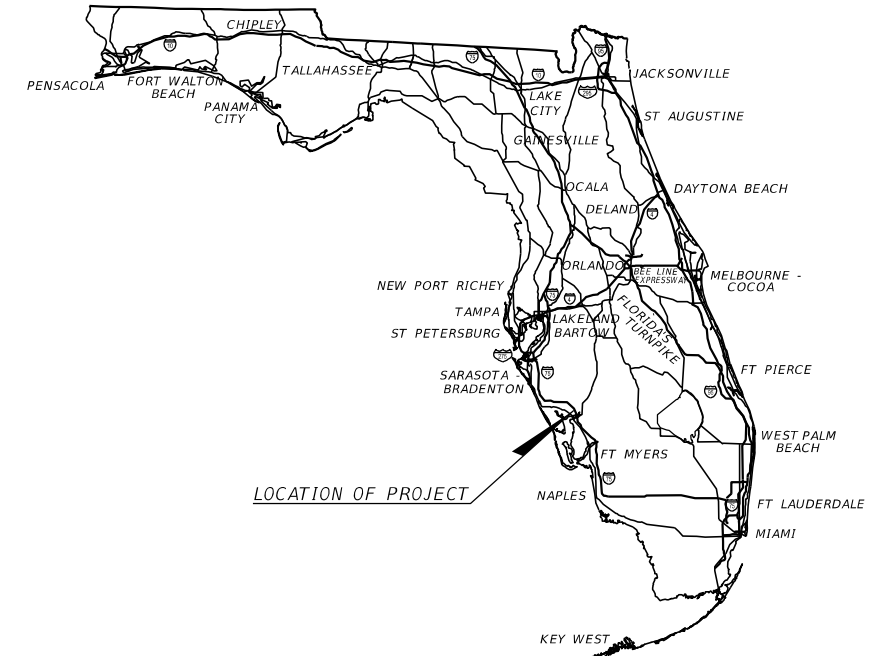


CHARLOTTE COUNTY
PUBLIC WORKS DEPARTMENT

CONTRACT PLANS

VETERANS BLVD. AT ORLANDO BLVD.



INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
3	TYPICAL SECTION
4	SUMMARY OF DRAINAGE STRUCTURES
5 - 6	GENERAL NOTES
7 - 8	ROADWAY PLAN
9 - 10	GRADING PLAN
11	DRAINAGE STRUCTURES
12 - 17	CROSS SECTION
18 - 19	EROSION CONTROL PLAN
20	TEMPORARY TRAFFIC CONTROL PLAN
21 - 22	SUMMARY OF VERIFIED UTILITIES
23 - 24	UTILITY ADJUSTMENTS
25 - 26	SIGNING AND PAVEMENT MARKING PLAN
27 - 28	ITS PLAN
29	POLE DATA & LEGEND
30	LIGHTING PLAN
31	CHARLOTTE COUNTY OPEN TRENCH DETAIL

BEGIN PROJECT
STA. 52+34.00
Q CONST. VETERANS BLVD.



END PROJECT
STA. 59+16.50
Q CONST. VETERANS BLVD.

ROADWAY PLANS
ENGINEER OF RECORD:

KRIS KARANXHA, P.E.
P.E. LICENSE NUMBER 92368
FLORIDA TRANSPORTATION ENGINEERING, INC.
12550 TELECOM DRIVE
TEMPLE TERRACE, FLORIDA 33637
(813) 989 - 0729
CONTRACT NO.: 2019000297
VENDOR NO.: F65-0183924

CHARLOTTE COUNTY PUBLIC WORKS DIRECTOR:
JOHN ELIAS

CHARLOTTE COUNTY COUNTY ENGINEER:
JOANNE VERNON, P.E.

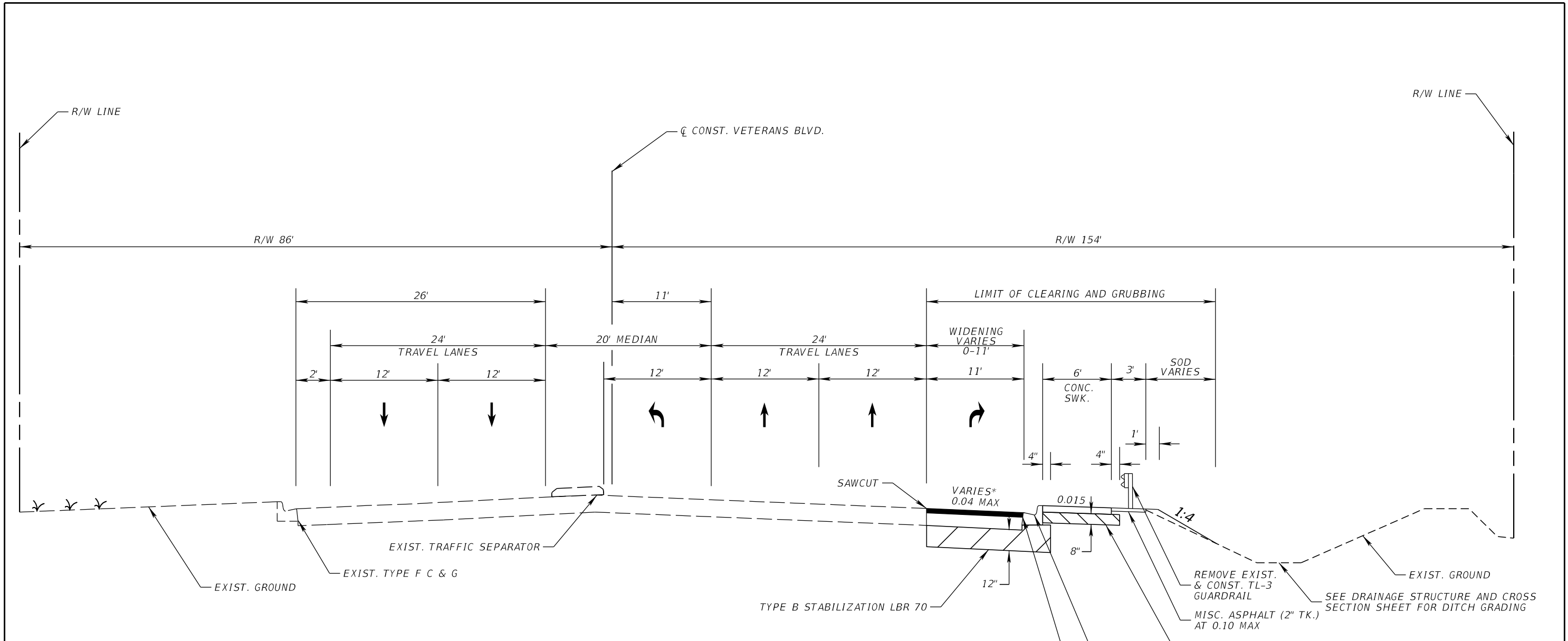
CHARLOTTE COUNTY PROJECT MANAGER:
JEFF KEYSER

CHARLOTTE COUNTY BOARD OF COMMISSIONERS

- DISTRICT 1: KEN DOHERTY
- DISTRICT 2: CHRISTOPHER CONSTANCE
- DISTRICT 3: BILL TRUEX
- DISTRICT 4: STEPHEN R. DEUTSCH
- DISTRICT 5: JOE TISEO

SHEET NO.

1



**TYPICAL SECTION
VETERANS BLVD.
STA. 52+34.00 TO STA. 59+16.50**

*SEE GRADING PLAN FOR DETAILS

WIDENING

OPTIONAL BASE GROUP 9 WITH
3" TYPE S-I ASPHALTIC CONCRETE
AND 1.5" TYPE S-III ASPHALT

RESURFACING

MILL EXIST. ASPHALT PAVEMENT 1.5" DEPTH
1.5" TYPE S-III ASPHALT

TRAFFIC DATA

CURRENT YEAR = 2024 AADT = 27638
K = 9% D = 54.7% T = 12% (24 HOUR)
DESIGN SPEED = 45 MPH
POSTED SPEED = 55 MPH

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REVISIONS		ENGINEER OF RECORD		CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT	TYPICAL SECTION	SHEET NO. 3
DATE	DESCRIPTION	DATE	DESCRIPTION			

KRIS KARANXHA, P.E.
LICENSE NUMBER 92368
FLORIDA TRANSPORTATION ENGINEERING, INC.
12550 TELECOM DRIVE
TEMPLE TERRACE, FLORIDA 33637

SUMMARY OF DRAINAGE STRUCTURES

QUANTITY	STR. NO.	STATION	SIDE	DESCRIPTION	BARRELS	MITERED END SECTIONS		STORM/CROSS DRAIN		CURB INLETS		REMARKS
						ROUND	ROUND	P-5	P-6			
						18"	18"	<10'	<10'			
P	S-1	55+00.00	RT.	CURB INLET, PIPE	1						1	
F												
P	S-2	55+00.00	RT.	MITERED END SECTION, PIPE	1	1		32				
F												
P	S-3	55+72.00	RT.	CURB INLET, PIPE	1			12		1		
F												
P	S-4	55+72.00	RT.	MITERED END SECTION, PIPE	1	1		33				
F												

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<table border="1"> <thead> <tr> <th colspan="2">REVISIONS</th> <th colspan="2">ENGINEER OF RECORD</th> </tr> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>				REVISIONS		ENGINEER OF RECORD		DATE	DESCRIPTION	DATE	DESCRIPTION					LUIS ALFREDO CELY, P.E. LICENSE NUMBER 70653 ALFKA, LLC. 400 N. TAMPA STREET, STE 1440 TAMPA, FLORIDA, 33602		CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		SUMMARY OF DRAINAGE STRUCTURES		SHEET NO. 4
REVISIONS		ENGINEER OF RECORD																				
DATE	DESCRIPTION	DATE	DESCRIPTION																			

GENERAL NOTES

1. ALL BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88). EXISTING AND PROPOSED ELEVATIONS SHOWN ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
2. CONTACT CHARLOTTE COUNTY UTILITY DEPARTMENT 48 HOURS PRIOR TO CONSTRUCTION.
3. ALL WORK AND MATERIALS FOR THE PROJECT SHALL CONFORM TO CURRENT CHARLOTTE COUNTY SPECIFICATIONS.
4. EXISTING FACILITIES SHALL BE RESTORED TO A CONDITION EQUIVALENT OR BETTER TO THAT WHICH EXISTED PRIOR TO COMMENCING CONSTRUCTION, AT NO ADDITIONAL COST TO THE OWNER.
5. ANY LAND DISTURBED BY CONSTRUCTION SHALL BE SODDED. USE ARGENTINE BAHIA OR LIKE KIND AND CONFORM TO FDOT SPECIFICATION SECTION 570 AND STANDARD PLANS INDEX 570-010. SOD ALONG EDGES OF PAVEMENT OF ALL ROADS, SIDEWALKS, AND/OR CURB SHALL BE 1 INCH BELOW FINISHED PAVEMENT GRADE.
6. USE EXTREME CARE NOT TO DAMAGE THE ROOT SYSTEMS OF TREES AND OTHER LANDSCAPE FEATURES WHICH ARE TO REMAIN. NO EQUIPMENT, SUPPLIES, OR VEHICLES SHALL BE STORED WITHIN THE DRIP LINE OF TREES TO REMAIN.
7. ADJUST ALL VALVE BOXES, MANHOLE RIMS, GRATES, ETC. AS NECESSARY TO MATCH PROPOSED GRADES.
8. CONCRETE SIDEWALKS SHALL BE CONSTRUCTED PER FDOT INDEX NO. 522-001 (FY 2024-25) AND FDOT STANDARD SPECIFICATION NO. 522 EXCEPT FOR CURB CUT RUNS WHICH SHALL BE FINISHED IN ACCORDANCE WITH INDEX NO. 522-002 EXCEPT AMENDMENTS TO DESIGN PER CHARLOTTE COUNTY PUBLIC WORKS - ENGINEERING DIVISION. CLASS I CONCRETE, 3,000 PSI @ 28 DAYS SHALL BE USED FOR ALL SIDEWALKS AND CONCRETE STRUCTURES, SIDEWALKS TO RECEIVE FIBERMESH REINFORCING.
9. ANY IMPACT/COMPROMISE TO THE 24" WATER MAIN WILL HAVE SERIOUS CONSEQUENCES. THIS LINE IS A MAIN FEED FOR MOST OF CHARLOTTE COUNTY AND DUE CARE SHALL BE EXERCISED WHEN EXCAVATING THE AREA.

