FOLLOWING ITSFM FEATURE IMPORT TEMPLATES SHALL BE COMPLETED:
 ITSFM5001
 ITSFM5002
 ITSFM5004
 ITSFM5005
 ITSFM5006
 ITSFM5007
 ITSFM5015

2. COORDINATE WITH TRANSCORE AT 239-961-3310 TO COORDINATE STATUS OF GENERATOR INSTALLATION AT I-75 AT SR 29 ITS HUB PRIOR TO DISCONNECTION AND CABINET REPLACEMENT.

3. AT THE COMPLETION OF THE PROJECT, PROVIDE AS-BUILT PLANS IN ELECTRONIC FORM (PDF) TO:

FDOT TRAFFIC OPERATIONS
 JUSTIN MERRITT, TSM&O FMS SPECIALIST IV
 801 N. BROADWAY AVE
 P.O. BOX 1249
 BARTOW, FL 33830-1249
 EMAIL: JUSTIN.MERRITT@DOT.STATE.FL.US

4. WEATHERED LIMESTONE/CAPROCK WAS ENCOUNTERED WITHIN SOIL BORINGS. THIS MATERIAL IS ROCK AND IS LOCATED IN SHALLOW DEPTHS. EXCAVATION INTO AND/OR THROUGH LIMESTONE/CAPROCK WILL BE DIFFICULT AND WILL REQUIRE NONCONVENTIONAL CONSTRUCTION TECHNIQUES AND SPECIALIZED EQUIPMENT. LIMESTONE/CAPROCK IS POROUS AND WILL BE DIFFICULT TO DEWATER.

PAY ITEM NOTES:

1. 633-1-124: FIBER OPTIC CABLE BACKBONE TO BE 144-COUNT SM.

THE 144-COUNT SM FIBER TO BE INSTALLED WITHIN THE SPARE ITS CONDUIT.

REEL TO REEL SPLICES FOR THE NEW CABLE SHALL ONLY OCCUR AT EXISTING SPLICE LOCATIONS. NO NEW SPLICE LOCATIONS SHALL BE INTRODUCED SOLELY FOR REEL TO REEL SPLICES.

ALL FIBER OPTIC CONDUIT INSTALLATION SHALL INCLUDE A COMPLETE FACILITY LOCATE MARKING SYSTEM TO INCLUDE:

- ABOVE GROUND ROUTE MARKERS.
- CURB MOUNTED MARKER TABS.
- ELECTRONIC UTILITY LOCATE SYSTEM.
- INSTALL WIRING GROUNDING UNITS (WGU) AT EACH SPLICE VAULT.

2. 633-8-1: PROVIDED CABLE TO BE COMPATIBLE WITH THE WRONG WAY VEHICLE DETECTION SYSTEM (WWVDS) PROPOSED FOR INSTALLATION.

3. 660-7-21: INCLUDES DETECTORS, COMMUNICATION/CONDUIT/CONDUCTORS WITHIN A LOCATION (CONNECTING 2 SIDES OF THE ROADWAY), SMALL ENCLOSURE CABINET, AC CONNECTION, AND ALL MATERIALS, HARDWARE, AND LABOR FOR A COMPLETE WWVDS.

4. 676-2-143: DURING THE CABINET CHANGE-OUT, THE I-75 AT SR 29 ITS HUB SHALL BE OFFLINE FOR NO MORE THAN 8 HOURS. IF THE SITE IS REQUIRED TO BE OFFLINE FOR MORE THAN 8 HOURS, A METHOD OF PROCEDURE SHALL BE DEVELOPED FOR REVIEW AND APPROVAL BY THE DEPARTMENT PRIOR TO BEGINNING THE EFFORT.

INCLUDES RELOCATION AND RECONNECTION OF ALL EXISTING EQUIPMENT.

5. 682-1-500: INCLUDES THE COST OF RELOCATING CCTV CAMERA CABINET EQUIPMENT.

6. 676-2-600: DELIVER ALL REMOVED EQUIPMENT TO TRANSCORE:

ADDRESS: 12821 COMMERCE LAKE DR.
 SUITE 11
 FT. MYERS, FLORIDA 33913

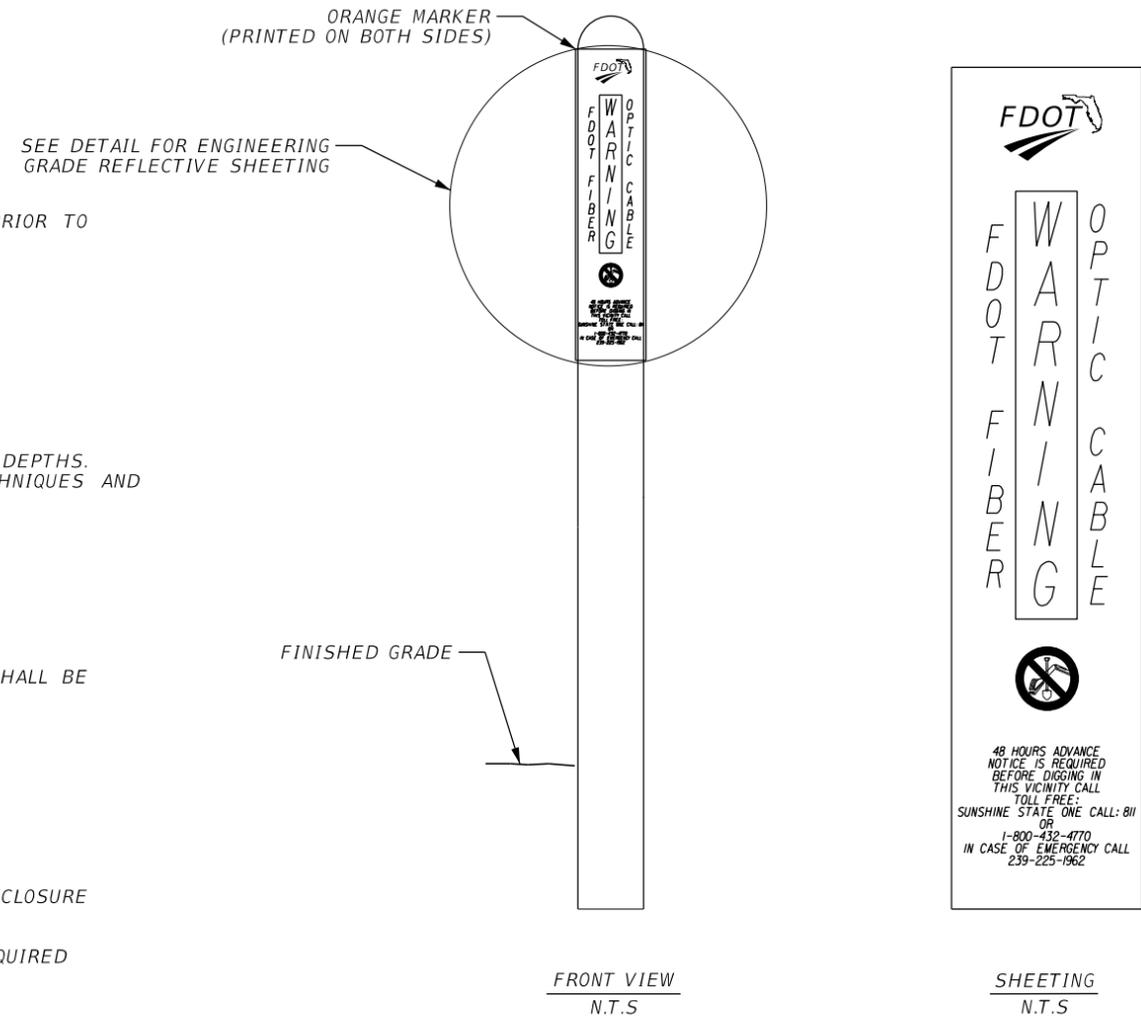
CONTACT: CARLOS OGANDO
 239-989-2473

LEGEND:

- = EXISTING CONDUIT WITH 144-COUNT SM INSTALLED IN THE SPARE
- = PROPOSED DIRECTIONAL BORE CONDUIT
- = PROPOSED OPEN TRENCH CONDUIT

- = EXISTING FIBER OPTIC PULLBOX
- = PROPOSED FIBER OPTIC PULLBOX
- = EXISTING SPLICE VAULT
- = PROPOSED PULLBOX
- = MVDS
- = CCTV
- = PROPOSED WWVDS (WRONG WAY VEHICLE DETECTION SYSTEM)
- = RWIS

FIBER OPTIC CABLE ROUTE MARKER



ARC ELECTRIC, INC.
FINAL AS-BUILT PLANS
SUBMITTED BY: OMAR MCFARLANE
DATE: 11/21/2025

REVISIONS				FALLER, DAVIS & ASSOCIATES, INC. 4200 W. CYPRESS ST., SUITE 500 TAMPA, FLORIDA 33607-4168 PATRICIA T. CHRISTIE, P.E. NO.: 60049	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. IT-7
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 93	COLLIER	444008-3-52-01	

GENERAL NOTES

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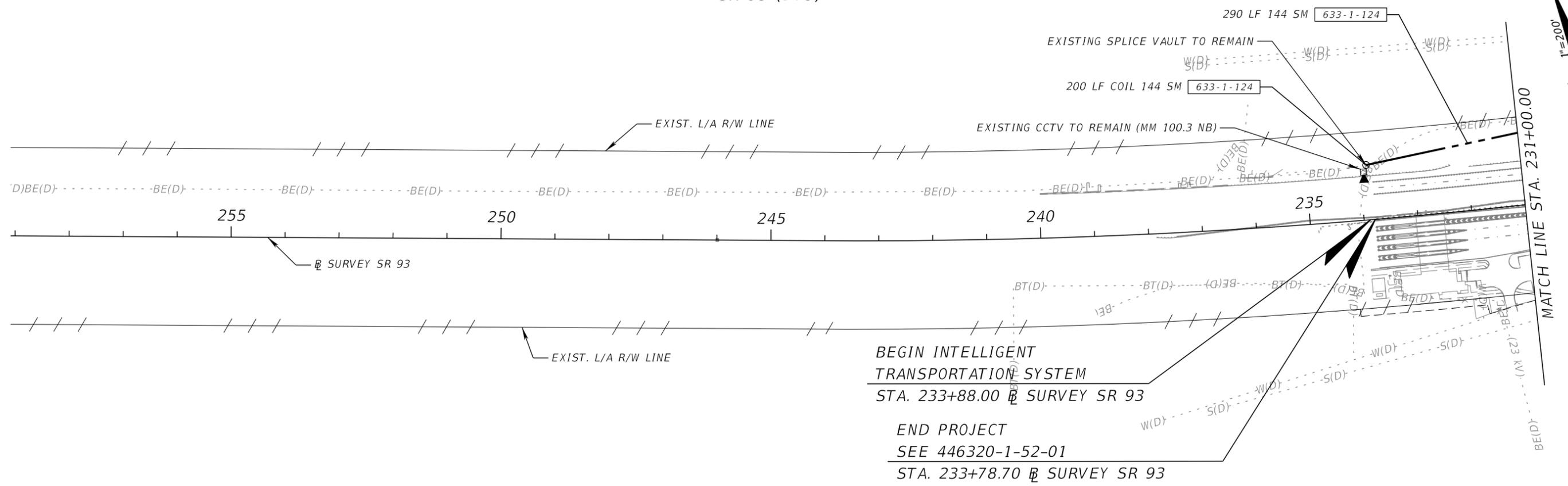
ARC ELECTRIC, INC.

FINAL AS-BUILT PLANS

SUBMITTED BY: OMAR MCFARLANE

DATE: 11/21/2025

SR 93 (I-75)



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

FALLER, DAVIS & ASSOCIATES, INC.
4200 W. CYPRESS ST., SUITE 500
TAMPA, FLORIDA 33607-4168
PATRICIA T. CHRISTIE, P.E. NO.: 60049

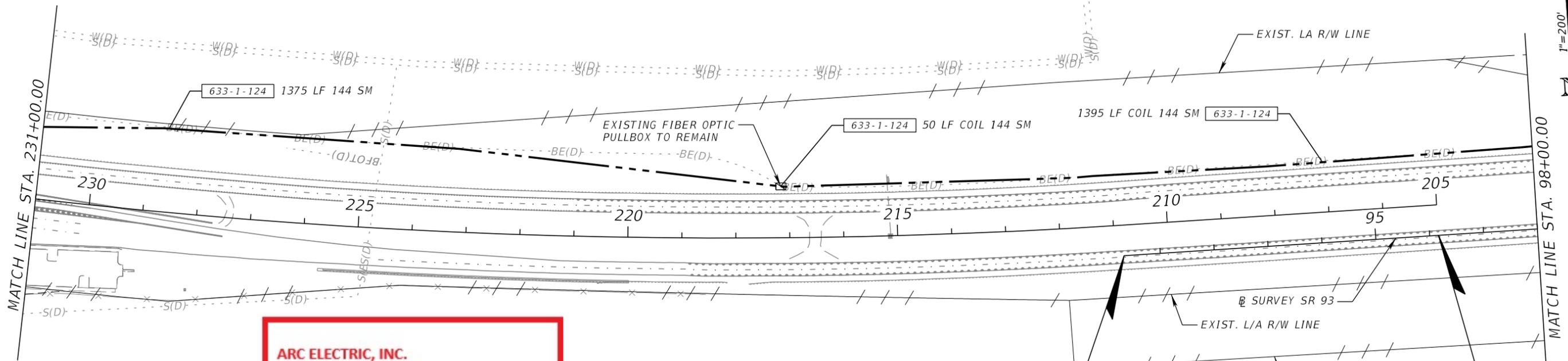
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 93	COLLIER	444008-3-52-01

**INTELLIGENT TRANSPORTATION
SYSTEMS PLANS (1)**

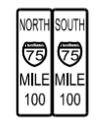
SHEET NO.
IT-8

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SR 93 (I-75)



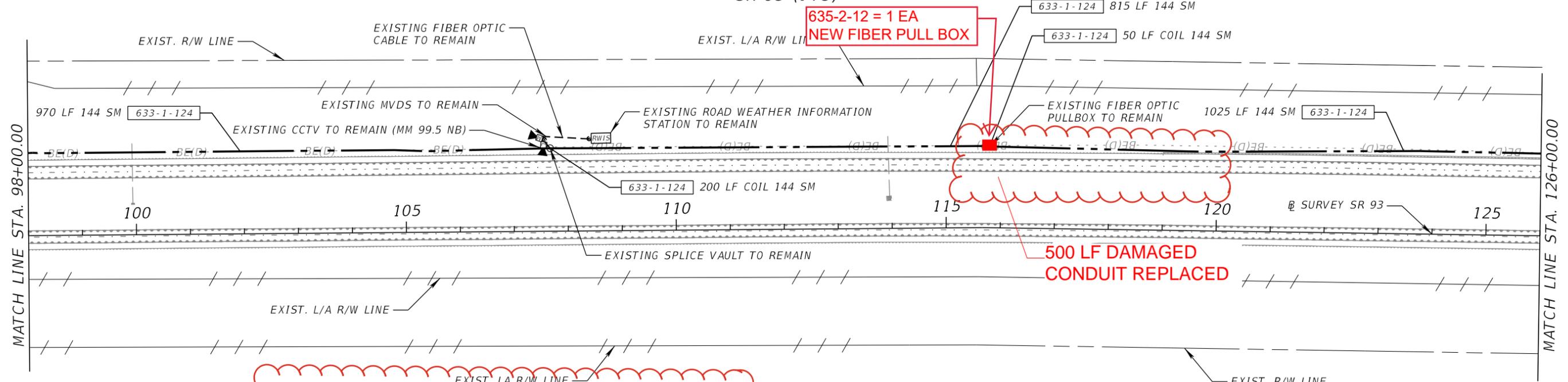
ARC ELECTRIC, INC.
FINAL AS-BUILT PLANS
SUBMITTED BY: OMAR MCFARLANE
DATE: 11/21/2025



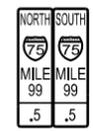
PC STA. 210+83.71, 56.00' (LT.) @ SURVEY SR 93 =
 STA. 90+32.80 @ SURVEY SR 93

STA. 205+00.00 @ SURVEY SR 93 =
 STA. 96+16.51 @ SURVEY SR 93, 56.00' (RT.)

SR 93 (I-75)



Quantities for Pay
 630-2-11 Conduit, F&I, OpenTrench 500 LF
 635-2-12 Pull and Spice Box (24" x 36" Cover) 1 EA



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

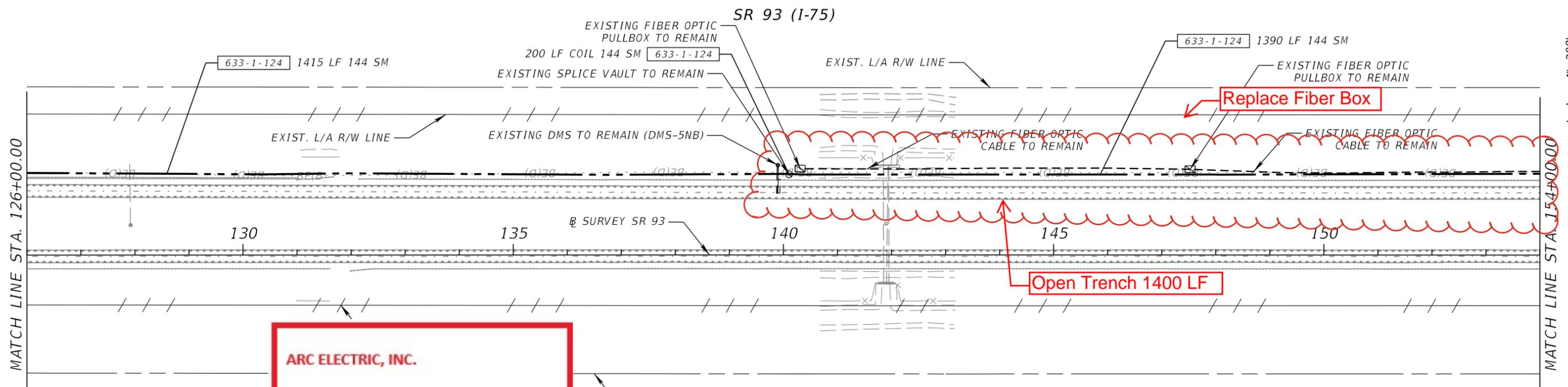
FALLER, DAVIS & ASSOCIATES, INC.
 4200 W. CYPRESS ST., SUITE 500
 TAMPA, FLORIDA 33607-4168
 PATRICIA T. CHRISTIE, P.E. NO.: 60049

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 93	COLLIER	444008-3-52-01

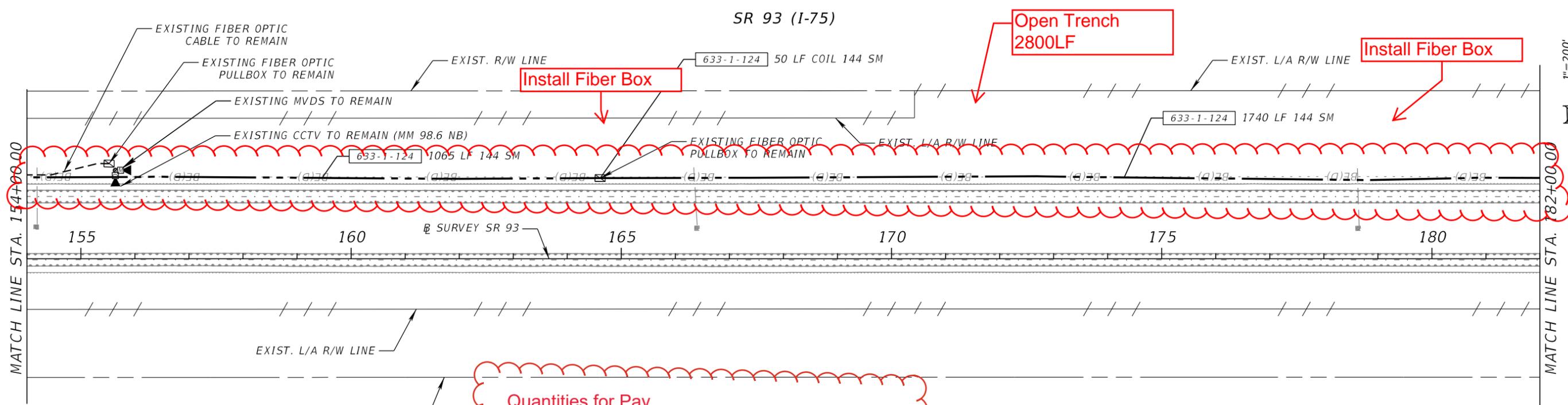
**INTELLIGENT TRANSPORTATION
 SYSTEMS PLANS (2)**

SHEET NO.
 IT-9

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ARC ELECTRIC, INC.
FINAL AS-BUILT PLANS
SUBMITTED BY: OMAR MCFARLANE
DATE: 11/21/2025



Quantities for Pay
630-2-11 Conduit, F&I, Open Trench = 4,200 LF
635-12 Pull & Splice Box (24" x 36" Cover) 3 EA



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

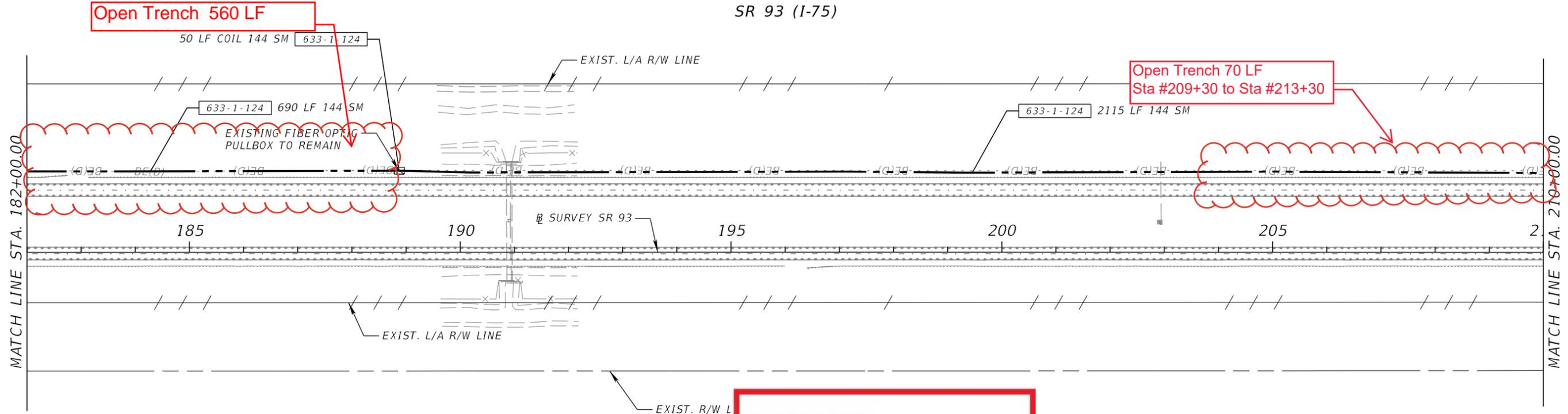
FALLER, DAVIS & ASSOCIATES, INC.
 4200 W. CYPRESS ST., SUITE 500
 TAMPA, FLORIDA 33607-4168
 PATRICIA T. CHRISTIE, P.E. NO.: 60049

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 93	COLLIER	444008-3-52-01

**INTELLIGENT TRANSPORTATION
 SYSTEMS PLANS (3)**

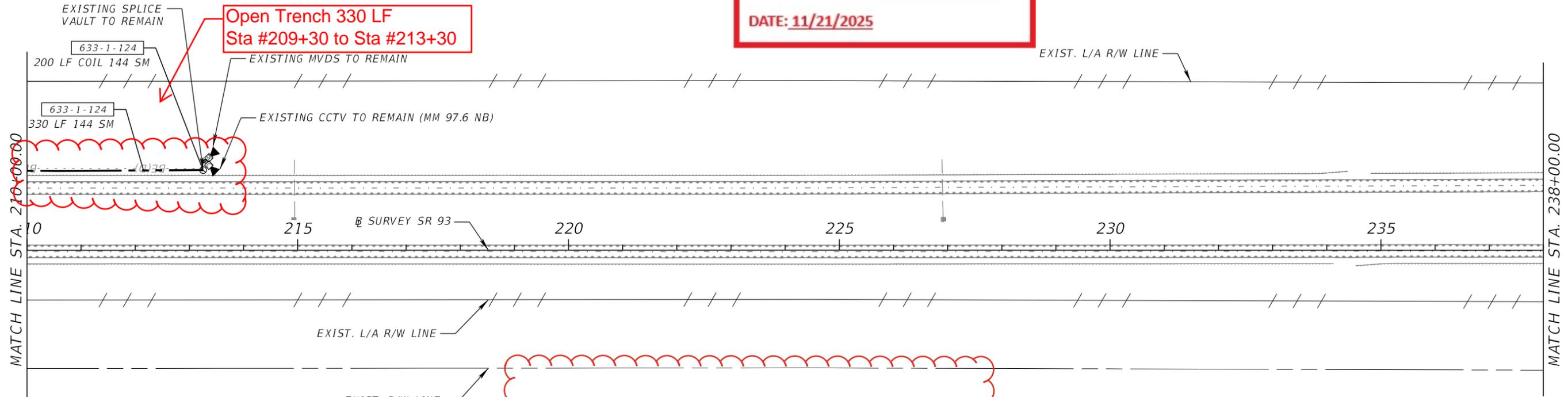
SHEET NO.
 IT-10

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ARC ELECTRIC, INC.
FINAL AS-BUILT PLANS
SUBMITTED BY: OMAR MCFARLANE
DATE: 11/21/2025

