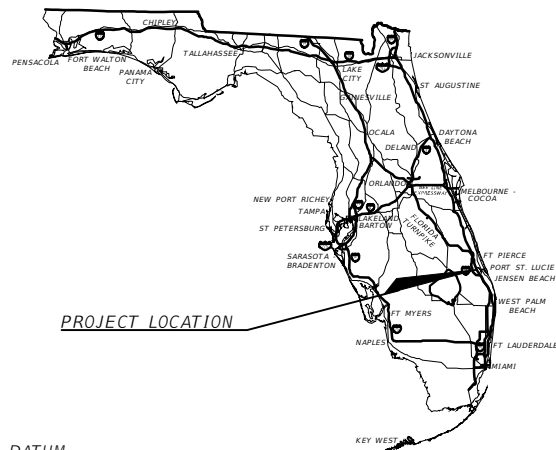


SHEET INDEX

- 1 KEY SHEET
- 2 SUMMARY OF PAY ITEMS
- 3 GENERAL NOTES
- 4 - 5 EROSION AND SEDIMENT CONTROL
- 6 PROJECT LAYOUT
- 7 TYPICAL SECTION
- 8 - 9 DRAINAGE MAP
- 10 - 18 PLAN SHEETS
- 19 - 23 PROFILE SHEETS
- 24 - 39 CROSS SECTIONS
- 40 SECTIONS VOLUMES
- 41 DETAILS
- 42 - 43 PAVEMENT MARKING AND SIGNAGE
- 44 - 52 UTILITY ADJUSTMENT
- 53 - 54 UTILITY DETAILS
- 55 PROJECT LAYOUT RANGE LINE RD.
- 56 ST. LUCIE CO. GENERAL NOTES
- 57 - 59 PLAN RANGE LINE
- 60 - 65 CROSS SECTIONS RANGE LINE RD.
- 66 SECTION VOLUMES RANGE LINE RD.
- 67 PAVEMENT MARKING RANGE LINE RD.
- 68 MOT RANGELINE ROAD

LOCATION MAP

NTS
PORT ST. LUCIE, FLORIDA



ELEVATION DATUM
THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

CONSTRUCTION PLANS AND DETAILS

CROSSTOWN PARKWAY EXTENSION

SEGMENT 2B WEST OF VILLAGE PARKWAY

PREPARED FOR
VERANO DEVELOPMENT, LLC

CONSULTANTS

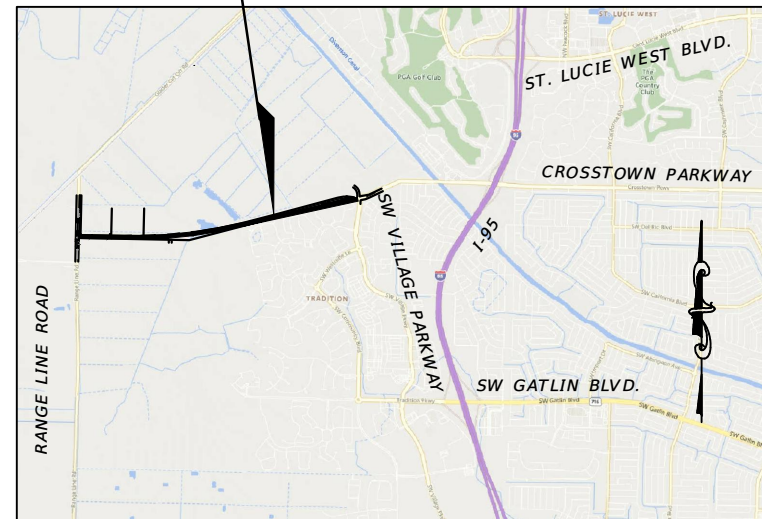
CIVIL ENGINEER

PLANS PREPARED BY:
MACKENZIE ENGINEERING & PLANNING, INC.
1172 SW 30TH STREET, SUITE 500,
PALM CITY, FL 34990
CERT OF AUTH: CA29013
SHAUN G. MACKENZIE, P.E.
PROFESSIONAL ENGINEER #61751
(772) 286-8030

SURVEYOR

GEOPOINT SURVEYING
4152 W BLUE HERON BLVD STE 105,
RIVIERA BEACH, FL 33404
GARY A. RAGER
(561) 444-2720

PROJECT LOCATION



VICINITY



SEGMENT 2B

BEGIN PROJECT
STA: 100+30.62

END PROJECT
STA: 145+91.03

THESE PLANS HAVE BEEN PREPARED IN GENERAL ACCORDANCE WITH AND GOVERNED BY STANDARDS AND SPECIFICATIONS OF THE CITY OF PORT ST. LUCIE PUBLIC WORKS DEPARTMENT.

