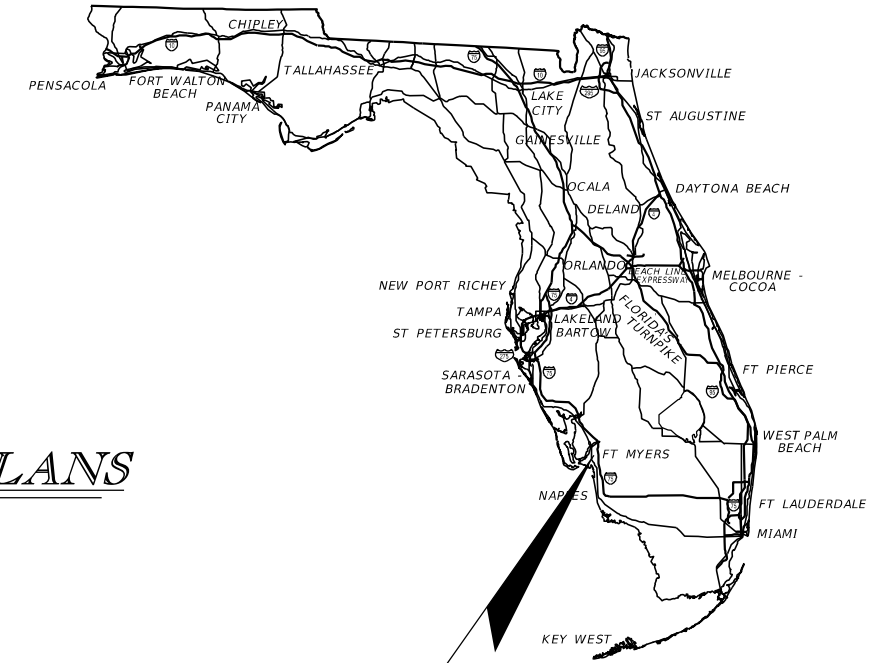


LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ORTIZ AVENUE WIDENING

FROM SR 884 TO SR 82

LEE COUNTY
COUNTY ROAD NO. 865



PROJECT LOCATION
<https://goo.gl/maps/pkUqGrXMQNMU8KZv7>

INDEX OF ITS PLANS

SHEET NO.	SHEET DESCRIPTION
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INTELLIGENT TRANSPORTATION SYSTEMS PLANS

90% SUBMITTAL
APRIL 2021



ITS PLANS
ENGINEER OF RECORD:
BURAK KONUK, P.E.
P.E. NO.: 81581
KISINGER CAMPO & ASSOCIATES CORP.
CONSULTING ENGINEERS & PLANNERS
201 N. FRANKLIN STREET, SUITE 400
TAMPA, FL 33602
PHONE: (813) 871-5331
CONTRACT NO.: CN18-8479

LDOT PROJECT MANAGER:
ROBERT K. PHELAN, P.E.

SHEET NO.

IT-1

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-7		IT-8		IT-9		IT-10		IT-11		IT-12		IT-13		PLAN	FINAL
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL		
630-2-11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF			195		440				238		560		347		1780	
630-2-11A	CONDUIT, FURNISH & INSTALL, OPEN TRENCH - INTERCONNECT	LF													34		34	
630-2-12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	88		367		120		560		322				410		1867	
630-2-14	CONDUIT, FURNISH & INSTALL, ABOVEGROUND	LF													30		30	
633-1-121	FIBER OPTIC CABLE, F&I, UNDERGROUND, 2-12 FIBERS	LF													254		254	
633-1-12X	FIBER OPTIC CABLE, F&I, UNDERGROUND, 145-288 FIBERS	LF	288		762		760		560		760		560		1004		4694	
633-2-31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	EA													12		12	
633-2-32	FIBER OPTIC CONNECTION, INSTALL, TERMINATION	EA													12		12	
633-3-11	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE	EA													1		1	
633-3-12	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY	EA													1		1	
633-3-13	FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED CONNECTOR ASSEMBLY	EA													1		1	
633-3-14	FIBER OPTIC CONNECTION HARDWARE, F&I, BUFFER TUBE FAN OUT KIT	EA													1		1	
633-3-16	FIBER OPTIC CONNECTION HARDWARE, F&I, PATCH PANEL- FIELD TERMINATED	EA													1		1	
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA													1		1	
635-2-12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	1		1		1				1				1		5	
635-2-13	PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND COVER SIZE	EA													1		1	
639-1-122	ELECTRICAL POWER SERVICE, F&I, OVERHEAD, METER, PURCHASED BY CONTRACTOR FROM POWER COMPANY	AS																
639-2-1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF													609		609	
639-3-11	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	EA													1		1	
641-2-11	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II PEDESTAL	EA													1		1	
641-2-13	PRESTRESSED CONCRETE POLE, F&I, TYPE P-III, 36'	EA													1		1	
660-3-11	VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL CABINET EQUIPMENT	EA													1		1	
660-3-12	VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL, ABOVE GROUND EQUIPMENT	EA													1		1	
676-2-121	ITS CABINET, FURNISH & INSTALL, POLE MOUNT WITH SUNSHIELD, 336S, 24" W x 36" H x 20" D	EA													1		1	
684-1-1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	EA													1		1	

<p>REVISIONS</p> <table border="1"> <thead> <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>				DATE	DESCRIPTION	DATE	DESCRIPTION					<p>KCA KISINGER CAMPO & ASSOCIATES P.E. No.: 81581</p> <p>201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: Burak Konuk, P.E.</p>	<p>LEE COUNTY DEPARTMENT OF TRANSPORTATION</p> <table border="1"> <thead> <tr> <th>ROAD</th> <th>COUNTY</th> <th>CONTRACT NO.</th> </tr> </thead> <tbody> <tr> <td>CR 865 (ORTIZ AVE.)</td> <td>LEE COUNTY</td> <td>CN18-8479</td> </tr> </tbody> </table>			ROAD	COUNTY	CONTRACT NO.	CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479	<p>TABULATION OF QUANTITIES (1)</p>	<p>SHEET NO.</p>
DATE	DESCRIPTION	DATE	DESCRIPTION																				
ROAD	COUNTY	CONTRACT NO.																					
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479																					
		<p>IT-2</p>																					

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TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS														TOTAL THIS SHEET	
			IT-14		IT-15		IT-16		IT-17		IT-18		IT-19		IT-20		PLAN	FINAL
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL		
630-2-11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF																
630-2-11A	CONDUIT, FURNISH & INSTALL, OPEN TRENCH - INTERCONNECT	LF	34														34	
630-2-12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	1003		556		558		567		555		560		560		4359	
630-2-14	CONDUIT, FURNISH & INSTALL, ABOVEGROUND	LF	30														30	
633-1-121	FIBER OPTIC CABLE, F&I, UNDERGROUND, 2-12 FIBERS	LF	204														204	
633-1-12X	FIBER OPTIC CABLE, F&I, UNDERGROUND, 145-288 FIBERS	LF	882		606		558		617		755		610		560		4588	
633-2-31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	EA	12								24						36	
633-2-32	FIBER OPTIC CONNECTION, INSTALL, TERMINATION	EA	12														12	
633-3-11	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE	EA	1								1						2	
633-3-12	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY	EA	1								2						3	
633-3-13	FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED CONNECTOR ASSEMBLY	EA	1														1	
633-3-14	FIBER OPTIC CONNECTION HARDWARE, F&I, BUFFER TUBE FAN OUT KIT	EA	1														1	
633-3-16	FIBER OPTIC CONNECTION HARDWARE, F&I, PATCH PANEL- FIELD TERMINATED	EA	1														1	
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	1														1	
635-2-12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	1		1				1				1				4	
635-2-13	PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND COVER SIZE	EA	1								1						2	
639-1-122	ELECTRICAL POWER SERVICE, F&I, OVERHEAD, METER, PURCHASED BY CONTRACTOR FROM POWER COMPANY	AS	1														1	
639-2-1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	963														963	
639-3-11	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	EA	1														1	
641-2-11	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II PEDESTAL	EA	1														1	
641-2-13	PRESTRESSED CONCRETE POLE, F&I, TYPE P-III, 36'	EA	1														1	
660-3-11	VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL CABINET EQUIPMENT	EA	1														1	
660-3-12	VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL, ABOVE GROUND EQUIPMENT	EA	1														1	
676-2-121	ITS CABINET, FURNISH & INSTALL, POLE MOUNT WITH SUNSHIELD, 336S, 24" W x 36" H x 20" D	EA	1														1	
684-1-1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	EA	1														1	

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA 201 N. Franklin Street, Suite 400
Tampa, Florida 33602
KISINGER CAMPO & ASSOCIATES P.E. No.: 81581
Engineer of Record: Burak Konuk, P.E.

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

TABULATION OF QUANTITIES (2)

SHEET NO. IT-3

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		GRAND TOTAL	
			IT-21		IT-22		IT-23										PLAN	FINAL	PLAN	FINAL
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL						
630-2-11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF																	1780	
630-2-11A	CONDUIT, FURNISH & INSTALL, OPEN TRENCH - INTERCONNECT	LF																	68	
630-2-12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	560		560		506											1626	7852	
630-2-14	CONDUIT, FURNISH & INSTALL, ABOVEGROUND	LF																	60	
633-1-121	FIBER OPTIC CABLE, F&I, UNDERGROUND, 2-12 FIBERS	LF																	458	
633-1-12X	FIBER OPTIC CABLE, F&I, UNDERGROUND, 145-288 FIBERS	LF	560		610		706											1876	11158	
633-2-31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	EA					144											144	192	
633-2-32	FIBER OPTIC CONNECTION, INSTALL, TERMINATION	EA					144											144	168	
633-3-11	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE	EA					1											1	4	
633-3-12	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY	EA					4											4	8	
633-3-13	FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED CONNECTOR ASSEMBLY	EA																	2	
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, PATCH PANEL- FIELD TERMINATED	EA																	2	
635-2-11	PULL & SPLICE BOX, F&I, 17" x 30" COVER SIZE	EA																	2	
635-2-12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA			1													1	10	
635-2-13	PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND COVER SIZE	EA					1											1	4	
639-1-122	ELECTRICAL POWER SERVICE, F&I, OVERHEAD, METER, PURCHASED BY CONTRACTOR FROM POWER COMPANY	AS																	1	
639-2-1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF																	1572	
639-3-11	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	EA																	2	
641-2-11	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II PEDESTAL	EA																	2	
641-2-13	PRESTRESSED CONCRETE POLE, F&I, TYPE P-III, 36'	EA																	2	
660-3-11	VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL CABINET EQUIPMENT	EA																	2	
660-3-12	VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL, ABOVE GROUND EQUIPMENT	EA																	2	
676-2-121	ITS CABINET, FURNISH & INSTALL, POLE MOUNT WITH SUNSHIELD, 336S, 24" W x 36" H x 20" D	EA																	2	
684-1-1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	EA																	2	

REVISIONS			
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KCA
KISINGER CAMPO & ASSOCIATES P.E. No.: 81581

201 N. Franklin Street, Suite 400
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LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

TABULATION OF QUANTITIES (3)

SHEET NO.
IT-4

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GENERAL NOTES:


1. AT LEAST TWO (2) FULL BUSINESS DAYS PRIOR TO BEGINNING THE TRAFFIC SIGNAL INSTALLATION, CONTRACTOR SHALL CONTACT THE LEE COUNTY TRAFFIC ENGINEERING SIGNAL SHOP.
2. THE UTILITIES SHOWN ON THE PLANS ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT REPRESENT THE EXTENT OF UTILITIES ON THIS PROJECT. THE CONTRACTOR IS FULLY RESPONSIBLE FOR LOCATING AND AVOIDING EXISTING UNDERGROUND AND ABOVEGROUND STRUCTURES AND FACILITIES.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ANY UTILITY OWNER(S) THAT ARE NOT A MEMBER OF SUNSHINE ONE. A CONTRACTOR'S REPRESENTATIVE SHALL BE PRESENT WHEN THE UTILITY COMPANIES LOCATE THEIR FACILITIES. THE LOCATION OF EXISTING UTILITIES SHALL BE DETERMINED BY THE CONTRACTOR AND THE UTILITY REPRESENTATIVE WHEN NECESSARY DURING CONSTRUCTION.
4. NO TEST BORINGS WERE MADE FOR CONDUIT RUNS THAT ARE TO BE INSTALLED BY DIRECTIONAL BORING OR TRENCHING. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO EXAMINE JOB SITE CONDITIONS IN ACCORDANCE WITH THE FDOT SPECIFICATIONS BEFORE CONSTRUCTION ACTIVITIES BEGIN.
5. SOIL 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.
6. FOR ALL CONDUIT INSTALLATIONS, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY VERTICAL ELEVATION AND HORIZONTAL LOCATION (VVH) FOR EXISTING INFRASTRUCTURE IN THE CONDUIT INSTALLATION PATH. THE COSTS FOR THE VVHs SHALL BE INCLUDED IN THE COST OF THE CONDUIT INSTALLATIONS.
7. ALL SALVAGE MATERIAL SHALL BE THE PROPERTY OF THE COUNTY AND DELIVERED TO THE LEE COUNTY TRAFFIC ENGINEERING SIGN SHOP.
8. EXISTING FIBER AND ITS FACILITIES SHALL BE PROTECTED AND REMAIN ON-LINE WITH NO INTERRUPTIONS TO THE LEE COUNTY EMERGENCY OPERATIONS CENTER (EOC) THROUGH CONSTRUCTION.