NORTH	SOUTH
75	75
MILE	MILE
97	97
.5	.5



Quantities for Pay
630-2-11 Conduit, F&I, Open Trench 960 LF
635-2-12 Pull & Splice Box (24" x 36") Cover 0 EA

NORTH	SOUTH
75	75
MILE	MILE
97	97
.5	.5

NOTE: CONTINUATION OF THE FIBER OPTIC CABLE TO THE EAST WILL BE INSTALLED UNDER FPID 444008-4-52-01.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

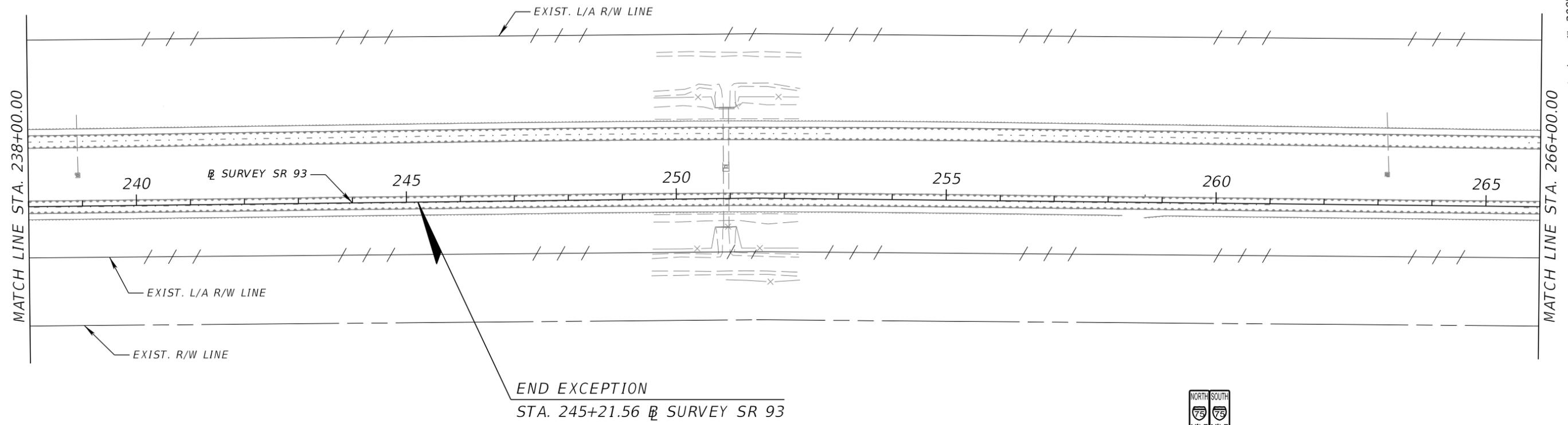
FALLER, DAVIS & ASSOCIATES, INC.
 4200 W. CYPRESS ST., SUITE 500
 TAMPA, FLORIDA 33607-4168
 PATRICIA T. CHRISTIE, P.E. NO.: 60049

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 93	COLLIER	444008-3-52-01

**INTELLIGENT TRANSPORTATION
 SYSTEMS PLANS (4)**

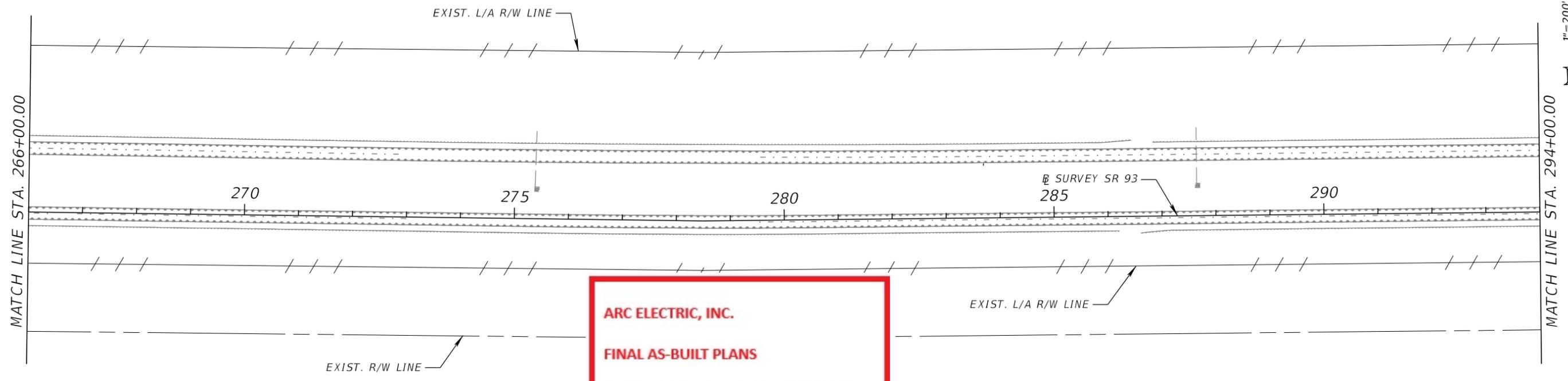
SHEET NO.
 IT-11

SR 93 (I-75)



NORTH	SOUTH
MILE	MILE
.5	.5

SR 93 (I-75)



NORTH	SOUTH
MILE	MILE
.5	.5

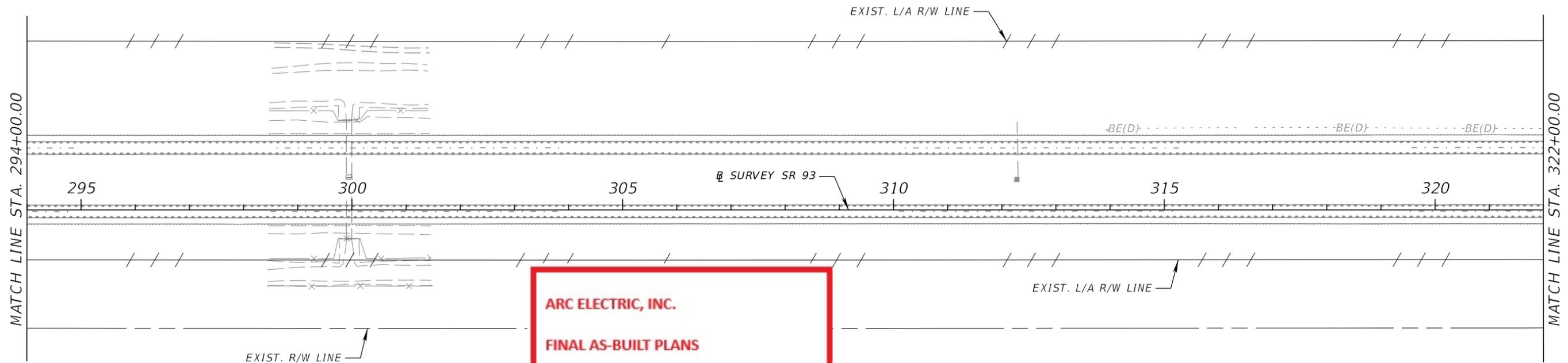
NOTE: NO WORK IS TO BE PERFORMED ON THIS SHEET.

ARC ELECTRIC, INC.
FINAL AS-BUILT PLANS
SUBMITTED BY: OMAR MCFARLANE
DATE: 11/21/2025

REVISIONS				FALLER, DAVIS & ASSOCIATES, INC. 4200 W. CYPRESS ST., SUITE 500 TAMPA, FLORIDA 33607-4168 PATRICIA T. CHRISTIE, P.E. NO.: 60049	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			INTELLIGENT TRANSPORTATION SYSTEMS PLANS (5)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		IT-12
						SR 93	COLLIER		444008-3-52-01

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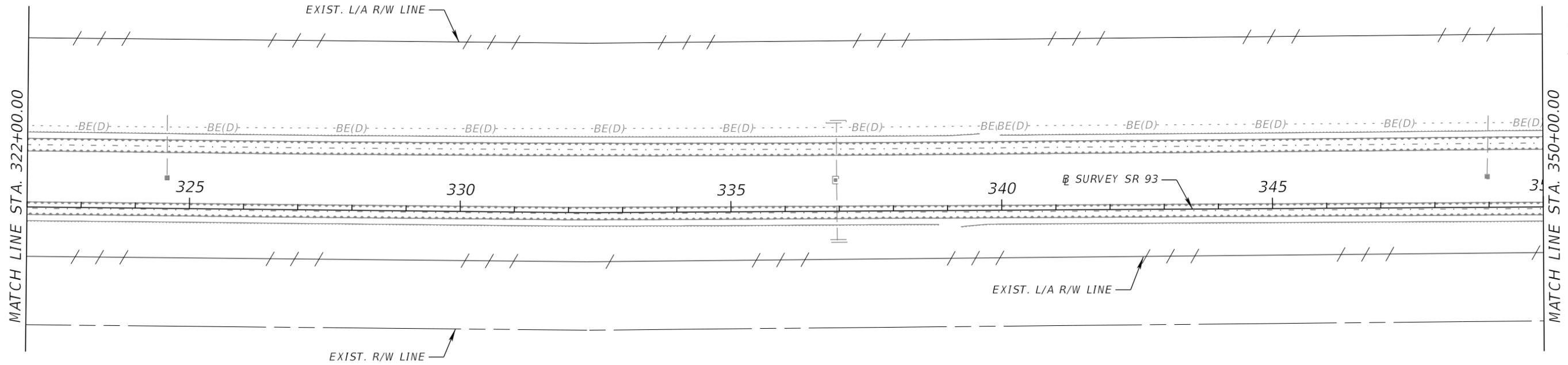
SR 93 (I-75)



ARC ELECTRIC, INC.
FINAL AS-BUILT PLANS
SUBMITTED BY: OMAR MCFARLANE
DATE: 11/21/2025

NORTH	SOUTH
MILE	MILE
.5	.5

SR 93 (I-75)



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NORTH	SOUTH
MILE	MILE
.5	.5

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

FALLER, DAVIS & ASSOCIATES, INC.
 4200 W. CYPRESS ST., SUITE 500
 TAMPA, FLORIDA 33607-4168
 PATRICIA T. CHRISTIE, P.E. NO.: 60049

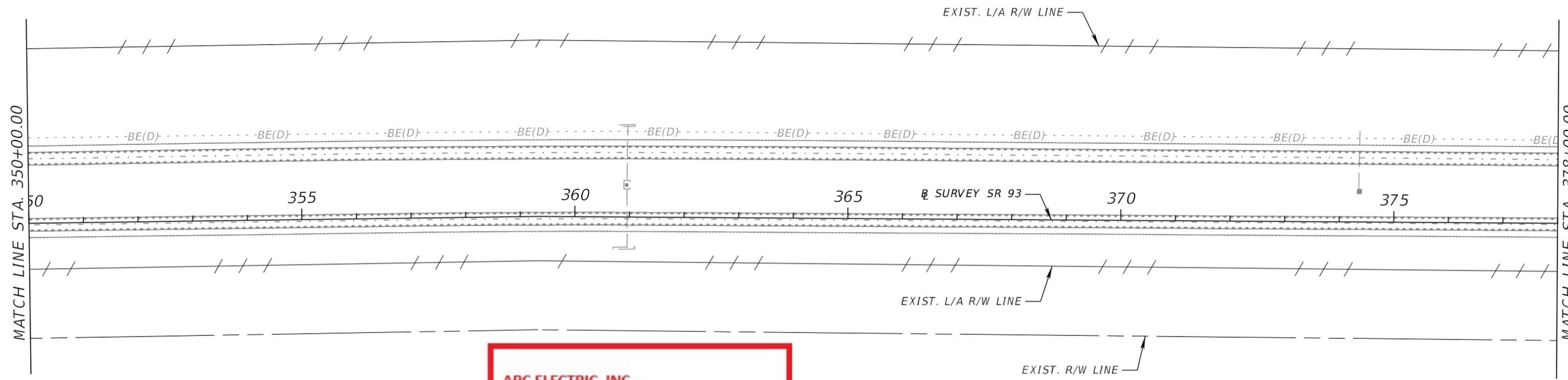
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 93	COLLIER	444008-3-52-01

**INTELLIGENT TRANSPORTATION
 SYSTEMS PLANS (6)**

SHEET NO.
IT-13

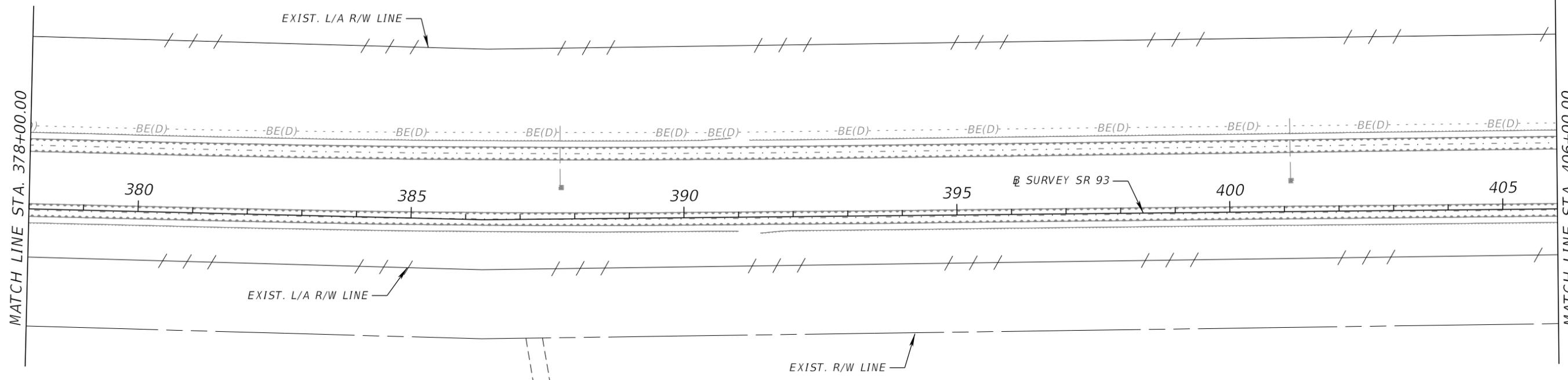
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SR 93 (I-75)



ARC ELECTRIC, INC.
FINAL AS-BUILT PLANS
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DATE: 11/21/2025

NORTH	SOUTH
MILE	MILE
.5	.5



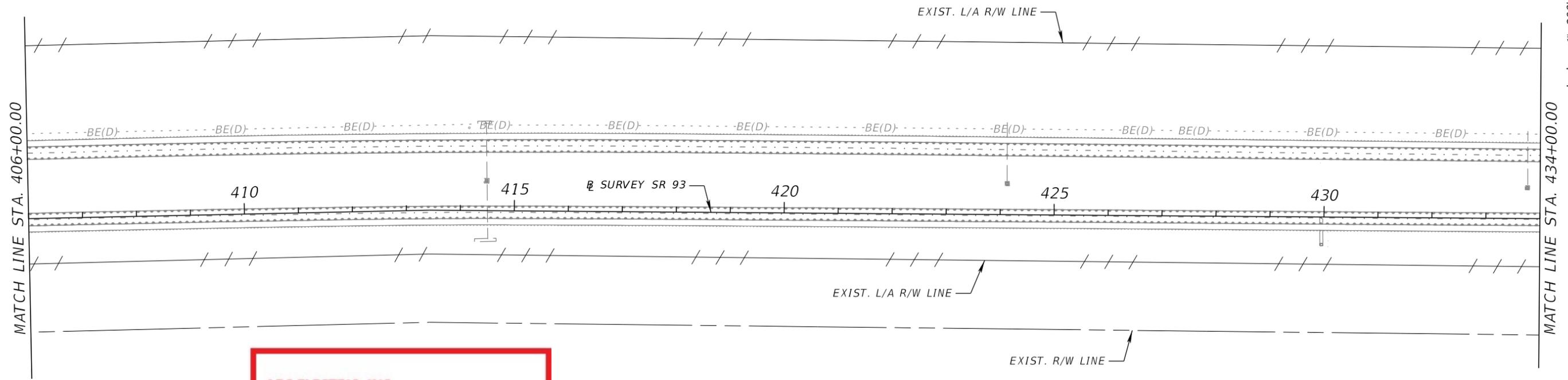
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NORTH	SOUTH
MILE	MILE
.4	.4

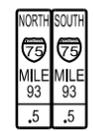
REVISIONS				FALLER, DAVIS & ASSOCIATES, INC. 4200 W. CYPRESS ST., SUITE 500 TAMPA, FLORIDA 33607-4168 PATRICIA T. CHRISTIE, P.E. NO.: 60049	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			INTELLIGENT TRANSPORTATION SYSTEMS PLANS (7)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		IT-14
					SR 93	COLLIER	444008-3-52-01		

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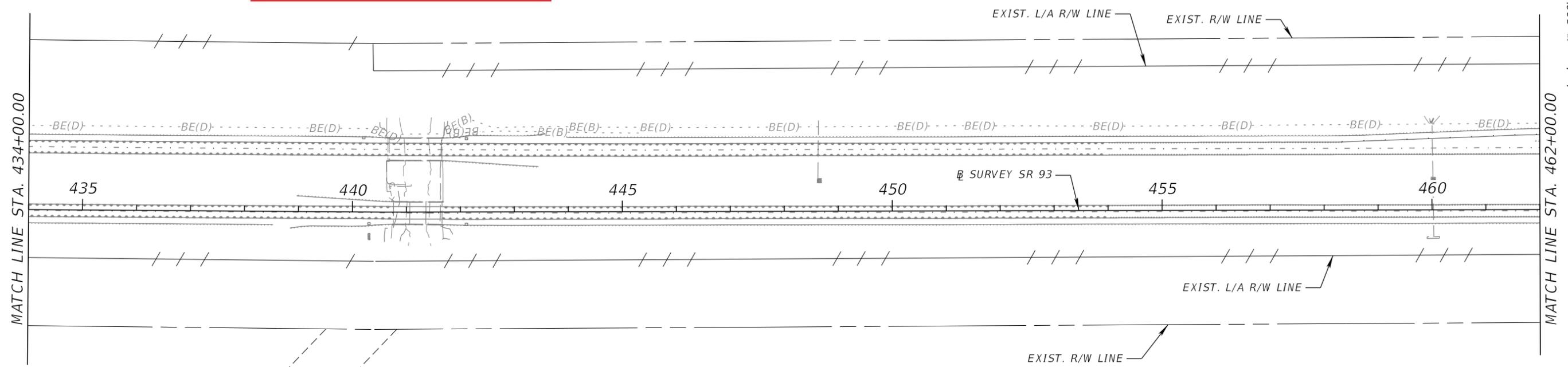
SR 93 (I-75)



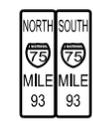
ARC ELECTRIC, INC.
FINAL AS-BUILT PLANS
SUBMITTED BY: OMAR MCFARLANE
DATE: 11/21/2025



SR 93 (I-75)

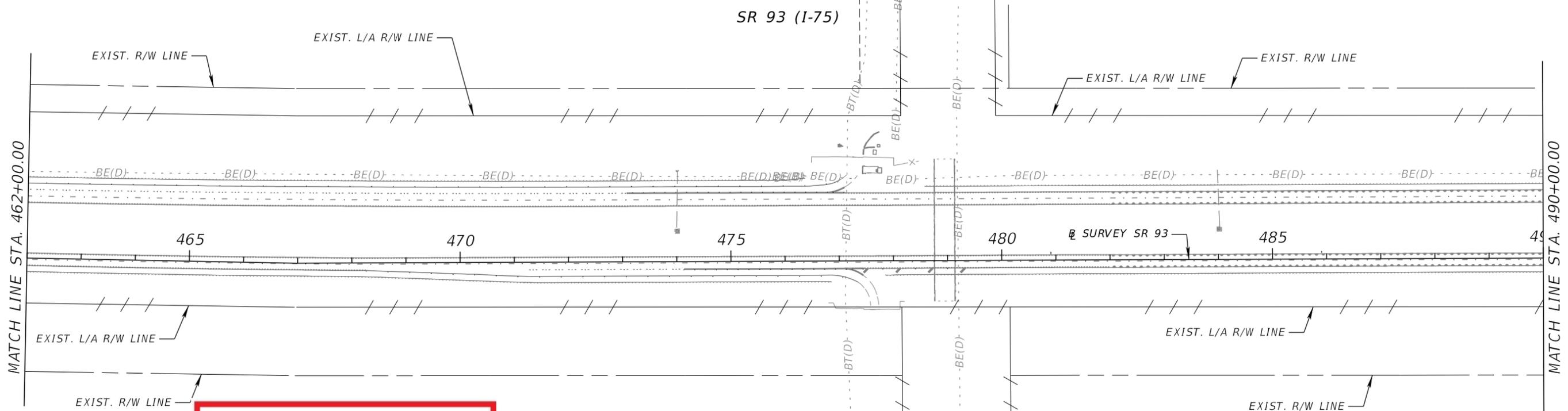


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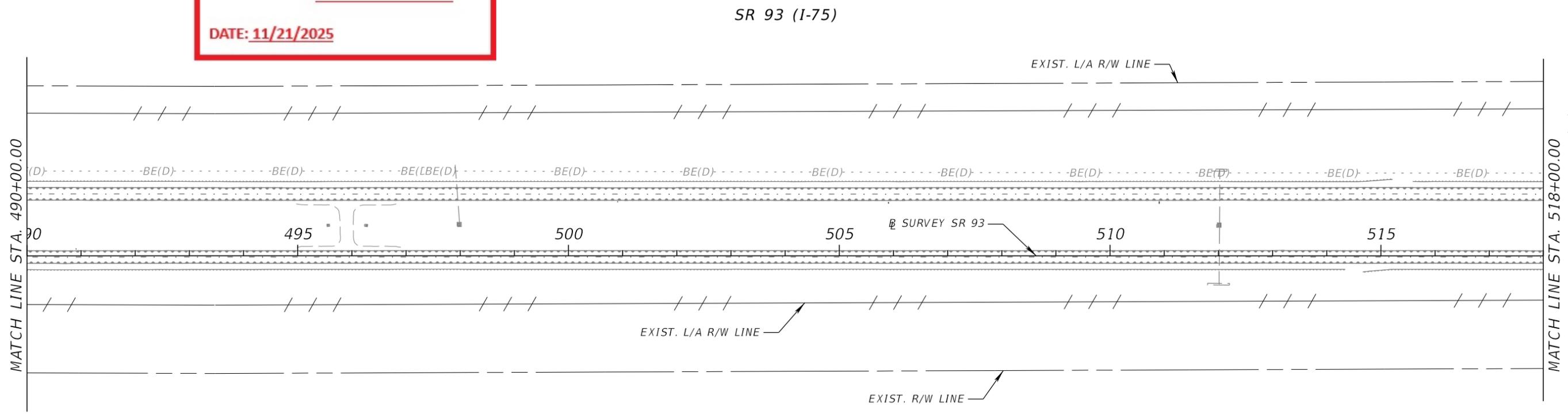


REVISIONS				FALLER, DAVIS & ASSOCIATES, INC. 4200 W. CYPRESS ST., SUITE 500 TAMPA, FLORIDA 33607-4168 PATRICIA T. CHRISTIE, P.E. NO.: 60049	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			INTELLIGENT TRANSPORTATION SYSTEMS PLANS (8)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 93	COLLIER	444008-3-52-01		IT-15