GOVERNING SPECIFICATIONS:
CITY OF PORT ST. LUCIE PUBLIC WORKS DEPARTMENT ENGINEERING STANDARDS FOR LAND DEVELOPMENT (MOST CURRENT EDITION), AS AMENDED BY CONTRACT DOCUMENTS.

UTILITIES SHALL BE INSTALLED PER PORT ST. LUCIE UTILITY SYSTEMS DEPARTMENT 2019 STANDARDS MANUAL.

NOTES:
THE SCALE OF THESE PLANS MAY HAVE CHANGED DUE TO REPRODUCTION.

THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

- PLANS REFERENCE THE FOLLOWING:
- VERANO SOUTH POD E CONSTRUCTION PLANS PREPARED BY THOMAS ENGINEERING GROUP.
 - VERANO SOUTH POD G CONSTRUCTION PLANS PREPARED BY THOMAS ENGINEERING GROUP.
 - VERANO SOUTH MASTER DRAINAGE PLAN PREPARED BY THOMAS ENGINEERING GROUP.
 - CROSSTOWN PARKWAY ULTIMATE TYPICAL SECTIONS DEVELOPED BY MACKENZIE ENGINEERING & PLANNING, INC.

4-14-23

CITY OF PSL PROJECT NO. P22-169
PSLUSD PROJECT NO. 9-0915-G

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
8-29-22	REVISED PER CITY OF PSL		

MACKENZIE ENGINEERING & PLANNING, INC. 1172 SW 30TH STREET, SUITE 500, PALM CITY, FLORIDA, 34990 C.A. 29013 SHAUN G. MACKENZIE P.E. P.E. NO. 61751	CITY OF PORT ST. LUCIE 121 SW PORT ST. LUCIE BLVD PORT ST. LUCIE BLVD, FL 34984		SHEET NO. <h1>KEY SHEET</h1>
	COUNTY ST. LUCIE COUNTY	ROAD NO. CROSSTOWN PARKWAY SEGMENT 2B	

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

SUMMARY OF PAY ITEMS

Item	Description	Segment 2B Quantity	Rangeline Quantity	Quantity	Unit
101-1	MOBILIZATION			1	LS
102-1	MAINTENANCE OF TRAFFIC			1	LS
104	NPDES COMPLIANCE (EROSION CONTROL)			1	LS
104-12	STAKED SILT FENCE	9,250	3,500	12,750	LF
110-1-1	CLEARING & GRUBBING	15.8	1.0	17	AC
120-1	REGULAR EXCAVATION	1,203	46	1,249	CY
120-6	EMBANKMENT	21,695	1,976	23,671	CY
160-4	TYPE B STABILIZATION	25,283	4,028	29,311	SY
285-709	OPTIONAL BASE, BASE GROUP 09	24,136	3,845	27,981	SY
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	2,523	409	2,932	TN
337-7-83	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-12	1,261	486	1,747	TN
327-70-1	MILLING EXISTING ASPHALT PAVEMENT, 1" AVG DEPTH	0	5,120	5,120	SY
425-1-551	INLETS, DT BOT, TYPE E, <10'	20	0	20	EA
425-1-553	INLETS, DT BOT, TYPE E, J BOT <10'	10	0	10	EA
425-1-554	INLETS, DT BOT, TYPE E, J BOT >10'	5	0	5	EA
430-175-118	PIPE CULVERT, HPPP, ROUND, 18"	1,485	0	1,485	LF
430-175-130	PIPE CULVERT, HPPP, ROUND, 24"	385	0	385	LF
430-175-130	PIPE CULVERT, HPPP, ROUND, 30"	600	0	600	LF
430-175-136	PIPE CULVERT, HPPP, ROUND, 36"	855	0	855	LF
430-175-142	PIPE CULVERT, HPPP, ROUND, 42"	1,558	0	1,558	LF
430-175-148	PIPE CULVERT, HPPP, ROUND, 48"	902	0	902	LF
430-175-160	PIPE CULVERT, HPPP, ROUND, 60"	65	0	65	LF
430-175-230	PIPE CULVERT, RCP, ELIP, 30"	0	147	147	LF
430-984-133	MITERED END SECTION, 30"	0	2	2	EA
440-000	EDGEDRAIN	8,544	0	8,544	LF
440-000	EDGEDRAIN OUTFALL	28	0	28	AS
520-1-10	CONCRETE CURB & GUTTER, TYPE F	8,635	0	8,635	LF
520-2-10	CONCRETE CURB, HEADER	442	158	600	LF
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	7,774	0	7,774	SY
522-2	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	133	0	133	SY
523-3	GREEN PATTERNED PAVEMENT (BIKE LANE)	797	0	797	SY
570-1-2	PERFORMANCE TURF, SOD	38,500	0	38,500	SY
700-1-11	(R01-01) STOP	1	4	5	AS
700-1-11	(R02-01) SPEED LIMIT SIGN (45 MPH) (24" X 30")	2	0	2	AS
700-1-11	(R4-7) KEEP RIGHT MEDIAN SIGN (24" X 30")	6	0	6	AS
700-1-11	(W01-07) TWO WAY DIRECTION ARROW	1	1	2	AS
700-1-11	(OM1-1) YELLOW REFLECTORS TYPE I	7	7	14	AS
700-1-60	SINGLE POST SIGN, REMOVE	7	0	7	AS
706-1-3	REFLECTIVE PAVEMENT MARKERS	100	200	300	EA
711-11-125	THERMOPLASTIC WHITE 24" SOLID LINE	65	48	113	LF
711-11-141	THERMOPLASTIC WHITE SKIP 6" (2-4')	0.29	0	0.29	GM
711-11-170	THERMOPLASTIC WHITE REGULAR ARROWS (THRU, TURN, BIKE)	25	4	29	EA
711-11-224	THERMOPLASTIC YELLOW 18" SOLID LINE	0	1,158.0	1,158	LF
711-15-101	THERMOPLASTIC WHITE 6" SOLID LINE	1.6	0.5	2.1	GM
711-15-201	THERMOPLASTIC YELLOW 6" SOLID LINE	1.60	0.80	2.40	GM