PAY ITEM NOTES:

- 630-2-11:
PVC CONDUIT SHALL BE SCHEDULE 40 OR SCHEDULE 80 APPROVED FOR ELECTRICAL USE (GRAY). NO THIN WALL CONDUIT IS ALLOWED. TWENTY (20) FOOT LENGTHS ON RUNS OVER TWENTY (20) FOOT SHALL BE USED. ALL PVC CONDUIT SHALL BE JOINED TOGETHER WITH LONG LINE COUPLINGS. ALL CONDUITS LARGER THAN 3/4 INCH SHALL HAVE END BELLS INSTALLED AT EACH END TO PROTECT THE CABLE.
- 630-2-11A:
FOC INTERCONNECT CONDUIT SHALL BE FOUR (4) EACH (1 - GREEN, 1 - BLUE, 1 - ORANGE, 1 - YELLOW) 1-1/4 INCH CONTINUOUS HDPE SDR 13.5. NO OTHER CONDUIT COLORS CAN BE USED UNLESS APPROVED BY LEE COUNTY DOT TRAFFIC IN WRITING. A MINIMUM OF #10 ORANGE CU THHN STRANDED COPPER WIRE SHALL BE INSTALLED FOR LOCATING PURPOSES IN THE ORANGE CONDUIT. THE LOCATE WIRE SHALL NOT BE SPLICED IN THE CONDUIT. SPLICES OF THE LOCATE WIRE SHALL BE IN PULL BOXES AND SPLICED WITH A SPLIT BOLT AND INSULATED PER NEC. PERFORM CONTINUITY TESTS AND INSULATION RESISTANCE TESTS ON ALL LOCATE WIRES AND PROVIDE LEE COUNTY DOT TRAFFIC WITH ALL TEST RESULTS. REPLACE, OR REPAIR DEFECTIVE LOCATE WIRE AT NO ADDITIONAL COST.
- 630-2-12:
DIRECTIONAL BORE CONDUIT FOR GENERAL SIGNALIZATION AND STREET LIGHTING SHALL BE TWO (2) INCH CONTINUOUS HDPE SDR 13.5 AND SHALL BE GRAY IN COLOR. NO OTHER CONDUIT COLOR CAN BE USED UNLESS APPROVED BY LEE COUNTY DOT TRAFFIC IN WRITING. WHEN CONNECTING HDPE CONDUIT TO STANDARD PVC CONDUIT A REVERSE THREAD COUPLING OR E-LOC COUPLING SHALL BE USED. USE OF A STANDARD PVC COUPLING IS PROHIBITED.
- 630-2-12A:
DIRECTIONAL BORE CONDUIT FOR FOC INTERCONNECT SHALL BE FOUR (4) EACH (1 - GREEN, 1 - BLUE, 1 - ORANGE, 1 - YELLOW) 1-1/4 INCH CONTINUOUS HDPE SDR 13.5. NO OTHER CONDUIT COLORS CAN BE USED UNLESS APPROVED BY LEE COUNTY DOT TRAFFIC IN WRITING. A MINIMUM OF #10 ORANGE CU THHN STRANDED COPPER WIRE SHALL BE INSTALLED FOR LOCATING PURPOSES IN THE ORANGE CONDUIT. THE LOCATE WIRE SHALL NOT BE SPLICED IN THE CONDUIT. SPLICES OF THE LOCATE WIRE SHALL BE IN PULL BOXES AND SPLICED WITH A SPLIT BOLT AND INSULATED PER NEC. PERFORM CONTINUITY TESTS AND INSULATION RESISTANCE TESTS ON ALL LOCATE WIRES AND PROVIDE LEE COUNTY DOT TRAFFIC WITH ALL TEST RESULTS. REPLACE, OR REPAIR DEFECTIVE LOCATE WIRE AT NO ADDITIONAL COST.
- 633-1-121 & 633-1-12X:
FOC SHALL BE 288 STRAND SINGLE MODE FIBER WITH CORNING BRAND GLASS (ALTOS 8.3/125 LT DUCT /AERIAL .4/.3 DB/KM SMF28F). THIS IS AN ALL-DIELECTRIC, DRY FILLED LOOSE TUBE SINGLE MODE FOC. ALL FIBERS USED AND UNUSED, NEED TO BE TESTED BI-DIRECTIONAL. A DIGITAL COPY OF ALL FIBER OPTIC TEST RESULTS SHALL BE PROVIDED TO LEE COUNTY DOT TRAFFIC VIA LCDOTPROJECTS@LEEEOV.COM PRIOR TO FIELD INSPECTION. PROVIDE AND STORE FIBER OPTIC CABLE AT EACH PULL BOX AND SPLICE VAULT TO ALLOW FOR FUTURE SPLICES, ADDITIONS, OR REPAIRS TO THE FIBER NETWORK. STORE THE FIBER OPTIC CABLE WITHOUT TWISTING OR BENDING THE CABLE BELOW THE MINIMUM BEND RADIUS.














PAY ITEM NOTES - CONTINUATION:


- 633-1-121 & 633-1-12X - CONTINUATION:
- A. STORE A MINIMUM OF TWO HUNDRED (200) FEET OF FIBER OPTIC BACKBONE CABLE IN FOC SPLICE VAULT. ONE HUNDRED (100) FEET OF FOC ON EACH SIDE OF THE CABLE SPLICE ENCLOSURE OR AS SHOWN IN THE PLANS.
 - B. STORE A MINIMUM OF ONE HUNDRED (100) FEET OF FIBER OPTIC DROP CABLE IN FOC SPLICE VAULT OR AS SHOWN IN THE PLANS.
 - C. STORE A MINIMUM OF ONE HUNDRED (100) FEET FIBER OPTIC BACKBONE CABLE IN EACH ADJACENT FOC PULL BOX TO THE SPLICE VAULT OR AS SHOWN IN THE PLANS.
 - D. STORE A MINIMUM OF FIFTY (50) FEET OF FOC IN FOC MID RUN PULL BOXES OR AS SHOWN IN THE PLANS. INSTALL CABLE TAGS WITHIN 1 FOOT OF EACH SPLICE AND/OR TERMINATION POINT INDICATING THE CABLE TYPE, FIBER COUNT, AND EACH FIBER OPTIC CABLE ORIGIN AND TERMINATION POINTS. ENSURE THAT THE CABLE TAGS ARE PERMANENT LABELS SUITABLE FOR OUTSIDE PLANT APPLICATIONS AND ARE AFFIXED TO ALL FIBER OPTIC CABLES. ENSURE THAT LETTERING IS IN PERMANENT INK AND DISPLAYS THE PHRASE "FIBER OPTIC CABLE". FOC SPLICE VAULTS SHALL HAVE CABLE HANGER RACKS DESIGNED TO SUPPORT CABLE AND SPLICE ENCLOSURE. ALL FOC SPLICES SHALL BE FUSION SPLICED ACCORDING TO LATEST VERSION OF THE MANUFACTURER'S INSTALLATION PROCEDURES AND CURRENT INDUSTRY ACCEPTED INSTALLATION STANDARDS, CODES AND PRACTICES, OR AS DIRECTED BY A LEE COUNTY DOT TRAFFIC. (MECHANICAL SPLICING IS STRICTLY PROHIBITED)
- 635-2-11, 635-2-12, AND 635-2-13:
- A. PULL BOXES SHALL BE POLYMER CONCRETE CONSTRUCTION (QUAZITE), HAVE ANSI TIER RATING OF T22 AND DESIGN LOAD RATING OF 22,500 LBS., NO EXCEPTIONS WILL BE PERMITTED. MINIMUM PULL BOX SIZE SHALL BE AS FOLLOWS:
 - I. TRAFFIC SIGNAL AND STREET LIGHTING 17" X 30" X 12" - PG1730BA12.
 - II. FIBER OPTIC CABLE MID RUNS 24" X 36" X 24" - PG2436BA24.
 - III. FIBER OPTIC CABLE SPLICE VAULT - 30" X 60" X 36" - PG3060BA36.
 - B. PULL BOX COVERS SHALL BE POLYMER CONCRETE CONSTRUCTION (QUAZITE), HAVE ANSI TIER RATING OF T22 AND DESIGN LOAD RATING OF 22,500 LBS., AND MARKED APPROPRIATELY, "TRAFFIC SIGNAL" OR "STREET LIGHTING", NO EXCEPTIONS WILL BE PERMITTED.
 - I. 17" X 30" COVER - "TRAFFIC SIGNAL" - PG1730HH0046, "STREET LIGHTING" - PG1730HH0041.
 - II. 24" X 36" COVER - "TRAFFIC SIGNAL" - PG2436HH0046.
 - III. 30" X 60" COVER 2 PIECE - "TRAFFIC SIGNAL" - PG3060HH0046.
- ALL PULL BOXES SHALL HAVE A CONCRETE APRON; THE APRON SHALL BE MINIMUM 1-FOOT WIDE X 6 INCHES DEEP. APRON SHALL BE LEVEL TO EXISTING GRADE AND HAVE A FINISHED EDGE AND SURFACE.
- 639-1-122:
ELECTRICAL SERVICE AT POINT OF SERVICE:
ELECTRIC SERVICE SHALL BE MOUNTED ON EIGHT (8) INCH X EIGHT (8) INCH X TWELVE (12) FOOT CONCRETE SERVICE POLE WITHIN THIRTY (30) FEET OF TRAFFIC SIGNAL CABINET. ELECTRIC SERVICE SHALL BE METERED. METER SOCKET SHALL BE 200 AMP LEVER BYPASS NEMA 3R ENCLOSURE RATED FOR OUTDOOR USE (MILBANK UAP9551-X-QG-HSP). MAIN LUG LOAD CENTER SHALL BE SQUARE D QO 100 AMP 6 SPACE/12 CIRCUIT RATED FOR OUTDOOR USE (SQUARE D QO612L100RB). ALL CIRCUIT BREAKERS SHALL BE SQUARE D QO AND SPACES SHALL BE ASSIGNED AS FOLLOWS:
 - I. SPACE 2-3 SHALL BE A DOUBLE POLE 50 AMP FOR MVDS # 1 - SOUTH OF ROUNDABOUT.
 - II. SPACE 4-5 SHALL BE A DOUBLE POLE 50 AMP FOR MVDS # 2 - NORTH OF ROUNDABOUT.
 - III. SPACE 6-7 SHALL BE RESERVED FOR FUTURE USE.
- #2 AWG WIRE SHALL BE USED FROM METER/DISCONNECT TO FPL POWER FEED.
#6 AWG (BLACK, RED, WHITE, GREEN) SHALL USED FROM ELECTRICAL SERVICE AND MVDS DISCONNECT.
- 639-3-11:
DISCONNECT AT MVDS #1 AND MVDS #2:
ELECTRIC SERVICE SHALL BE MOUNTED ON EIGHT (8) INCH X EIGHT (8) INCH X TWELVE (12) FOOT CONCRETE SERVICE POLE WITHIN THIRTY (30) FEET OF TRAFFIC SIGNAL CABINET. MAIN LUG LOAD CENTER SHALL BE SQUARE D QO 100 AMP 6 SPACE/12 CIRCUIT RATED FOR OUTDOOR USE (SQUARE D QO612L100RB). SURGE PROTECTION DEVICE (SPD) SHALL BE A DOUBLE POLE 120/240 VAC (ASCO 400 SERIES S50A120V2PN). ALL CIRCUIT BREAKERS SHALL BE SQUARE D QO AND SPACES SHALL BE ASSIGNED AS FOLLOWS:
 - I. SPACE 2 SHALL BE A SINGLE POLE 30 AMP FOR MVDS
 - II. SPACE 3-4 SHALL BE A DOUBLE POLE 20 AMP FOR SPD
 - III. SPACE 5-7 SHALL BE RESERVED FOR FUTURE USE
- #6 AWG (BLACK, RED, WHITE, GREEN) SHALL USED FROM ELECTRICAL SERVICE AND MVDS DISCONNECT.
#10 AWG (BLACK, WHITE, GREEN) SHALL BE USED FROM MVDS DISCONNECT AND MVDS CABINET.
- 660-3-11 AND 660-3-12:
MICROWAVE DETECTION SHALL BE WAVETRONIX EXPANSE SERIES AND SHALL INCLUDE - EXPANSE XP20 SIDE-FIRE SENSOR, XP20 SURGE, AND EXPANSE ARC. SHALL BE INSTALLED PER MANUFACTURER SPECIFICATIONS.
- 684-1-1:
PAY ITEM FOR MANAGED FIELD ETHERNET SWITCH SHALL INCLUDE THE POWER SUPPLY, SFP OPTIC MODULES, AND ADDITIONAL COMPONENTS. MANAGED FIELD ETHERNET SWITCH LAYER 2 SWITCH WITH NEEDED COMPONENTS (DIN RAIL MOUNTED).
 - A. SWITCH - CISCO IE2000 (IE-2000-8TC-G-B)
 - B. SFP OPTIC MODULE - TWO (2) PROLINE CISCO SFP OPTIC MODULES (GLC-LH-SMD-PRO)
 - C. POWER SUPPLY - CISCO AC-DC 50W POWER SUPPLY (PWR-1E50W-AC)

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY	CONTRACT NO.		IT-5
					CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479		