DRAINAGE NOTES:

1. ALL CONCRETE PIPE SHALL BE REINFORCED WITH STEEL. PIPE LENGTH SHOWN IS CENTER OF STRUCTURE TO CENTER OF STRUCTURE AND OUTLET ENDS OF MITERED END SECTIONS AND FLARED END SECTIONS.
2. ALL CONCRETE BOX CULVERTS AND REINFORCED CONCRETE PIPE JOINTS (BOTH ROUND AND ELLIPTICAL PIPE) SHALL BE WRAPPED WITH GEOTEXTILE MATERIAL (MIRAFI, OR EQUAL). THE FABRIC SHALL COMPLETELY ENCIRCLE THE JOINT AND BE OVERLAPPED 2-1/2 FEET, AND EXTENDED 2-1/2 FEET BOTH SIDES OF THE JOINT. ALL FABRIC TO BE SECURED WITH AN APPROVED MASTIC DESIGNED FOR THIS PURPOSE.
3. THE STORM DRAINAGE PIPING AND FILTRATION SYSTEM SHALL BE SUBJECT TO A VISUAL INSPECTION BY THE OWNER'S ENGINEER PRIOR TO THE PLACEMENT OF BACKFILL. NOTIFY THE ENGINEER 48 HOURS IN ADVANCE TO SCHEDULE INSPECTION.
4. MAINTAIN THE STORM DRAINAGE SYSTEM UNTIL THE FINAL ACCEPTANCE OF THE PROJECT. THE STORM SYSTEM WILL BE INSPECTED BY THE OWNER'S ENGINEER PRIOR TO FINAL ACCEPTANCE.

ORDINANCE 85-43 NOTE:

1. ORDINANCE 85-43 REQUIRES A STATEMENT WHETHER PROPOSED SWALE GRADES ARE CONSISTENT WITH ORIGINAL DRAINAGE PLANS.
2. THE PROPOSED GRADES ON THESE PLANS ARE CONSISTENT WITH THE ORIGINAL GRADES. THE ONLY MINOR MODIFICATION IS THAT THE FLOWLINE LOCATIONS ADJACENT TO THE PROPOSED ROADWAY ALIGNMENT AND WIDENING HAVE BEEN ADJUSTED. UPSTREAM SWALES OUTSIDE THE PROJECT AREA ARE NOT ALTERED, NO ADVERSE IMPACT FROM THIS ROADWAY PROJECT IS FORESEEN. ENGINEER DOES NOT MAKE ANY STATEMENT AS TO NON R/W DRAINAGE PATTERNS BEYOND THE EXTENT OF THE SURVEY AND PROJECT AREA.

HORIZONTAL & VERTICAL CONTROL TABLE						
POINT	STATION	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION
MT 16			980865.322	631055.974	22.46	WHITE CHEVRON - MOBILE TARGET
MT 17			980650.205	631079.213	21.60	WHITE CHEVRON - MOBILE TARGET
MT 18	53+13.80	39.34' RT	980784.996	631567.805	22.74	WHITE CHEVRON - MOBILE TARGET
MT 19	58+04.15	36.16' LT	980857.305	632058.619	23.71	WHITE CHEVRON - MOBILE TARGET
MT 20	59+26.21	40.45' RT	980779.912	632180.189	24.00	WHITE CHEVRON - MOBILE TARGET
MT 21	58+35.37	175.90' RT	980645.105	632088.434	22.79'	WHITE CHEVRON - MOBILE TARGET

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REVISIONS				ENGINEER OF RECORD		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			
				KRIS KARANXHA, P.E. LICENSE NUMBER 92368 FLORIDA TRANSPORTATION ENGINEERING, INC. 12550 TELECOM DRIVE TEMPLE TERRACE, FLORIDA 33637		5
				CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		GENERAL NOTES (1)

SIGNING AND PAVEMENT MARKING NOTES

1. ALL MARKINGS SHALL BE PAINT, NO THERMOPLASTIC.
2. PERMANENT RPM'S AS REQUIRED FOR MAINLINE EDGE, CENTER, AND LANE LINES SHALL BE PLACED WITHIN 72 HOURS OF COMPLETION OF THE MAINLINE SURFACE COURSE. OTHER LOCATIONS FOR RPM'S PLACEMENT MAY BE DESIGNATED BY THE COUNTY.

LIGHTING NOTES

1. REFER TO STANDARD PLANS INDEX 715-002 FOR USE OF STANDARD CONCRETE FOUNDATIONS.
2. ANY DAMAGED PORTIONS OF POLES, FIXTURES AND BRACKET ARMS WILL BE REJECTED.
3. ALL CONDUITS THAT WILL REMAIN EMPTY SHALL BE MANDREL TESTED, CLEANED INSIDE AND BOTH ENDS CAPPED. LEAVE THE CORROSION RESISTANT PULL WIRE AND PLACE PULL BOXES TO MARK THE LOCATION OF THE ENDS OF THE CONDUITS.
4. ALL MATERIAL, UNLESS OTHERWISE SPECIFIED, SHALL BE UNDERWRITERS LABORATORY (UL APPROVED).
5. PULL BOXES SHALL MEET CHARLOTTE COUNTY STANDARDS.
6. ALL PULL BOXES FOR ROADWAY LIGHTING SHALL HAVE STAMPED COVERS LABELED "STREET LIGHTING".
7. INSTALLATION OF LIGHTING POLES AND CIRCUITS SHALL BE IN ACCORDANCE WITH THE FDOT STANDARD PLANS-FY 2024-25, INDEX 715-001, AND THE LATEST NATIONAL ELECTRIC CODE. ALL COMPONENTS SHALL BE PROPERLY GROUNDED AND BONDED PER N.E.C. AND N.E.S.C. CODE AND CURRENT EDITION OF THE CHARLOTTE COUNTY LIGHTING DISTRICT SUPPLEMENTAL SPECIFICATIONS.
8. FOUR COPIES OF SHOP DRAWINGS AND DESIGN DATA SHALL BE SUBMITTED TO THE ENGINEER OF RECORD WITH A COPY OF THE SUBMITTAL LETTER SENT TO CHARLOTTE COUNTY PUBLIC WORKS, PROJECT MANAGER. A COPY OF SHOP DRAWINGS SHALL BE SENT TO CHARLOTTE COUNTY FOR REVIEW AND APPROVAL. ALLOW A 30 DAY TURNAROUND FOR SUBMITTALS.
9. LIGHTING CONTRACTOR MUST FOLLOW ALL OSHA RULES AND REGULATIONS WHEN WORKING IN THE VICINITY OF ENERGIZED FPL HIGH VOLTAGE ELECTRIC LINES. AT NO TIME SHOULD ANY PERSONNEL OR EQUIPMENT BE CLOSER THAN 16 FEET TO ENERGIZED LINES.
10. NOTIFY FPL AT LEAST 48 HOURS PRIOR TO ANY INSTALLATION THAT IS WITHIN 20 FEET OF ENERGIZED ELECTRICAL CONDUCTORS. FPL, AT ITS OPTION, SHALL ASSIST THE CONTRACTOR TO COVER UP ENERGIZED CONDUCTORS AT INSTALLATION SITE OR TAKE OTHER ACTION AT ALL TIMES IN PERFORMANCE OF WORK AROUND ANY PRIMARY, HIGH VOLTAGE COMPONENTS.
11. PULLING INSTRUCTIONS: CONNECT PULLING DEVICES TO COPPER WIRE AND NOT TO JACKET AND MEET MANUFACTURER'S REQUIREMENTS. ALL BENDS SHALL BE NOT LESS THAN RECOMMENDED BY N.E.C. OR N.E.S.C. FOR CABLES USED.
12. STAKE ALL POLE LOCATIONS AND REQUEST UTILITY COMPANIES TO LOCATE AND STAKE UNDERGROUND UTILITIES PRIOR TO DRILLING.
13. MINIMUM DEPTH OF COVER FOR LIGHTING CONDUIT SHALL BE 36".
14. INSTALL SURGE PROTECTIVE DEVICES, PROPERLY GROUNDED IN POWER (SECONDARY) ENTRANCES.
15. WHENEVER POSSIBLE ALL CONDUITS UNDER ROADWAY AND SIDEWALK SHALL BE INSTALLED PRIOR TO INSTALLATION OF THE ROADWAY BASE AND SURFACE. NO OPEN CUT OF FINAL PAVEMENT SURFACES SHALL BE ALLOWED.
16. CONSTRUCT DIRECTIONAL BORE CONDUIT AND TERMINATE INTO SEPARATE PULL BOXES.
17. AT LOCATIONS WHERE UNDERGROUND UTILITIES ARE WITHIN 4 FEET OF THE LIGHT POLE FOUNDATIONS OR CONDUIT RUN, AS DETERMINED BY THE ENGINEER, INVESTIGATE FOUNDATION OR CONDUIT RUN BY HAND DIGGING.
18. ALL CONDUIT TRENCHES SHALL BE BACKFILLED COMPLETELY TO PROVIDE SAFE CROSSING BY THE END OF EACH WORKING DAY OR WHENEVER THE WORK ZONE BECOMES INACTIVE. DO NOT OPEN ANY AREA THAT CANNOT BE BACKFILLED IN THE SAME DAY/NIGHT OPERATION.
19. ANY EXCESS DIRT AND DEBRIS RESULTING FROM INSTALLATION OF POLE FOUNDATION, TRENCHING OR DIRECTIONAL DRILLING SHALL BE REMOVED DAILY TO AREAS APPROVED BY THE ENGINEER.
20. THERE SHALL BE NO SPLICES MADE IN PULL BOXES UNLESS AUTHORIZED BY CHARLOTTE COUNTY LIGHTING DISTRICT.
21. PULL BOX SPLICING MUST BE APPROVED BY THE CHARLOTTE COUNTY LIGHTING DISTRICT. CONTACT JODY MANSELL AT 941-575-3648 OR JODY.MANSELL@CHARLOTTECOUNTYFL.GOV FOR AUTHORIZATION.

22. ALL CURRENT CARRYING CONDUCTORS SHALL HAVE BLACK AND WHITE THHN/THWN INSULATION RATED AT 600 VOLTS. ALL GROUNDED CONDUCTORS SHALL HAVE WHITE CONTINUOUS THHN/THWN INSULATION RATED AT 600 VOLTS. ALL GROUNDING CONDUCTORS SHALL HAVE CONTINUOUS GREEN THHN/THWN INSULATION RATED AT 600 VOLTS.
23. CONDUCTORS SHALL BE INSTALLED WITH SUFFICIENT SLACK AT THE BASE OF THE POLE TO ALLOW WIRES AND CONNECTIONS TO BE PULLED OUTSIDE THE TRANSFORMER BASE HOUSING.
24. CONNECT PULL BOX TO LIGHT POLE FOUNDATION BY MEANS OF TWO 2" CONDUITS.
25. AT EACH LIGHT POLE CONNECT PULL BOX TO LIGHT POLE FOUNDATION BY MEANS OF TWO 2" PVC CONDUITS
26. ALL NON-ELECTRICAL THREADED HARDWARE, ALL MECHANICAL ELECTRICAL CONNECTIONS AND ANY THREADED COMPONENT REQUIRING ASSEMBLY SHALL BE COATED WITH IDEAL NOALOX ANTI-OXIDANT COMPOUND.