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ARC ELECTRIC, INC.
FINAL AS-BUILT PLANS
SUBMITTED BY: OMAR MCFARLANE
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REVISIONS			
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FALLER, DAVIS & ASSOCIATES, INC.
 4200 W. CYPRESS ST., SUITE 500
 TAMPA, FLORIDA 33607-4168
 PATRICIA T. CHRISTIE, P.E. NO.: 60049

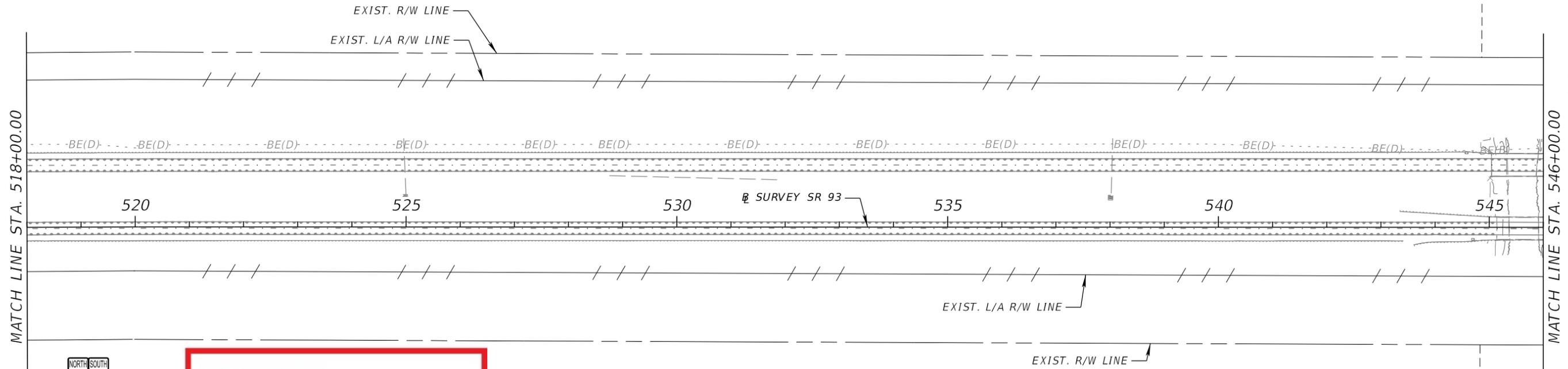
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 93	COLLIER	444008-3-52-01

**INTELLIGENT TRANSPORTATION
 SYSTEMS PLANS (9)**

SHEET NO.
 IT-16

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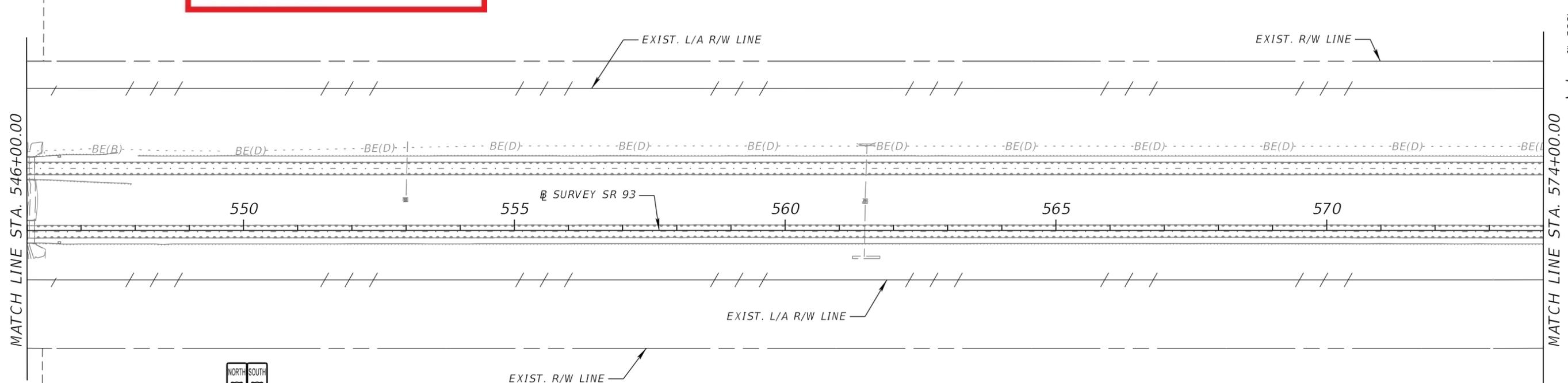
SR 93 (I-75)



NORTH	SOUTH
MILE	MILE
.5	.5

ARC ELECTRIC, INC.
FINAL AS-BUILT PLANS
SUBMITTED BY: OMAR MCFARLANE
DATE: 11/21/2025

SR 93 (I-75)



NORTH	SOUTH
MILE	MILE
.5	.5

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DATE	DESCRIPTION	DATE	DESCRIPTION

FALLER, DAVIS & ASSOCIATES, INC.
 4200 W. CYPRESS ST., SUITE 500
 TAMPA, FLORIDA 33607-4168
 PATRICIA T. CHRISTIE, P.E. NO.: 60049

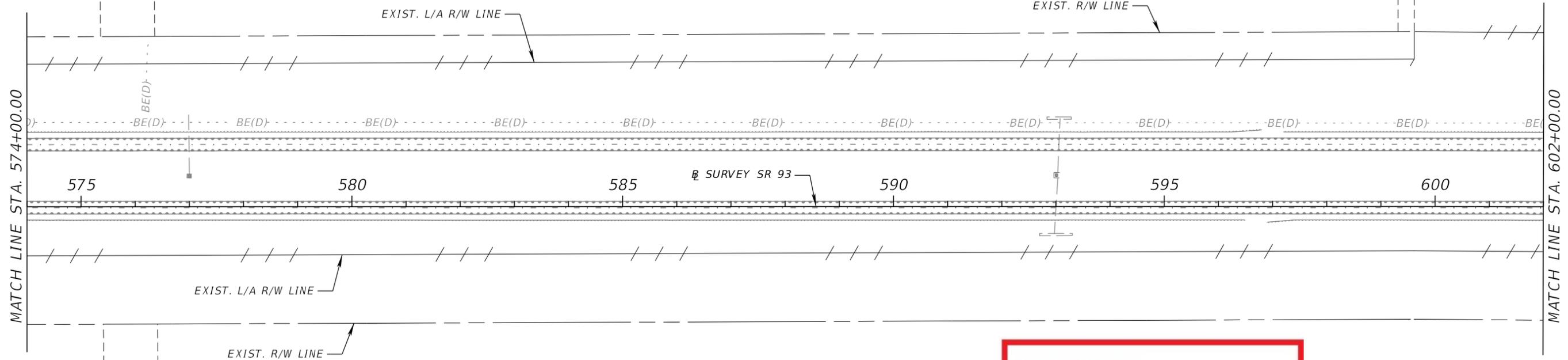
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 93	COLLIER	444008-3-52-01

**INTELLIGENT TRANSPORTATION
 SYSTEMS PLANS (10)**

SHEET NO.
IT-17

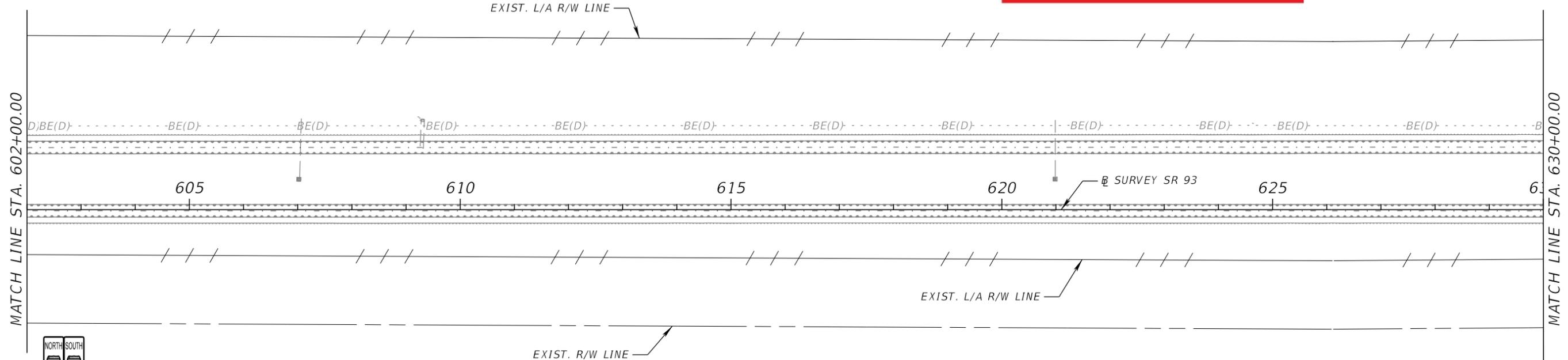
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SR 93 (I-75)



ARC ELECTRIC, INC.
FINAL AS-BUILT PLANS
SUBMITTED BY: OMAR MCFARLANE
DATE: 11/21/2025

SR 93 (I-75)

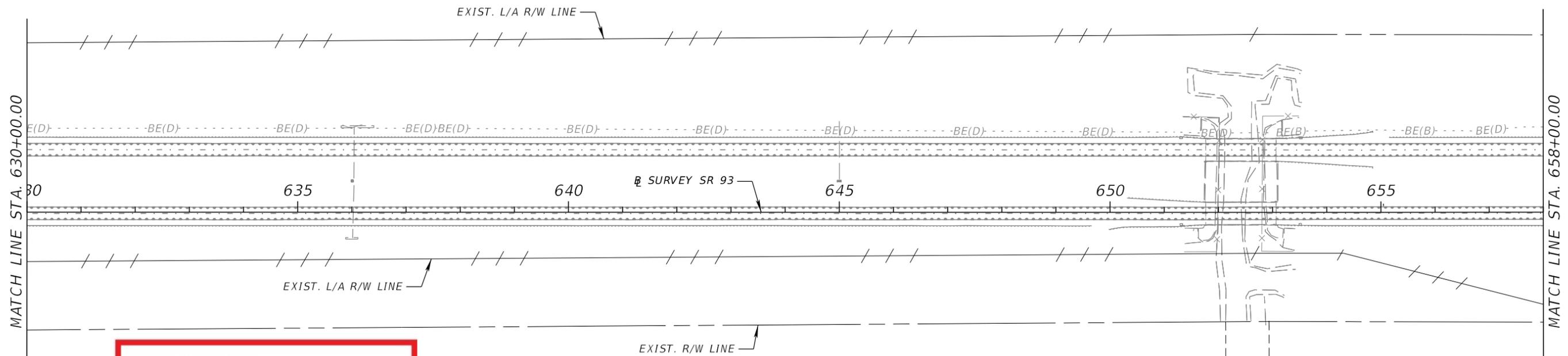


NOTE: NO WORK IS TO BE PERFORMED ON THIS SHEET.

REVISIONS				FALLER, DAVIS & ASSOCIATES, INC. 4200 W. CYPRESS ST., SUITE 500 TAMPA, FLORIDA 33607-4168 PATRICIA T. CHRISTIE, P.E. NO.: 60049	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			INTELLIGENT TRANSPORTATION SYSTEMS PLANS (11)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		IT-18
					SR 93	COLLIER	444008-3-52-01		

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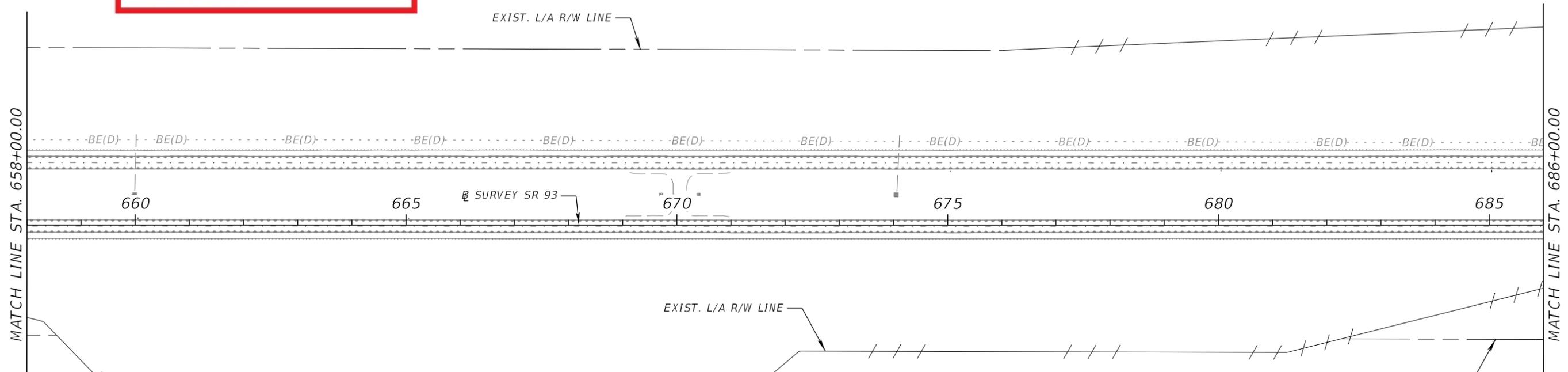
SR 93 (I-75)



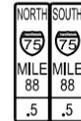
ARC ELECTRIC, INC.
FINAL AS-BUILT PLANS
SUBMITTED BY: OMAR MCFARLANE
DATE: 11/21/2025



SR 93 (I-75)



NOTE: NO WORK IS TO BE PERFORMED ON THIS SHEET.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

FALLER, DAVIS & ASSOCIATES, INC.
 4200 W. CYPRESS ST., SUITE 500
 TAMPA, FLORIDA 33607-4168
 PATRICIA T. CHRISTIE, P.E. NO.: 60049

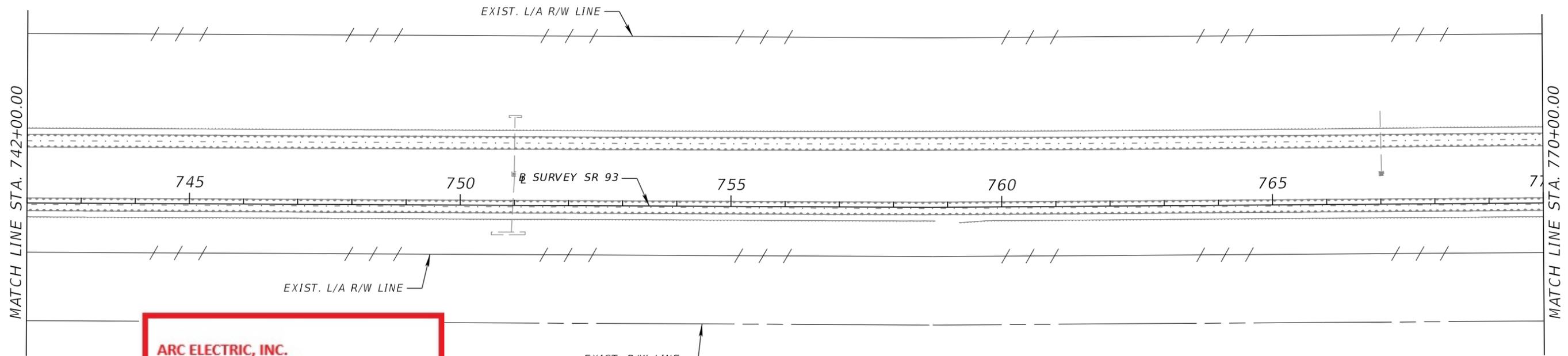
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 93	COLLIER	444008-3-52-01

**INTELLIGENT TRANSPORTATION
 SYSTEMS PLANS (12)**

SHEET NO.
 IT-19

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

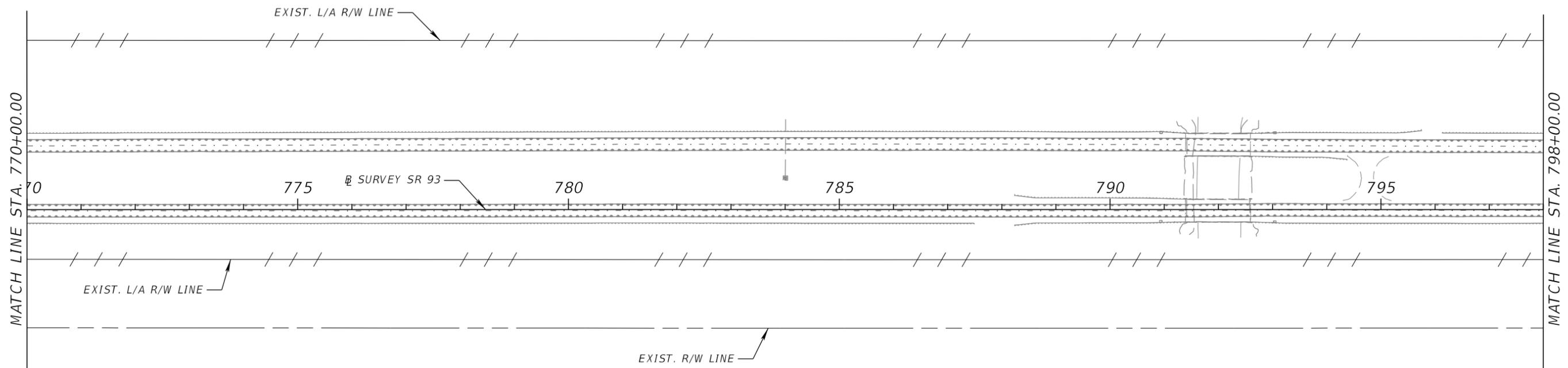
SR 93 (I-75)



ARC ELECTRIC, INC.
FINAL AS-BUILT PLANS
SUBMITTED BY: OMAR MCFARLANE
DATE: 11/21/2025



SR 93 (I-75)

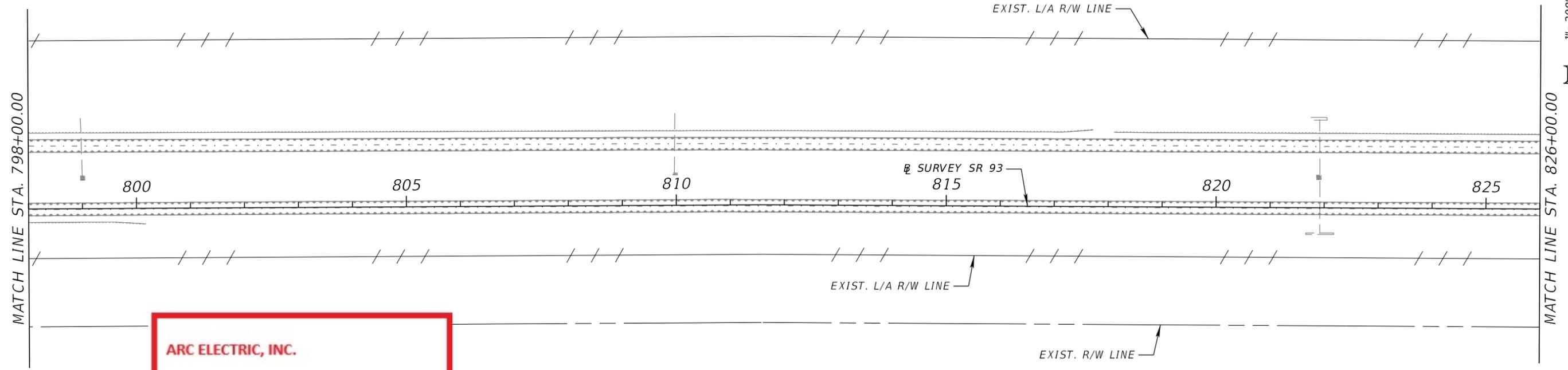


NOTE: NO WORK IS TO BE PERFORMED ON THIS SHEET.



REVISIONS				FALLER, DAVIS & ASSOCIATES, INC. 4200 W. CYPRESS ST., SUITE 500 TAMPA, FLORIDA 33607-4168 PATRICIA T. CHRISTIE, P.E. NO.: 60049	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			INTELLIGENT TRANSPORTATION SYSTEMS PLANS (14)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		IT-21
					SR 93	COLLIER	444008-3-52-01		

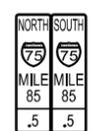
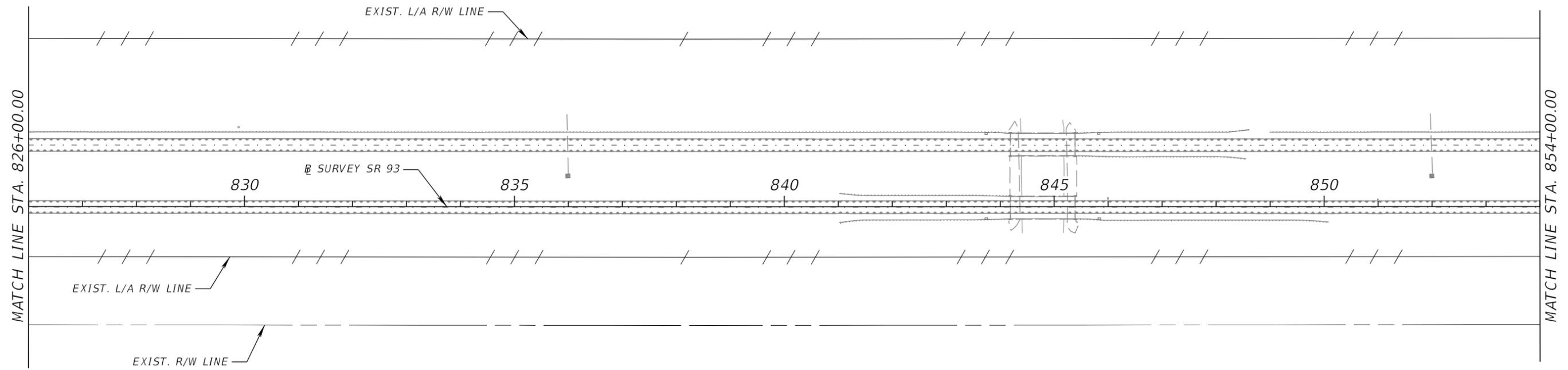
SR 93 (I-75)



ARC ELECTRIC, INC.
FINAL AS-BUILT PLANS
SUBMITTED BY: OMAR MCFARLANE
DATE: 11/21/2025



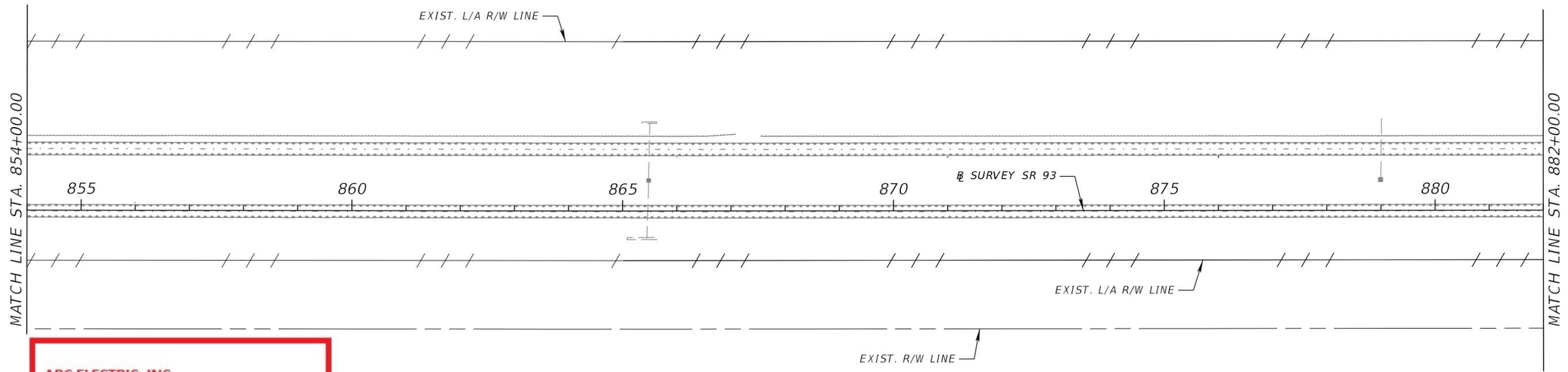
SR 93 (I-75)



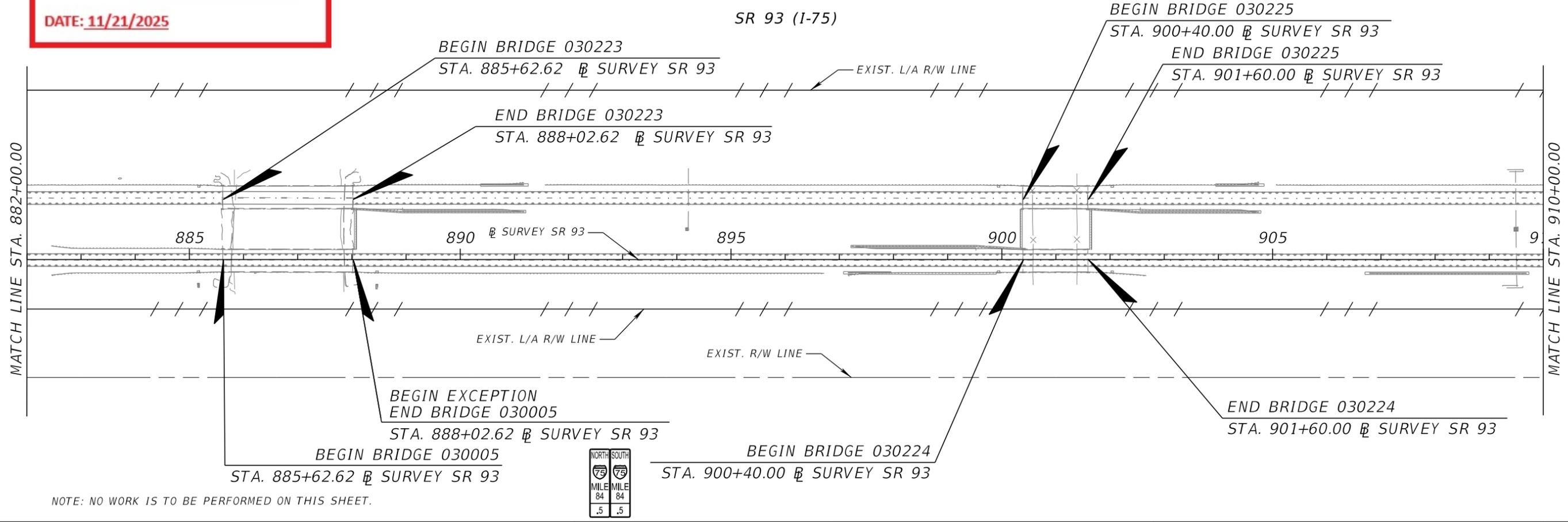
NOTE: NO WORK IS TO BE PERFORMED ON THIS SHEET.