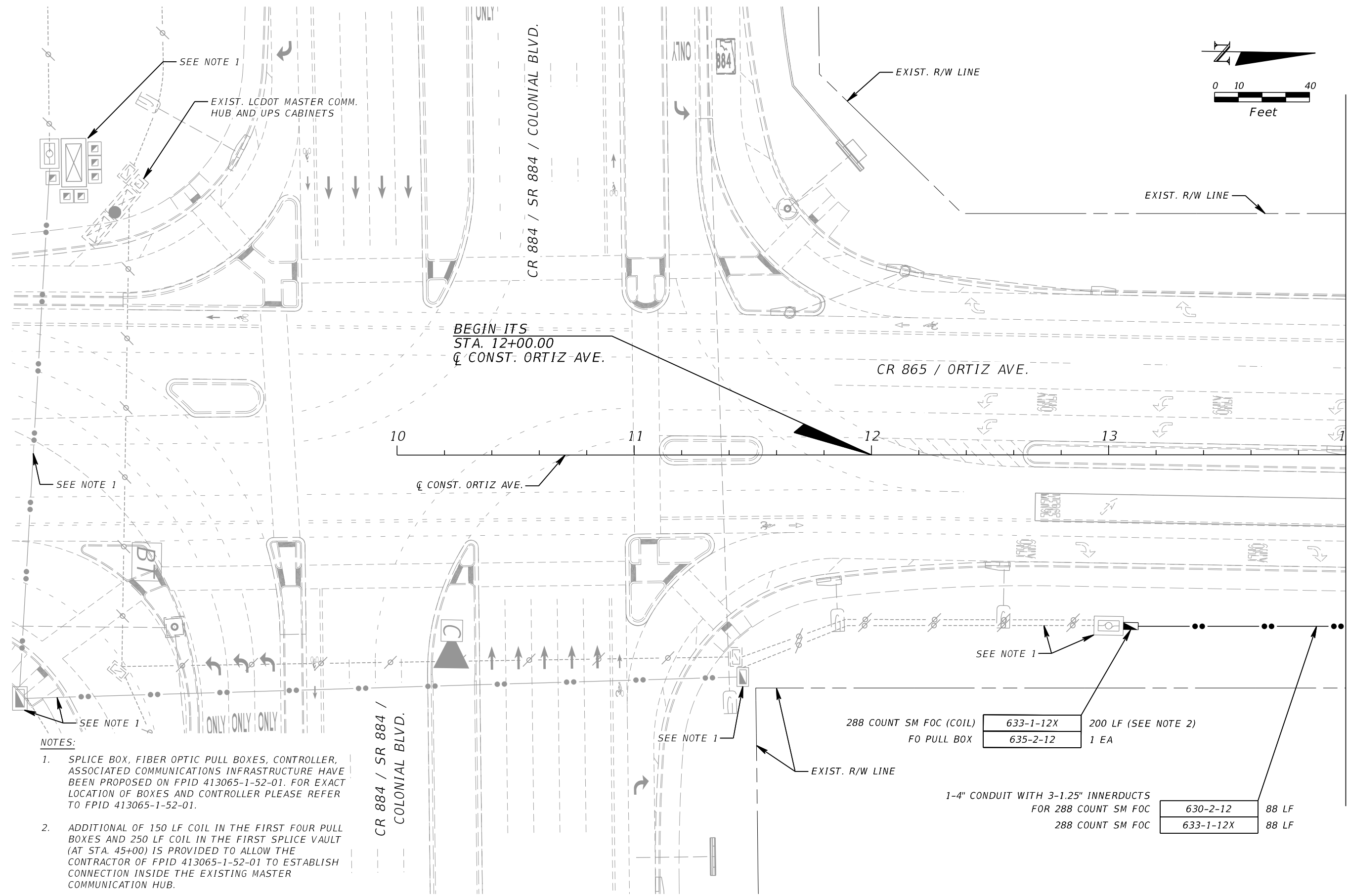
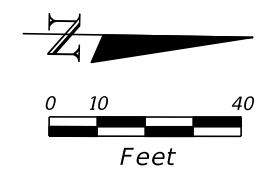
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LEGEND

-  EXISTING FIBER OPTIC SPLICE VAULT
-  NEW FIBER OPTIC SPLICE VAULT
-  EXISTING FIBER OPTIC PULL BOX
-  NEW FIBER OPTIC PULL BOX
-  EXISTING TRAFFIC SIGNAL CABINET
-  BFOC(B)----- EXISTING FOC
-  OPEN TRENCH CONDUIT
-  DIRECTIONAL BORE CONDUIT
-  NEW MICROWAVE VEHICLE DETECTION SYSTEM (MVDS)
-  MVDS DETECTION ZONE
-  ITS CABINET (POLE MOUNTED)
-  ELECTRIC POWER SERVICE (OVERHEAD)
-  POLE MOUNTED TRANSFORMER

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY	CONTRACT NO.		IT-6
					CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479		

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MATCH LINE STA. 14+00

NOTES:

1. SPLICE BOX, FIBER OPTIC PULL BOXES, CONTROLLER, ASSOCIATED COMMUNICATIONS INFRASTRUCTURE HAVE BEEN PROPOSED ON FPID 413065-1-52-01. FOR EXACT LOCATION OF BOXES AND CONTROLLER PLEASE REFER TO FPID 413065-1-52-01.
2. ADDITIONAL OF 150 LF COIL IN THE FIRST FOUR PULL BOXES AND 250 LF COIL IN THE FIRST SPLICE VAULT (AT STA. 45+00) IS PROVIDED TO ALLOW THE CONTRACTOR OF FPID 413065-1-52-01 TO ESTABLISH CONNECTION INSIDE THE EXISTING MASTER COMMUNICATION HUB.

288 COUNT SM FOC (COIL)	633-1-12X	200 LF (SEE NOTE 2)
FO PULL BOX	635-2-12	1 EA
1-4" CONDUIT WITH 3-1.25" INNERDUCTS FOR 288 COUNT SM FOC	630-2-12	88 LF
288 COUNT SM FOC	633-1-12X	88 LF

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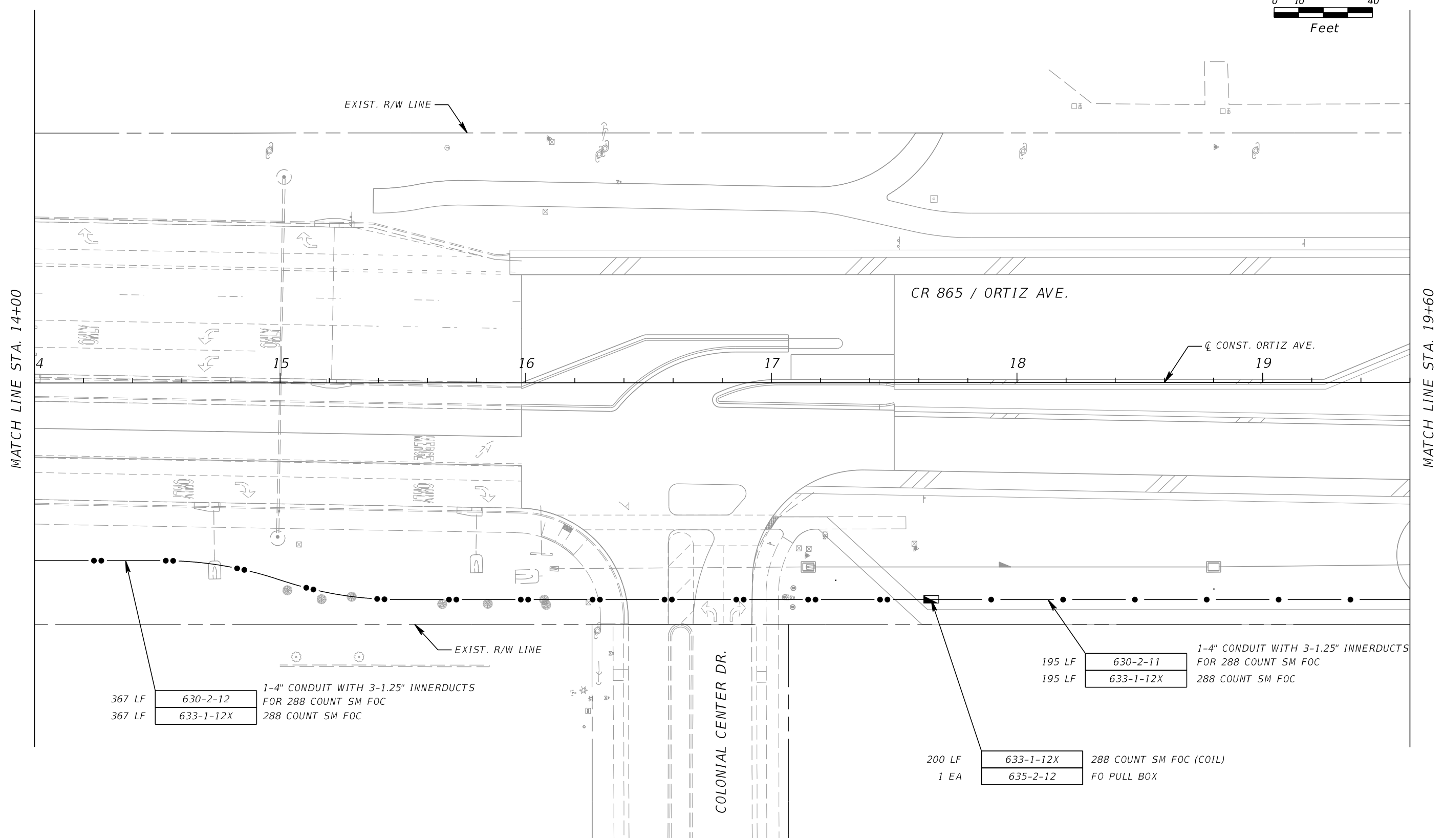
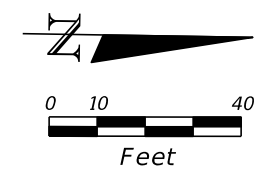
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ITS PLAN (1)

SHEET NO.
IT-7

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367 LF 630-2-12 1-4" CONDUIT WITH 3-1.25" INNERDUCTS FOR 288 COUNT SM FOC
 367 LF 633-1-12X 288 COUNT SM FOC

195 LF 630-2-11 1-4" CONDUIT WITH 3-1.25" INNERDUCTS FOR 288 COUNT SM FOC
 195 LF 633-1-12X 288 COUNT SM FOC

200 LF 633-1-12X 288 COUNT SM FOC (COIL)
 1 EA 635-2-12 FO PULL BOX

REVISIONS			
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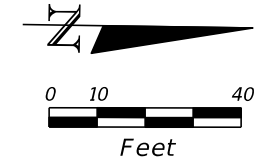
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 & ASSOCIATES P.E. No.: 81581

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ITS PLAN (2)

SHEET NO.
IT-8

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CALUSA NATURE CENTER ENTRANCE

EXIST. R/W LINE

CR 865 / ORTIZ AVE.

CONST. ORTIZ AVE.

EXIST. R/W LINE

MATCH LINE STA. 19+60

MATCH LINE STA. 25+20

20 21 22 23 24 25

440 LF 630-2-11 1-4" CONDUIT WITH 3-1.25" INNERDUCTS FOR 288 COUNT SM FOC
 440 LF 633-1-12X 288 COUNT SM FOC

288 COUNT SM FOC (COIL) 633-1-12X 200 LF
 FO PULL BOX 635-2-12 1 EA

1-4" CONDUIT WITH 3-1.25" INNERDUCTS FOR 288 COUNT SM FOC 630-2-12 120 LF
 288 COUNT SM FOC 633-1-12X 120 LF

REVISIONS			
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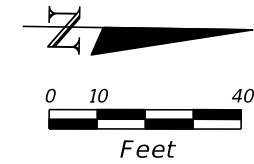
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ITS PLAN (3)