LIGHTING PAY ITEM NOTES:

630-2-11:
INCLUDE CONDUIT, ELBOWS, SWEEPS, CONNECTING HARDWARE, TRENCHING AND BACKFILL AS INDICATED IN THE PLANS AND THE ROADWAY AND TRAFFIC DESIGN STANDARDS. THE LINEAR FDOT PRICE FOR CONDUIT SHALL ALSO INCLUDE THE COST OF RESTORING CUT PAVEMENT, SIDEWALKS, SOD AND ETC., TO ITS ORIGINAL CONDITION.

635-2-11
INCLUDES THE PULL BOX AND COVER AS PER THE PLANS AND STANDARD INDEXES. LABEL "STREET LIGHTING" FOR POWER- CONVENTIONAL POLE CABLE DISTRIBUTION SYSTEM AT EACH POLE WILL NOT BE USED ON THIS PROJECT. PROVIDE CONCRETE BASE AROUND ALL PULL BOXES PER FDOT INDEX 715-001 SHEET 2 OF 3. PULL BOXES SHALL BE QUAZITE BRAND. STREET LIGHT PULL BOXES SHOULD BE NOMINAL 24" LONG BY 13" WIDE.

715-1-12:
INCLUDES CONDUCTORS AS INDICATED IN THE PLANS AND THE ROADWAY AND TRAFFIC DESIGN STANDARDS. PAYMENT SHALL BE MADE BASED ON LINEAR FEET OF SINGLE CONDUCTOR.

715-61-300:
INCLUDE THE POLE, LUMINAIRE WITH LED BOARDS, ANCHOR BOLTS WITH LOCK NUTS AND WASHERS, FRANGIBLE T-BASE, CONCRETE FOUNDATION, SURGE PROTECTOR (DITEK DL480), FUSE HOLDERS, AND #10 STRANDED COPPER RISERS AS INDICATED IN THE FDOT STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION AND CHARLOTTE COUNTY SPECIFICATIONS - CURRENT EDITION.

ITS NOTES

1. OBTAIN PRIOR AUTHORIZATION FOR MODIFICATION TO CHARLOTTE COUNTY IT FIBER. ALL FIBER IS TO BE COMPLETED AFTER NORMAL WORKING HOURS.




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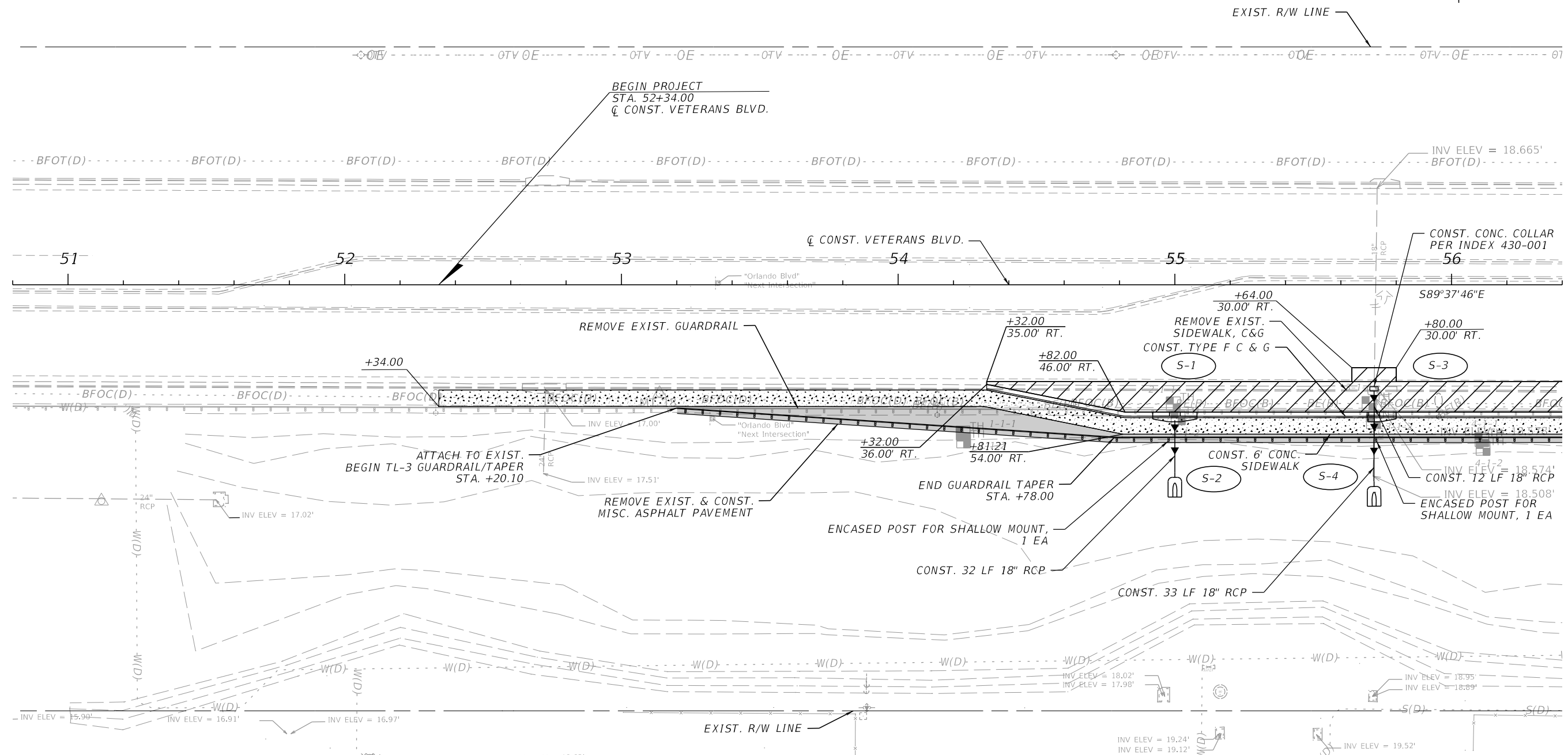
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DATE	DESCRIPTION	DATE	DESCRIPTION	
			OLIVER REMY RODRIGUES, P.E., P.T.O.E. LICENSE NUMBER 50646 FLORIDA TRANSPORTATION ENGINEERING, INC. 12550 TELECOM DRIVE TEMPLE TERRACE, FLORIDA 33637	6
CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT				GENERAL NOTES (2)

VETERANS BLVD.

LEGEND

-  WIDENING
-  4" THICK CONCRETE SIDEWALK
-  2" MISCELLANEOUS ASPHALT PAVEMENT

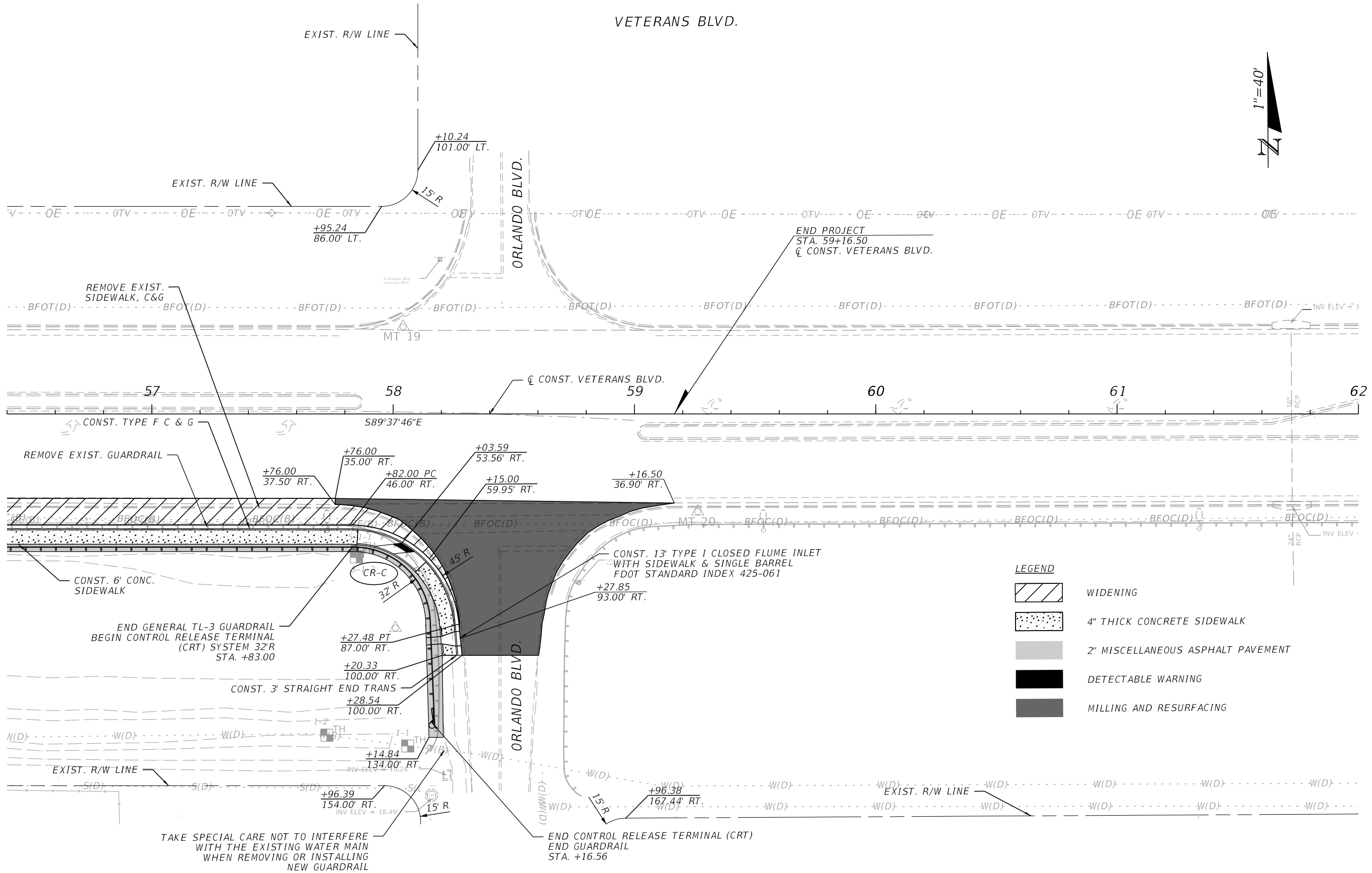


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DATE	DESCRIPTION	DATE	DESCRIPTION			
				KRIS KARANXHA, P.E. LICENSE NUMBER 92368 FLORIDA TRANSPORTATION ENGINEERING, INC. 12550 TELECOM DRIVE TEMPLE TERRACE, FLORIDA 33637		