REVISIONS				FALLER, DAVIS & ASSOCIATES, INC. 4200 W. CYPRESS ST., SUITE 500 TAMPA, FLORIDA 33607-4168 PATRICIA T. CHRISTIE, P.E. NO.: 60049	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			INTELLIGENT TRANSPORTATION SYSTEMS PLANS (15)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 93	COLLIER	444008-3-52-01		

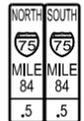
SR 93 (I-75)



ARC ELECTRIC, INC.
FINAL AS-BUILT PLANS
SUBMITTED BY: OMAR MCFARLANE
DATE: 11/21/2025



NOTE: NO WORK IS TO BE PERFORMED ON THIS SHEET.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

FALLER, DAVIS & ASSOCIATES, INC.
 4200 W. CYPRESS ST., SUITE 500
 TAMPA, FLORIDA 33607-4168
 PATRICIA T. CHRISTIE, P.E. NO.: 60049

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 93	COLLIER	444008-3-52-01

**INTELLIGENT TRANSPORTATION
 SYSTEMS PLANS (16)**

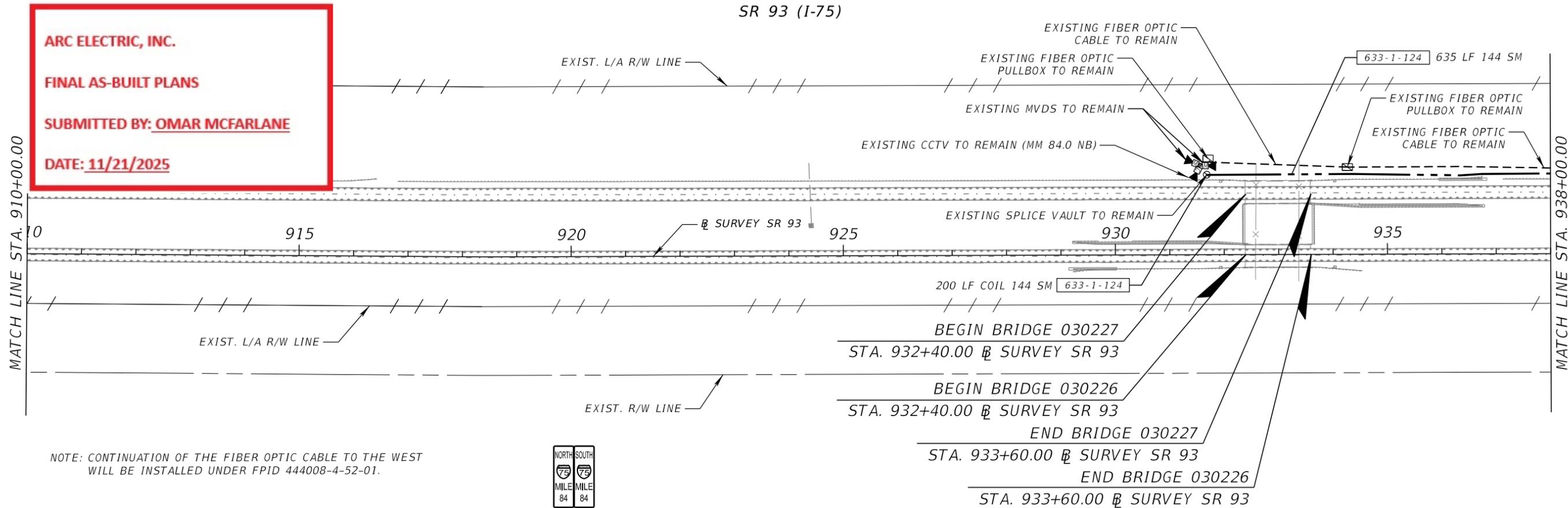
SHEET NO.
 IT-23

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

ARC ELECTRIC, INC.
FINAL AS-BUILT PLANS
SUBMITTED BY: OMAR MCFARLANE
DATE: 11/21/2025

MATCH LINE STA. 910+00.00

MATCH LINE STA. 938+00.00

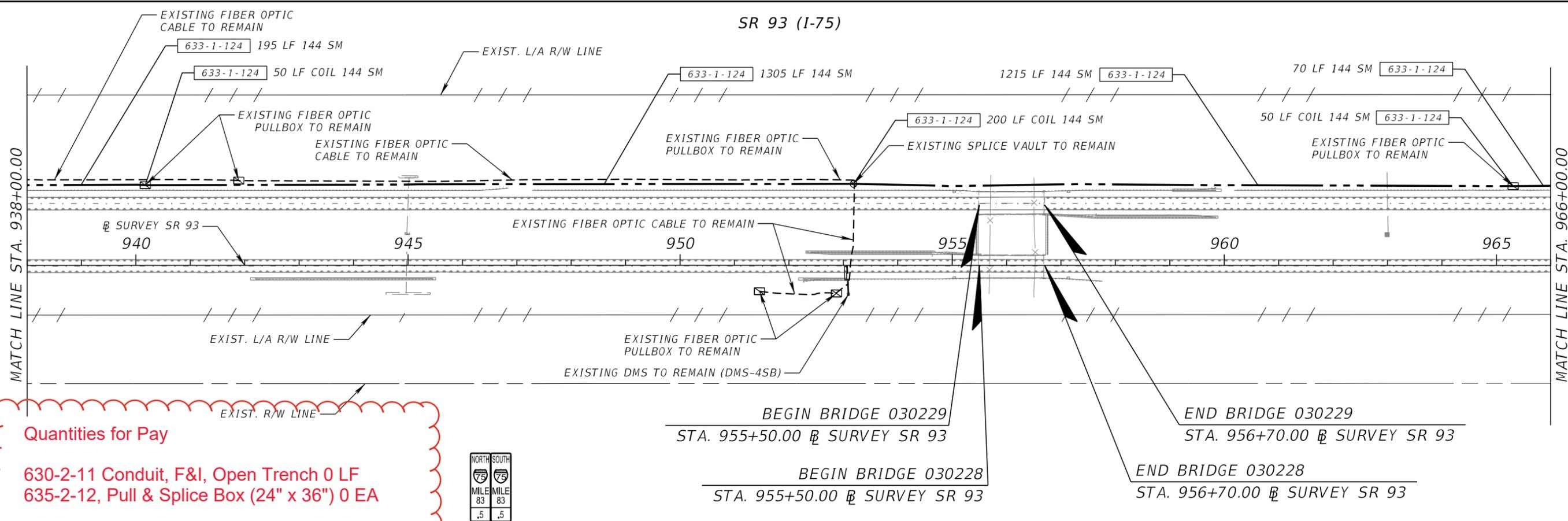


NOTE: CONTINUATION OF THE FIBER OPTIC CABLE TO THE WEST WILL BE INSTALLED UNDER FPID 444008-4-52-01.



MATCH LINE STA. 938+00.00

MATCH LINE STA. 966+00.00



Quantities for Pay
630-2-11 Conduit, F&I, Open Trench 0 LF
635-2-12, Pull & Splice Box (24" x 36") 0 EA



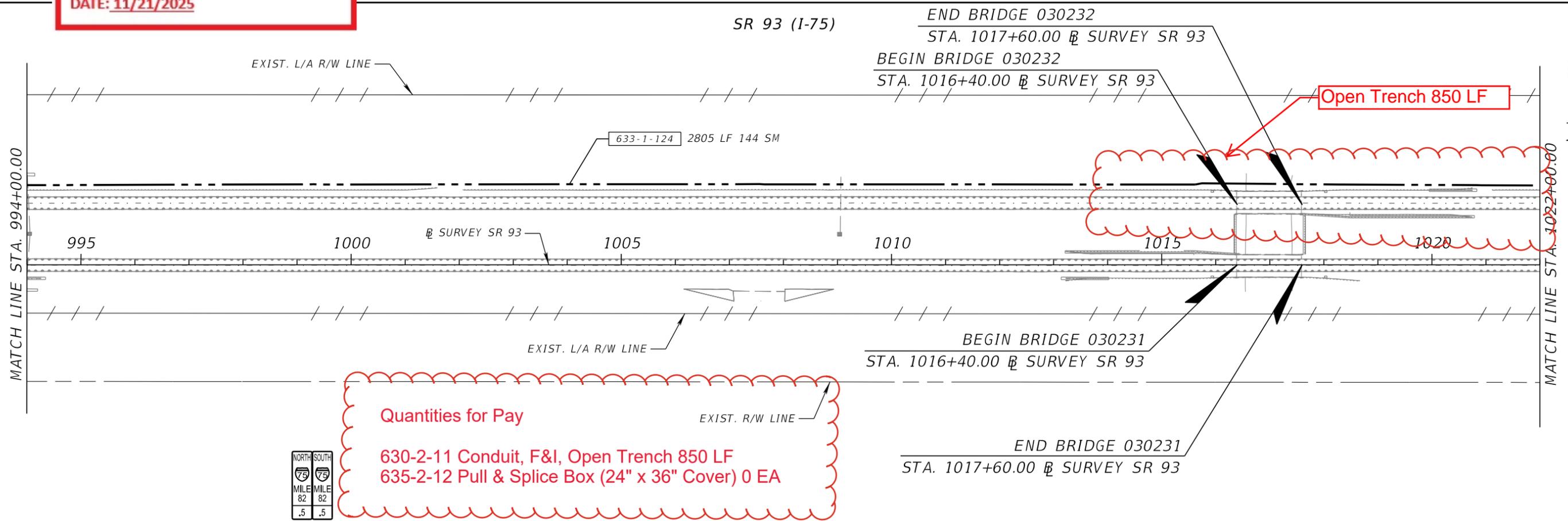
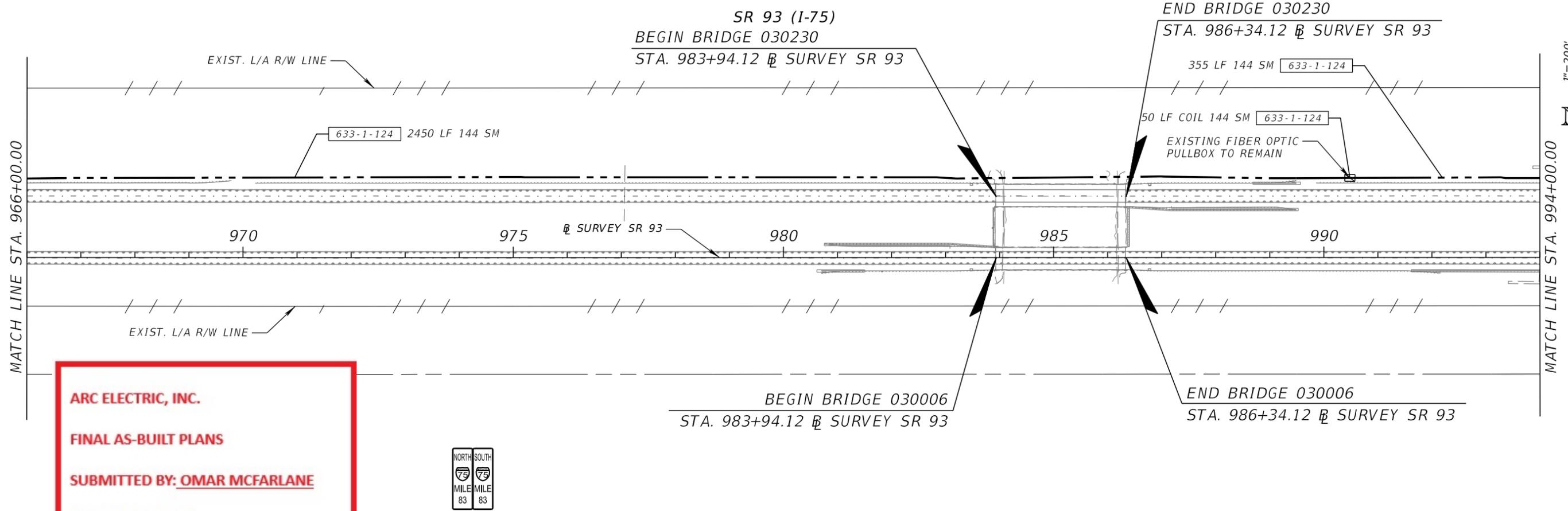
REVISIONS	
DATE	DESCRIPTION

FALLER, DAVIS & ASSOCIATES, INC.
 4200 W. CYPRESS ST., SUITE 500
 TAMPA, FLORIDA 33607-4168
 PATRICIA T. CHRISTIE, P.E. NO.: 60049

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 93	COLLIER	444008-3-52-01

**INTELLIGENT TRANSPORTATION
 SYSTEMS PLANS (17)**

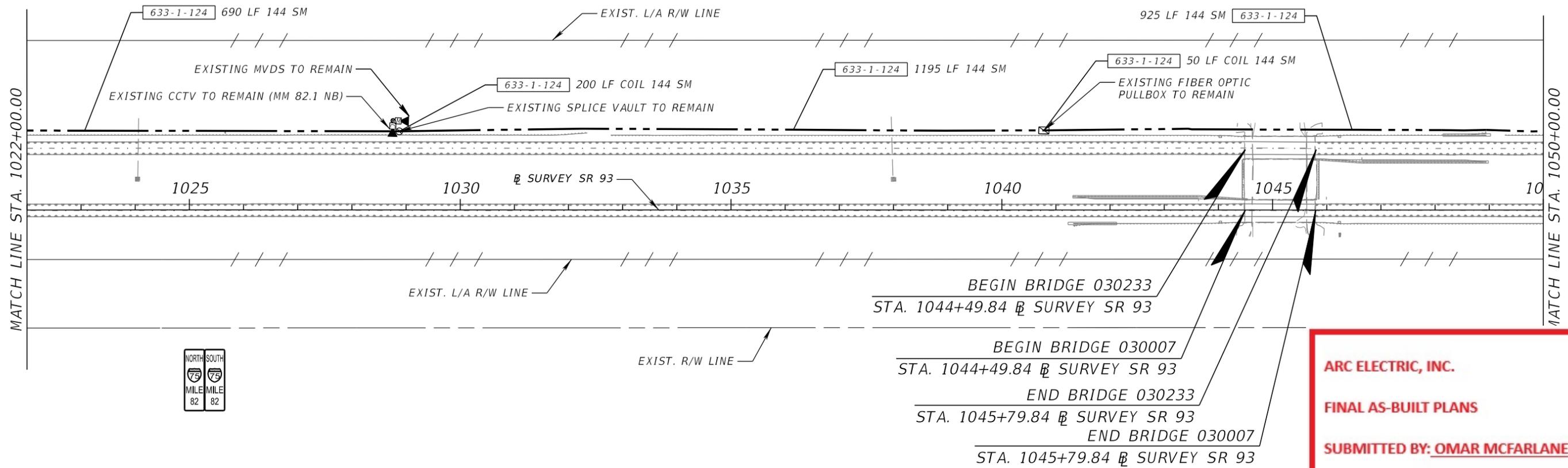
SHEET NO.
 IT-24



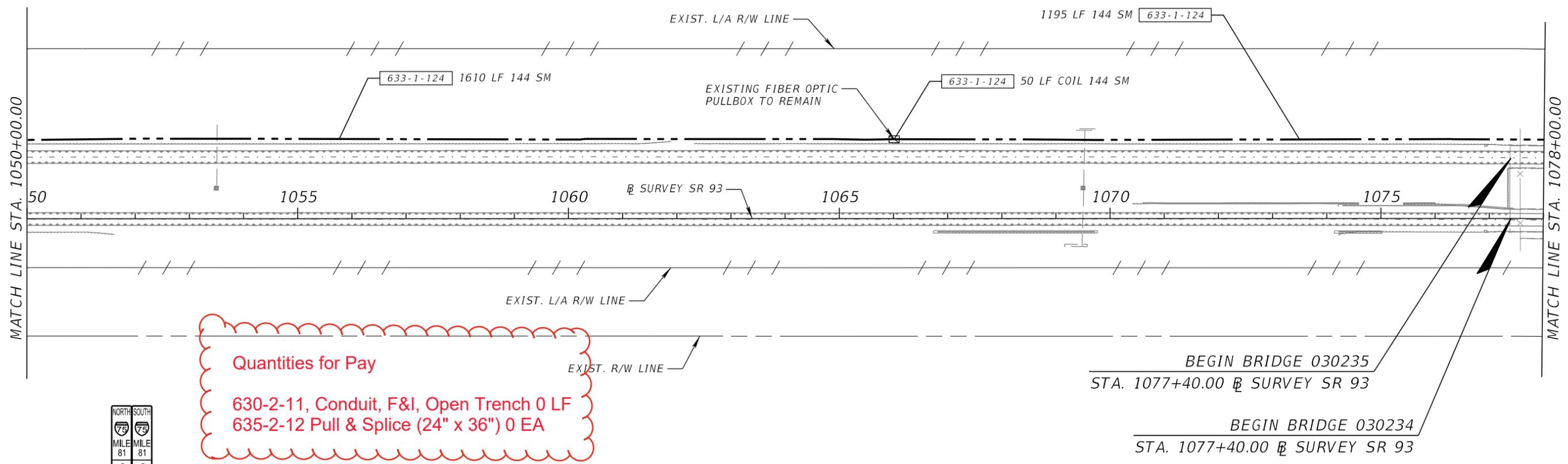
REVISIONS				FALLER, DAVIS & ASSOCIATES, INC. 4200 W. CYPRESS ST., SUITE 500 TAMPA, FLORIDA 33607-4168 PATRICIA T. CHRISTIE, P.E. NO.: 60049	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			INTELLIGENT TRANSPORTATION SYSTEMS PLANS (18)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		IT-25
					SR 93	COLLIER	444008-3-52-01		

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

SR 93 (I-75)



SR 93 (I-75)



Quantities for Pay
 630-2-11, Conduit, F&I, Open Trench 0 LF
 635-2-12 Pull & Splice (24" x 36") 0 EA

ARC ELECTRIC, INC.
FINAL AS-BUILT PLANS
SUBMITTED BY: OMAR MCFARLANE
DATE: 11/21/2025

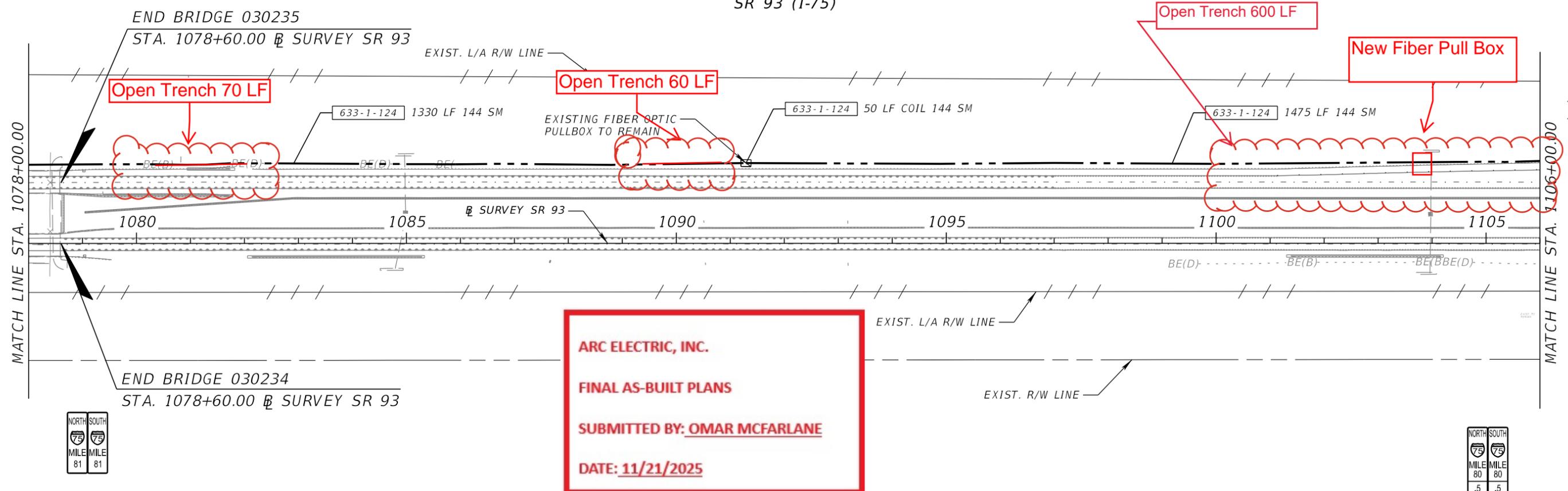
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

FALLER, DAVIS & ASSOCIATES, INC.
 4200 W. CYPRESS ST., SUITE 500
 TAMPA, FLORIDA 33607-4168
 PATRICIA T. CHRISTIE, P.E. NO.: 60049

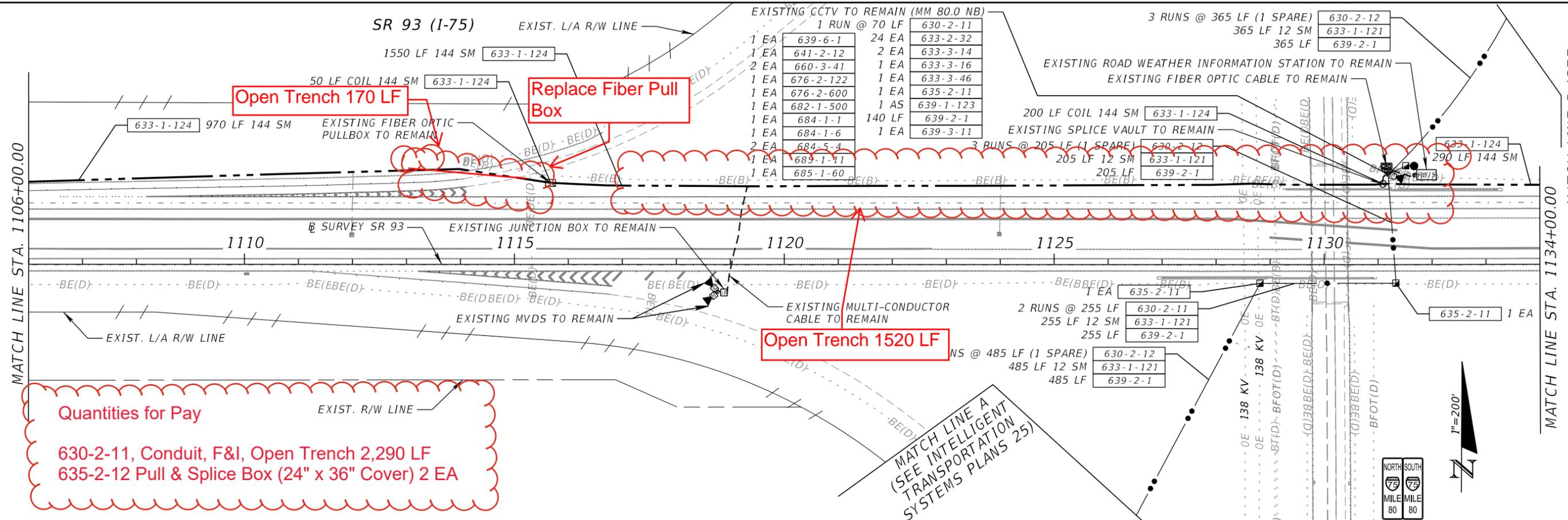
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 93	COLLIER	444008-3-52-01