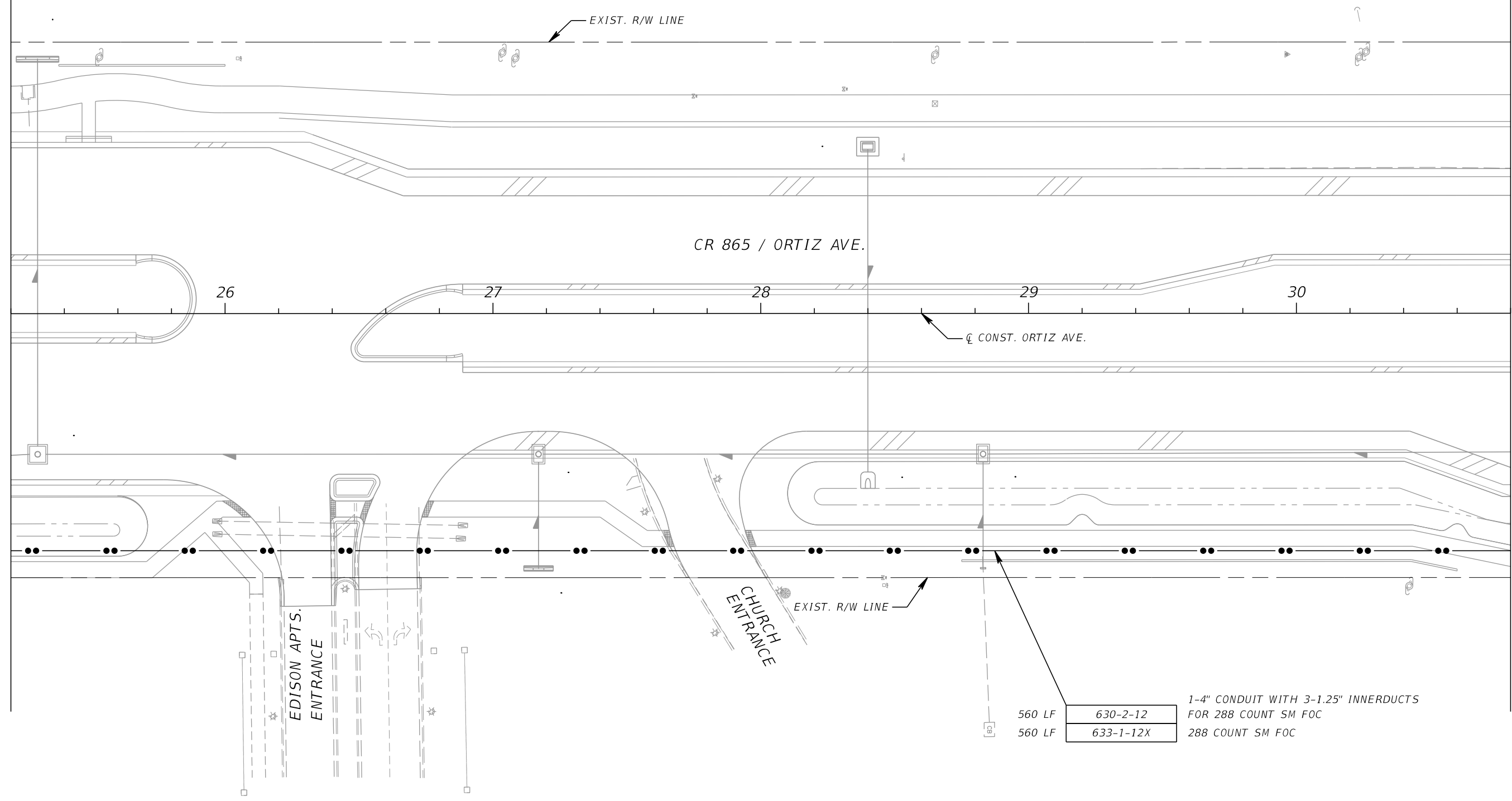
SHEET NO.
IT-9

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MATCH LINE STA. 25+20

MATCH LINE STA. 30+80



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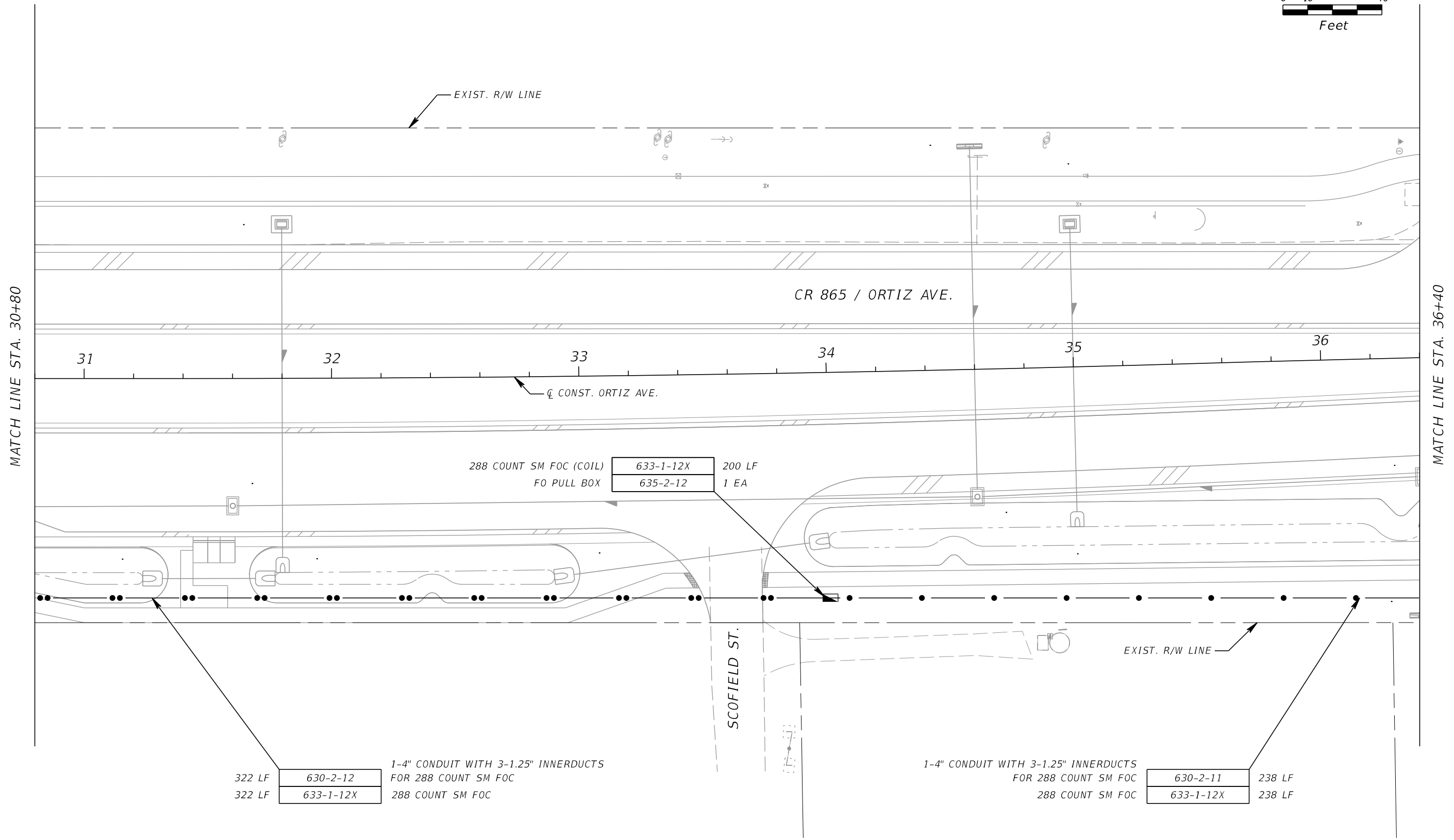
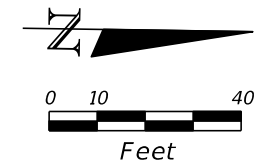
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ITS PLAN (4)

SHEET NO.
IT-10

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288 COUNT SM FOC (COIL)
FO PULL BOX

633-1-12X	200 LF
635-2-12	1 EA

322 LF	630-2-12	1-4" CONDUIT WITH 3-1.25" INNERDUCTS FOR 288 COUNT SM FOC
322 LF	633-1-12X	

288 COUNT SM FOC

1-4" CONDUIT WITH 3-1.25" INNERDUCTS
FOR 288 COUNT SM FOC

630-2-11	238 LF
633-1-12X	238 LF

REVISIONS			
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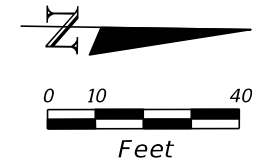
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ITS PLAN (5)

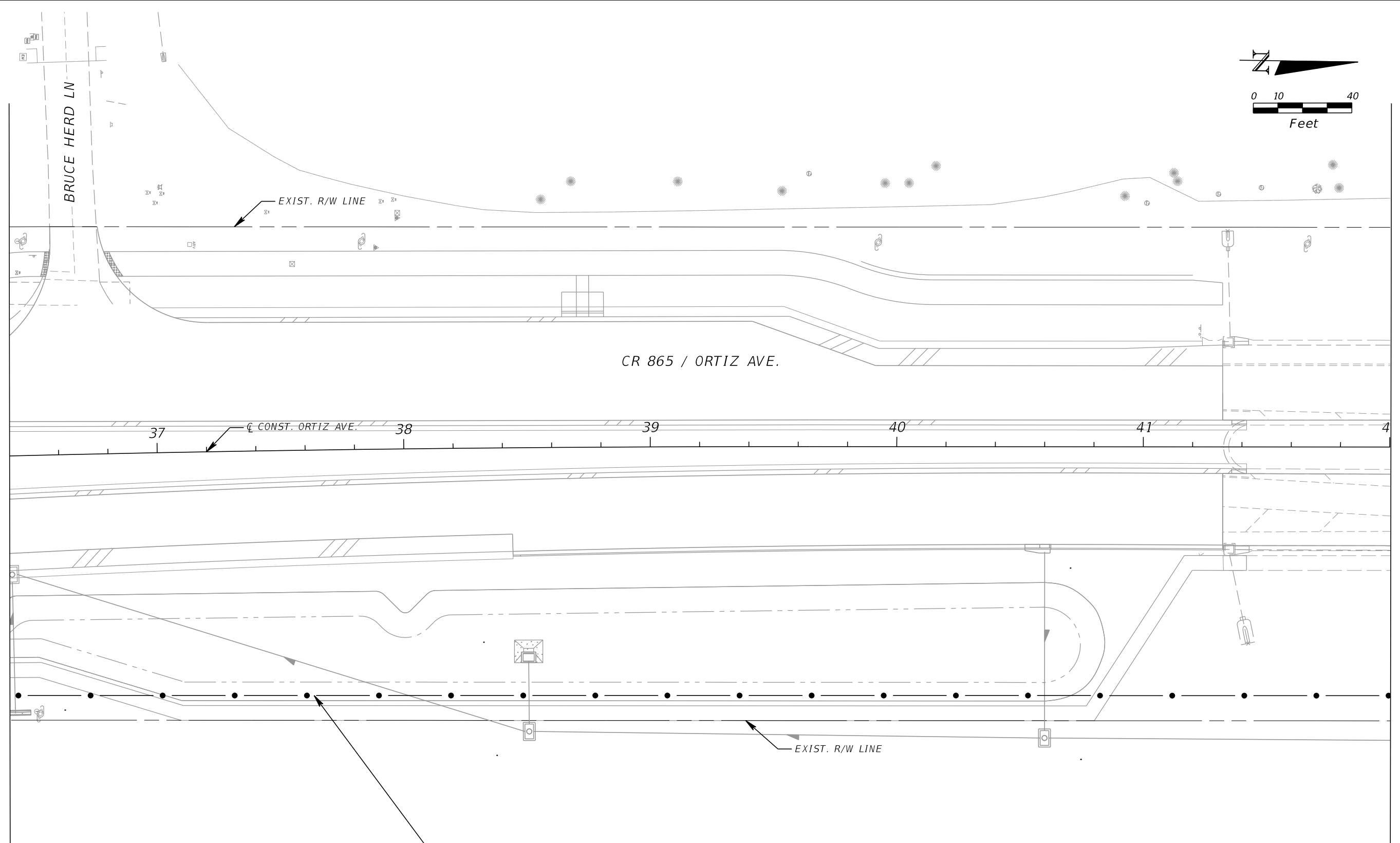
SHEET NO.
IT-11

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MATCH LINE STA. 36+40

MATCH LINE STA. 42+00



560 LF	630-2-11	1-4" CONDUIT WITH 3-1.25" INNERDUCTS FOR 288 COUNT SM FOC
560 LF	633-1-12X	288 COUNT SM FOC

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

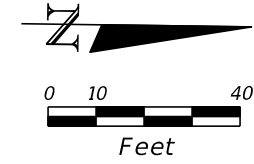
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ITS PLAN (6)

SHEET NO.
IT-12

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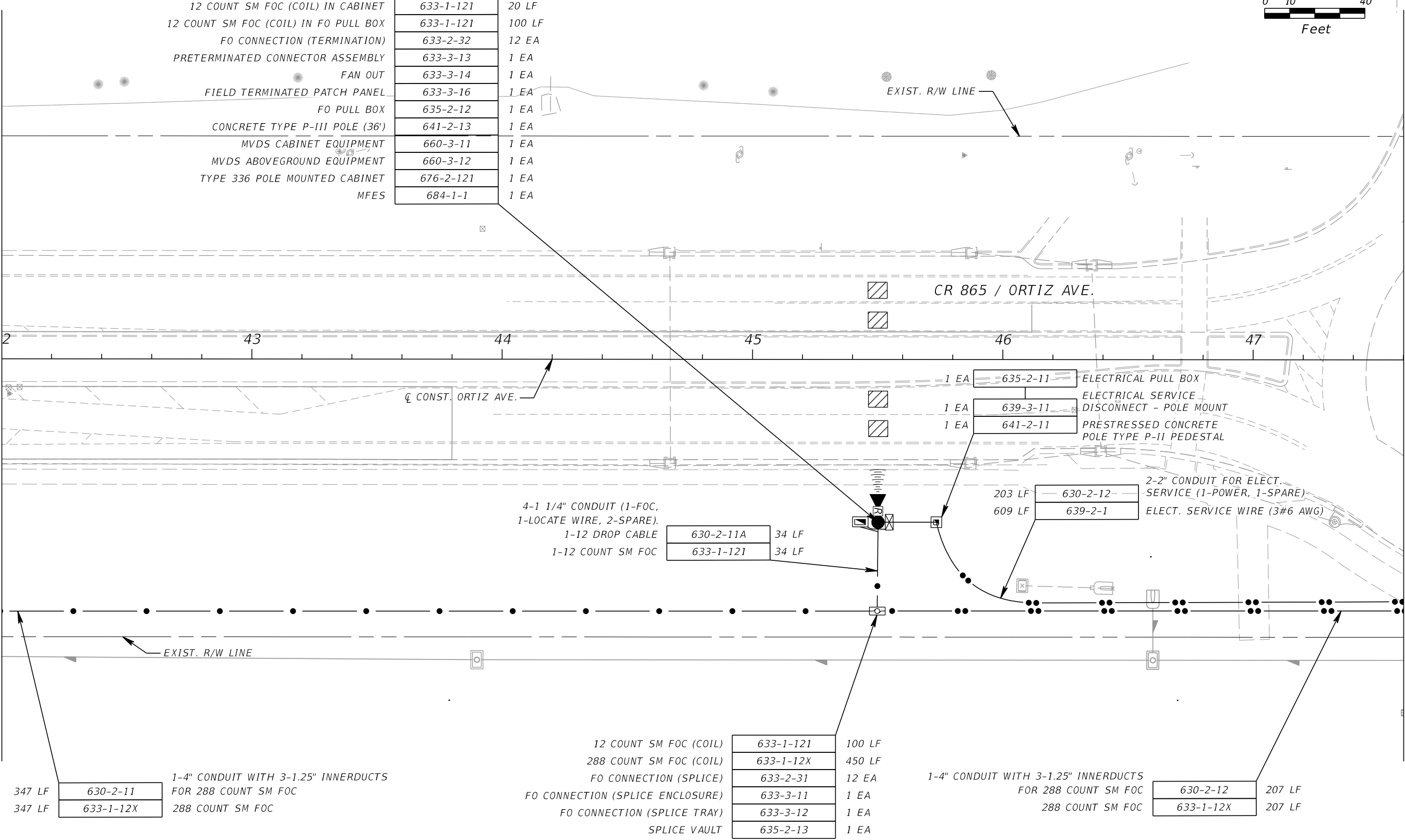