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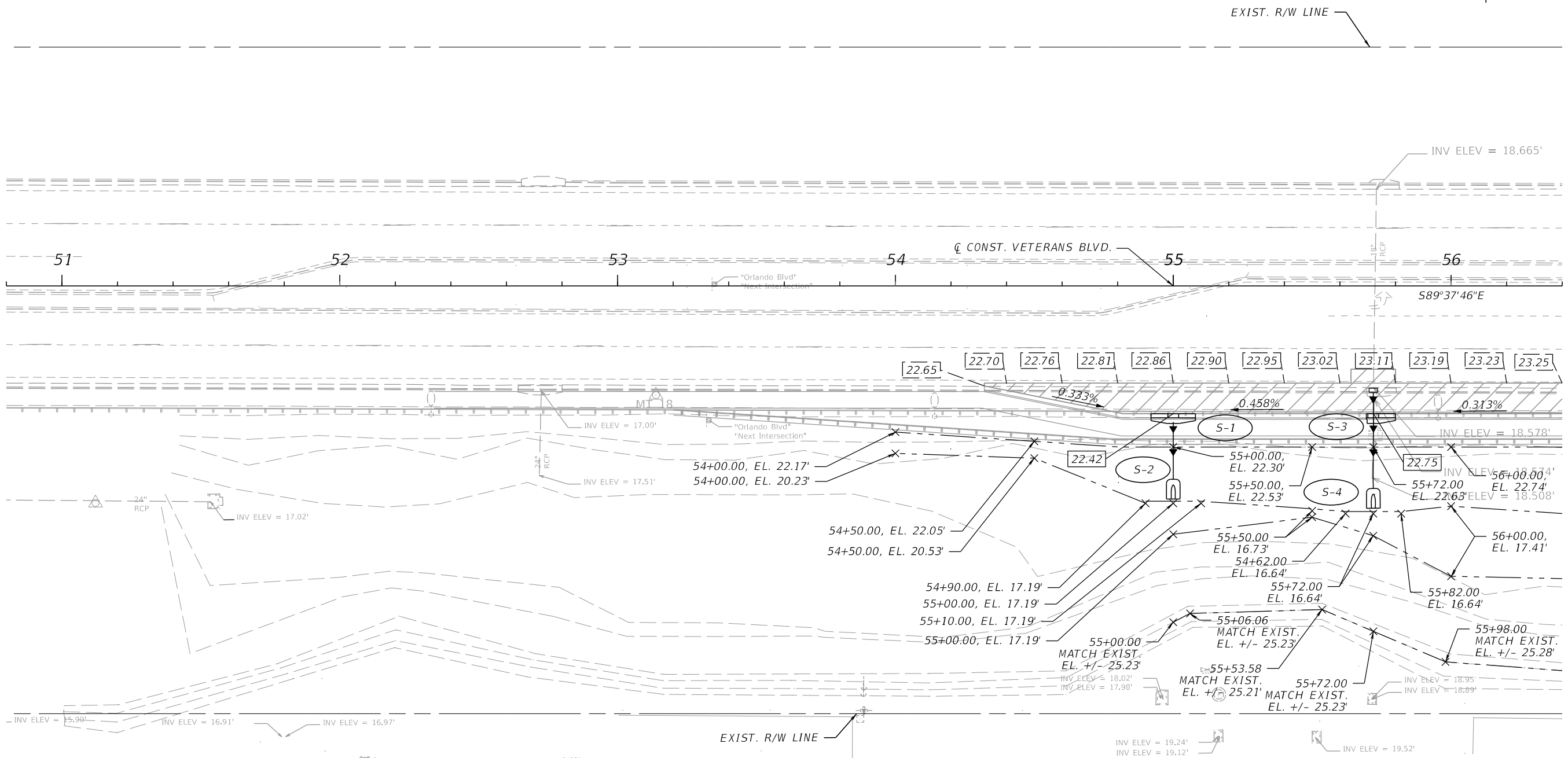
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DATE	DESCRIPTION	DATE	DESCRIPTION			

KRIS KARANXHA, P.E.
 LICENSE NUMBER 92368
 FLORIDA TRANSPORTATION ENGINEERING, INC.
 12550 TELECOM DRIVE
 TEMPLE TERRACE, FLORIDA 33637

VETERANS BLVD.

LEGEND

- XX.XX EXIST. ELEVATION
- XX.XX PROPOSED ELEVATION



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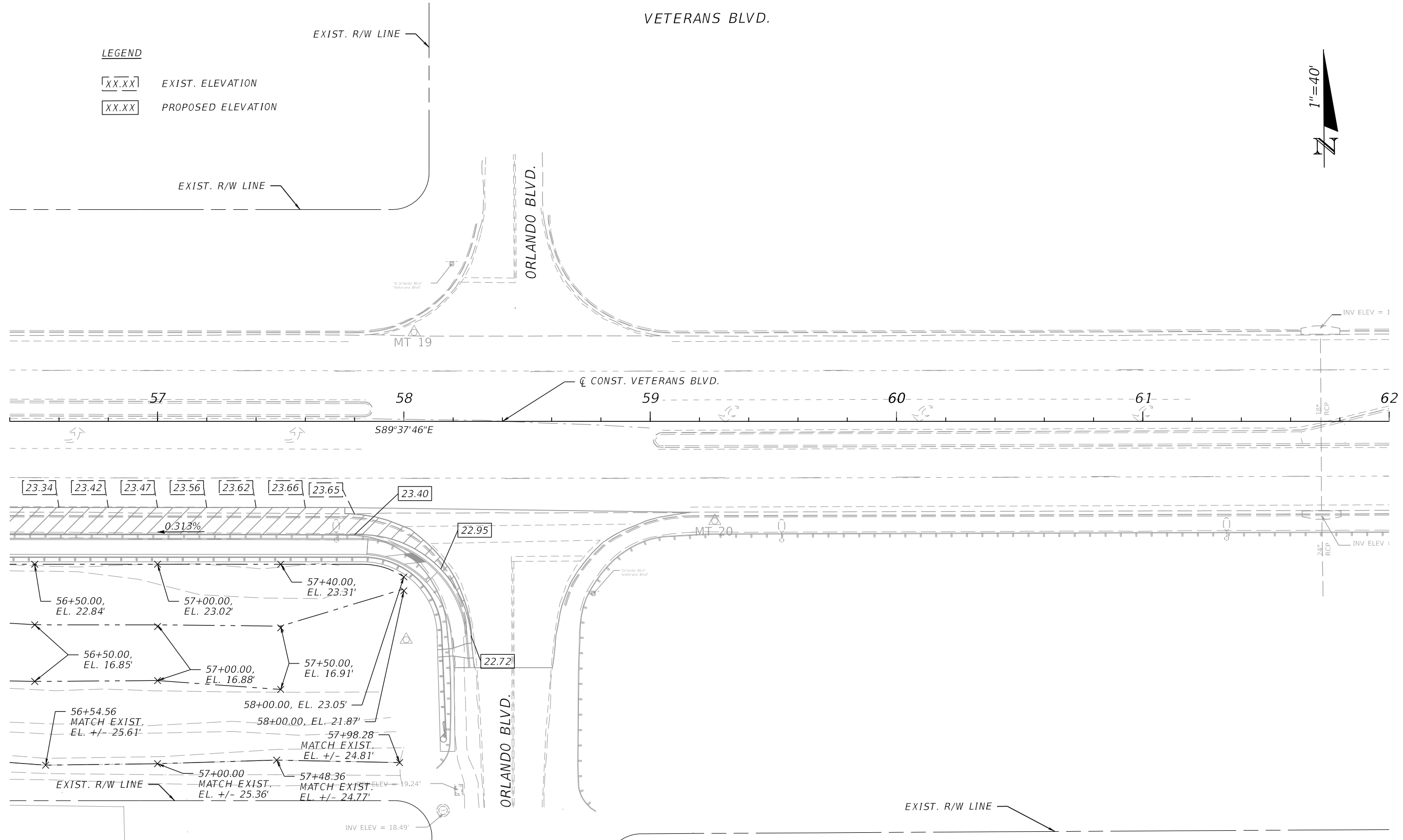
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DATE	DESCRIPTION	DATE	DESCRIPTION	KRIS KARANXHA, P.E. LICENSE NUMBER 92368 FLORIDA TRANSPORTATION ENGINEERING, INC. 12550 TELECOM DRIVE TEMPLE TERRACE, FLORIDA 33637					9

VETERANS BLVD.

LEGEND

- [XX.XX] EXIST. ELEVATION
- [XX.XX] PROPOSED ELEVATION

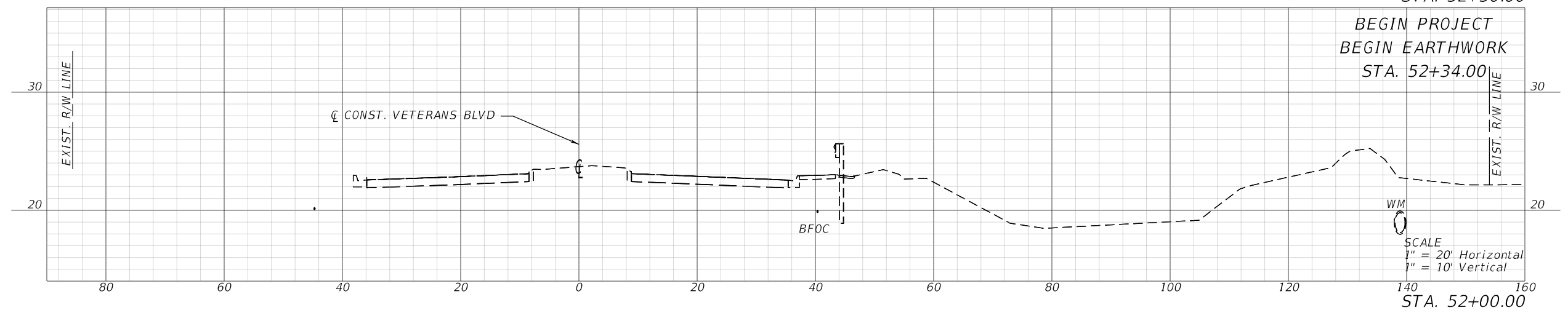
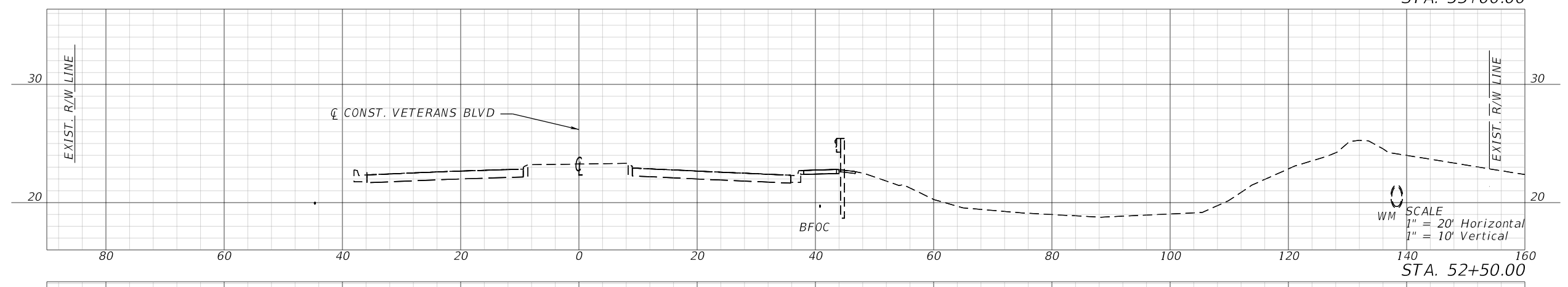
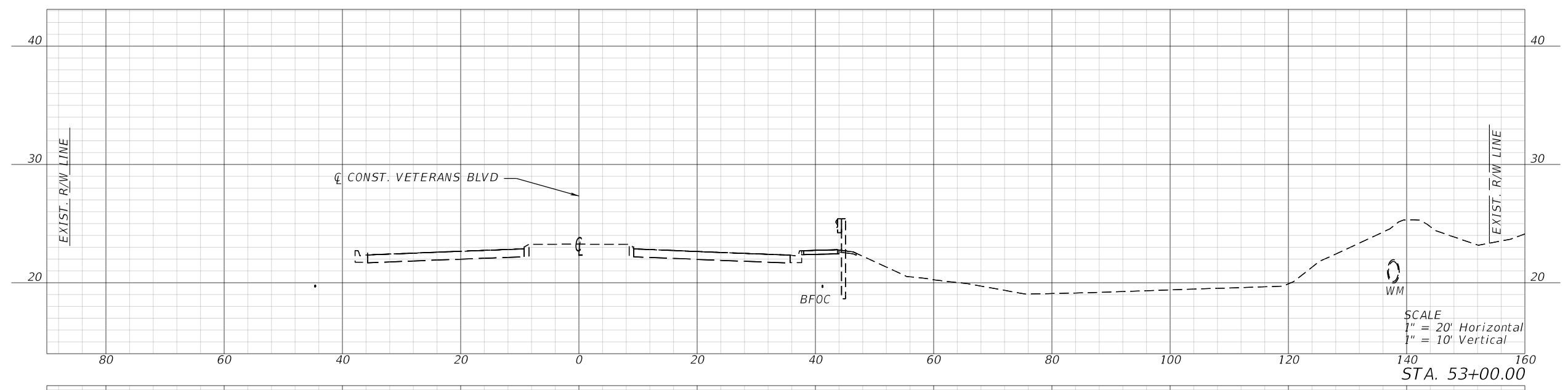