**INTELLIGENT TRANSPORTATION
 SYSTEMS PLANS (19)**

SHEET NO.
 IT-26



ARC ELECTRIC, INC.
FINAL AS-BUILT PLANS
SUBMITTED BY: OMAR MCFARLANE
DATE: 11/21/2025



Quantities for Pay

630-2-11, Conduit, F&I, Open Trench 2,290 LF
 635-2-12 Pull & Splice Box (24" x 36" Cover) 2 EA

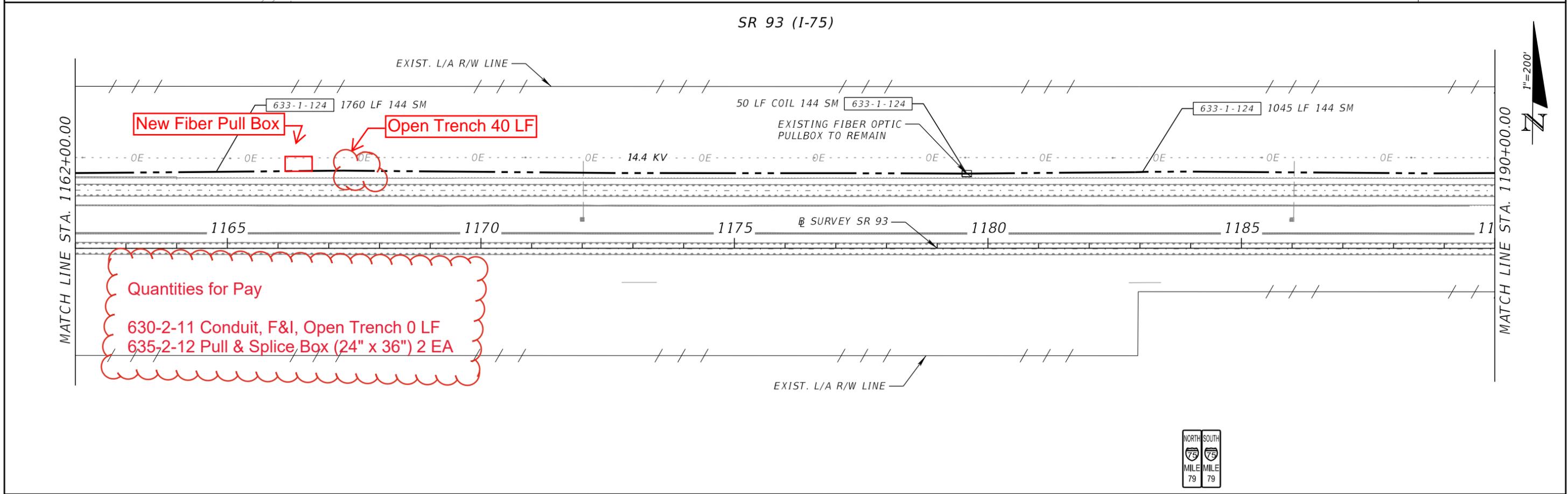
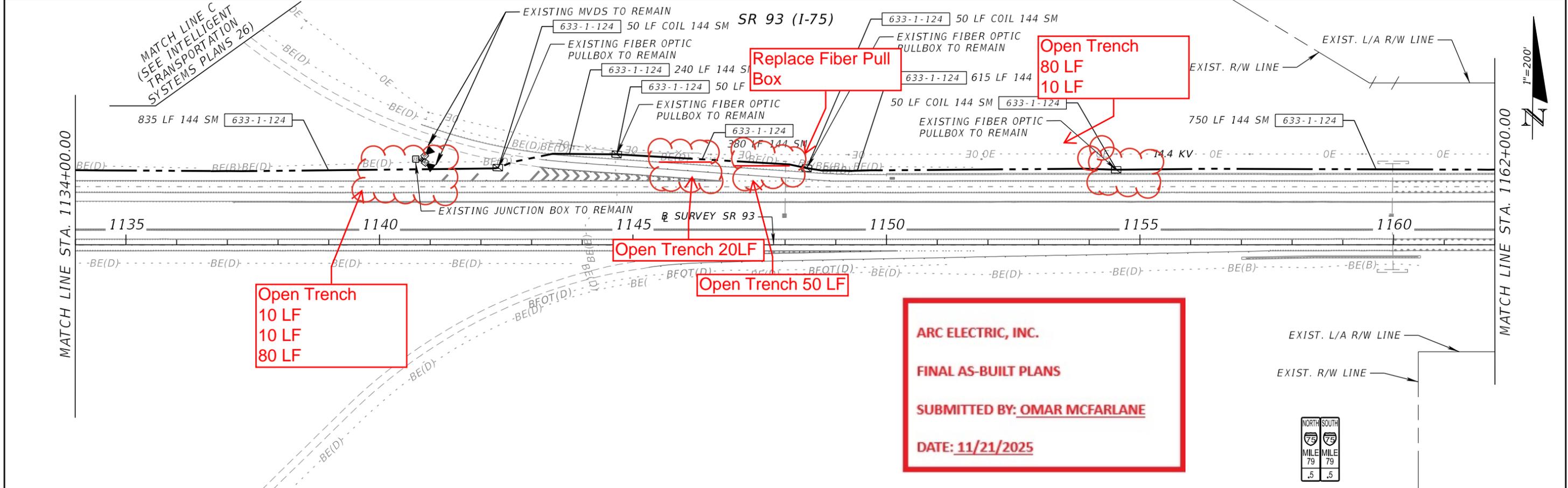
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

FALLER, DAVIS & ASSOCIATES, INC.
 4200 W. CYPRESS ST., SUITE 500
 TAMPA, FLORIDA 33607-4168
 PATRICIA T. CHRISTIE, P.E. NO.: 60049

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 93	COLLIER	444008-3-52-01

**INTELLIGENT TRANSPORTATION
 SYSTEMS PLANS (20)**

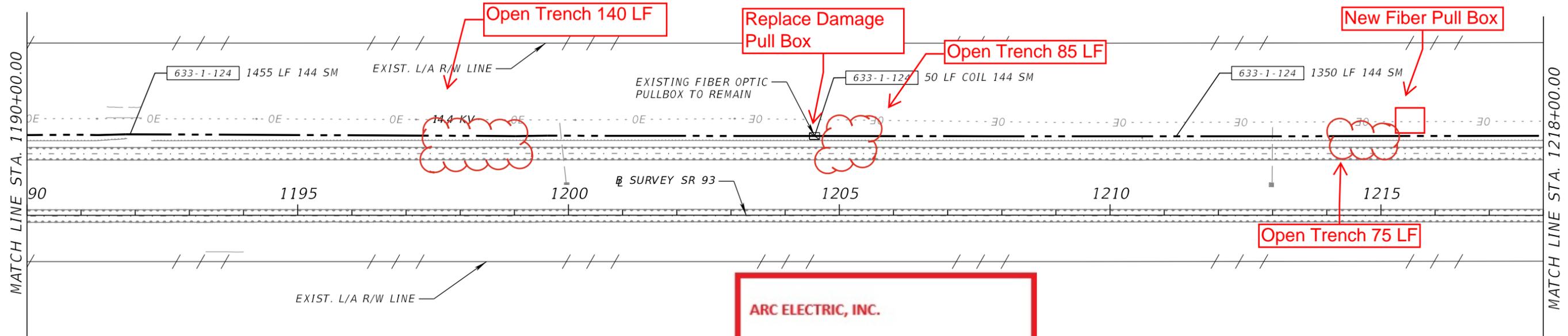
SHEET NO.
 IT-27



REVISIONS				FALLER, DAVIS & ASSOCIATES, INC. 4200 W. CYPRESS ST., SUITE 500 TAMPA, FLORIDA 33607-4168 PATRICIA T. CHRISTIE, P.E. NO.: 60049	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			INTELLIGENT TRANSPORTATION SYSTEMS PLANS (21)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 93	COLLIER	444008-3-52-01		IT-28

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

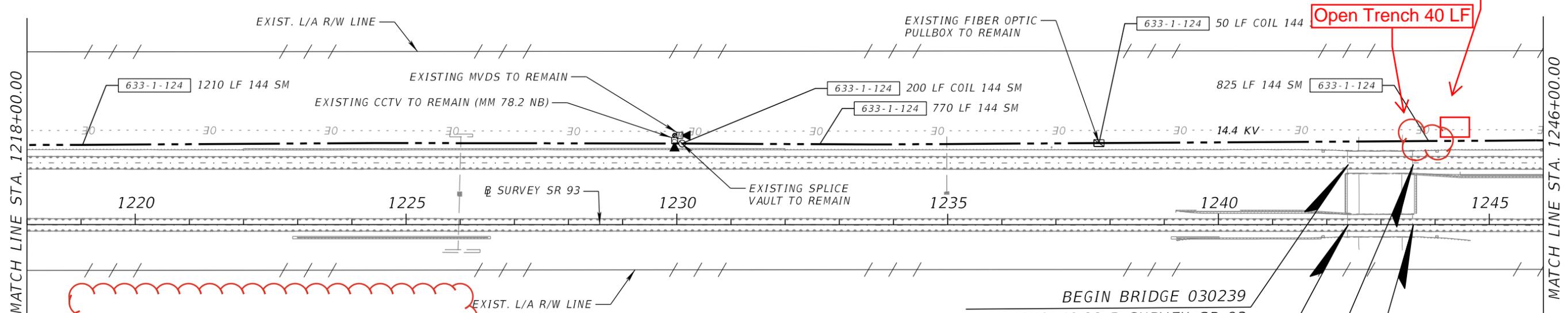
SR 93 (I-75)



ARC ELECTRIC, INC.
FINAL AS-BUILT PLANS
SUBMITTED BY: OMAR MCFARLANE
DATE: 11/21/2025



SR 93 (I-75)



Quantities for Pay
 630-2-11 Conduit, F&I, Open Trench 140 LF
 635-2-12, Pull & Junction Box (24" x 36") = 3 EA
 630-2-11 Conduit, F&I, Open Trench Total Length 340 LF

BEGIN BRIDGE 030239
 STA. 1242+40.00 @ SURVEY SR 93
 BEGIN BRIDGE 030240
 STA. 1242+40.00 @ SURVEY SR 93
 END BRIDGE 030239
 STA. 1243+60.00 @ SURVEY SR 93
 END BRIDGE 030240
 STA. 1243+60.00 @ SURVEY SR 93



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

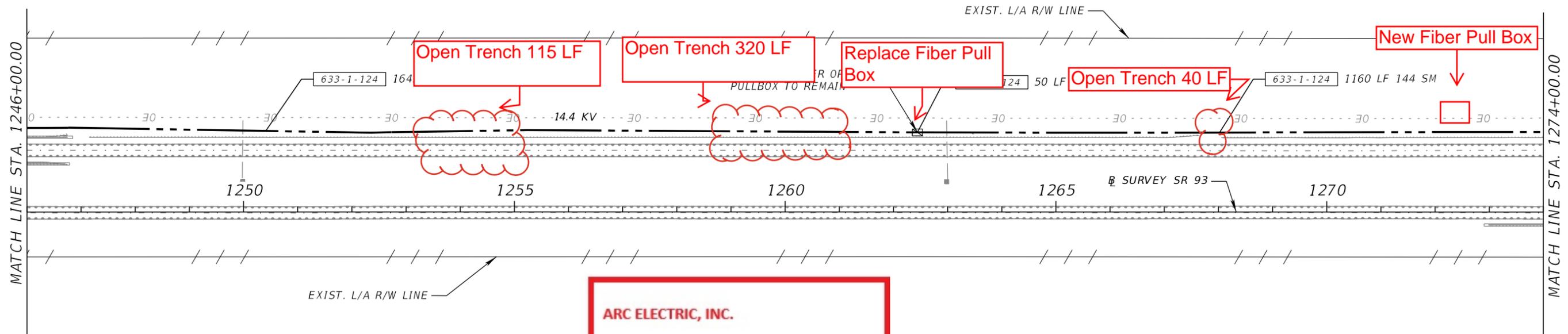
FALLER, DAVIS & ASSOCIATES, INC.
 4200 W. CYPRESS ST., SUITE 500
 TAMPA, FLORIDA 33607-4168
 PATRICIA T. CHRISTIE, P.E. NO.: 60049

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 93	COLLIER	444008-3-52-01

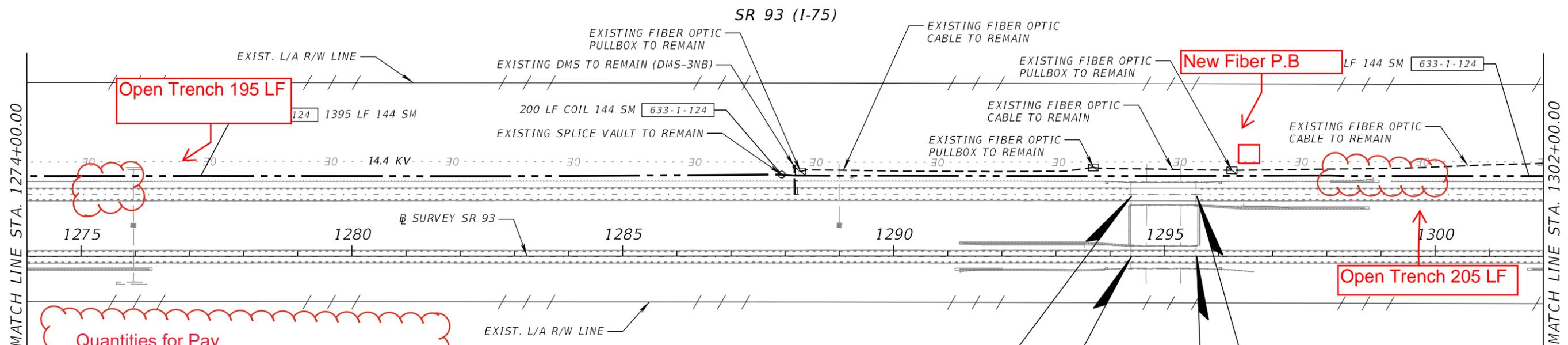
**INTELLIGENT TRANSPORTATION
 SYSTEMS PLANS (22)**

SHEET NO.
 IT-29

SR 93 (I-75)



ARC ELECTRIC, INC.
FINAL AS-BUILT PLANS
SUBMITTED BY: OMAR MCFARLANE
DATE: 11/21/2025



Quantities for Pay
 630-2-11 Conduit, F&I, Open Trench 835 LF
 635-2-12, Pull & Splice Box (24" x 36") 3 EA
 630-2-11, Conduit, F&I, Open Trench Total Length 875 LF



BEGIN BRIDGE 030241
 STA. 1294+40.00 @ SURVEY SR 93
 END BRIDGE 030241
 STA. 1295+60.00 @ SURVEY SR 93

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

FALLER, DAVIS & ASSOCIATES, INC.
 4200 W. CYPRESS ST., SUITE 500
 TAMPA, FLORIDA 33607-4168
 PATRICIA T. CHRISTIE, P.E. NO.: 60049

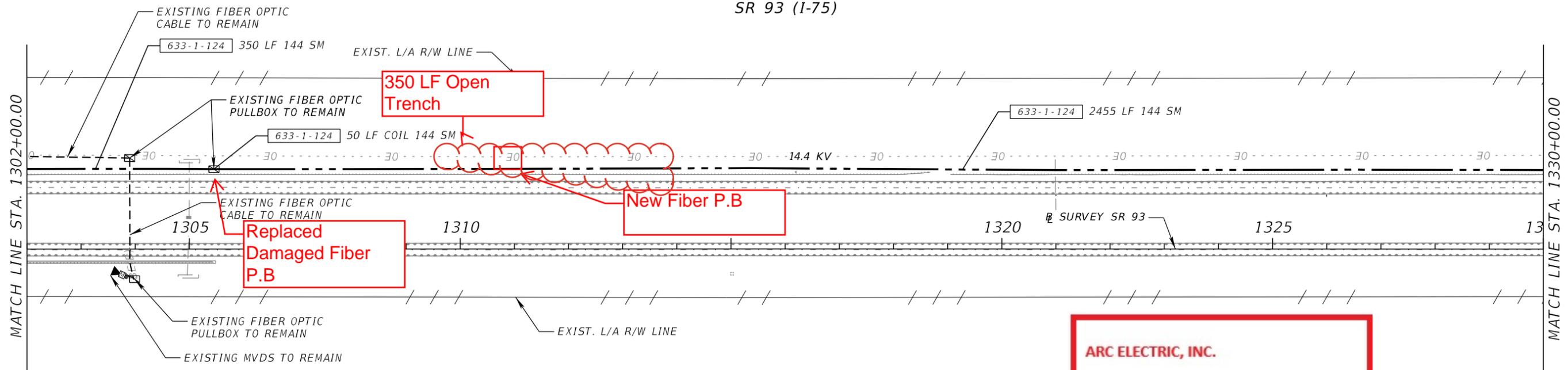
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 93	COLLIER	444008-3-52-01

**INTELLIGENT TRANSPORTATION
 SYSTEMS PLANS (23)**

SHEET NO.
 IT-30

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

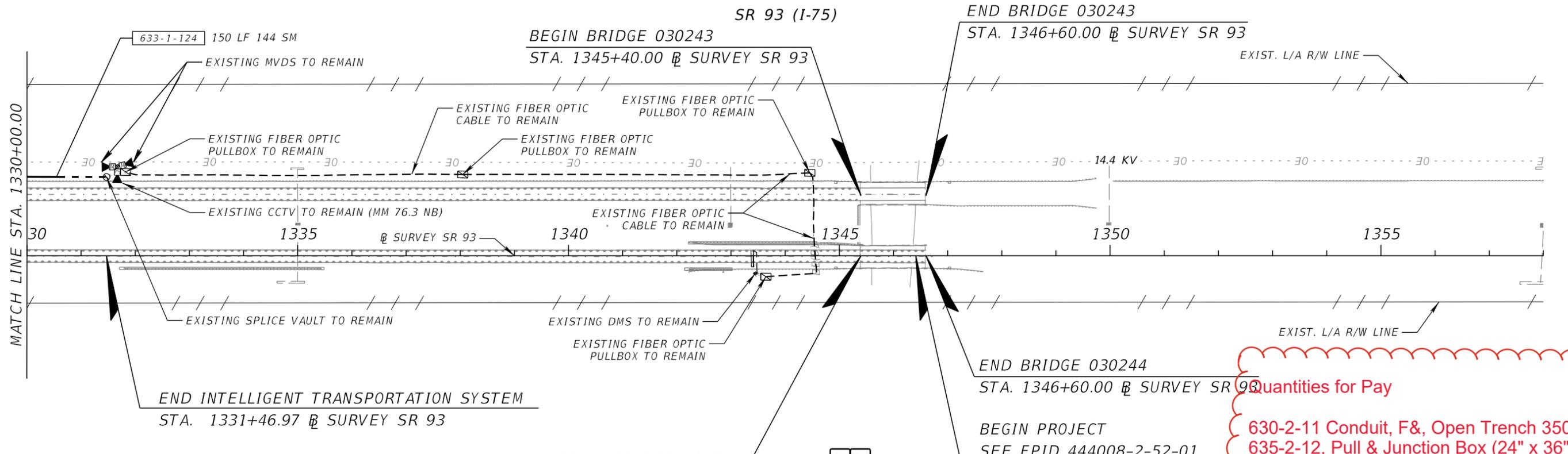
SR 93 (I-75)



ARC ELECTRIC, INC.
FINAL AS-BUILT PLANS
SUBMITTED BY: OMAR MCFARLANE
DATE: 11/21/2025



SR 93 (I-75)



Quantities for Pay
630-2-11 Conduit, F&, Open Trench 350 LF
635-2-12, Pull & Junction Box (24" x 36") 2 EA

NOTE: CONTINUATION OF THE FIBER OPTIC CABLE TO THE EAST WILL BE INSTALLED UNDER FPID 444008-2-52-01.



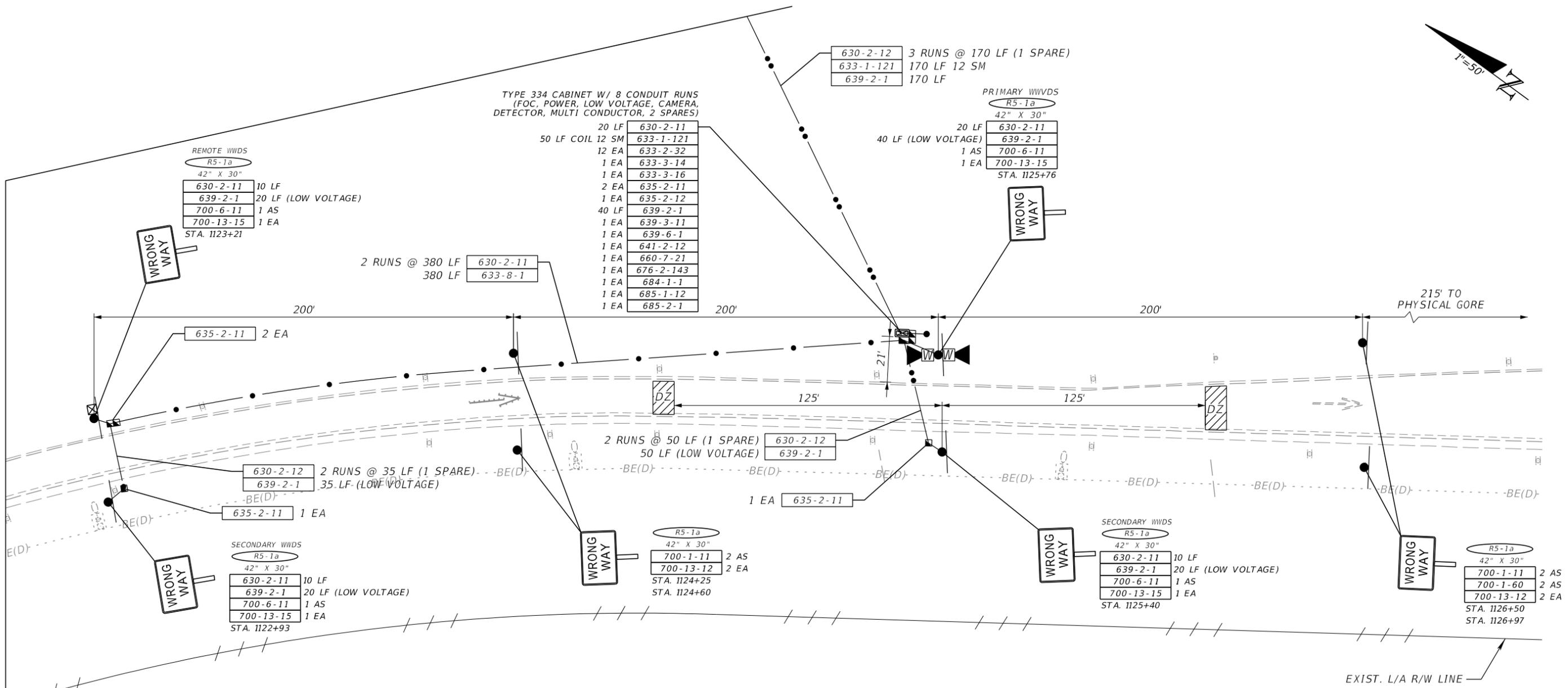
REVISIONS				FALLER, DAVIS & ASSOCIATES, INC. 4200 W. CYPRESS ST., SUITE 500 TAMPA, FLORIDA 33607-4168 PATRICIA T. CHRISTIE, P.E. NO.: 60049	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			INTELLIGENT TRANSPORTATION SYSTEMS PLANS (24)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 93	COLLIER	444008-3-52-01		IT-31

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OFF RAMP: SOUTH I-75 TO SR 29



MATCH LINE A (SEE INTELLIGENT TRANSPORTATION SYSTEMS PLANS 20)