MVDS #1
STA. 45+50, 65' RT

1-1" ABOVEGROUND	630-2-14	30 LF
12 COUNT SM FOC (COIL) IN CABINET	633-1-121	20 LF
12 COUNT SM FOC (COIL) IN FO PULL BOX	633-1-121	100 LF
FO CONNECTION (TERMINATION)	633-2-32	12 EA
PRETERMINATED CONNECTOR ASSEMBLY	633-3-13	1 EA
FAN OUT	633-3-14	1 EA
FIELD TERMINATED PATCH PANEL	633-3-16	1 EA
FO PULL BOX	635-2-12	1 EA
CONCRETE TYPE P-III POLE (36')	641-2-13	1 EA
MVDS CABINET EQUIPMENT	660-3-11	1 EA
MVDS ABOVEGROUND EQUIPMENT	660-3-12	1 EA
TYPE 336 POLE MOUNTED CABINET	676-2-121	1 EA
MFES	684-1-1	1 EA

MATCH LINE STA. 42+00

MATCH LINE STA. 47+60



347 LF	630-2-11	1-4" CONDUIT WITH 3-1.25" INNERDUCTS FOR 288 COUNT SM FOC
347 LF	633-1-12X	288 COUNT SM FOC

12 COUNT SM FOC (COIL)	633-1-121	100 LF
288 COUNT SM FOC (COIL)	633-1-12X	450 LF
FO CONNECTION (SPlice)	633-2-31	12 EA
FO CONNECTION (SPlice ENCLOSURE)	633-3-11	1 EA
FO CONNECTION (SPlice TRAY)	633-3-12	1 EA
SPlice VAULT	635-2-13	1 EA

1-4" CONDUIT WITH 3-1.25" INNERDUCTS FOR 288 COUNT SM FOC	630-2-12	207 LF
288 COUNT SM FOC	633-1-12X	207 LF

REVISIONS			
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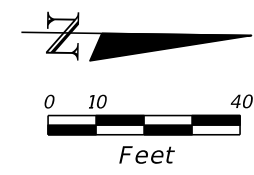
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ITS PLAN (7)

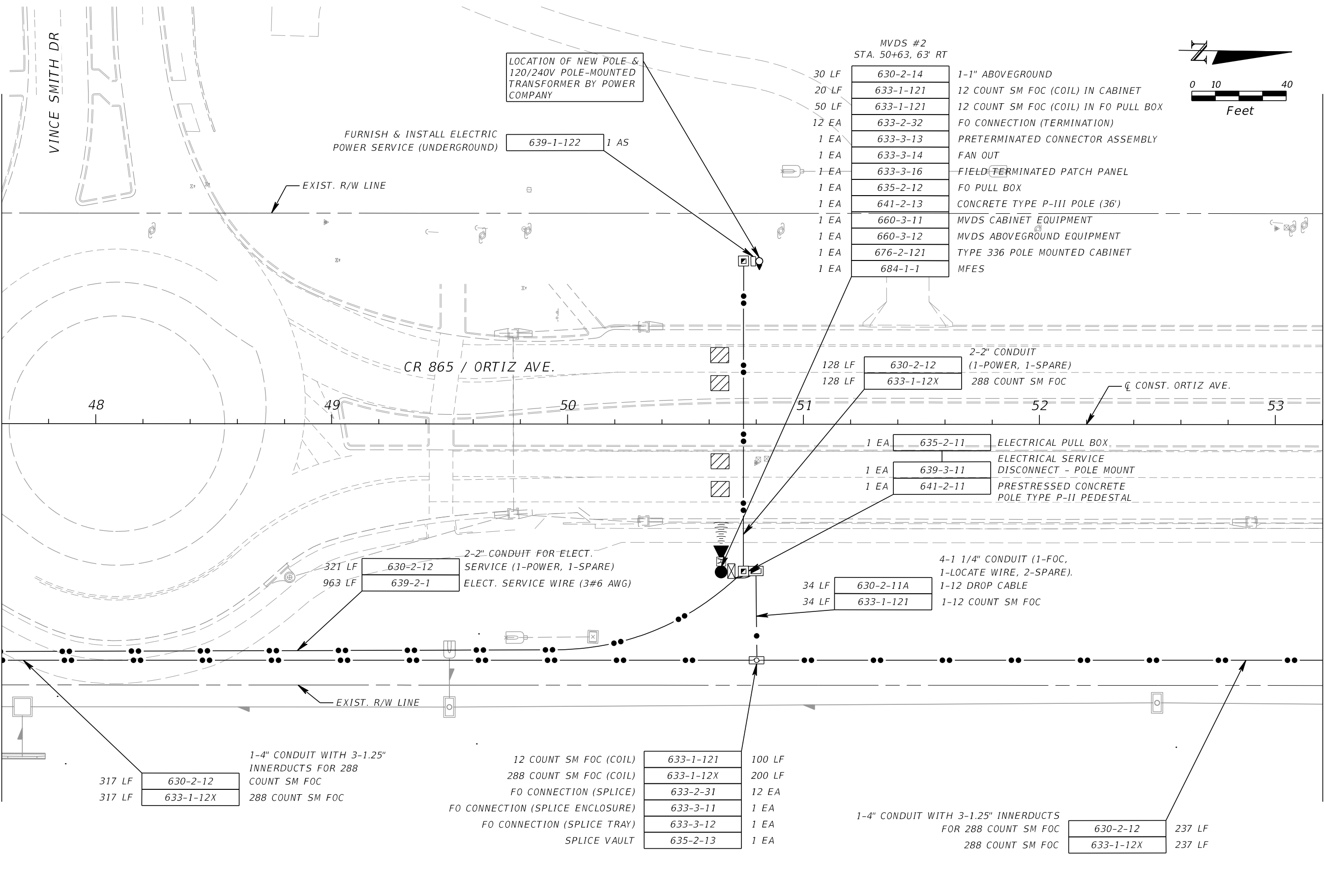
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IT-13

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MATCH LINE STA. 47+60

MATCH LINE STA. 53+20



LOCATION OF NEW POLE & 120/240V POLE-MOUNTED TRANSFORMER BY POWER COMPANY

FURNISH & INSTALL ELECTRIC POWER SERVICE (UNDERGROUND)

MVDS #2
STA. 50+63, 63' RT

30 LF	630-2-14	1-1" ABOVEGROUND
20 LF	633-1-121	12 COUNT SM FOC (COIL) IN CABINET
50 LF	633-1-121	12 COUNT SM FOC (COIL) IN FO PULL BOX
12 EA	633-2-32	FO CONNECTION (TERMINATION)
1 EA	633-3-13	PRETERMINATED CONNECTOR ASSEMBLY
1 EA	633-3-14	FAN OUT
1 EA	633-3-16	FIELD TERMINATED PATCH PANEL
1 EA	635-2-12	FO PULL BOX
1 EA	641-2-13	CONCRETE TYPE P-III POLE (36')
1 EA	660-3-11	MVDS CABINET EQUIPMENT
1 EA	660-3-12	MVDS ABOVEGROUND EQUIPMENT
1 EA	676-2-121	TYPE 336 POLE MOUNTED CABINET
1 EA	684-1-1	MFES

639-1-122 1 AS

128 LF 630-2-12 2-2" CONDUIT (1-POWER, 1-SPARE)
128 LF 633-1-12X 288 COUNT SM FOC

1 EA 635-2-11 ELECTRICAL PULL BOX
1 EA 639-3-11 ELECTRICAL SERVICE DISCONNECT - POLE MOUNT
1 EA 641-2-11 PRESTRESSED CONCRETE POLE TYPE P-II PEDESTAL

321 LF 630-2-12 2-2" CONDUIT FOR ELECT. SERVICE (1-POWER, 1-SPARE)
963 LF 639-2-1 ELECT. SERVICE WIRE (3#6 AWG)

34 LF 630-2-11A 4-1 1/4" CONDUIT (1-FOC, 1-LOCATE WIRE, 2-SPARE).
34 LF 633-1-121 1-12 COUNT SM FOC

317 LF 630-2-12 1-4" CONDUIT WITH 3-1.25" INNERDUCTS FOR 288 COUNT SM FOC
317 LF 633-1-12X 288 COUNT SM FOC

12 COUNT SM FOC (COIL) 633-1-121 100 LF
288 COUNT SM FOC (COIL) 633-1-12X 200 LF
FO CONNECTION (SPLICE) 633-2-31 12 EA
FO CONNECTION (SPLICE ENCLOSURE) 633-3-11 1 EA
FO CONNECTION (SPLICE TRAY) 633-3-12 1 EA
SPLICE VAULT 635-2-13 1 EA

1-4" CONDUIT WITH 3-1.25" INNERDUCTS FOR 288 COUNT SM FOC 630-2-12 237 LF
288 COUNT SM FOC 633-1-12X 237 LF

REVISIONS			
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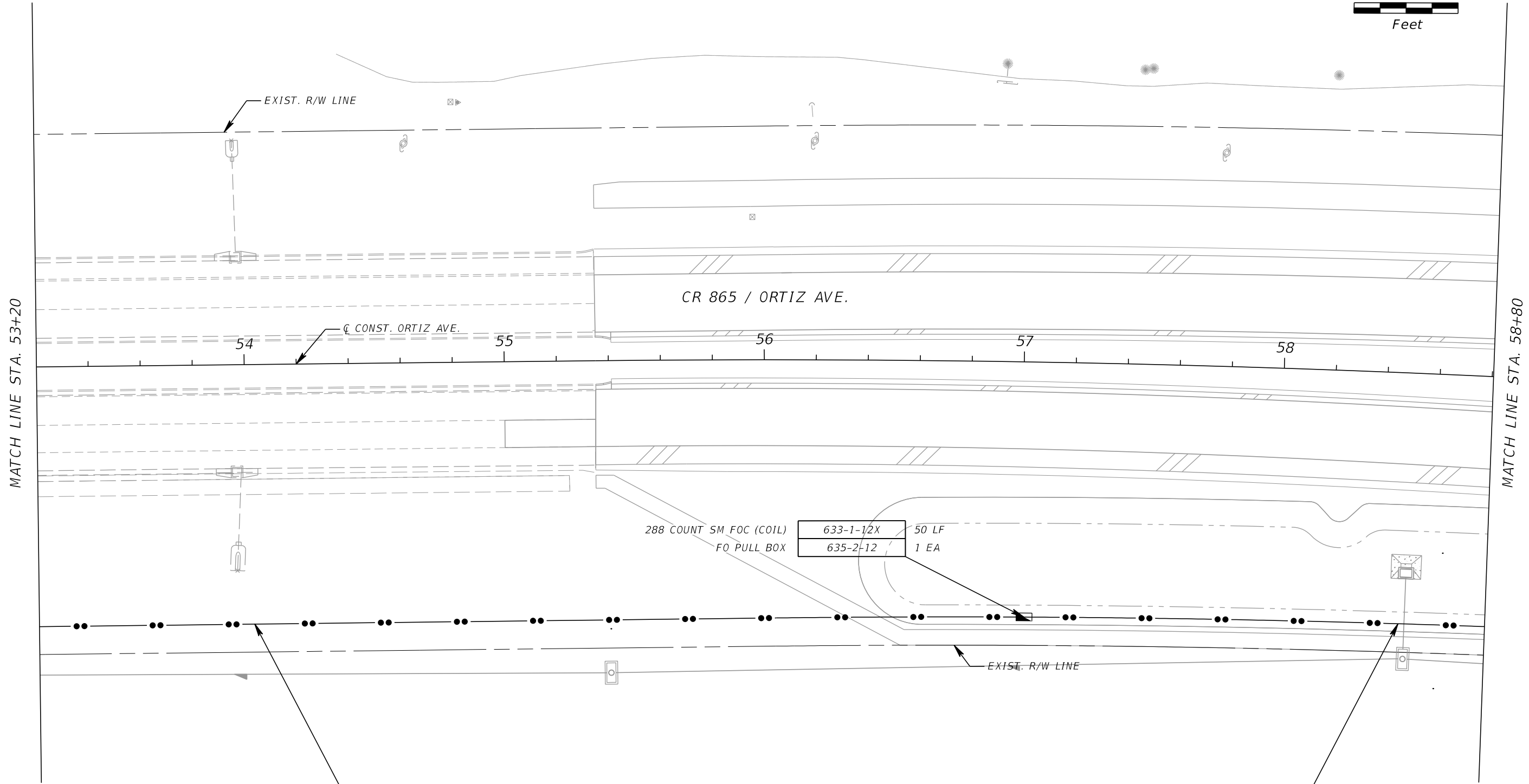
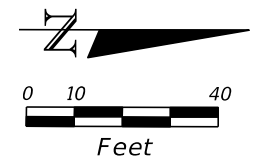
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ITS PLAN (8)

SHEET NO.
IT-14

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379 LF	630-2-12	1-4" CONDUIT WITH 3-1.25" INNERDUCTS FOR 288 COUNT SM FOC
379 LF	633-1-12X	288 COUNT SM FOC