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CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT				GRADING PLAN (2)

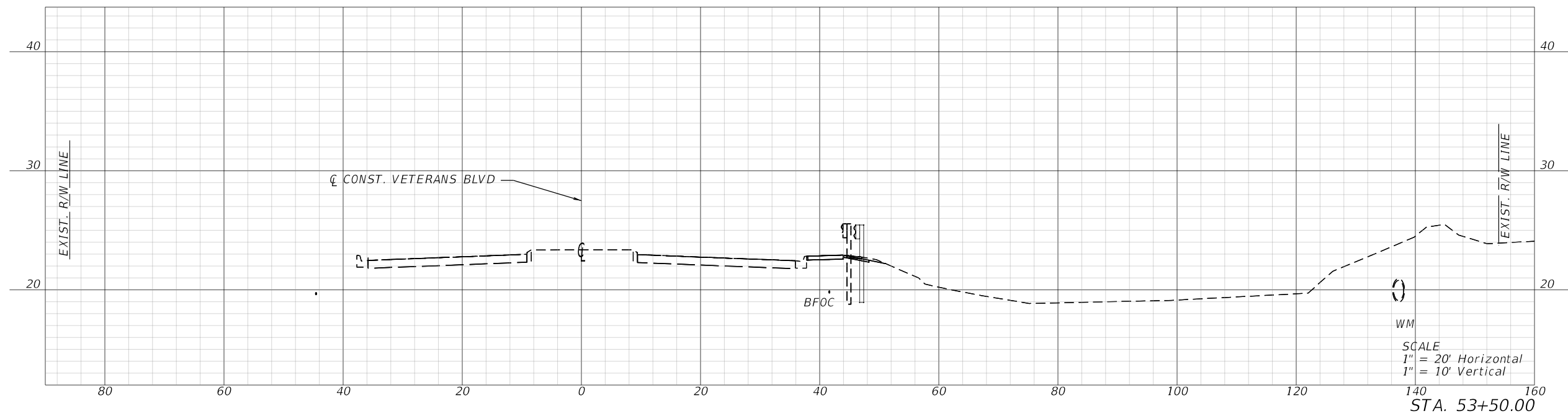
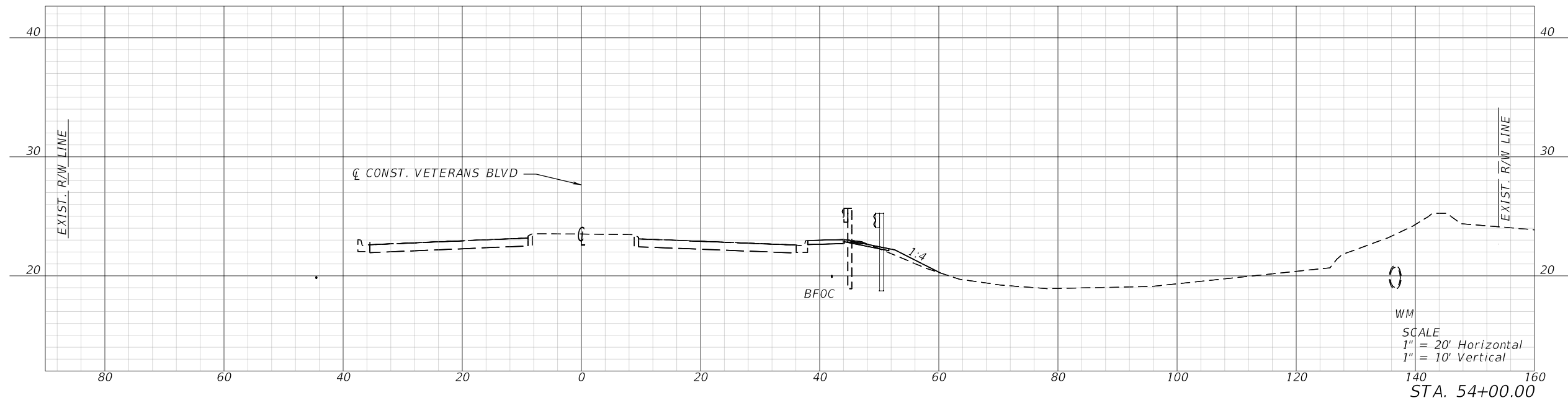
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DATE	DESCRIPTION	DATE	DESCRIPTION			12
				KRIS KARANXHA, P.E. LICENSE NUMBER 92368 FLORIDA TRANSPORTATION ENGINEERING, INC. 12550 TELECOM DRIVE TEMPLE TERRACE, FLORIDA 33637		

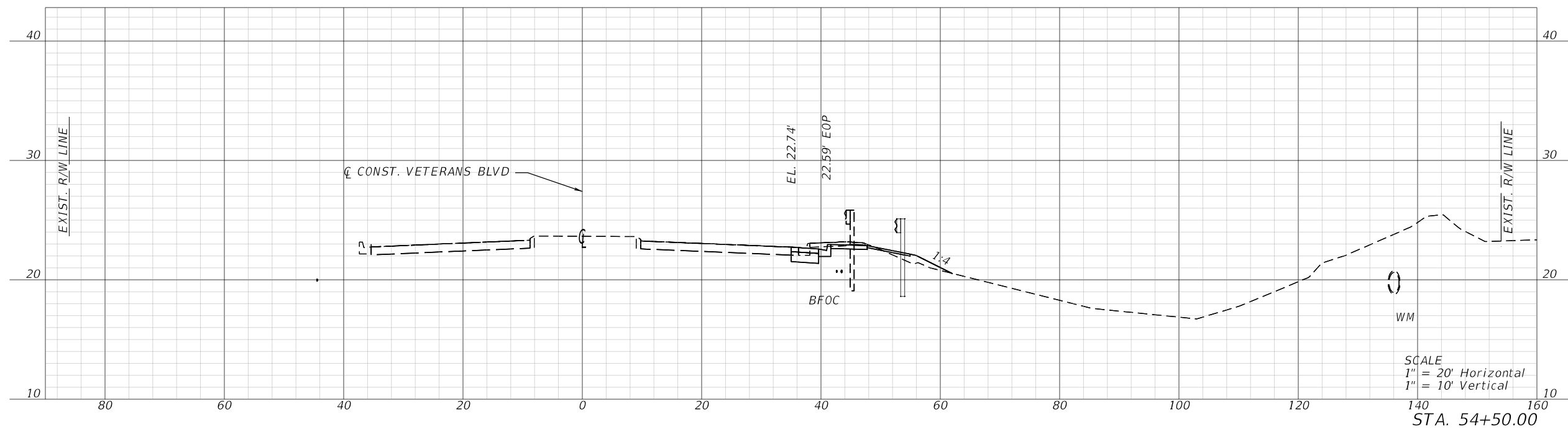
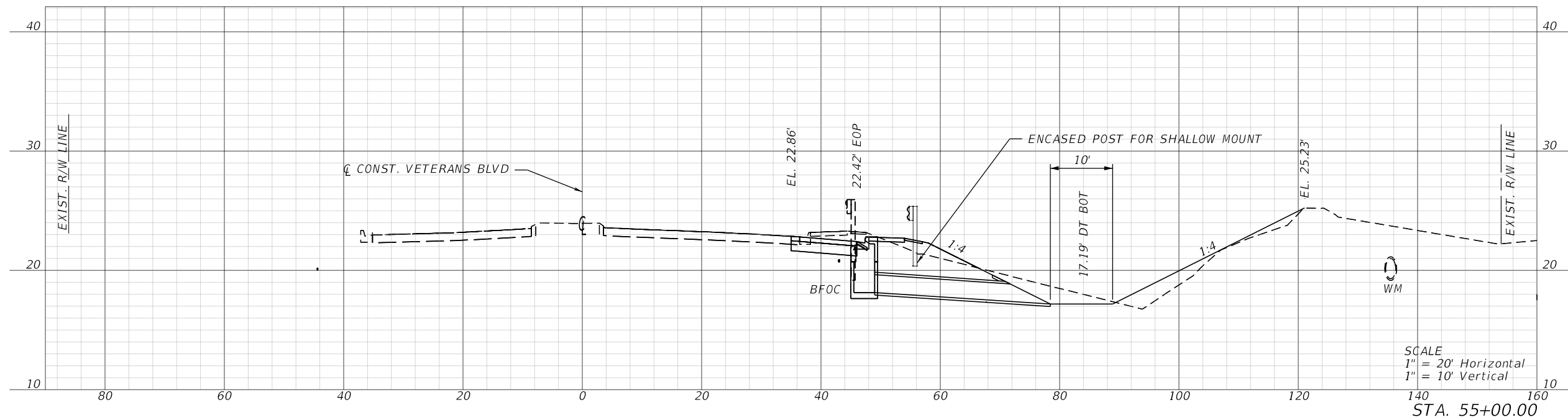
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DATE	DESCRIPTION	DATE	DESCRIPTION	KRIS KARANXHA, P.E. LICENSE NUMBER 92368 FLORIDA TRANSPORTATION ENGINEERING, INC. 12550 TELECOM DRIVE TEMPLE TERRACE, FLORIDA 33637					13

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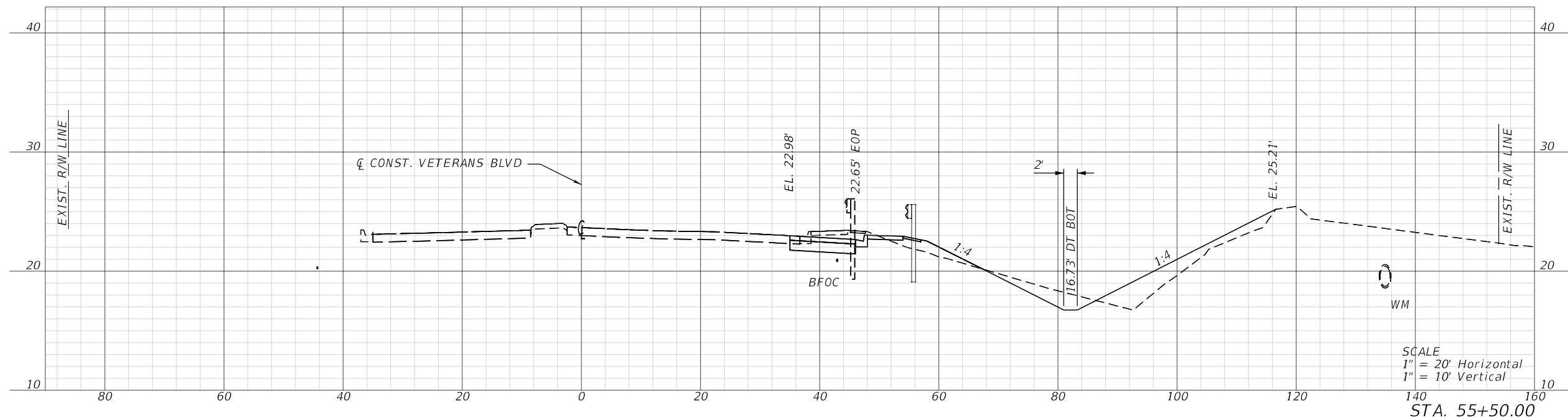
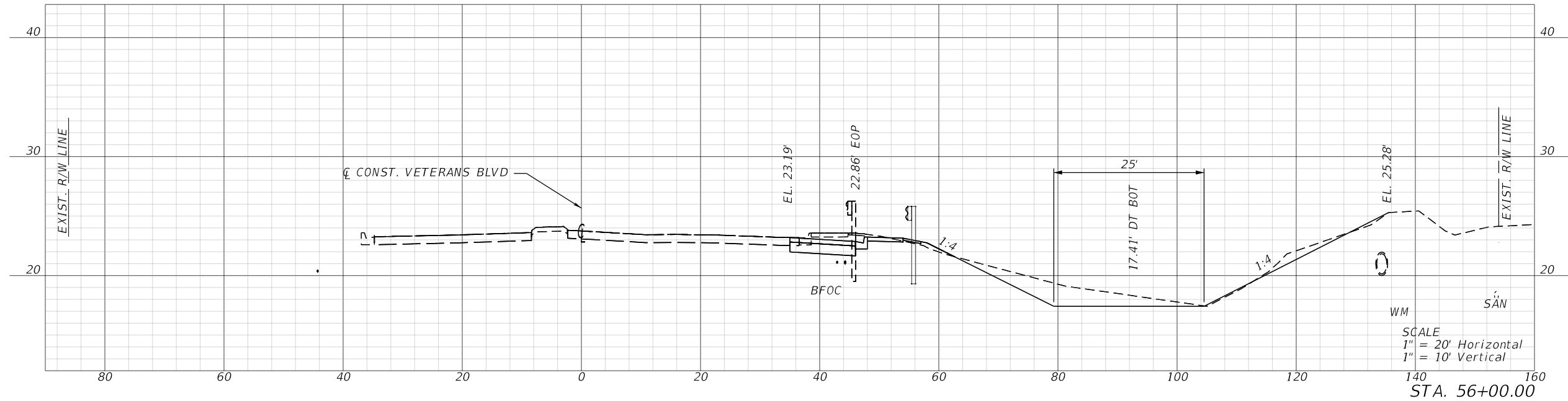
9/9/2025 10:56:32 AM KaiwenChen
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REVISIONS		ENGINEER OF RECORD		CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT	CROSS SECTION (3)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			14
				KRIS KARANXHA, P.E. LICENSE NUMBER 92368 FLORIDA TRANSPORTATION ENGINEERING, INC. 12550 TELECOM DRIVE TEMPLE TERRACE, FLORIDA 33637		