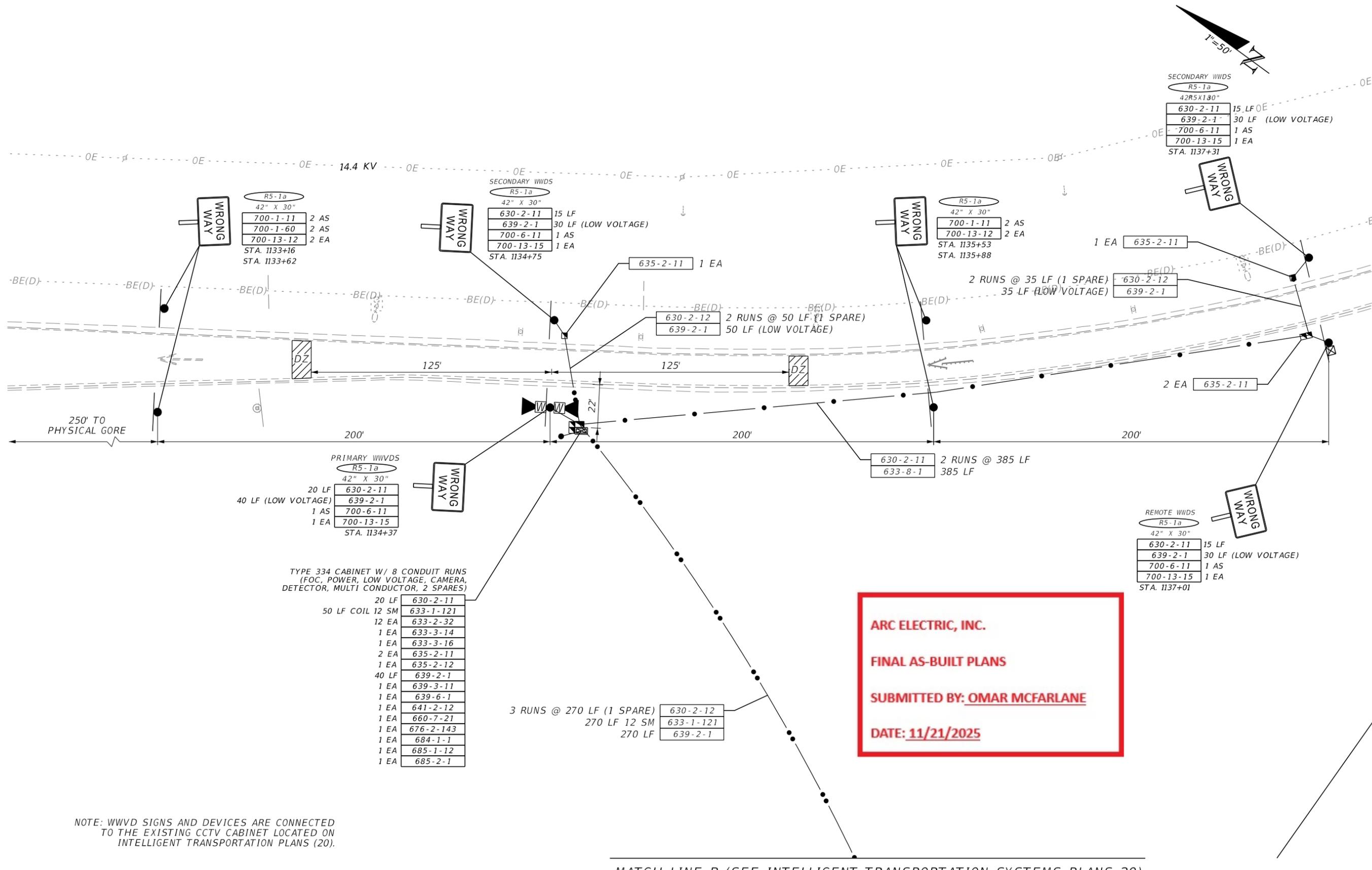
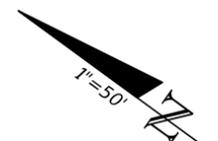
ARC ELECTRIC, INC.
FINAL AS-BUILT PLANS
SUBMITTED BY: OMAR MCFARLANE
DATE: 11/21/2025

NOTE: WWVD SIGNS AND DEVICES ARE CONNECTED TO THE EXISTING CCTV CABINET LOCATED ON INTELLIGENT TRANSPORTATION PLANS (20).

REVISIONS				FALLER, DAVIS & ASSOCIATES, INC. 4200 W. CYPRESS ST., SUITE 500 TAMPA, FLORIDA 33607-4168 PATRICIA T. CHRISTIE, P.E. NO.: 60049	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			INTELLIGENT TRANSPORTATION SYSTEMS PLANS (25)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		IT-32
					SR 93	COLLIER	444008-3-52-01		

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

OFF RAMP: NORTH I-75 TO SR 29



TYPE 334 CABINET W/ 8 CONDUIT RUNS (FOC, POWER, LOW VOLTAGE, CAMERA, DETECTOR, MULTI CONDUCTOR, 2 SPARES)

20 LF	630-2-11
50 LF COIL 12 SM	633-1-121
12 EA	633-2-32
1 EA	633-3-14
1 EA	633-3-16
2 EA	635-2-11
1 EA	635-2-12
40 LF	639-2-1
1 EA	639-3-11
1 EA	639-6-1
1 EA	641-2-12
1 EA	660-7-21
1 EA	676-2-143
1 EA	684-1-1
1 EA	685-1-12
1 EA	685-2-1

3 RUNS @ 270 LF (1 SPARE)	630-2-12
270 LF 12 SM	633-1-121
270 LF	639-2-1

ARC ELECTRIC, INC.
FINAL AS-BUILT PLANS
SUBMITTED BY: OMAR MCFARLANE
DATE: 11/21/2025

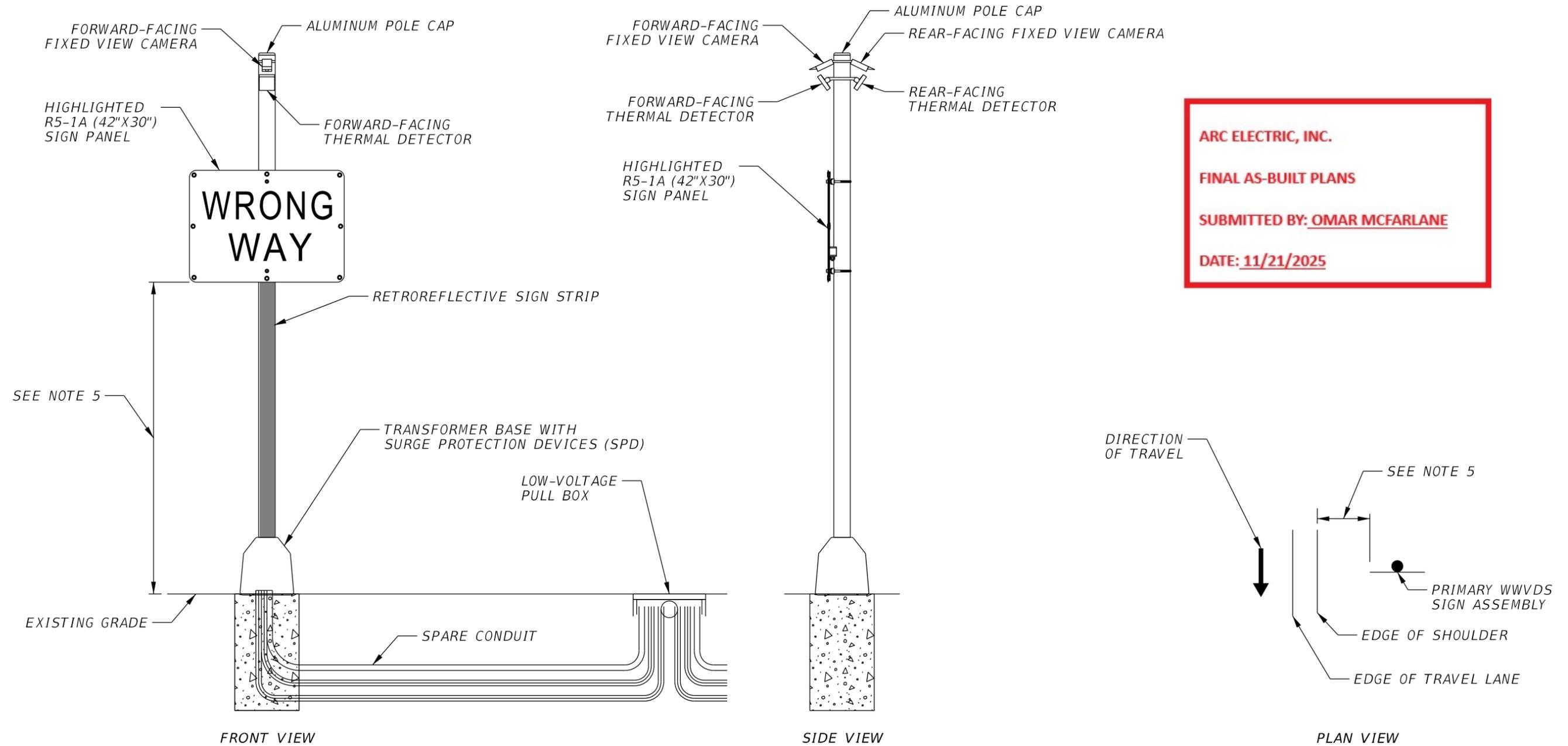
NOTE: WWVD SIGNS AND DEVICES ARE CONNECTED TO THE EXISTING CCTV CABINET LOCATED ON INTELLIGENT TRANSPORTATION PLANS (20).

MATCH LINE B (SEE INTELLIGENT TRANSPORTATION SYSTEMS PLANS 20)

MATCH LINE C (SEE INTELLIGENT TRANSPORTATION SYSTEMS PLANS 21)

REVISIONS				FALLER, DAVIS & ASSOCIATES, INC. 4200 W. CYPRESS ST., SUITE 500 TAMPA, FLORIDA 33607-4168 PATRICIA T. CHRISTIE, P.E. NO.: 60049	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			INTELLIGENT TRANSPORTATION SYSTEMS PLANS (26)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		IT-33
					SR 93	COLLIER	444008-3-52-01		

PRIMARY WRONG WAY VEHICLE DETECTION SYSTEM (WWVDS) DETAIL
NTS



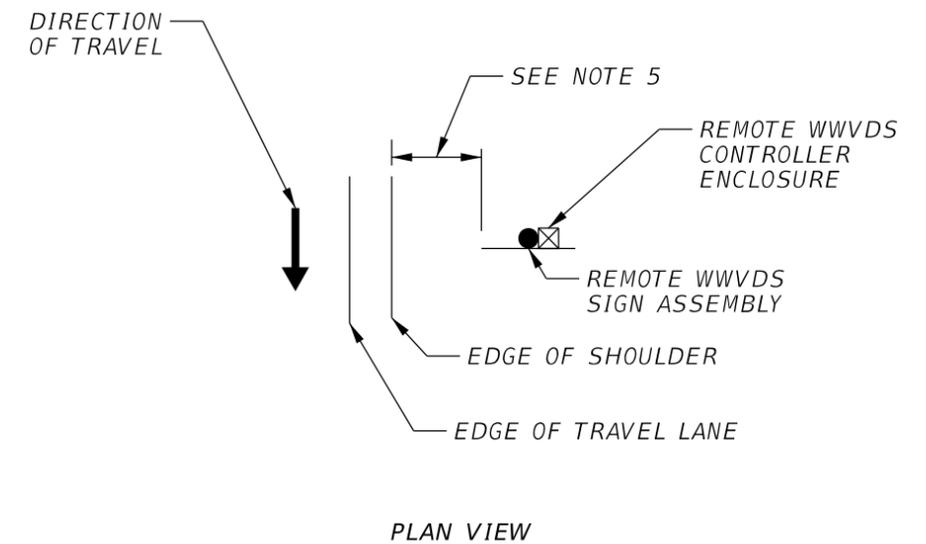
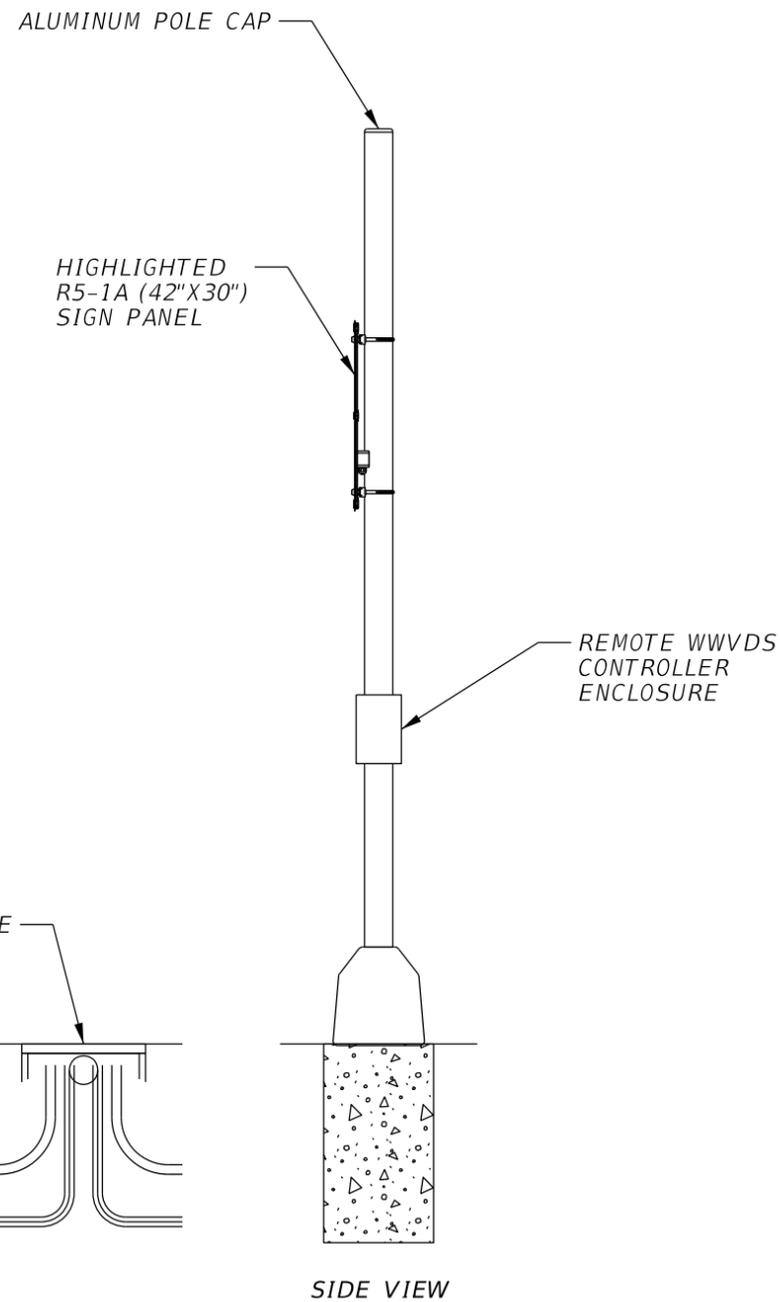
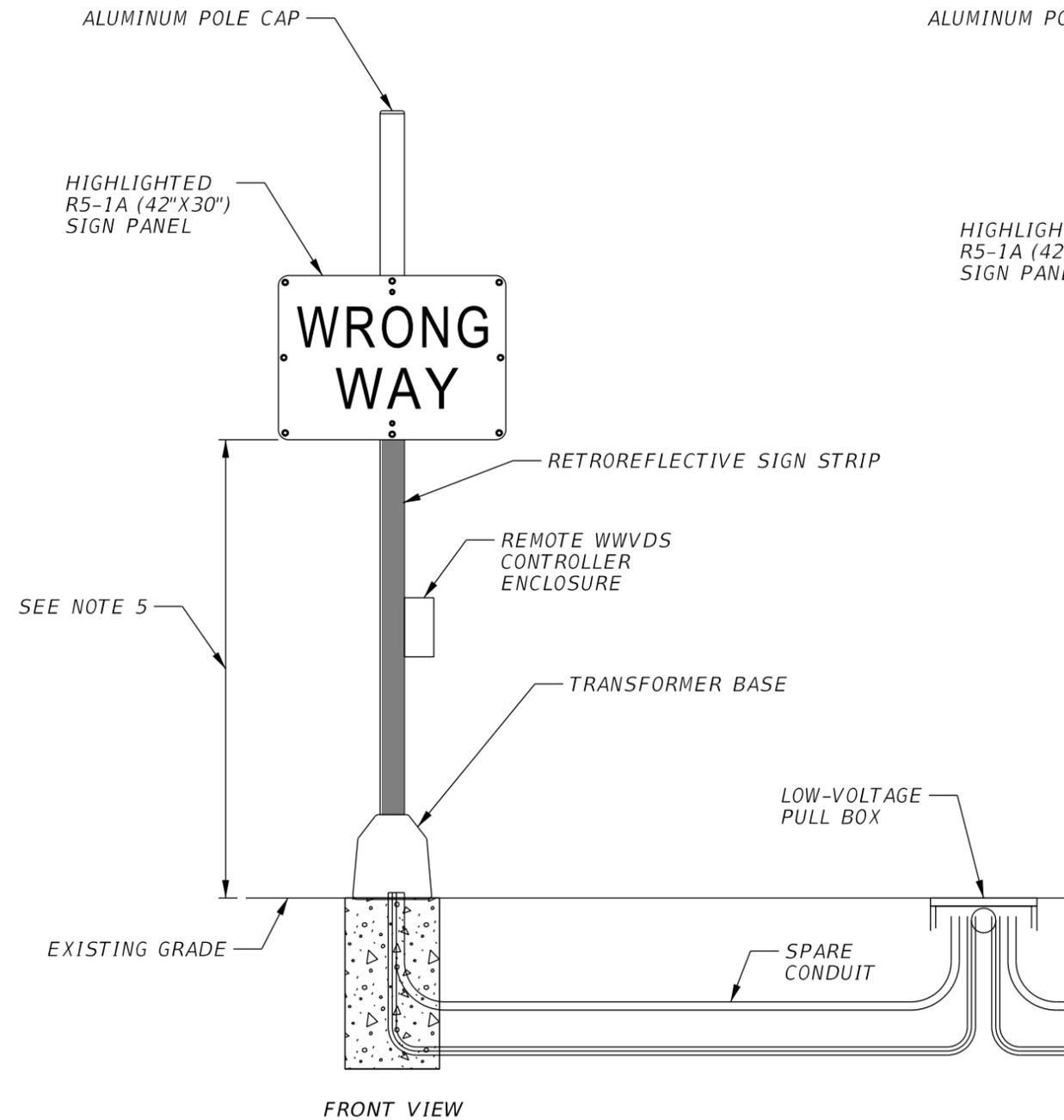
ARC ELECTRIC, INC.
FINAL AS-BUILT PLANS
SUBMITTED BY: OMAR MCFARLANE
DATE: 11/21/2025

NOTES:

1. WWVDS TO BE GROUNDED PER SECTION 620 OF THE STANDARD SPECIFICATIONS.
2. WWVDS INFRASTRUCTURE TO BE MOUNTED PER THE MANUFACTURER'S RECOMMENDATIONS.
3. IF REQUIRED, HOLES DRILLED IN SIGN COLUMN FOR WIRE ENTRY SHALL USE A BUSHING OR RUBBER GROMMET TO PROTECT CONDUCTORS.
4. SHOP DRAWINGS SHALL BE SUBMITTED TO THE EOR FOR REVIEW.
5. SEE STANDARD PLAN INDEX 700-101 FOR SIGN PLACEMENT AND MOUNTING HEIGHT REQUIREMENTS.
6. SEE STANDARD PLAN INDEX 700-120 FOR ADDITIONAL DETAILS.

REVISIONS				FALLER, DAVIS & ASSOCIATES, INC. 2301 MAITLAND CENTER PKWY., SUITE 265 MAITLAND, FLORIDA 32751 NICHOLAS J. SPATOLA, P.E. NO.: 76103	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. IT-34
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 93	COLLIER	444008-3-52-01	

REMOTE WRONG WAY VEHICLE DETECTION SYSTEM (WWVDS) DETAIL
NTS



ARC ELECTRIC, INC.
FINAL AS-BUILT PLANS
SUBMITTED BY: OMAR MCFARLANE
DATE: 01/17/2025

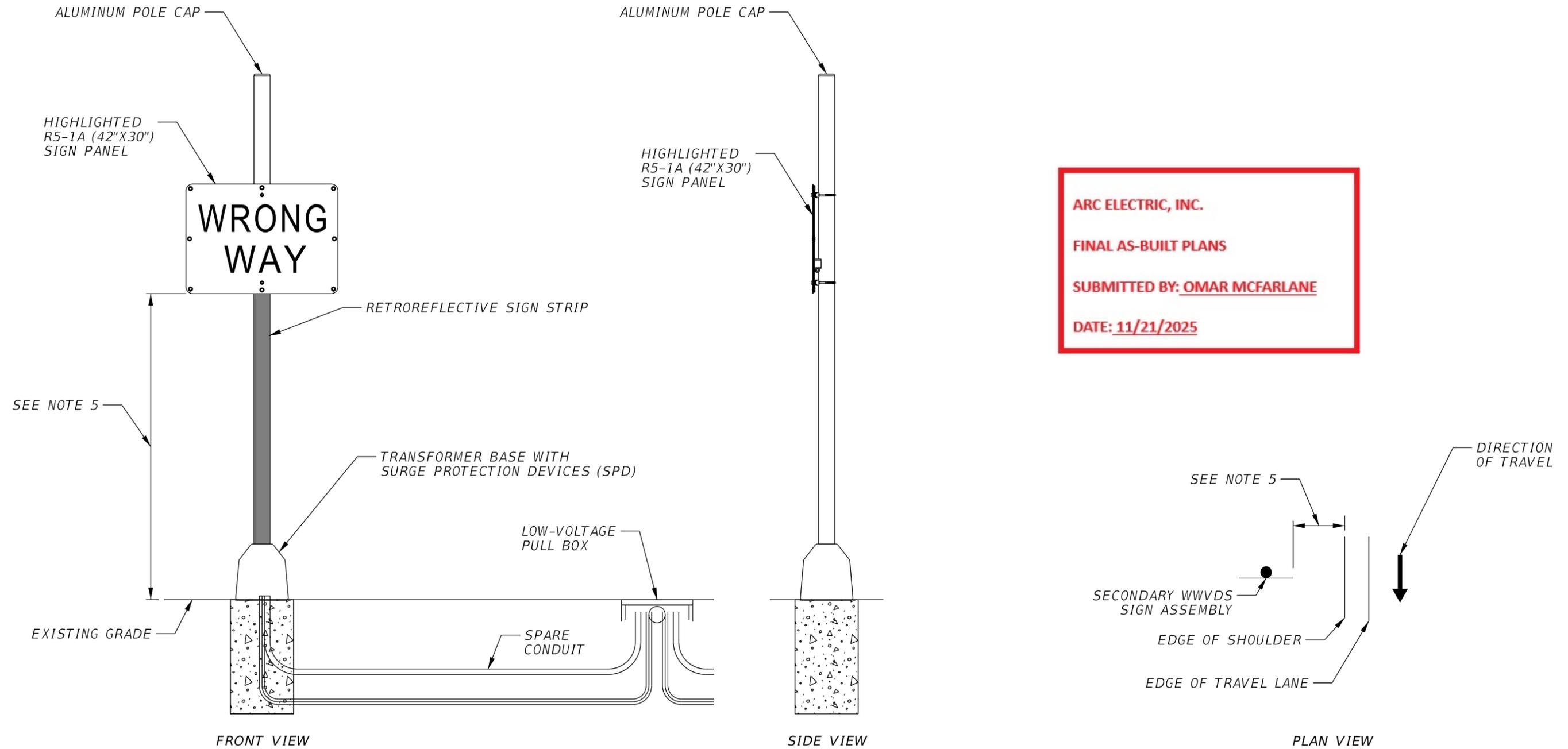
NOTES:

1. WWVDS TO BE GROUNDED PER SECTION 620 OF THE STANDARD SPECIFICATIONS.
2. WWVDS INFRASTRUCTURE TO BE MOUNTED PER THE MANUFACTURER'S RECOMMENDATIONS.
3. IF REQUIRED, HOLES DRILLED IN SIGN COLUMN FOR WIRE ENTRY SHALL USE A BUSHING OR RUBBER GROMMET TO PROTECT CONDUCTORS.
4. SHOP DRAWINGS SHALL BE SUBMITTED TO THE EOR FOR REVIEW.
5. SEE STANDARD PLAN INDEX 700-101 FOR SIGN PLACEMENT AND MOUNTING HEIGHT REQUIREMENTS.
6. SEE STANDARD PLAN INDEX 700-120 FOR ADDITIONAL DETAILS.