PAY ITEMS NOTES:

- 102-1 INCLUDES ALL ITEMS FOR MAINTENANCE OF TRAFFIC WHICH ARE NOT INCLUDED FOR PAYMENT UNDER SEPARATE ITEMS. INCLUDES PEDESTRIAN MAINTENANCE OF TRAFFIC IN ACCORDANCE WITH THE SPECIFICATIONS. INCLUDES TEMPORARY PAVEMENT MARKINGS & SIGNAGE, AND RAISED PAVEMENT MARKERS. INCLUDES MAINTENANCE AND RELOCATION OF MAILBOXES.
- 102-11.3 PAY ITEM INCLUDES CONSTRUCTING, MAINTAINING, AND REMOVING DETOUR FACILITIES, TRAFFIC CONTROL DEVICES, WARNING DEVICES, BARRIERS, SIGNING, PAVEMENT MARKING AND 281 TONS OF TEMPORARY ASPHALT.
- 102-1 CONTRACTOR SHALL PROVIDE TEMPORARY DRIVEWAYS MAINTENANCE IN ACCORDANCE WITH FDOT SPECIFICATIONS 102-11.4. PAYMENT SHALL BE MADE ON CUBIC YARD OF MATERIAL USED. INCLUDES COST TO MAINTAIN EXISTING PAVEMENT WITHIN THE PROJECT LIMITS FROM NOTICE TO PROCEED UNTIL FINAL ACCEPTANCE FOR ALL AREAS EFFECTING ROADWAY CONSTRUCTION.
- 104-12 IS ESTIMATED FOR PREVENTION, CONTROL AND ABATEMENT OF EROSION AND WATER POLLUTION AND ARE TO BE USED AT LOCATIONS DESIGNATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER. INCLUDES SILT FENCE TYPE III.
- 110-1-1 INCLUDES REMOVAL AND DISPOSAL OF EXISTING DRAINAGE STRUCTURES PIPES; CULVERTS; SIGNS; FENCE; CURBS; CURB AND GUTTER; DRIVEWAYS; SLABS; FOOTINGS; GATES; POLES; DEBRIS; TRAFFIC SEPARATOR; SIDEWALKS; ASPHALT; BASE; CONCRETE; GUARDRAIL; F.D.P.'S; TEMPORARY CONSTRUCTION DETOURS; AND ANY OTHER ITEMS TO BE REMOVED THAT ARE NOT SPECIFICALLY COVERED UNDER TREE REMOVAL AND TRIMMING FROM WITH 5' OF THE WORK ZONE. EXISTING DRAINAGE STRUCTURES AND PIPES WITHIN THE LIMITS OF CONSTRUCTION SHALL REMAIN, UNLESS OTHERWISE NOTED. THIS ITEM INCLUDES DESILTING OF ALL EXISTING AND PROPOSED DRAINAGE CULVERTS WITHIN THE PROJECT LIMITS.
- 120-6 INCLUDES ALL EARTHWORK EMBANKMENT FOR ROADWAY, DRIVEWAY, CULVERT STRUCTURE, & INCLUDES FINAL GRADING SHAPING AS NECESSARY FOR FINAL RESTORATION.
- 715 INCLUDES THE FPL SERVICE CONNECTION.