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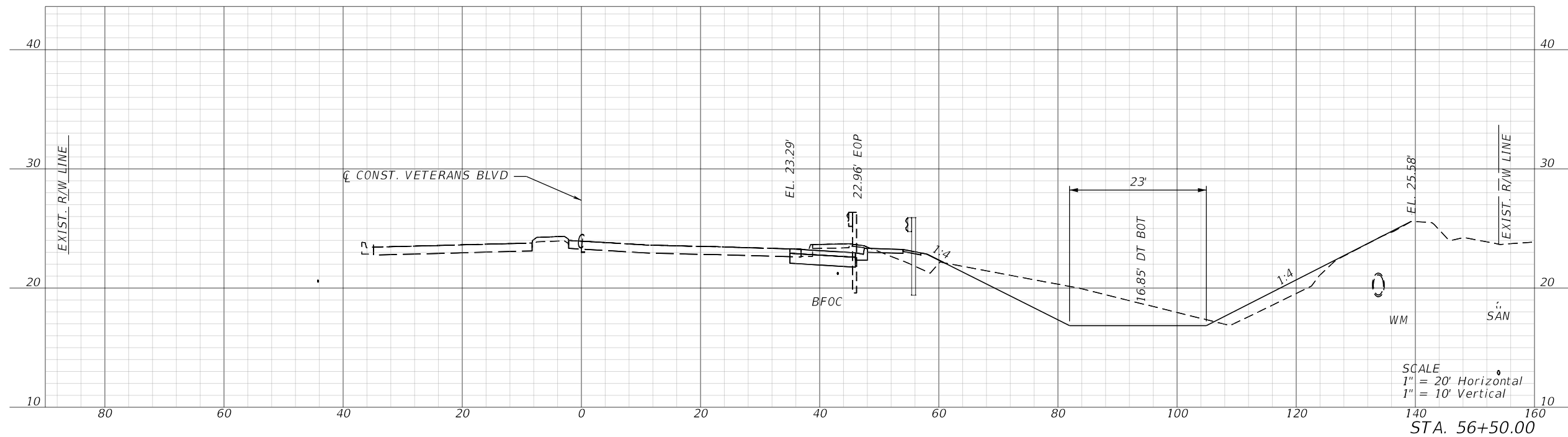
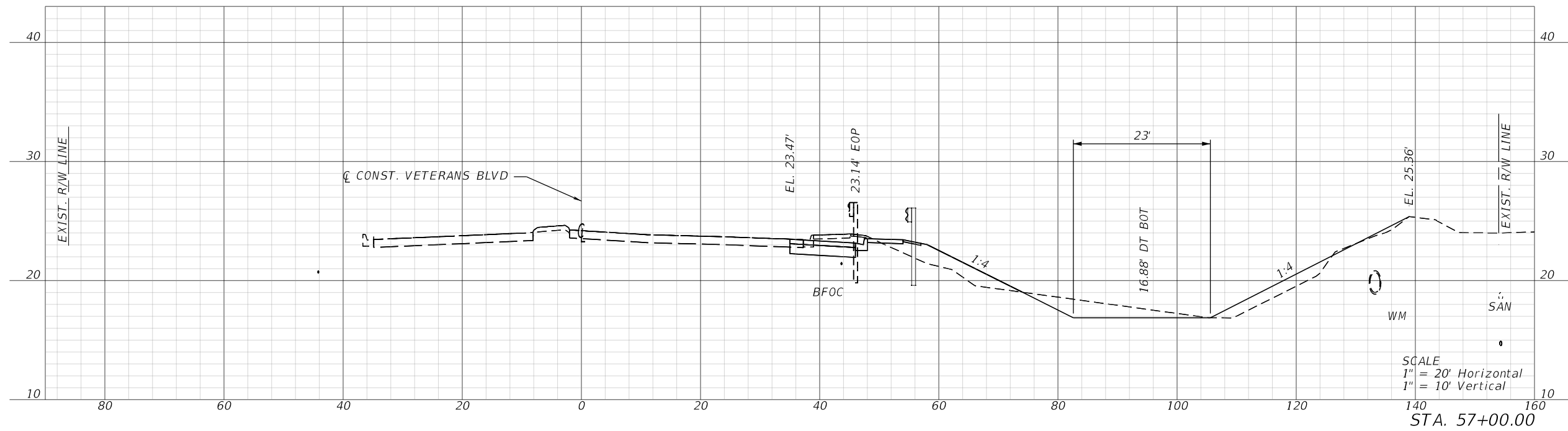
9/9/2025 10:56:33 AM KaiwenChen
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REVISIONS		ENGINEER OF RECORD		CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT	CROSS SECTION (4)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			15
KRIS KARANXHA, P.E. LICENSE NUMBER 92368 FLORIDA TRANSPORTATION ENGINEERING, INC. 12550 TELECOM DRIVE TEMPLE TERRACE, FLORIDA 33637						

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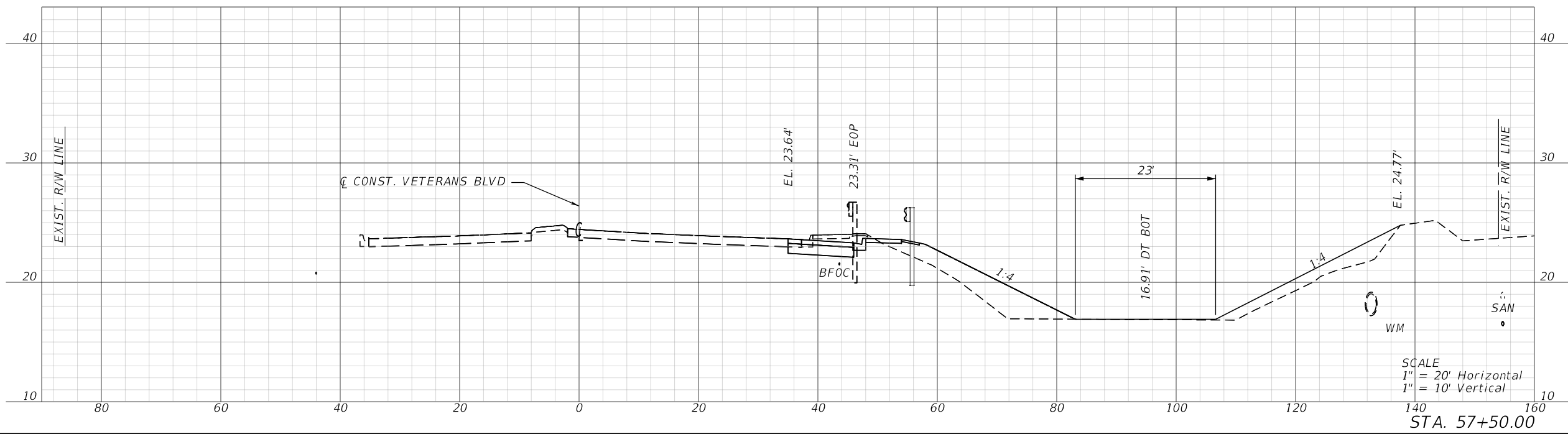
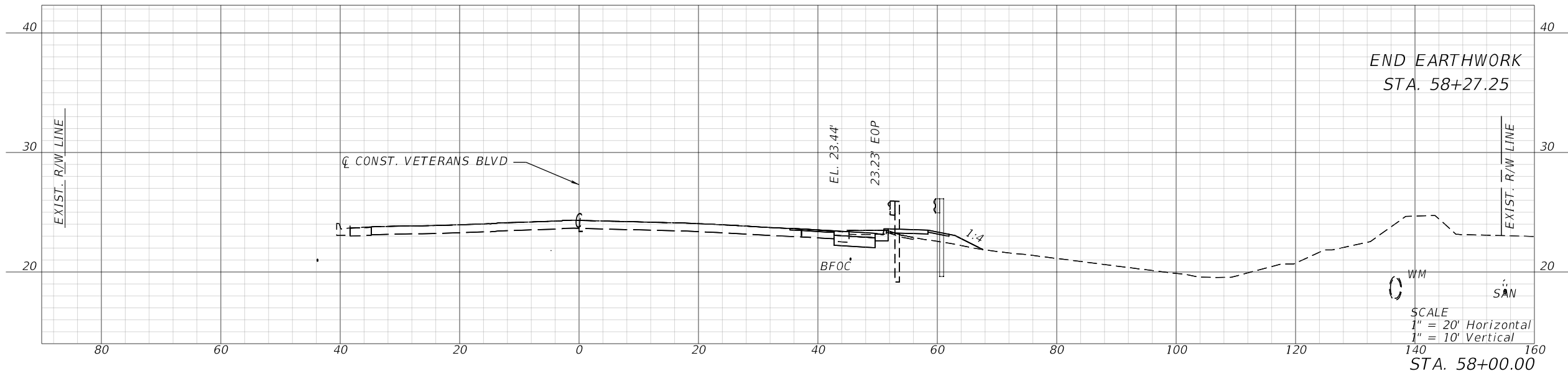
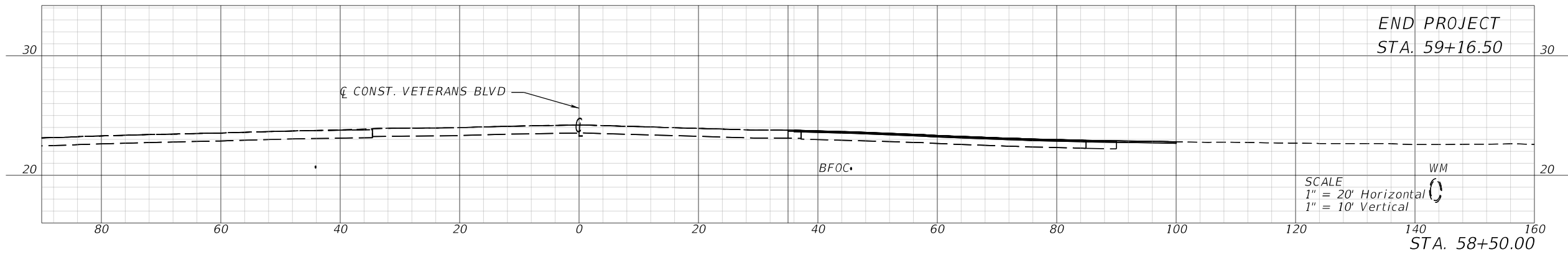
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REVISIONS				ENGINEER OF RECORD		CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT	CROSS SECTION (5)		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	KRIS KARANXHA, P.E. LICENSE NUMBER 92368 FLORIDA TRANSPORTATION ENGINEERING, INC. 12550 TELECOM DRIVE TEMPLE TERRACE, FLORIDA 33637					16