REVISIONS				FALLER, DAVIS & ASSOCIATES, INC. 2301 MAITLAND CENTER PKWY., SUITE 265 MAITLAND, FLORIDA 32751 NICHOLAS J. SPATOLA, P.E. NO.: 76103	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. IT-35
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 93	COLLIER	444008-3-52-01	

WWVDS DETAIL (2)

SECONDARY WRONG WAY VEHICLE DETECTION SYSTEM (WWVDS) DETAIL
NTS



NOTES:

1. WWVDS TO BE GROUNDED PER SECTION 620 OF THE STANDARD SPECIFICATIONS.
2. WWVDS INFRASTRUCTURE TO BE MOUNTED PER THE MANUFACTURER'S RECOMMENDATIONS.
3. IF REQUIRED, HOLES DRILLED IN SIGN COLUMN FOR WIRE ENTRY SHALL USE A BUSHING OR RUBBER GROMMET TO PROTECT CONDUCTORS.
4. SHOP DRAWINGS SHALL BE SUBMITTED TO THE EOR FOR REVIEW.
5. SEE STANDARD PLAN INDEX 700-101 FOR SIGN PLACEMENT AND MOUNTING HEIGHT REQUIREMENTS.
6. SEE STANDARD PLAN INDEX 700-120 FOR ADDITIONAL DETAILS.

REVISIONS				FALLER, DAVIS & ASSOCIATES, INC. 2301 MAITLAND CENTER PKWY., SUITE 265 MAITLAND, FLORIDA 32751 NICHOLAS J. SPATOLA, P.E. NO.: 76103	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			WWVDS DETAIL (3)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		IT-36
					SR 93	COLLIER	444008-3-52-01		

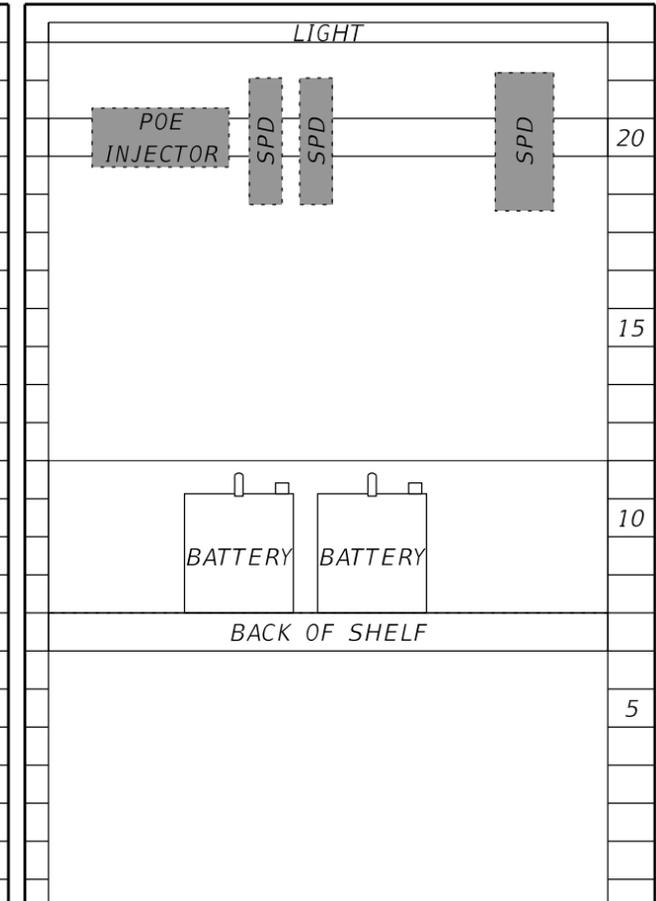
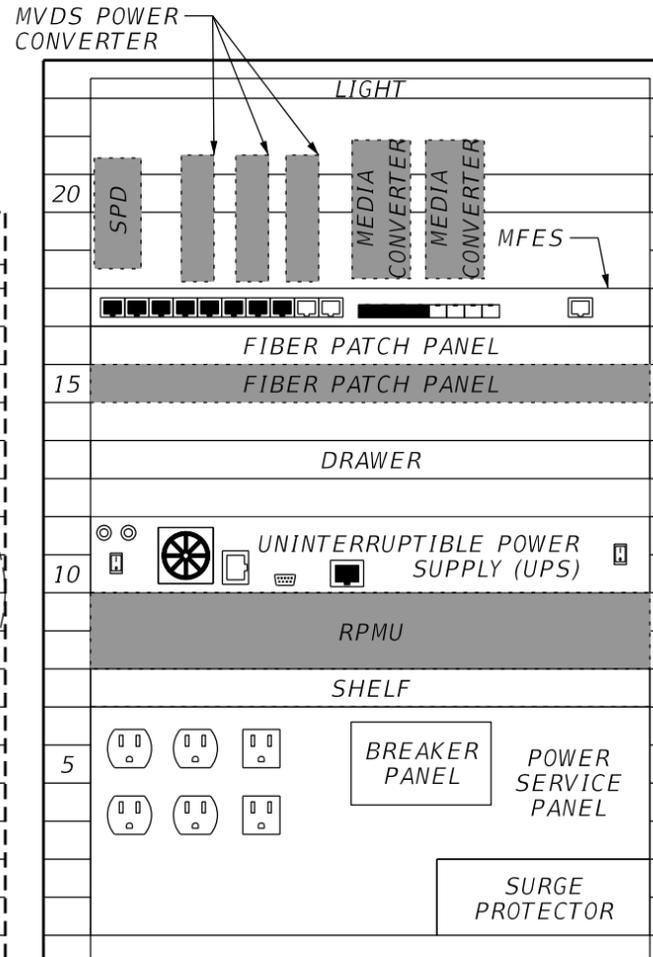
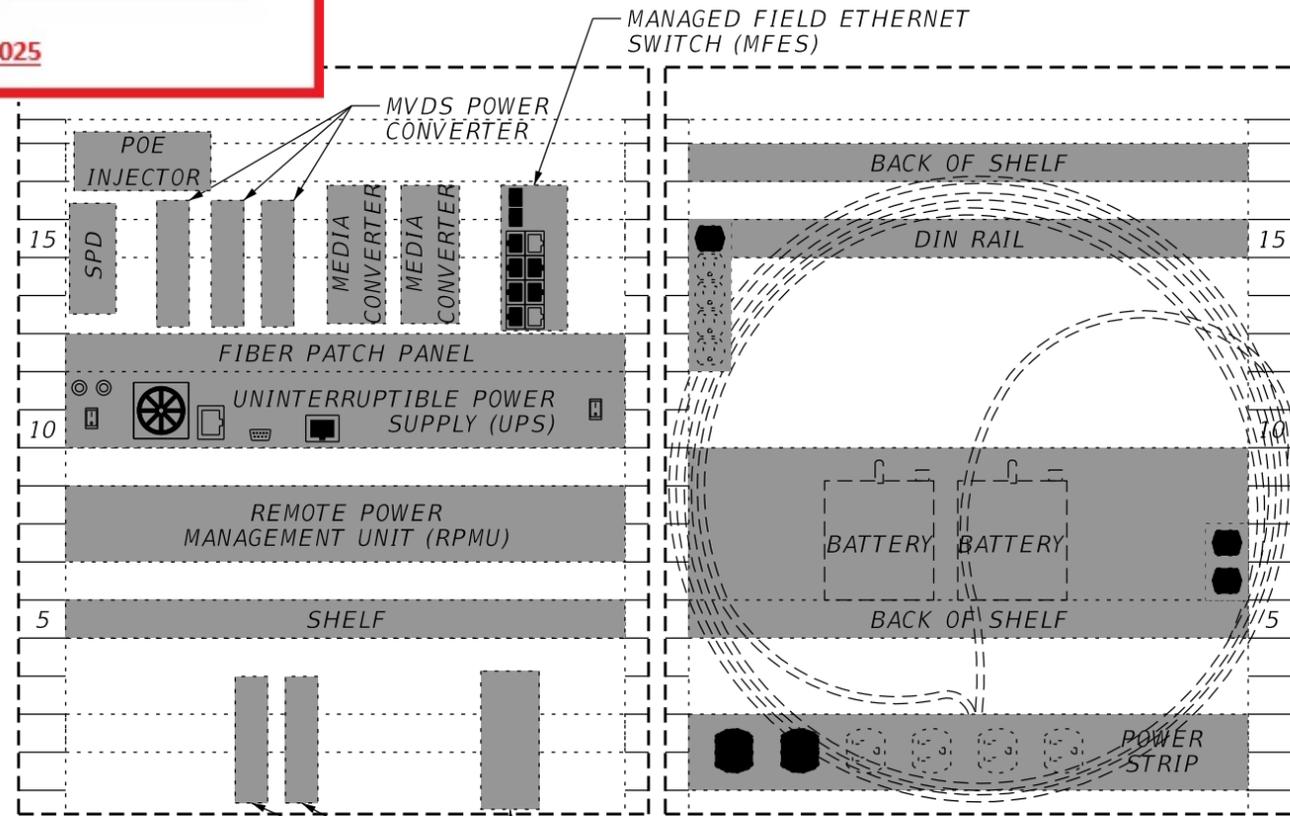
FRONT VIEW OF EXISTING ITS CABINET

REAR VIEW OF EXISTING ITS CABINET

FRONT VIEW OF PROPOSED TYPE 336S CABINET

REAR VIEW OF PROPOSED TYPE 336S CABINET

ARC ELECTRIC, INC.
FINAL AS-BUILT PLANS
SUBMITTED BY: OMAR MCFARLANE
DATE: 11/21/2025



LEGEND

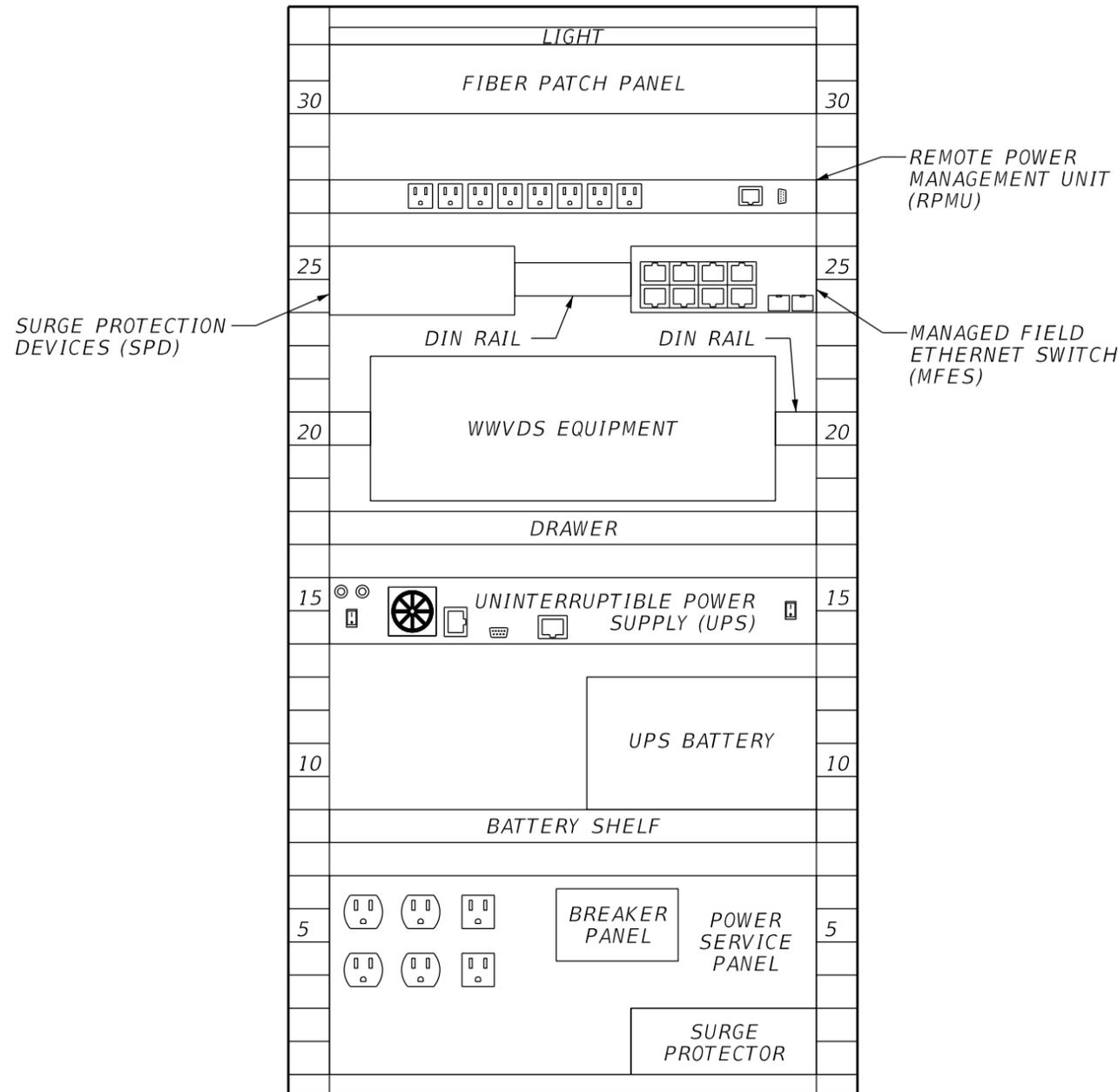
- EXISTING EQUIPMENT
- PROPOSED EQUIPMENT
- AVAILABLE 120 V OUTLET
- UNAVAILABLE 120 V OUTLET
- PROPOSED NETWORK CONNECTION
- PROPOSED POWER CONNECTION
- AVAILABLE SFC/RJ45 PORT
- UNAVAILABLE SFC/RJ45 PORT

NOTES:

1. EXISTING ITS CABINET TO BE REMOVED. EXISTING EQUIPMENT TO BE RELOCATED TO PROPOSED ITS CABINET UNLESS OTHERWISE SHOWN.
2. EXISTING CONNECTIONS TO BE REESTABLISHED FOR RELOCATED EQUIPMENT. CONNECT WWVDS USING PROPOSED FIBER PATCH PANEL AND PROPOSED MFES.
3. DISCONNECT AND RECONNECT EXISTING FIBER OPTIC DROP CABLE TO EXISTING PATCH PANEL RELOCATED TO PROPOSED CABINET.
4. PROPOSED EQUIPMENT SHALL BE COMPATIBLE WITH EXISTING SYSTEM. IP ADDRESSES AND PORT ASSIGNMENTS ARE TO BE COORDINATED WITH FDOT DISTRICT 1 AT (239) 225-1900.

REVISIONS				FALLER, DAVIS & ASSOCIATES, INC. 2301 MAITLAND CENTER PKWY., SUITE 265 MAITLAND, FLORIDA 32751 NICHOLAS J. SPATOLA, P.E. NO.: 76103	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. IT-37
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 93	COLLIER	444008-3-52-01	

TYPICAL PRIMARY WRONG WAY VEHICLE DETECTION SYSTEM (WWVDS)
TYPE 334 CABINET INSTALLATION DETAILS



LEGEND:

PROPOSED EQUIPMENT

120 V OUTLET

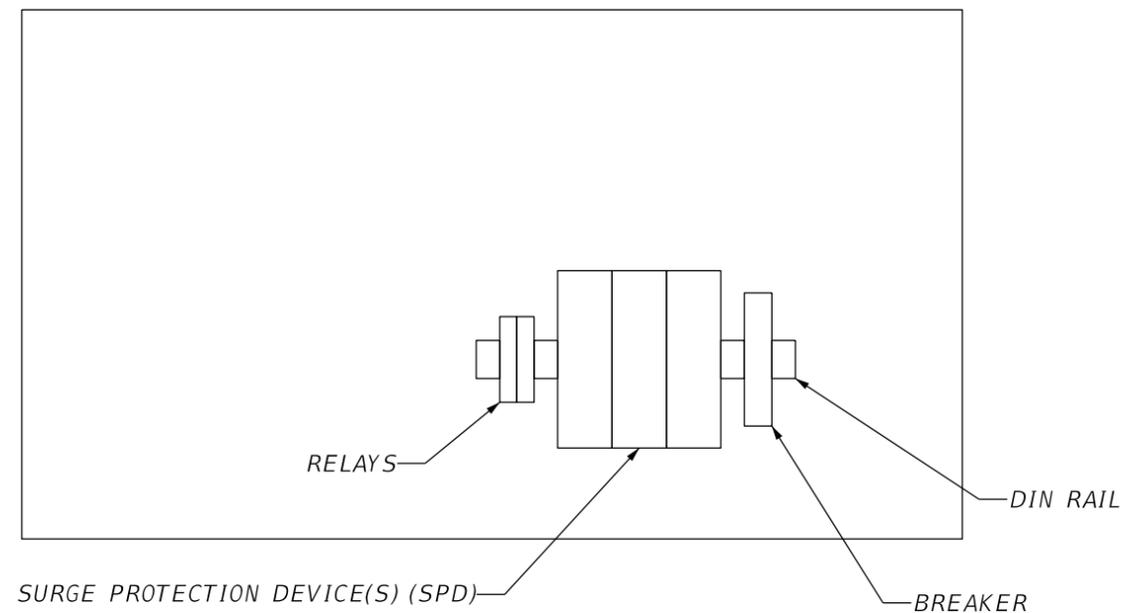
AVAILABLE SFP/RJ45 PORT

NOTE:

NUMBER OF BATTERIES MAY VARY.

ARC ELECTRIC, INC.
FINAL AS-BUILT PLANS
SUBMITTED BY: OMAR MCFARLANE
DATE: 11/21/2025

TYPICAL REMOTE WRONG WAY VEHICLE DETECTION SYSTEM (WWVDS)
ENCLOSURE DETAILS

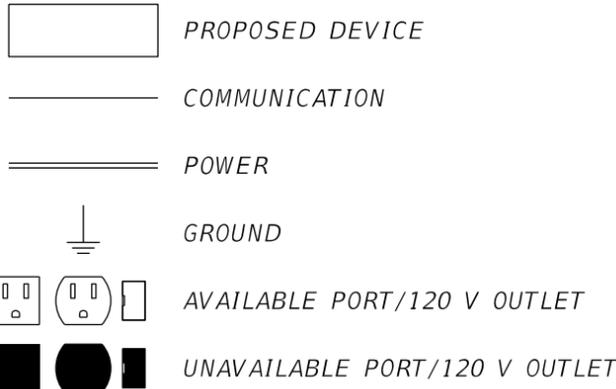


NOTE:

SIZE CABINET TO HOUSE ALL REQUIRED EQUIPMENT PER MANUFACTURER'S RECOMMENDATIONS. CABINET TYPE AND MATERIAL SHOULD AT A MINIMUM MEET THE REQUIREMENTS OF SECTION 676 OF THE FDOT STANDARD SPECIFICATIONS.

REVISIONS				FALLER, DAVIS & ASSOCIATES, INC. 2301 MAITLAND CENTER PKWY., SUITE 265 MAITLAND, FLORIDA 32751 NICHOLAS J. SPATOLA, P.E. NO.: 76103	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			WWVDS DETAIL (5)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		IT-38
					SR 93	COLLIER	444008-3-52-01		

LEGEND

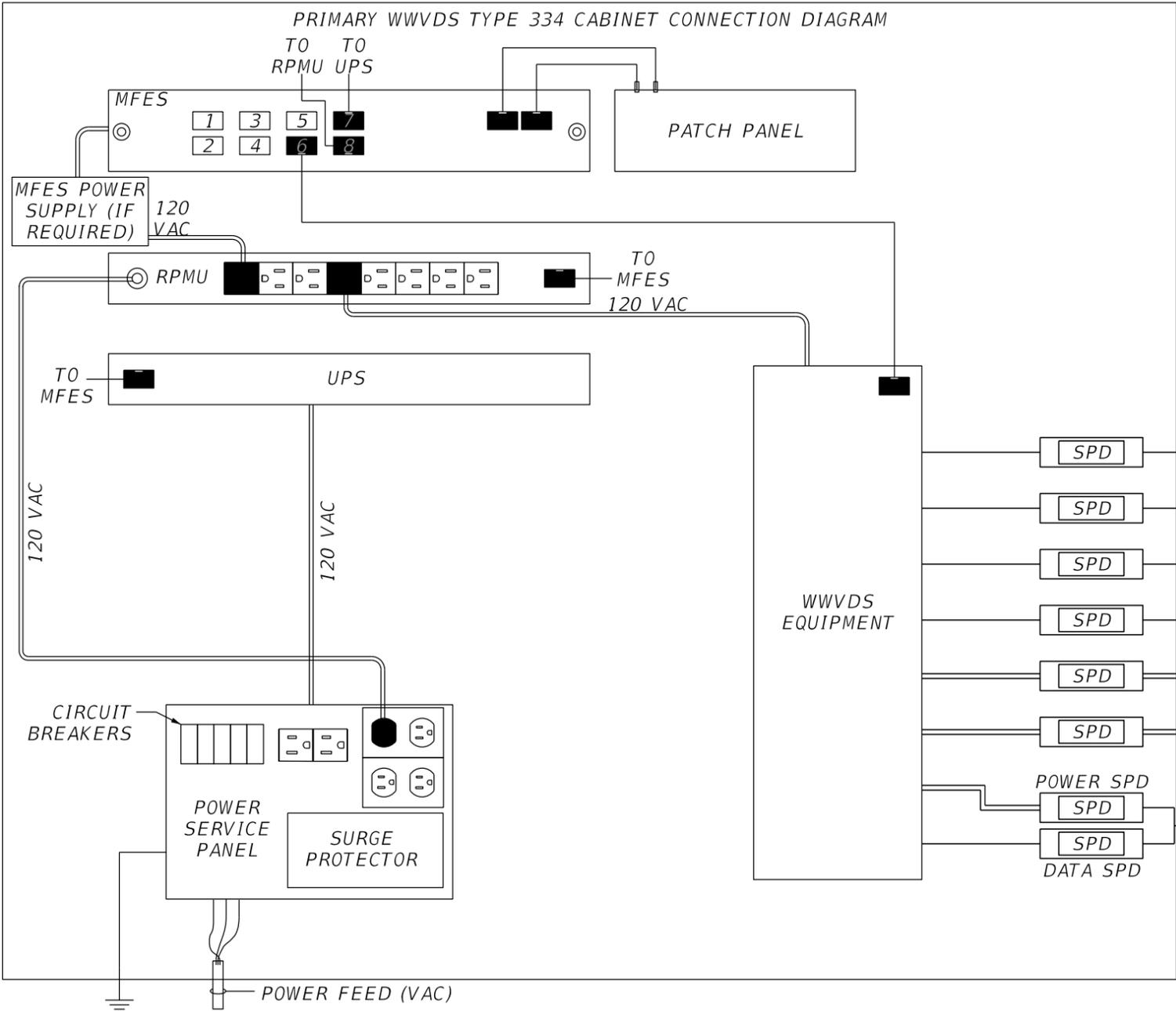


PRIMARY WRONG WAY VEHICLE DETECTION SYSTEM (WWVDS) WIRING DIAGRAM

ACRONYMS

- MFES MANAGED FIELD ETHERNET SWITCH
 RPMU REMOTE POWER MANAGEMENT UNIT
 SPD SURGE PROTECTION DEVICE
 UPS UNINTERRUPTIBLE POWER SUPPLY
 VAC VOLTAGE ALTERNATING CURRENT

ARC ELECTRIC, INC.
FINAL AS-BUILT PLANS
SUBMITTED BY: OMAR MCFARLANE
DATE: 11/21/2025



NOTES:

1. WWVDS CONNECTIONS TO MEET MANUFACTURER'S RECOMMENDATIONS.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

FALLER, DAVIS & ASSOCIATES, INC.
 2301 MAITLAND CENTER PKWY., SUITE 265
 MAITLAND, FLORIDA 32751
 NICHOLAS J. SPATOLA, P.E. NO.: 76103

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 93	COLLIER	444008-3-52-01

WWVDS DETAIL (6)
 SHEET NO. IT-39

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REMOTE WRONG WAY VEHICLE DETECTION SYSTEM (WWVDS) WIRING DIAGRAM

LEGEND

- PROPOSED DEVICE
- COMMUNICATION
- POWER

ACRONYMS

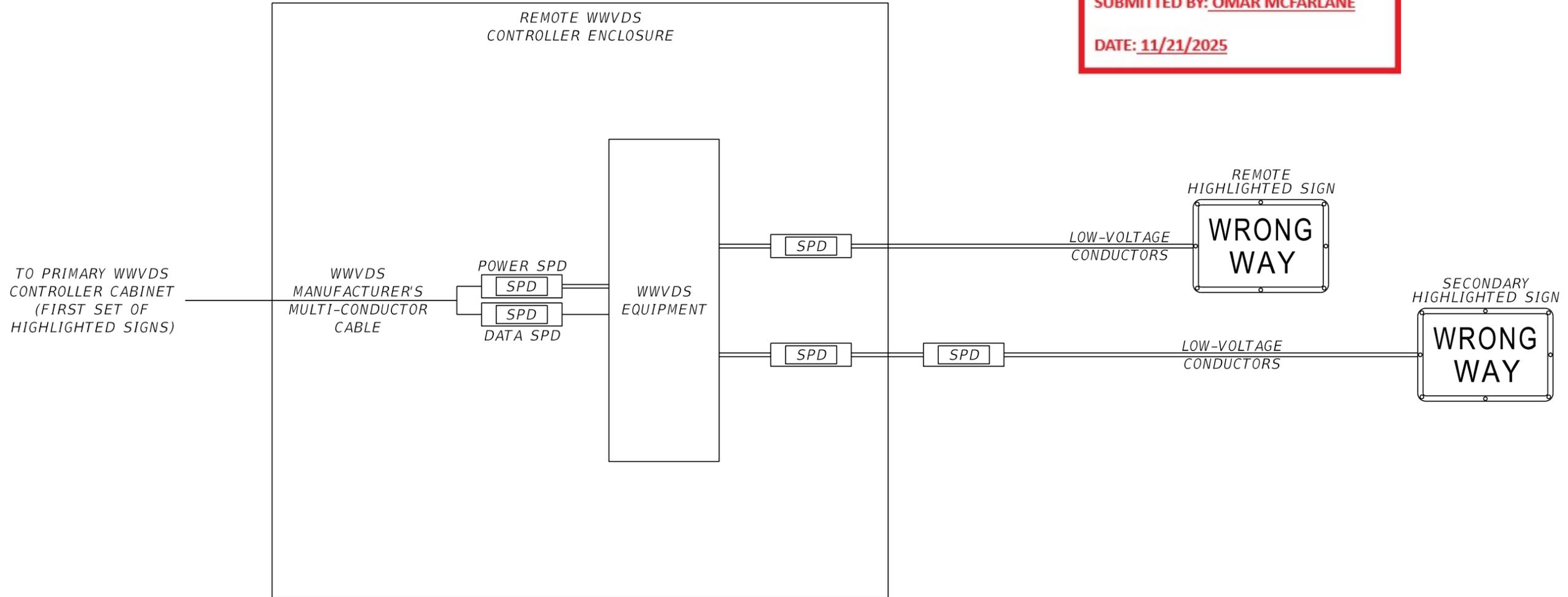
SPD SURGE PROTECTION DEVICE

ARC ELECTRIC, INC.