SUMMARY OF PAY ITEMS UTILITY

Item	Description	Segment 2B Quantity	Rangeline Quantity	Quantity	Unit
630-2-11	CONDUIT, OPEN TRENCH, F&I	3,970	0	3,970	LF
635-2-11	PULL BOX (F&I) (17" X 30")	3	0	3	EA
635-2-12	PULL & SPLICE BOX (F&I) (24" X 36")	2	0	2	EA
1050-31-206	6" PVC WM	272	0	272	LF
1050-31-208	8" PVC WM	290	0	290	LF
1055-31-208	8" X 6" TEE	2	0	2	EA
1055-31-508	PLUG	2	0	2	EA
1055-31-616	WYE	2	0	2	EA
1080-21-116	METER/TEMP JUMP/BFP	2	0	2	AS
1080-23-116	16" X 6" TS&V	3	0	3	EA
1080-23-116	16" X 8" TS&V	2	0	2	EA
1080-24-106	6" GATE VALVE	5	0	5	EA
1080-24-18	8" GATE VALVE	2	0	2	EA
1080-25-102	2" BLOWOFF	2	0	2	AS
1080-32-102	SAMPLE POINTS	2	0	2	AS
1644-116-08	FIRE HYDRANT ASSEMBLY	5	0	5	AS

CITY OF PSL PROJECT NO. P22-169
PSLUSD PROJECT NO. 9-0915-G

REVISIONS				MACKENZIE ENGINEERING & PLANNING, INC. 1172 SW 30TH STREET, SUITE 500, PALM CITY, FLORIDA, 34990 C.A. 29013 SHAUN G. MACKENZIE P.E. P.E. NO. 61751	CITY OF PORT ST. LUCIE 121 SW PORT ST. LUCIE BLVD PORT ST. LUCIE BLVD, FL 34984	COUNTY ROAD NO. ST. LUCIE COUNTY CROSSTOWN PARKWAY SEGMENT 2B	SUMMARY OF PAY ITEMS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION					2
8-29-22	REVISED PER CITY OF PSL							