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REVISIONS		ENGINEER OF RECORD		CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT	CROSS SECTION (6)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			17
				KRIS KARANXHA, P.E. LICENSE NUMBER 92368 FLORIDA TRANSPORTATION ENGINEERING, INC. 12550 TELECOM DRIVE TEMPLE TERRACE, FLORIDA 33637		

PHASING NOTES

PHASE I

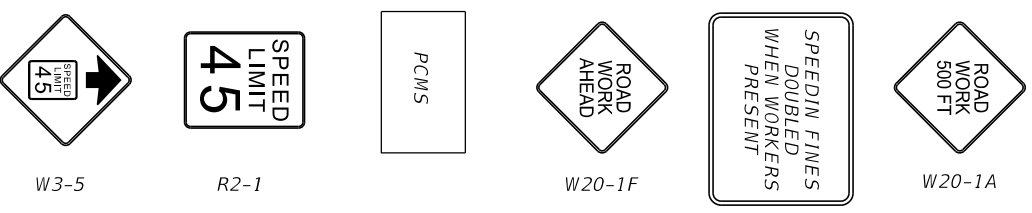
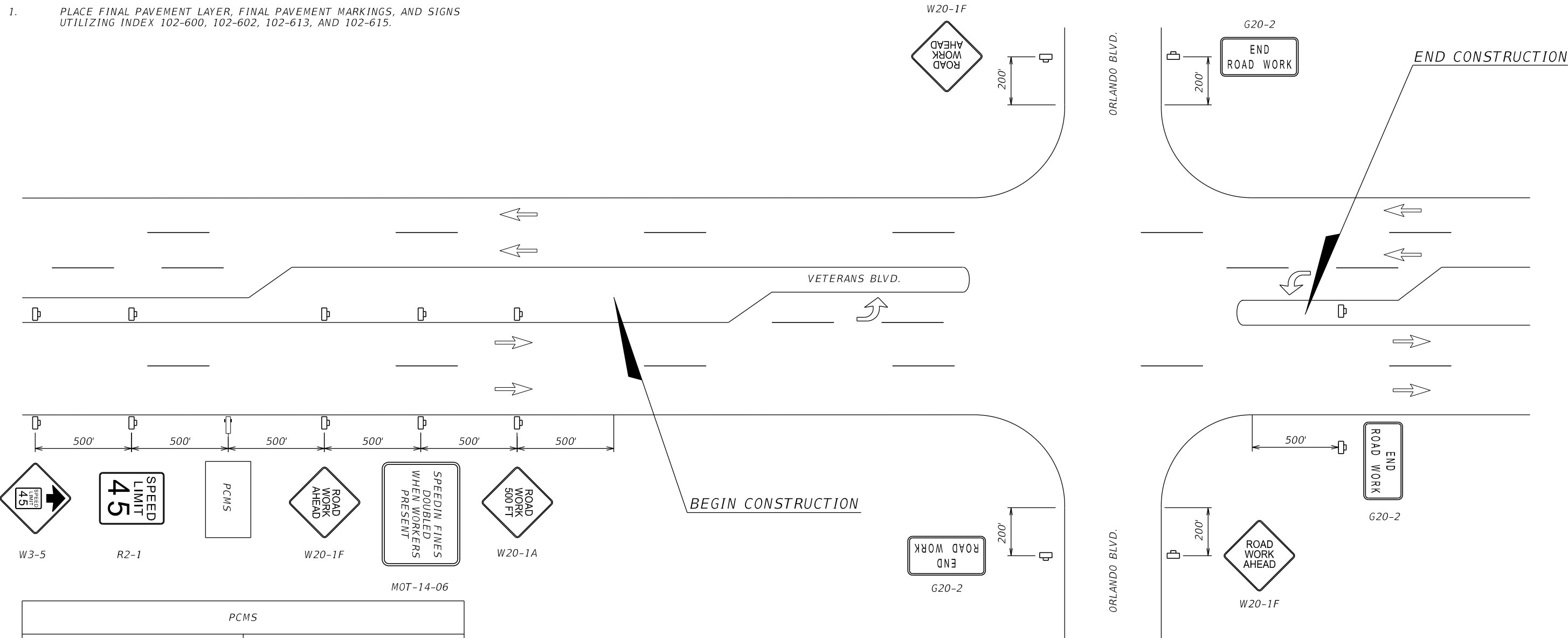
1. INSTALL ADVANCE WARNING SIGNS AND WARNING DEVICES UTILIZING TRAFFIC CONTROL PLAN AND STANDARD PLAN INDEX 102 SERIES.
2. INSTALL TEMPORARY EROSION CONTROL DEVICES.
3. CONSTRUCT DRAINAGE, ROADWAY WIDENING (EXCLUDING FINAL PAVEMENT LAYER) AND PEDESTRIAN IMPROVEMENTS UTILIZING INDEX 102-600, 102-602, 102-613, AND 102-615.

PHASE II

1. PLACE FINAL PAVEMENT LAYER, FINAL PAVEMENT MARKINGS, AND SIGNS UTILIZING INDEX 102-600, 102-602, 102-613, AND 102-615.

TRAFFIC CONTROL NOTES

1. REDUCE THE EXISTING POSTED SPEED FROM 55 MPH TO 45 MPH IN ADVANCE OF THE CONSTRUCTION LIMITS UTILIZING INDEX 102-613.
2. MAINTAIN PEDESTRIAN ACCESS UTILIZING INDEX 102-660.



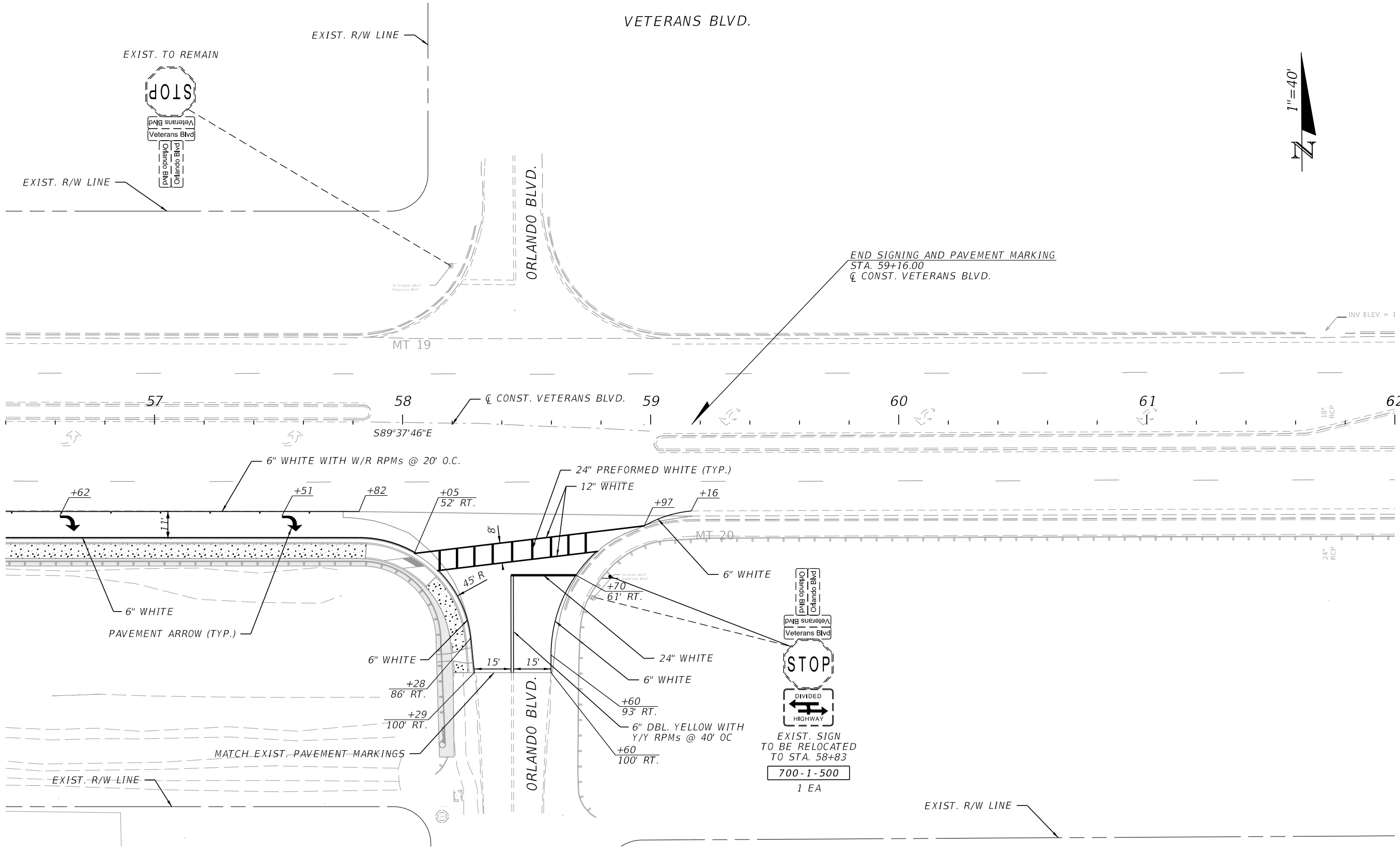
PCMS			
MESSAGES 14 DAYS PRIOR TO CONSTRUCTION		MESSAGES DURING CONSTRUCTION	
ROAD WORK	XX/XX TO XX/XX	RIGHT LANE CLOSED	MERGE LEFT

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REVISIONS		ENGINEER OF RECORD		CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT	TEMPORARY TRAFFIC CONTROL PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			20
				KRIS KARANXHA, P.E. LICENSE NUMBER 92368 FLORIDA TRANSPORTATION ENGINEERING, INC. 12550 TELECOM DRIVE TEMPLE TERRACE, FLORIDA 33637		

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10/10/2025 12:06:37 PM CarryCorrales Z:\Projects\DOT\Veterans at Orlando\SigningAndMarking\PLAN\SP01.dgn

REVISIONS		ENGINEER OF RECORD		CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT	SIGNING AND PAVEMENT MARKING PLAN (2)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			26
			OLIVER REMY RODRIGUES, P.E., P.T.O.E. LICENSE NUMBER 50646 FLORIDA TRANSPORTATION ENGINEERING, INC. 12550 TELECOM DRIVE TEMPLE TERRACE, FLORIDA 33637			

POLE DATA

POLE NO.	CIRCUIT	STATION	DIST. OR ARM	LUMINAIRE WATTAGE	MOUNTING HEIGHT	POLE SETBACK	PAY ITEM
1	SL#51	54+23.00	0'	240W	40'	55.00' RT.	715-61-300
2	SL#51	56+10.00	0'	240W	40'	58.00' RT.	715-61-300
3	SL#51	57+84.00	0'	240W	40'	58.00' RT.	715-61-300

CORRIDOR ARTERIAL LIGHTING
RETROFIT DESIGN CRITERIA (FDOT)

AVERAGE INITIAL INTENSITY (H.F.C) 1.0 - 1.5 (H.F.C)
 UNIFORMITY RATIO- AVG./MIN. 4:1 OR LESS
 MAX./MIN. 10:1 OR LESS
 WIND LOAD 160 MPH

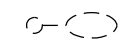
LEGEND

SYMBOLS

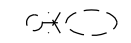
DESCRIPTION



PROPOSED LIGHT POLE WITH 240W LED LUMINAIRE, 480V OPERATION, 40' MOUNTING HEIGHT, 0' ARM, AND TYPE IV DISTRIBUTION. ANALYZED USING HOLOPHANE MONGOOSE MEDIUM MGLEDM_P7_30K_XXXXX_WR. IES.