177 LF	630-2-12	1-4" CONDUIT WITH 3-1.25" INNERDUCTS FOR 288 COUNT SM FOC
177 LF	633-1-12X	288 COUNT SM FOC

REVISIONS			
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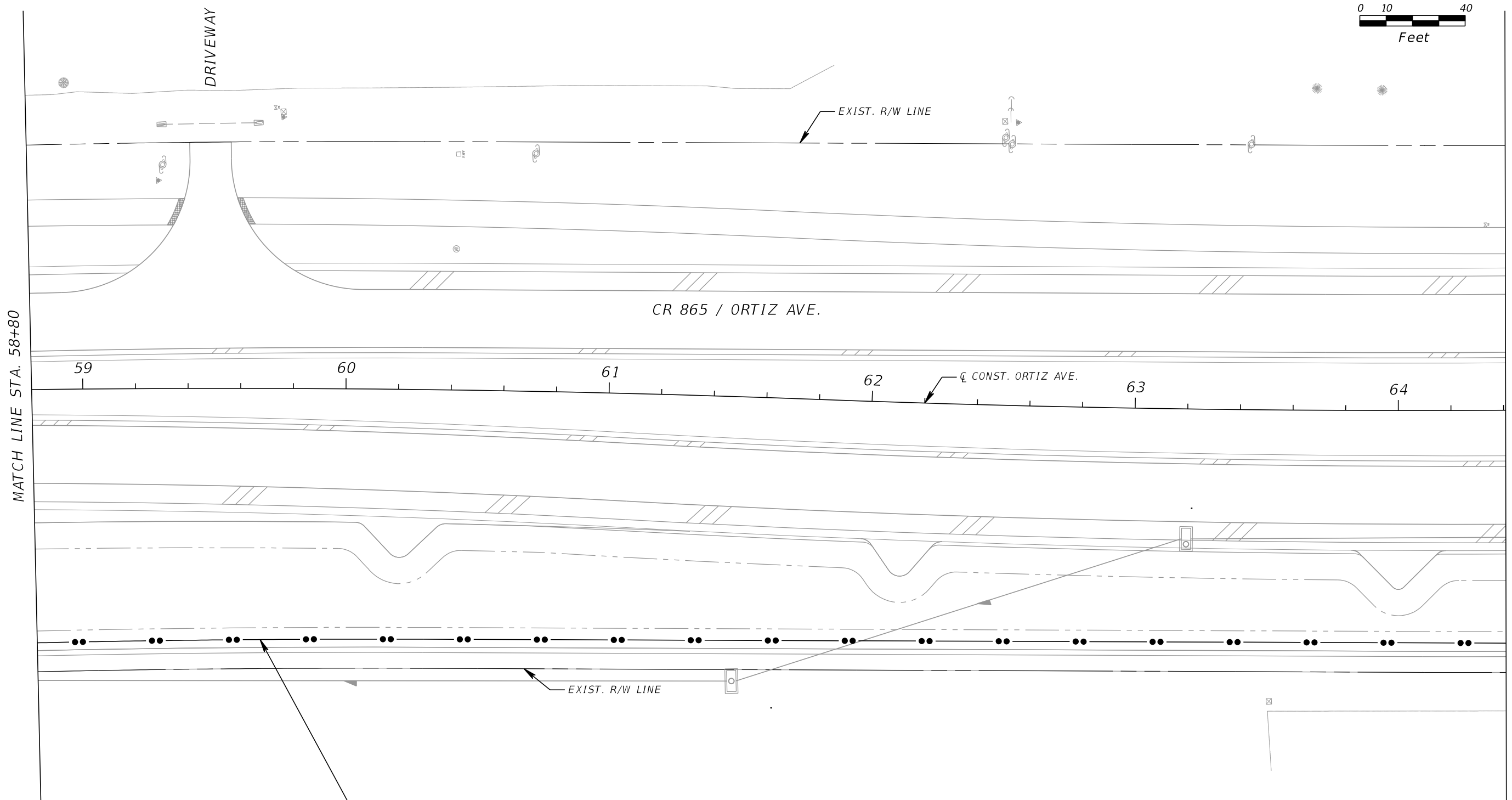
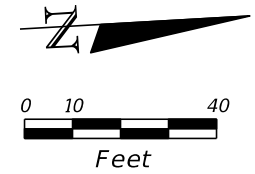
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ITS PLAN (9)

SHEET NO.
IT-15

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MATCH LINE STA. 58+80

MATCH LINE STA. 64+40

558 LF	630-2-12	1-4" CONDUIT WITH 3-1.25" INNERDUCTS FOR 288 COUNT SM FOC
558 LF	633-1-12X	288 COUNT SM FOC

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

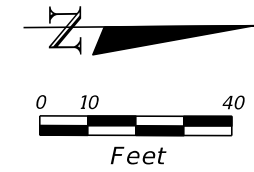
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ITS PLAN (10)

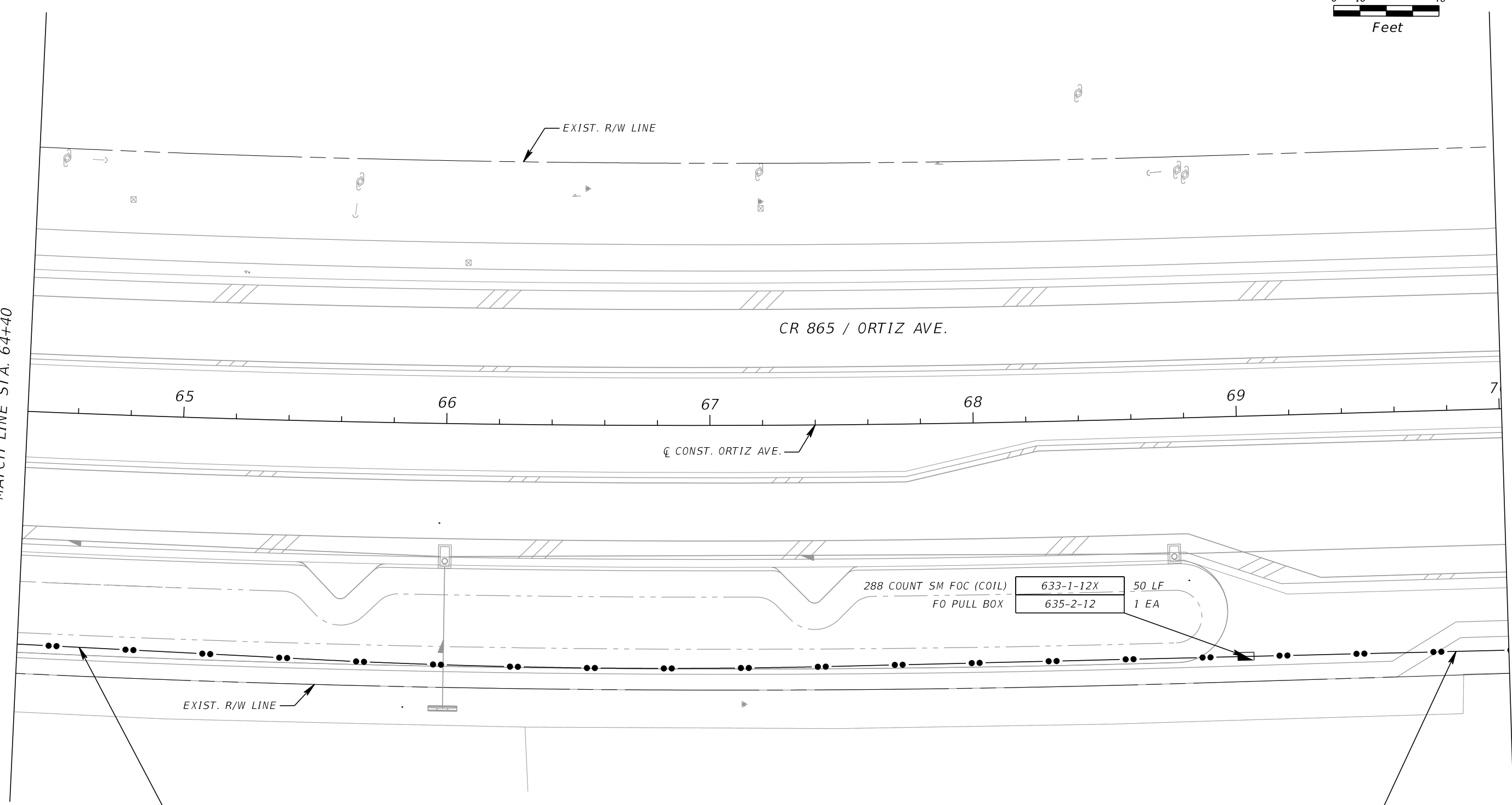
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IT-16

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MATCH LINE STA. 64+40

MATCH LINE STA. 70+00

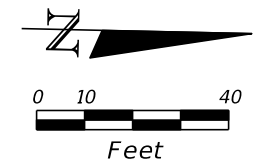


467 LF	630-2-12	1-4" CONDUIT WITH 3-1.25" INNERDUCTS FOR 288 COUNT SM FOC
467 LF	633-1-12X	288 COUNT SM FOC

1-4" CONDUIT WITH 3-1.25" INNERDUCTS FOR 288 COUNT SM FOC	630-2-12	100 LF
288 COUNT SM FOC	633-1-12X	100 LF

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY	CONTRACT NO.		
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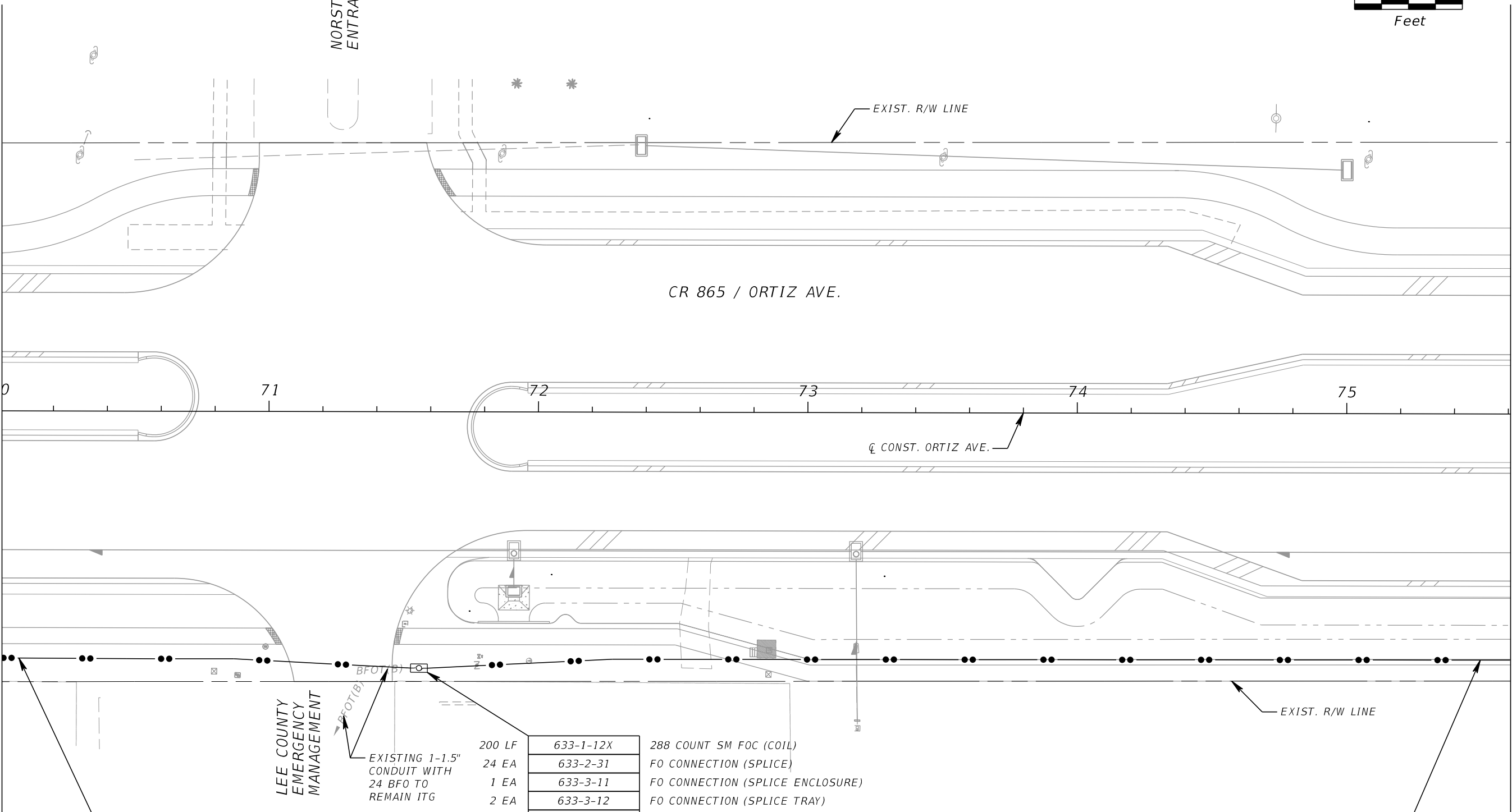
NORSTAR APTS.
ENTRANCE

MATCH LINE STA. 70+00

MATCH LINE STA. 75+60

CR 865 / ORTIZ AVE.

CL CONST. ORTIZ AVE.



152 LF	630-2-12
152 LF	633-1-12X

1-4" CONDUIT WITH 3-1.25" INNERDUCTS
FOR 288 COUNT SM FOC
288 COUNT SM FOC

LEE COUNTY
EMERGENCY
MANAGEMENT

EXISTING 1-1.5"
CONDUIT WITH
24 BFO TO
REMAIN ITG

200 LF	633-1-12X	288 COUNT SM FOC (COIL)
24 EA	633-2-31	FO CONNECTION (SPLICE)
1 EA	633-3-11	FO CONNECTION (SPLICE ENCLOSURE)
2 EA	633-3-12	FO CONNECTION (SPLICE TRAY)
1 EA	635-2-13	SPLICE VAULT

REPLACE EXISTING FO PULL BOX
WITH NEW FO SPLICE VAULT. SPLICE
NEW FO BACKBONE TO THE EXISTING
24 COUNT FIBER OF ITG TO REMAIN
FOR EMERGENCY OPERATIONS
MANAGEMENT (EOC).