FINAL AS-BUILT PLANS

SUBMITTED BY: OMAR MCFARLANE

DATE: 11/21/2025



NOTES:

1. WWVDS CONNECTIONS TO MEET MANUFACTURER'S RECOMMENDATIONS.

REVISIONS				FALLER, DAVIS & ASSOCIATES, INC. 2301 MAITLAND CENTER PKWY., SUITE 265 MAITLAND, FLORIDA 32751 NICHOLAS J. SPATOLA, P.E. NO.: 76103	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			WWVDS DETAIL (7)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		IT-40
					SR 93	COLLIER	444008-3-52-01		

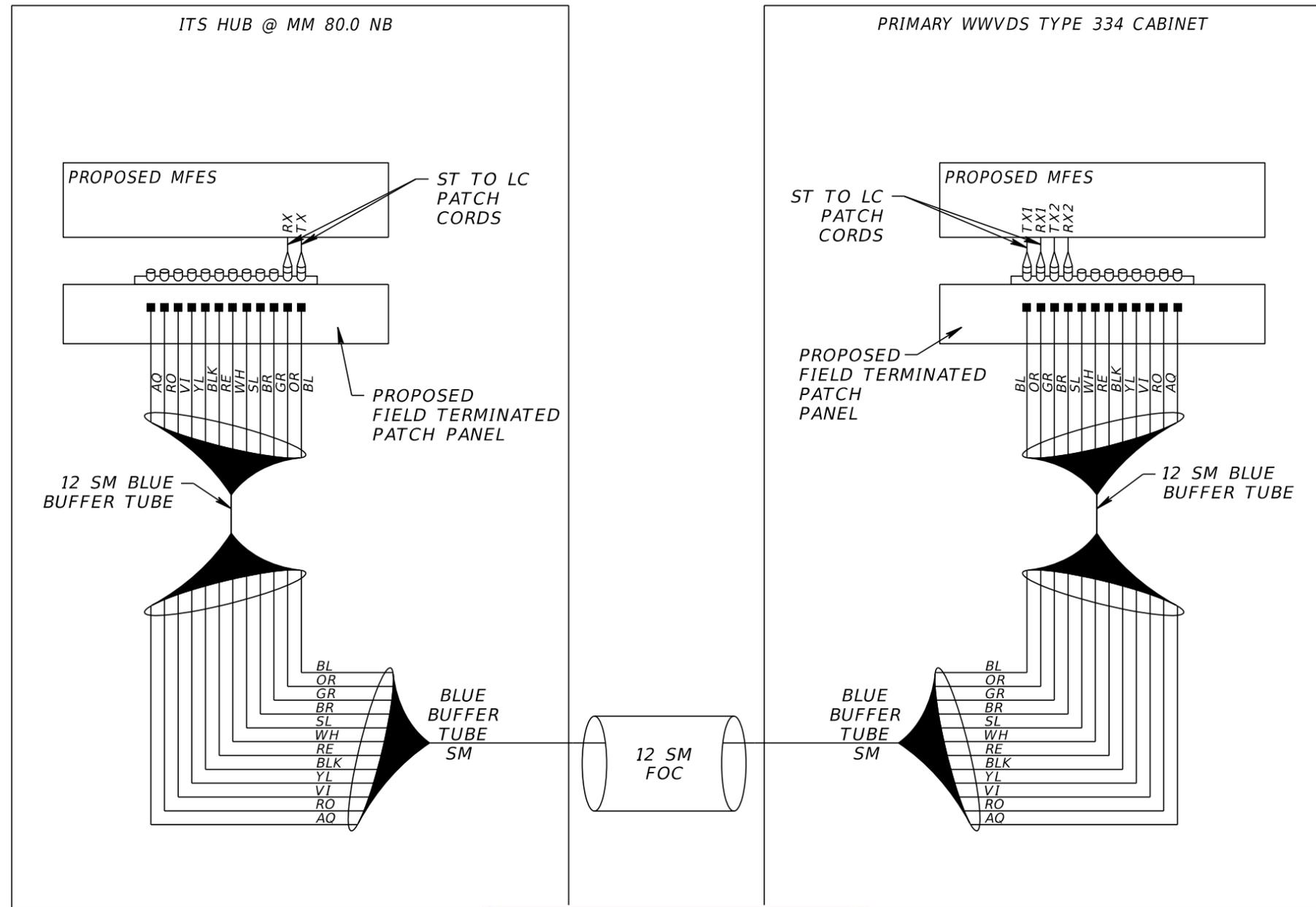
PRIMARY WRONG WAY VEHICLE DETECTION SYSTEM (WWVDS) TYPICAL SPLICE DIAGRAM

LEGEND

- = FUSION SPLICE
- = EXISTING FUSION SPLICE
- × = NON-CONNECTED FIBER
- = PRE-TERMINATED CONNECTION
- = PROPOSED TERMINATION
- = PROPOSED CABLE/EQUIPMENT
- - = EXISTING CABLE/EQUIPMENT
- MFES = MANAGED FIELD ETHERNET SWITCH
- SM = SINGLE MODE
- MM = MULTIMODE
- ST = STRAIGHT TIP CONNECTOR
- SC = SQUARE CONNECTOR
- LC = LUCENT CONNECTOR
- FOC = FIBER OPTIC CABLE
- TX = TRANSMIT
- RX = RECEIVE
- BL = BLUE
- OR = ORANGE
- GR = GREEN
- BR = BROWN
- SL = SLATE
- WH = WHITE
- RE = RED
- BLK = BLACK
- YL = YELLOW
- VI = VIOLET
- RO = ROSE
- AQ = AQUA

NOTES:

1. UNUSED BUFFER TUBES SHALL BE COILED AND STORED IN ENCLOSURE OR PATCH PANEL UNLESS OTHERWISE SHOWN.
2. ALL EXISTING FIBER OPTIC SPLICES AND TERMINATIONS TO REMAIN UNLESS OTHERWISE SHOWN.
3. ALL EXISTING CONNECTIONS ARE TO REMAIN UNLESS OTHERWISE NOTED.
4. FOC SHALL NOT BE COILED INSIDE THE CABINET. FOC SHALL BE COILED AND STORED IN THE SPLICE BOX OR SPLICE VAULT ADJACENT TO THE CABINET.

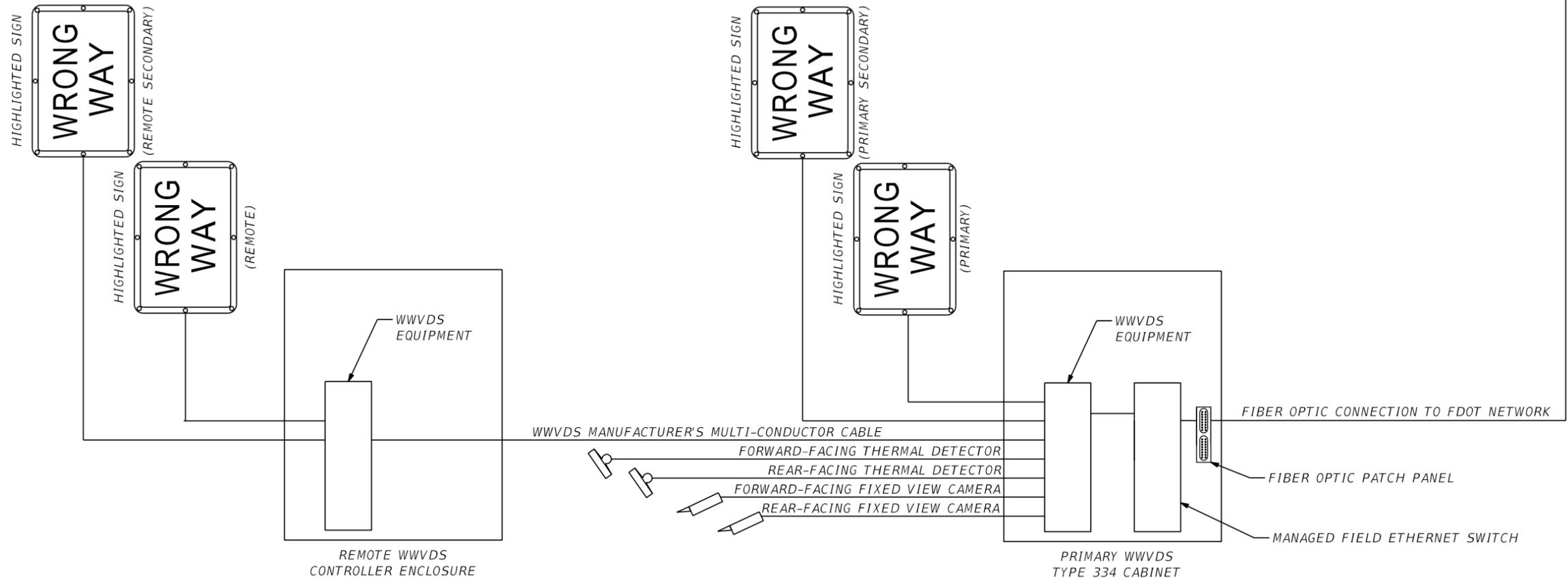
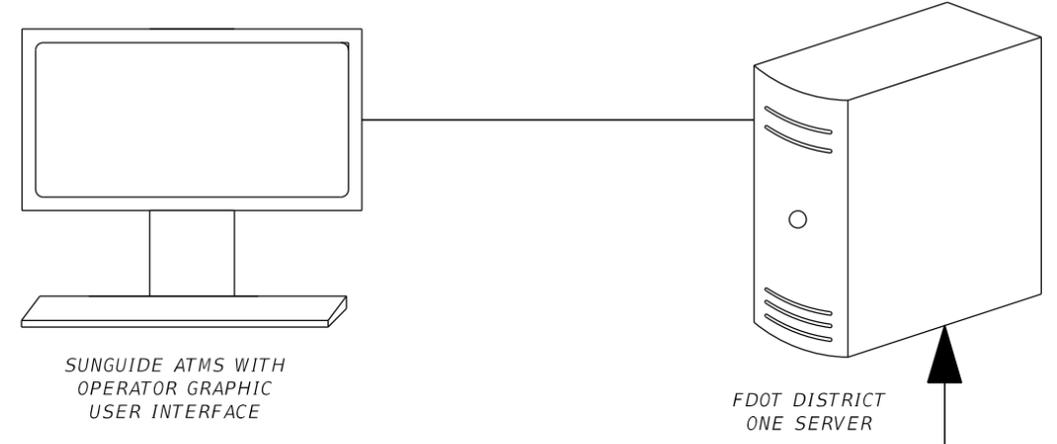


ARC ELECTRIC, INC.
FINAL AS-BUILT PLANS
SUBMITTED BY: OMAR MCFARLANE
DATE: 11/21/2025

REVISIONS				FALLER, DAVIS & ASSOCIATES, INC. 2301 MAITLAND CENTER PKWY., SUITE 265 MAITLAND, FLORIDA 32751 NICHOLAS J. SPATOLA, P.E. NO.: 76103	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SPLICE DIAGRAM	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		IT-41
					SR 93	COLLIER	444008-3-52-01		

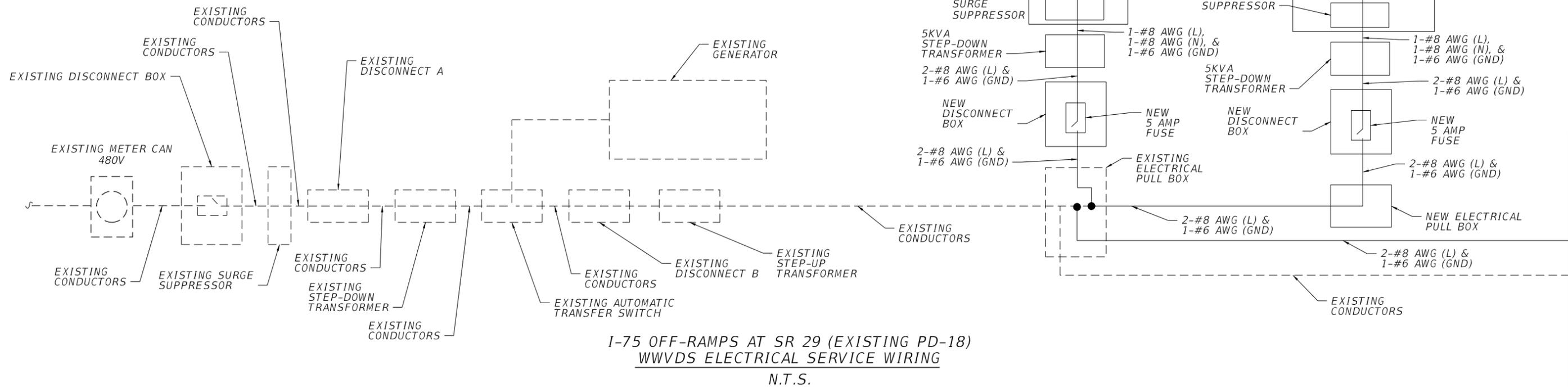
WRONG WAY VEHICLE DETECTION SYSTEM (WWVDS) NETWORK DIAGRAM

ARC ELECTRIC, INC.
FINAL AS-BUILT PLANS
SUBMITTED BY: OMAR MCFARLANE
DATE: 11/21/2025

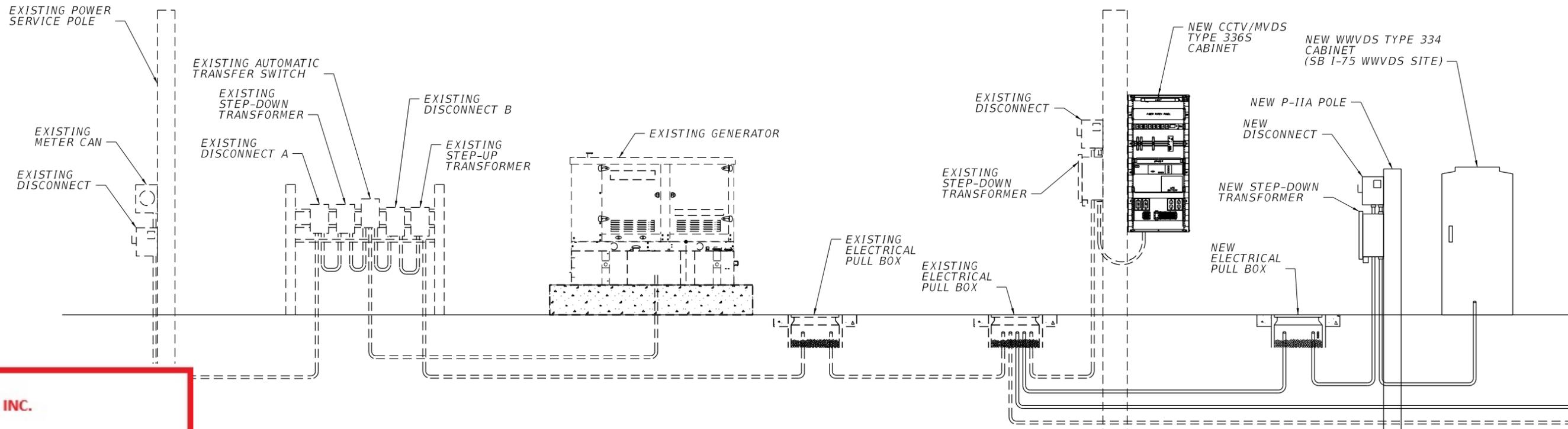


REVISIONS				FALLER, DAVIS & ASSOCIATES, INC. 2301 MAITLAND CENTER PKWY., SUITE 265 MAITLAND, FLORIDA 32751 NICHOLAS J. SPATOLA, P.E. NO.: 76103	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			WWVDS NETWORK COMMUNICATION DIAGRAM	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		IT-42
					SR 93	COLLIER	444008-3-52-01		

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I-75 OFF-RAMPS AT SR 29 (EXISTING PD-18)
 WWVDS ELECTRICAL SERVICE WIRING
 N.T.S.



I-75 OFF-RAMPS AT SR 29 (EXISTING PD-18)
 WWVDS ELECTRICAL SERVICE LAYOUT
 N.T.S.

ARC ELECTRIC, INC.
FINAL AS-BUILT PLANS
SUBMITTED BY: OMAR MCFARLANE
DATE: 11/21/2025

REVISIONS	
DATE	DESCRIPTION

VIBE
 6914 WEST LINBAUGH AVENUE
 TAMPA, FL 33625
 NATHAN J. POOLE, P.E. NO.: 79444

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 93	COLLIER	444008-3-52-01

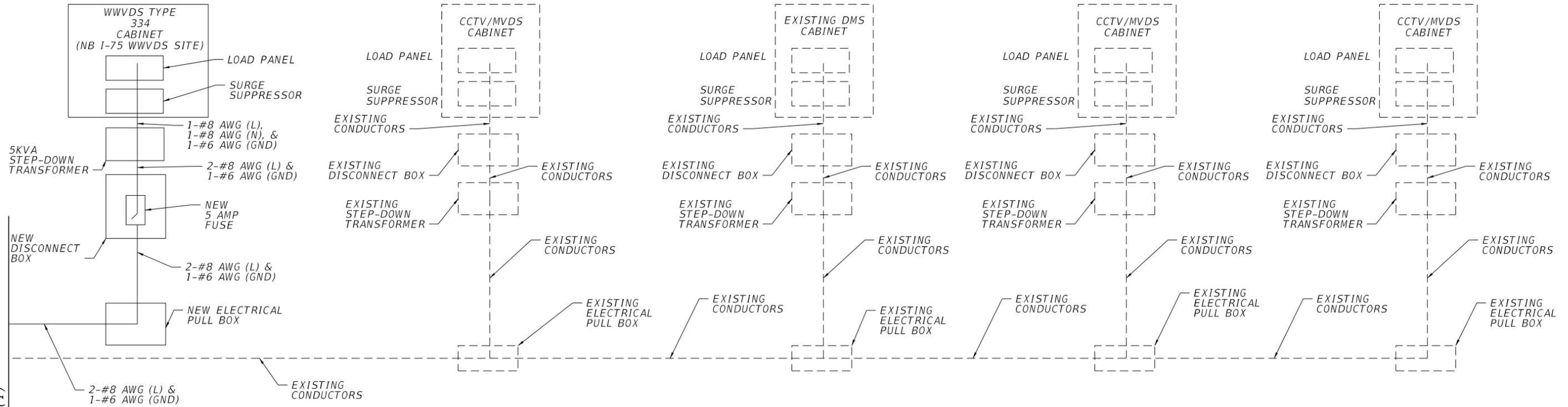
**ELECTRICAL SERVICE
 DETAIL (1)**

SHEET NO.
 IT-43

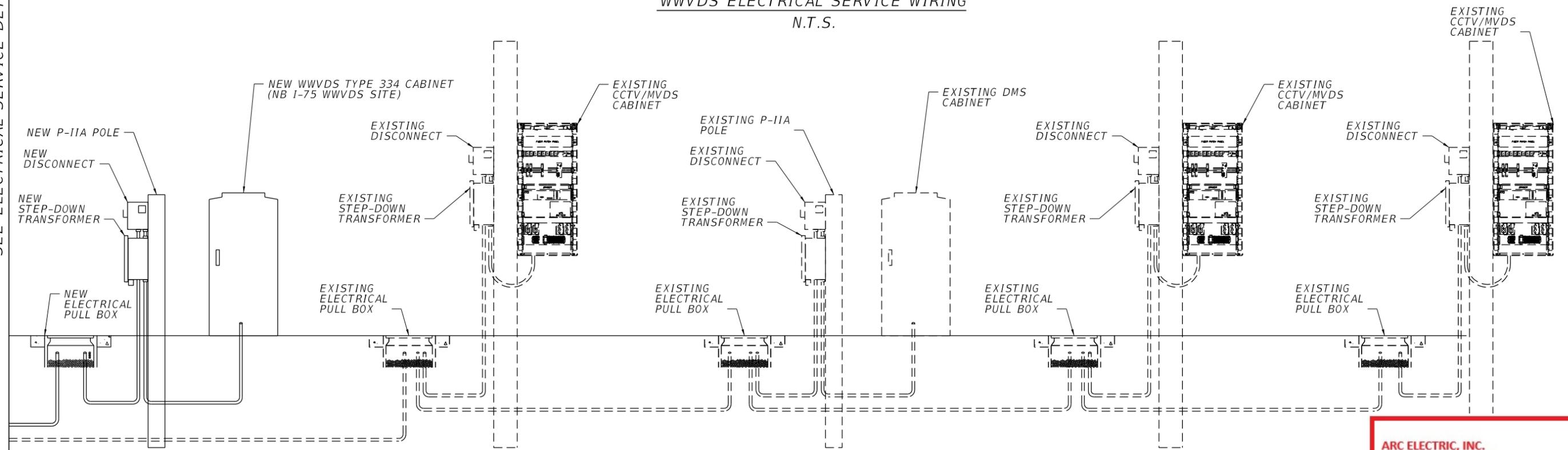
SEE ELECTRICAL SERVICE DETAIL (2)

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SEE ELECTRICAL SERVICE DETAIL (1)



**I-75 OFF-RAMPS AT SR 29 (EXISTING PD-18)
 WWVDS ELECTRICAL SERVICE WIRING
 N.T.S.**



**I-75 OFF-RAMPS AT SR 29 (EXISTING PD-18)
 WWVDS ELECTRICAL SERVICE LAYOUT
 N.T.S.**

ARC ELECTRIC, INC.
FINAL AS-BUILT PLANS
SUBMITTED BY: OMAR MCFARLANE
DATE: 11/21/2025

REVISIONS				VIBE 6914 WEST LINBAUGH AVENUE TAMPA, FL 33625 NATHAN J. POOLE, P.E. NO.: 79444	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ELECTRICAL SERVICE DETAIL (2)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 93	COLLIER		444008-3-52-01