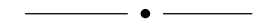
EXISTING LIGHT POLE AND LUMINAIRE TO REMAIN. LUMINAIRE RETROFIT UNDER CHARLOTTE COUNTY PUBLIC WORKS PO NO. 2021000867



EXISTING LIGHT POLE AND LUMINAIRE TO BE REMOVED.



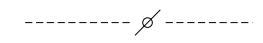
PROPOSED LIGHTING PULL BOX



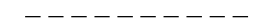
PROPOSED 2" OPEN TRENCH LIGHTING CONDUIT WITH 2#6, 1#6 GRD CONDUCTORS.



PROPOSED 2" DIRECTIONAL BORE LIGHTING CONDUIT WITH 2#6 AWG, 1#6 GRD CONDUCTORS



EXISTING 2" CONDUIT AND CONDUCTORS



EXISTING CONDUIT AND CONDUCTORS TO BE REMOVED

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REVISIONS				ENGINEER OF RECORD		CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT	POLE DATA & LEGEND	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	OLIVER REMY RODRIGUES, P.E., P.T.O.E. LICENSE NUMBER 50646 FLORIDA TRANSPORTATION ENGINEERING, INC. 12550 TELECOM DRIVE TEMPLE TERRACE, FLORIDA 33637				29

VETERANS BLVD.

EXIST. R/W LINE



REMOVE EXIST. LIGHTING
CONDUIT AND CONDUCTORS
FROM STA. 54+06.53 TO STA. 60+87.06

721 LF 715-1-60

PROPOSED PULL BOX
1 EA 635-2-14

BEGIN LIGHTING
STA. 52+32.90
Q CONST. VETERANS BLVD.

PROPOSED PULL BOX
1 EA 635-2-14

EXIST. LIGHT POLE
TO BE REMOVED
1 EA 715-69-000

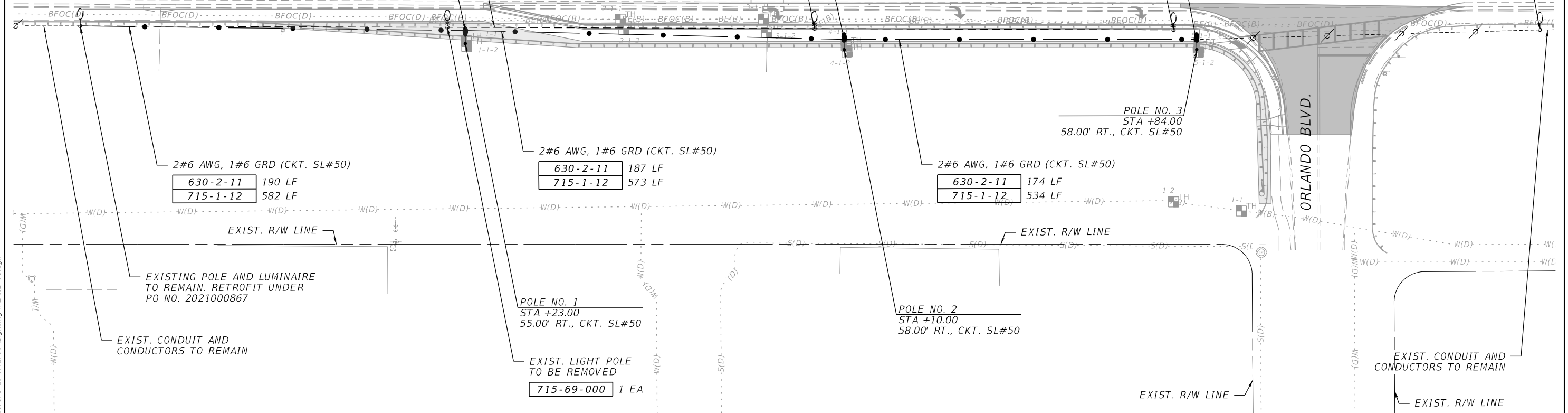
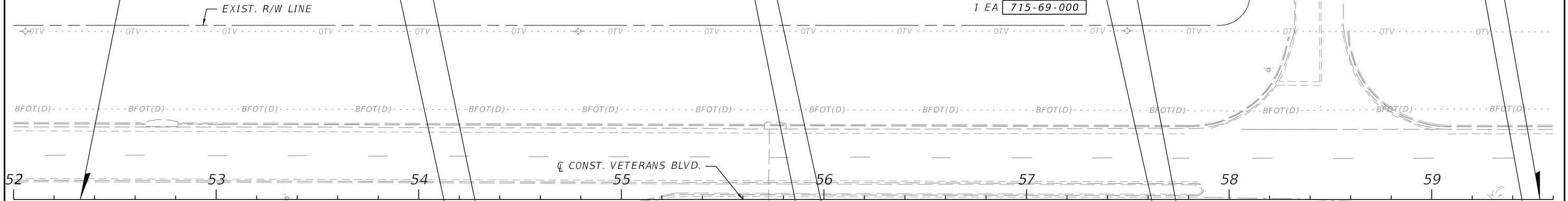
PROPOSED PULL BOX
1 EA 635-2-14

INTERCEPT EXIST.
LIGHTING CONDUIT FROM
THE EAST AND ROUTE TO
PROPOSED PULL BOX

10 LF 630-2-100

EXIST. LIGHT POLE
TO BE REMOVED
1 EA 715-69-000

END LIGHTING
STA. 59+53.40
Q CONST. VETERANS BLVD.
EXISTING POLE AND LUMINAIRE
TO REMAIN. RETROFIT UNDER
PO NO. 2021000867

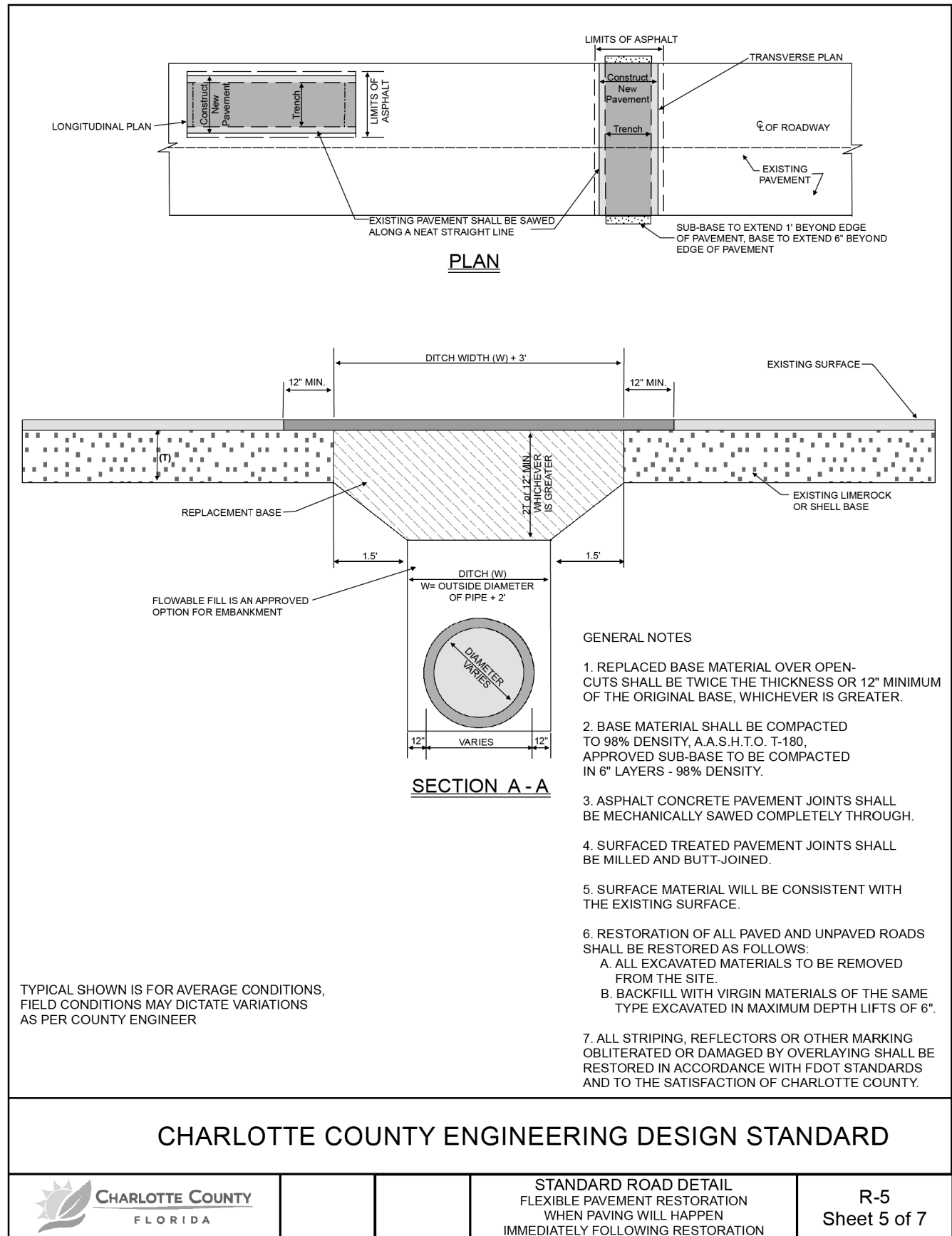


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REVISIONS		ENGINEER OF RECORD		CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT	LIGHTING PLAN	SHEET NO. 30
DATE	DESCRIPTION	DATE	DESCRIPTION			
				OLIVER REMY RODRIGUES, P.E., P.T.O.E. LICENSE NUMBER 50646 FLORIDA TRANSPORTATION ENGINEERING, INC. 12550 TELECOM DRIVE TEMPLE TERRACE, FLORIDA 33637		

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- GENERAL NOTES**
1. REPLACED BASE MATERIAL OVER OPEN-CUTS SHALL BE TWICE THE THICKNESS OR 12" MINIMUM OF THE ORIGINAL BASE, WHICHEVER IS GREATER.
 2. BASE MATERIAL SHALL BE COMPACTED TO 98% DENSITY, A.A.S.H.T.O. T-180, APPROVED SUB-BASE TO BE COMPACTED IN 6" LAYERS - 98% DENSITY.
 3. ASPHALT CONCRETE PAVEMENT JOINTS SHALL BE MECHANICALLY SAWED COMPLETELY THROUGH.
 4. SURFACED TREATED PAVEMENT JOINTS SHALL BE MILLED AND BUTT-JOINED.
 5. SURFACE MATERIAL WILL BE CONSISTENT WITH THE EXISTING SURFACE.
 6. RESTORATION OF ALL PAVED AND UNPAVED ROADS SHALL BE RESTORED AS FOLLOWS:
 - A. ALL EXCAVATED MATERIALS TO BE REMOVED FROM THE SITE.
 - B. BACKFILL WITH VIRGIN MATERIALS OF THE SAME TYPE EXCAVATED IN MAXIMUM DEPTH LIFTS OF 6".
 7. ALL STRIPING, REFLECTORS OR OTHER MARKING OBLITERATED OR DAMAGED BY OVERLAYING SHALL BE RESTORED IN ACCORDANCE WITH FDOT STANDARDS AND TO THE SATISFACTION OF CHARLOTTE COUNTY.

TYPICAL SHOWN IS FOR AVERAGE CONDITIONS, FIELD CONDITIONS MAY DICTATE VARIATIONS AS PER COUNTY ENGINEER

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

FOR INFORMATIONAL PURPOSES ONLY.

CHARLOTTE COUNTY
PUBLIC WORKS DEPARTMENT

CHARLOTTE COUNTY
OPEN TRENCH DETAIL

SHEET NO.
31