1-4" CONDUIT WITH 3-1.25" INNERDUCTS
FOR 288 COUNT SM FOC
288 COUNT SM FOC

630-2-12	403 LF
633-1-12X	403 LF

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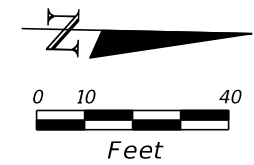
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ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

ITS PLAN (12)

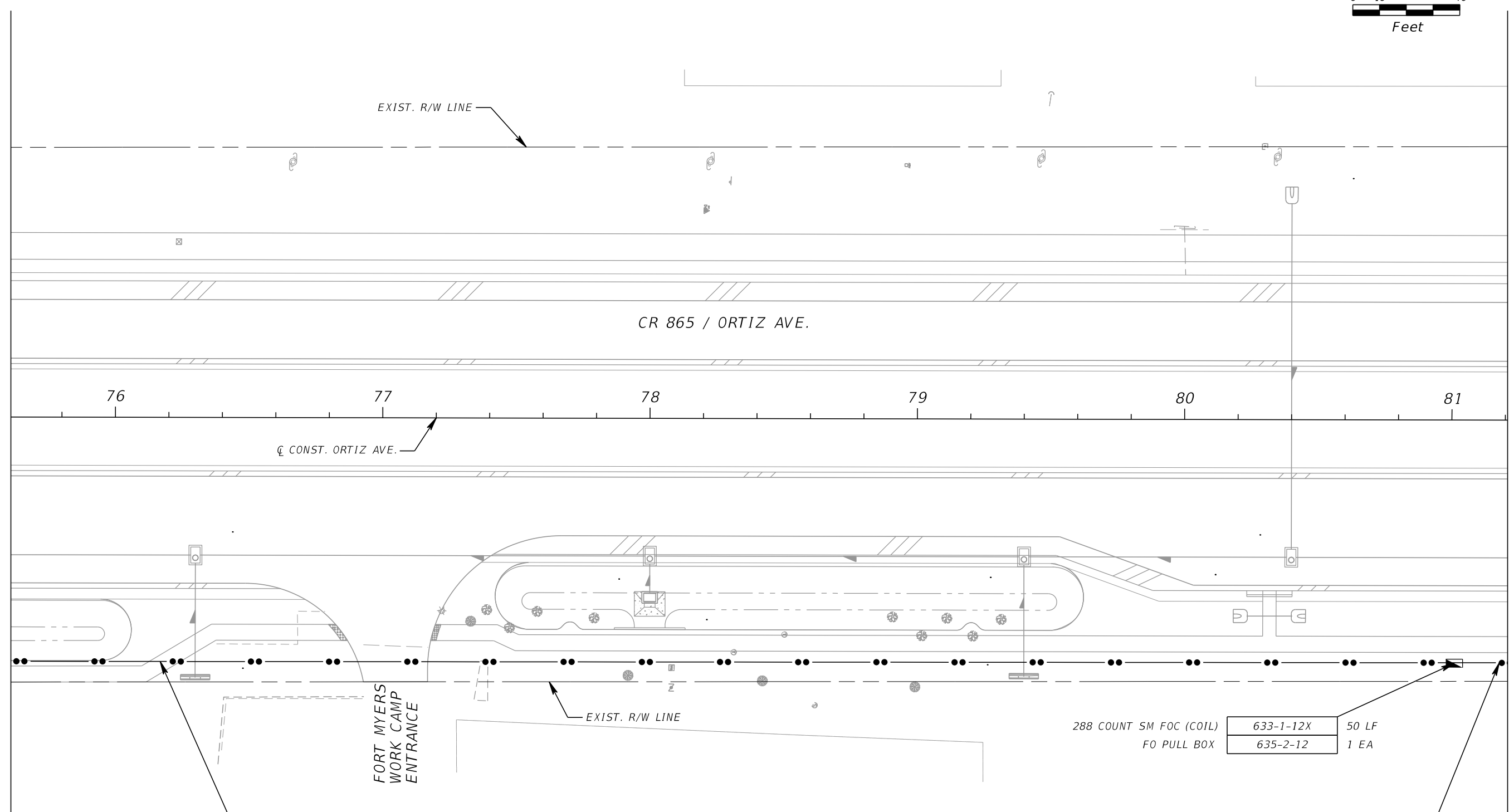
SHEET
NO.
IT-18

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MATCH LINE STA. 75+60

MATCH LINE STA. 81+20



540 LF	630-2-12	1-4" CONDUIT WITH 3-1.25" INNERDUCTS FOR 288 COUNT SM FOC
540 LF	633-1-12X	288 COUNT SM FOC

288 COUNT SM FOC (COIL)	633-1-12X	50 LF
FO PULL BOX	635-2-12	1 EA

1-4" CONDUIT WITH 3-1.25" INNERDUCTS FOR 288 COUNT SM FOC	630-2-12	20 LF
288 COUNT SM FOC	633-1-12X	20 LF

FORT MYERS
WORK CAMP
ENTRANCE

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA
KISINGER CAMPO & ASSOCIATES P.E. No.: 81581

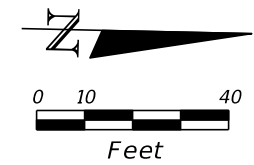
201 N. Franklin Street, Suite 400
Tampa, Florida 33602
Engineer of Record: Burak Konuk, P.E.

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

ITS PLAN (13)

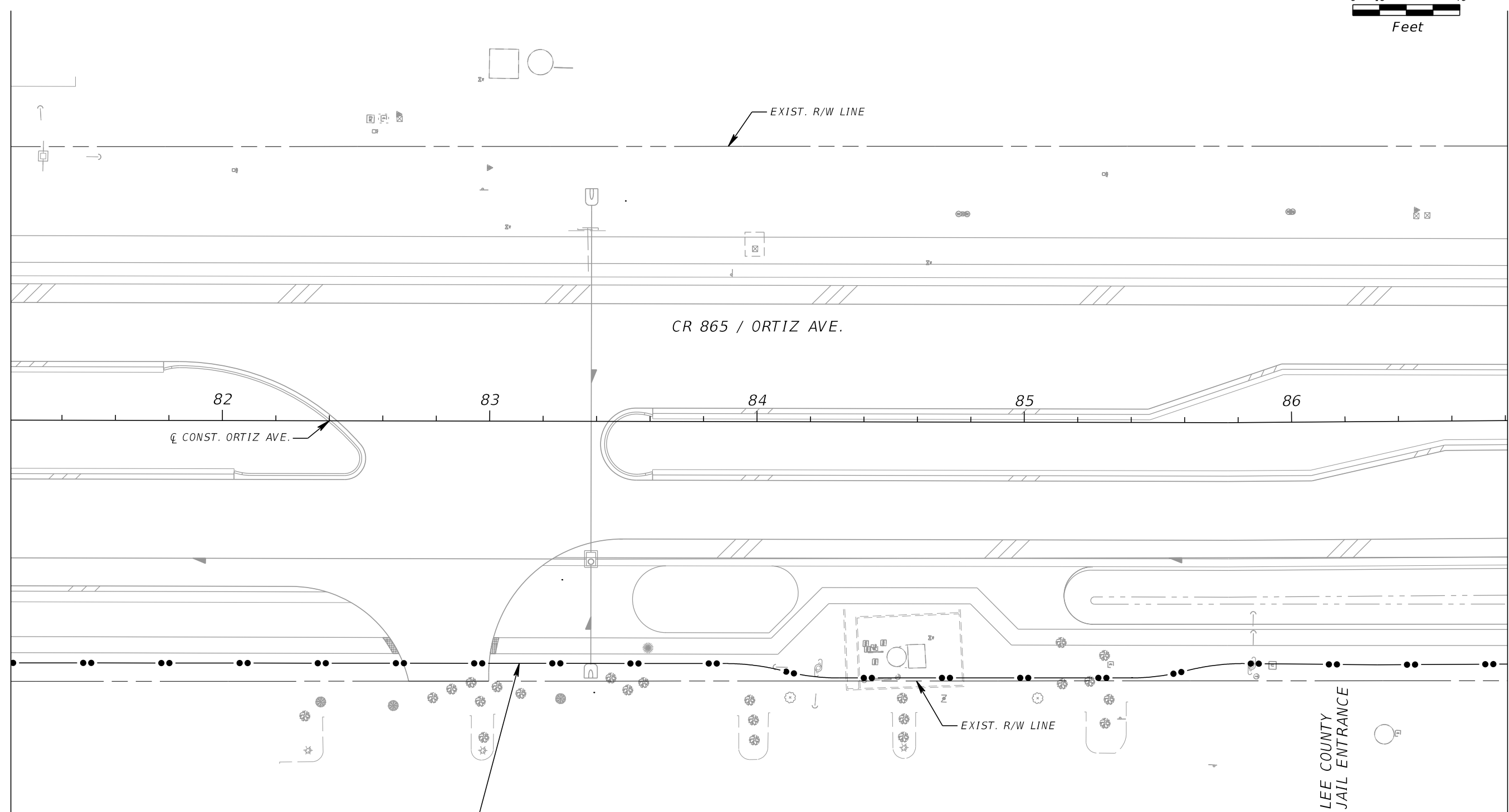
SHEET NO.
IT-19

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MATCH LINE STA. 81+20

MATCH LINE STA. 86+80



1-4" CONDUIT WITH 3-1.25" INNERDUCTS FOR 288 COUNT SM FOC	630-2-12	560 LF
288 COUNT SM FOC	633-1-12X	560 LF

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

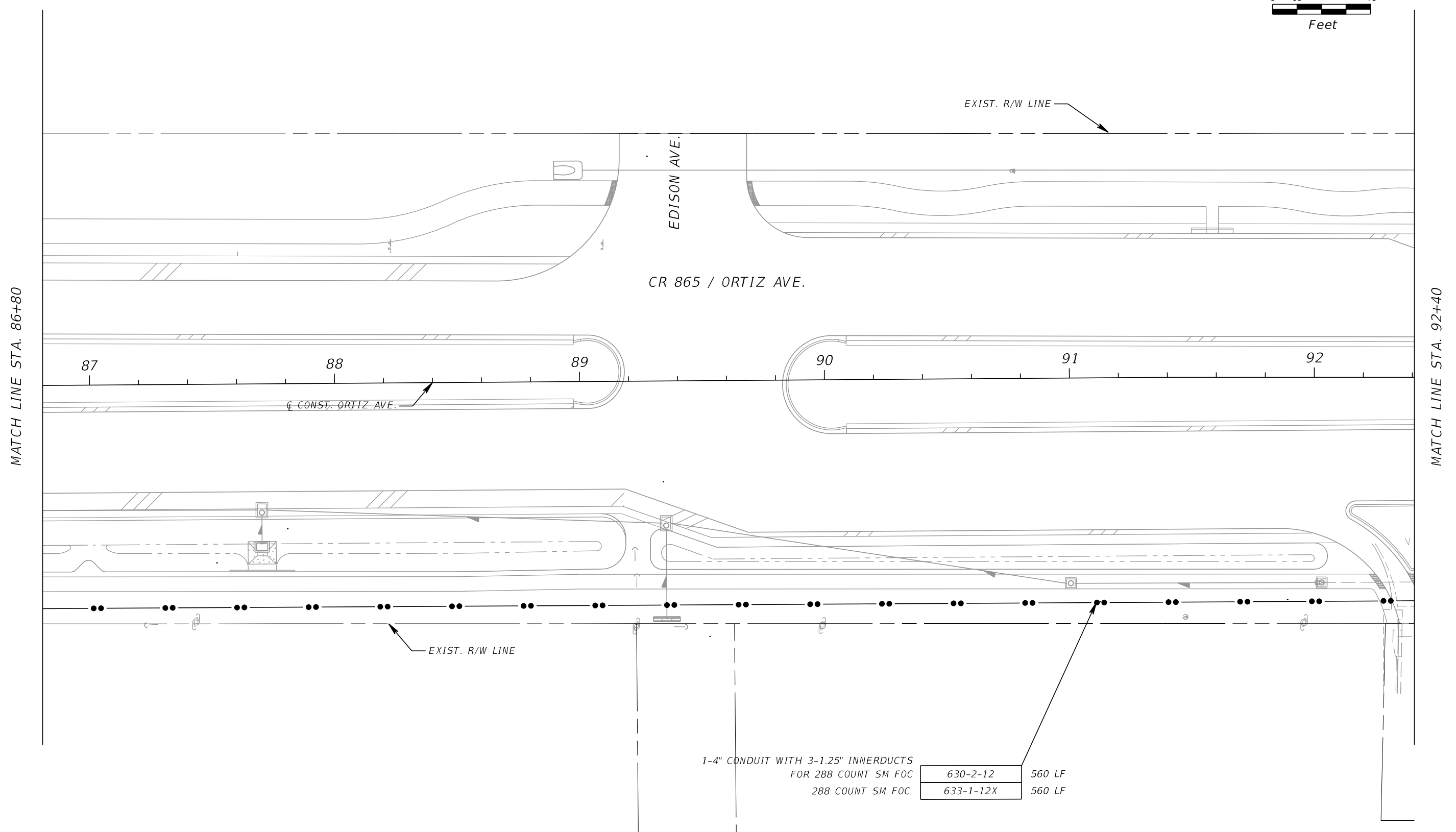
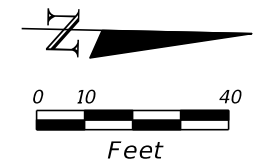
KCA
 KISINGER CAMPO & ASSOCIATES P.E. No.: 81581
 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
 Engineer of Record: Burak Konuk, P.E.

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

ITS PLAN (14)

SHEET NO.
IT-20

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MATCH LINE STA. 86+80

MATCH LINE STA. 92+40

1-4" CONDUIT WITH 3-1.25" INNERDUCTS
FOR 288 COUNT SM FOC

630-2-12	560 LF
633-1-12X	560 LF

288 COUNT SM FOC

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA
KISINGER CAMPO & ASSOCIATES P.E. No.: 81581

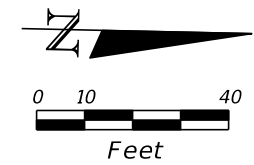
201 N. Franklin Street, Suite 400
Tampa, Florida 33602
Engineer of Record: Burak Konuk, P.E.

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

ITS PLAN (15)

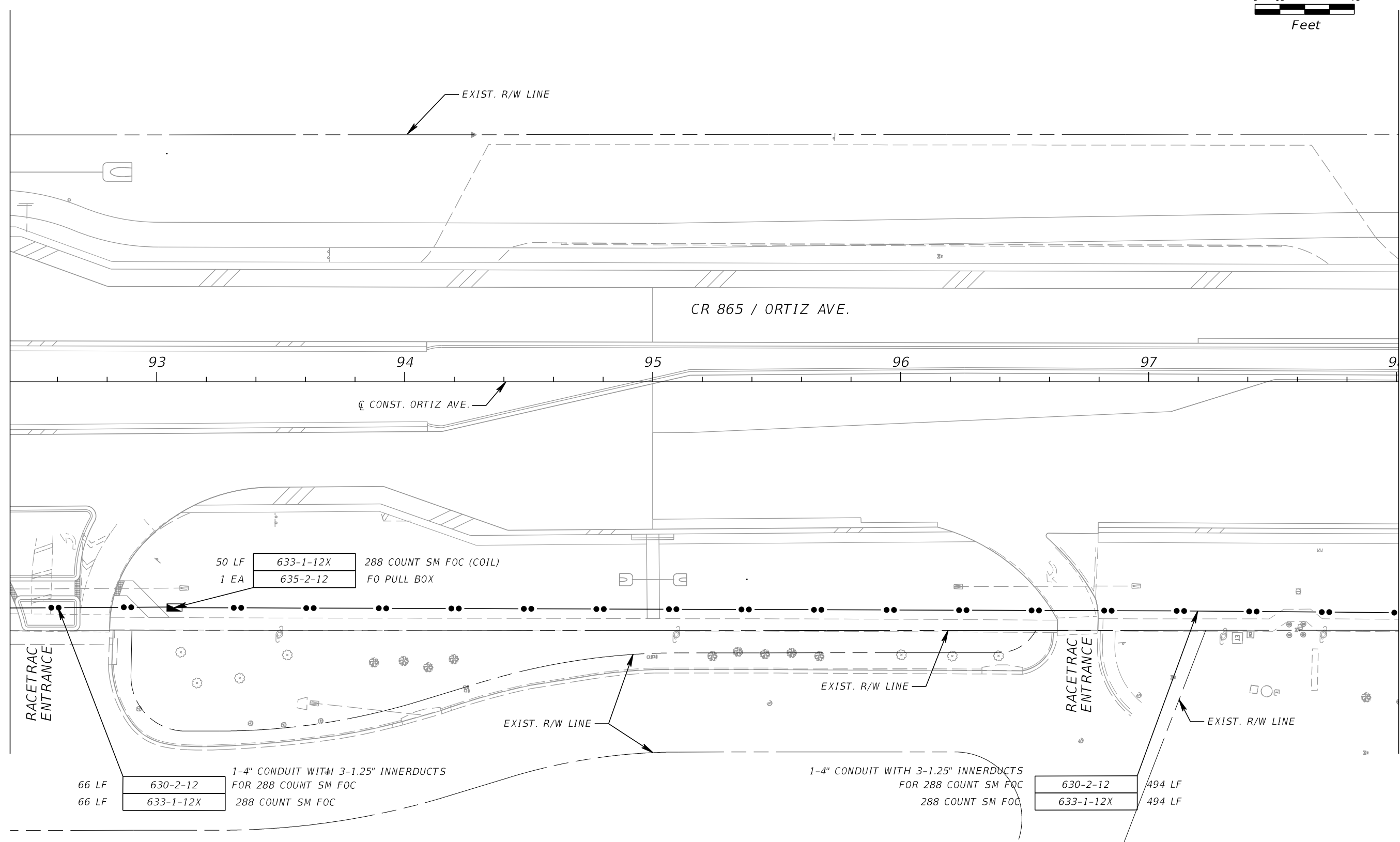
SHEET NO.
IT-21

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MATCH LINE STA. 92+40

MATCH LINE STA. 98+00



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA
KISINGER CAMPO & ASSOCIATES P.E. No.: 81581

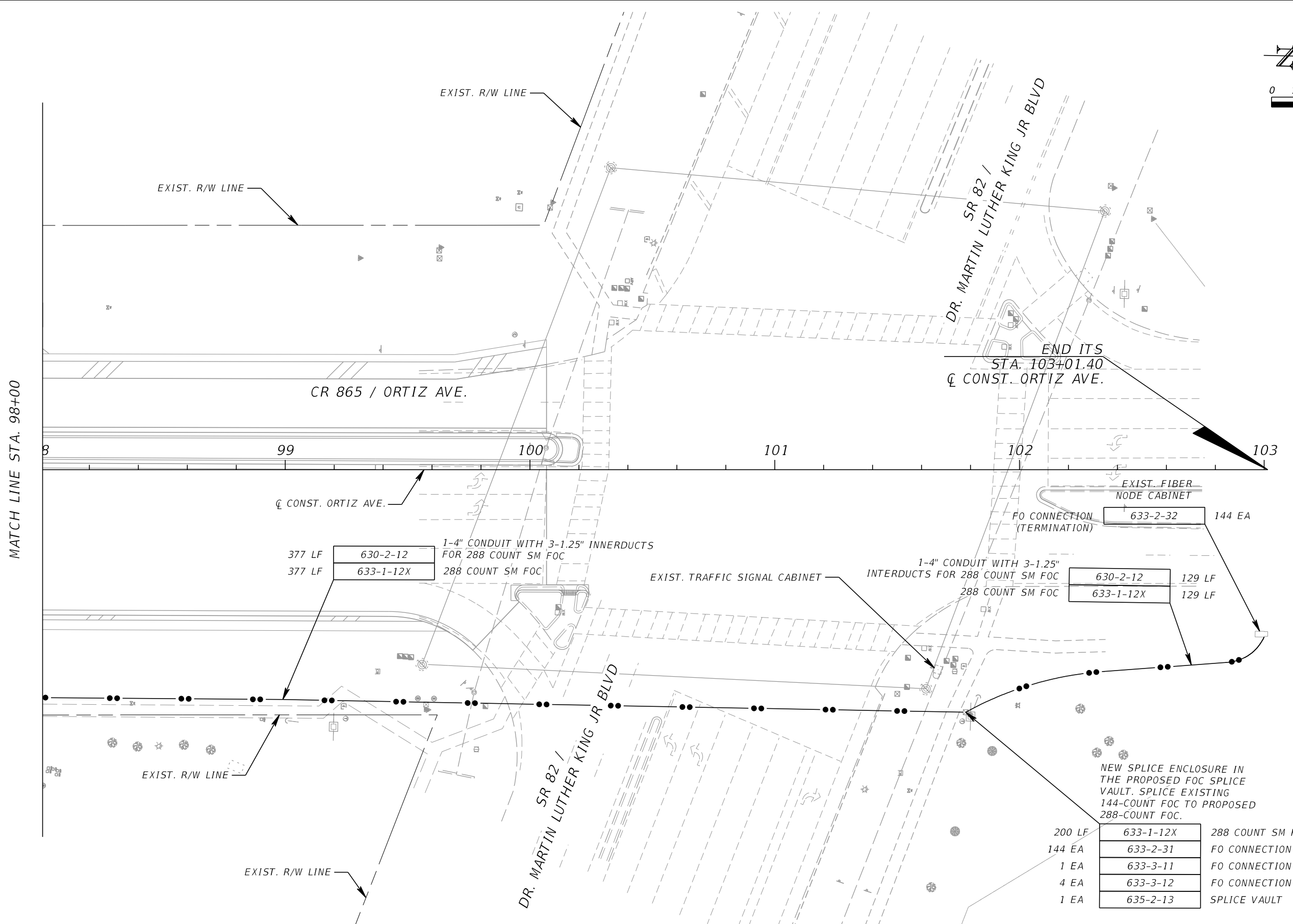
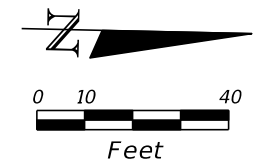
201 N. Franklin Street, Suite 400
Tampa, Florida 33602
Engineer of Record: Burak Konuk, P.E.

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

ITS PLAN (16)

SHEET NO.
IT-22

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MATCH LINE STA. 98+00

END ITS
STA. 103+01.40
¢ CONST. ORTIZ AVE.

377 LF 630-2-12 1-4" CONDUIT WITH 3-1.25" INNERDUCTS FOR 288 COUNT SM FOC
377 LF 633-1-12X 288 COUNT SM FOC

1-4" CONDUIT WITH 3-1.25" INTERDUCTS FOR 288 COUNT SM FOC
288 COUNT SM FOC

EXIST. FIBER NODE CABINET
FO CONNECTION (TERMINATION) 633-2-32 144 EA

630-2-12 129 LF
633-1-12X 129 LF

NEW SPLICE ENCLOSURE IN THE PROPOSED FOC SPLICE VAULT. SPLICE EXISTING 144-COUNT FOC TO PROPOSED 288-COUNT FOC.

200 LF	633-1-12X	288 COUNT SM FOC (COIL)
144 EA	633-2-31	FO CONNECTION (SPLICE)
1 EA	633-3-11	FO CONNECTION (SPLICE ENCLOSURE)
4 EA	633-3-12	FO CONNECTION (SPLICE TRAY)
1 EA	635-2-13	SPLICE VAULT

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA
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201 N. Franklin Street, Suite 400
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Engineer of Record: Burak Konuk, P.E.

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD	COUNTY	CONTRACT NO.
CR 865 (ORTIZ AVE.)	LEE COUNTY	CN18-8479

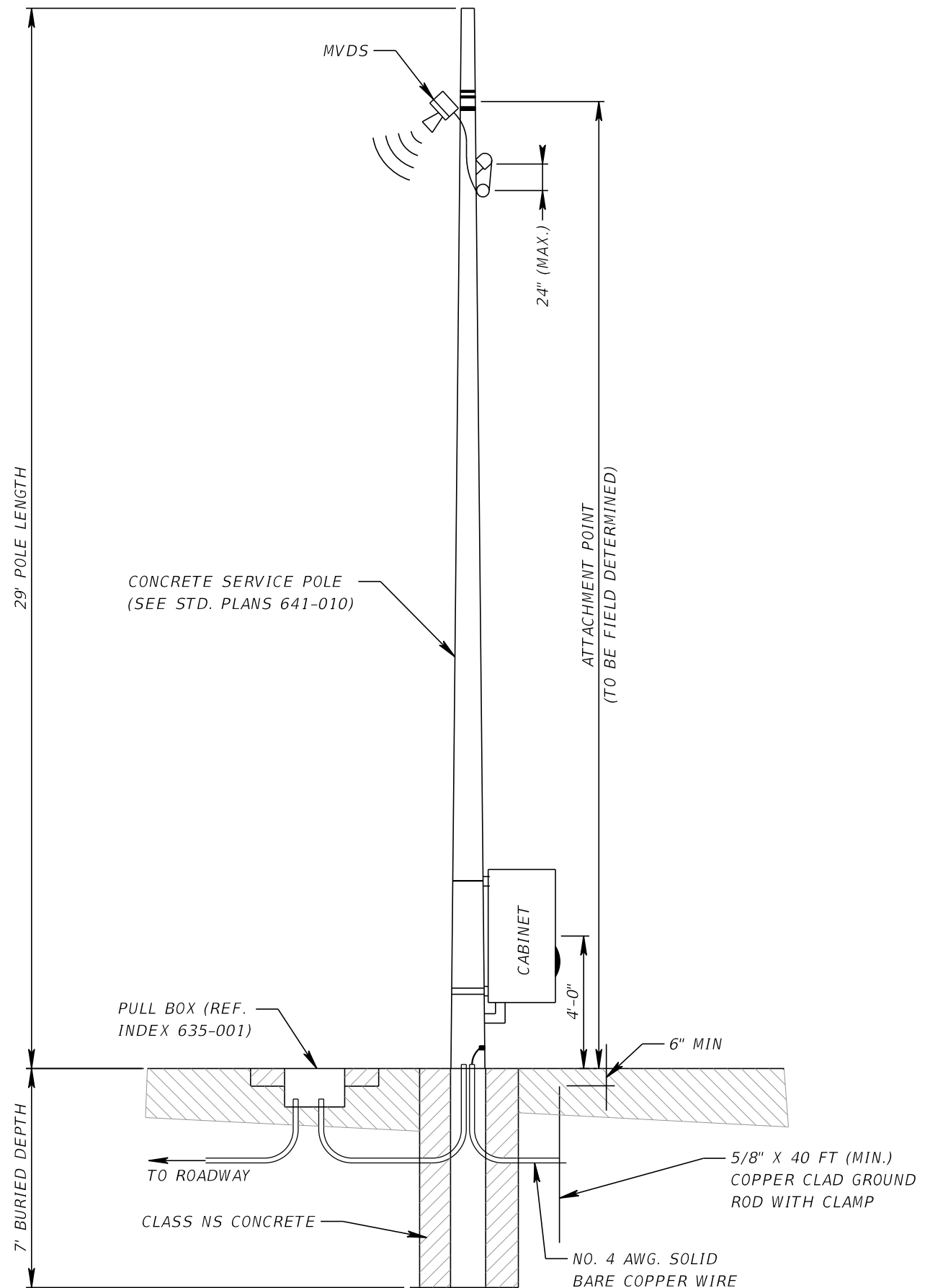
ITS PLAN (17)

SHEET NO.
IT-23

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CONCRETE SERVICE POLE

WITH POLE MOUNTED CABINET



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA
 KISINGER CAMPO & ASSOCIATES P.E. No.: 81581
 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
 Engineer of Record: Burak Konuk, P.E.

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD	COUNTY	CONTRACT NO.
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MVDS INSTALLATION DETAIL

SHEET NO.
IT-24

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