GENERAL NOTES

1. ALL ELEVATIONS, EXISTING AND PROPOSED, ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
2. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH AND CONFORM TO THE MOST STRINGENT REQUIREMENTS OF THE PROJECT SPECIFICATIONS AND THE LATEST EDITION OF THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (FDOT), CITY OF PORT ST. LUCIE ENGINEERING STANDARDS FOR LAND DEVELOPMENT, AND ALL OTHER APPLICABLE FEDERAL, STATE AND LOCAL CODES AND REGULATIONS.
3. ALL WORK, CONCRETE AND MATERIALS SHALL COMPLY WITH THE LATEST EDITION, INCLUDING ALL REVISIONS, OF THE FOLLOWING STANDARDS AND PUBLICATIONS:
 - AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (AASHTO);
 - AMERICAN CONCRETE INSTITUTE (ACI);
 - AMERICAN SOCIETY FOR TESTING MATERIAL (ASTM);
4. TWO COPIES OF SHOP DRAWINGS AND DESIGN DATA SHALL BE SUBMITTED TO THE ENGINEER OF RECORD. ALLOW 30 DAYS TURN AROUND FOR SUBMITTALS. ALL SUBMITTALS SHOULD BE SENT TO: MACKENZIE ENGINEERING AND PLANNING INC. 1172 SW 30TH STREET, SUITE 500, PALM CITY, FL 34990
5. AT THE TIME OF THE FINAL ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL FURNISH TWO (2) COMPLETE SETS OF AS-BUILT PLANS, CAD (.DWG) DRAWINGS, AND A COPY OF SHOP DRAWINGS TO THE FOLLOWING:
 - CITY OF PORT ST. LUCIE, PUBLIC WORKS
121 SW PORT ST LUCIE BLVD BUILDING B, PORT ST. LUCIE, FL 34984
 - MACKENZIE ENGINEERING AND PLANNING INC.
1172 SW 30TH STREET, SUITE 500, PALM CITY, FL 34990
6. ALL FIELD STAKING REQUIRED FOR CONSTRUCTION SHALL BE PERFORMED BY A LICENSED FLORIDA SURVEYOR.
7. ANY PUBLIC LAND CORNER OR BENCH MARK WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE PROJECT ENGINEER SHOULD NOTIFY THE CITY SURVEYOR. WITHOUT DELAY BY TELEPHONE.
8. ALL PROPOSED ELEVATIONS REFER TO FINISHED GRADES.
9. THE CONTRACTOR IS TO USE CAUTION WHEN WORKING IN OR AROUND ALL EXISTING UTILITIES, INCLUDING OVERHEAD POWER LINES. THE CONTRACTOR SHALL EXCAVATE BY HAND WHERE CONFLICTS MAY EXIST.
10. THESE PLANS REFLECT CONDITIONS KNOWN DURING PLAN DEVELOPMENT. IN THE EVENT THAT ACTUAL PHYSICAL CONDITIONS PREVENT THE APPLICATION OF THESE STANDARDS OR THE PROGRESSION OF THE WORK, THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO CONSTRUCTION OF AFFECTED AREA.
11. SUBSURFACE UTILITIES SHOWN ON THE DRAWINGS SHALL BE CONSIDERED APPROXIMATE ONLY. THE ACCURACY OF THIS INFORMATION IS NOT GUARANTEED AND IS NOT TO BE CONSTRUED AS PART OF THE PLANS GOVERNING CONSTRUCTION OF THE PROJECT. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO THE TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE. THE CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
12. CONTACT SUNSHINE ONE CALL OF FLORIDA AT 811 OR SUNSHINE811.COM AT LEAST TWO (2) FULL BUSINESS DAYS BEFORE DIGGING. FLORIDA 'SUNSHINE ONE' LOCATES PROCEDURES SHALL BE FOLLOWED AT ALL TIMES. (NOTE: IF THERE IS A TRAFFIC MONITORING SITE ON THE PROJECT OR WITHIN 1 MILE OF THE CONSTRUCTION, THE TRANSPORTATION STATISTICS OFFICE IN TALLAHASSEE SHALL BE ADDED TO THE LIST OF UTILITY OWNERS.
13. UNLESS OTHERWISE SHOWN, ALL EXISTING DRAINAGE STRUCTURES, TREES AND UTILITY POLES WITHIN LIMITS OF CONSTRUCTION ARE TO REMAIN.
14. PRIOR TO REMOVAL OF EXISTING PAVEMENT OR CONCRETE, SAW CUTS AT THE INTERFACES MUST BE MADE TO REDUCE THE RISK OF DAMAGE TO THE REMAINING SURFACE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGES TO PAVEMENT OR CONCRETE SURFACES. ALL DAMAGED AREAS MUST BE REPAIRED TO EXISTING CONDITIONS OR BETTER, AT THE COST OF THE CONTRACTOR, PRIOR TO FINAL PAYMENT.
15. ALL DISTURBED AREAS SHALL BE RESTORED TO EXISTING OR BETTER CONDITIONS. THE CONTRACTOR SHALL ONLY BE ENTITLED FOR PAYMENT OF AUTHORIZED AREAS WITHIN THE PROJECT WORK LIMITS. CONTRACTOR SHALL MAKE EVERY EFFORT TO MINIMIZE UNNECESSARY DAMAGE. ALL DAMAGED AREAS OUTSIDE THE PROJECT WORK LIMITS MUST BE REPAIRED TO EXISTING CONDITIONS OR BETTER, AT THE COST OF THE CONTRACTOR, PRIOR TO FINAL PAYMENT. CONTRACTOR SHALL ALSO TAKE CARE TO AVOID SPRINKLER HEADS AND IRRIGATION LINES, UNLESS AFOREMENTIONED CANNOT BE AVOIDED IN WHICH CASE IRRIGATION LINES WILL BE RELOCATED TO COVER ALL GRASSED AREAS. THIS COST IS INCIDENTAL TO THE CLEARING AND GRUBBING COST.
16. THE CONTRACTOR SHALL MATCH EXISTING GRADES, CONSTRUCT A SMOOTH TRANSITION FROM EXISTING FACILITIES TO PROPOSED, AND MATCH EXISTING SOD TYPE FOR ALL DISTURBED SOD AREAS UNLESS OTHERWISE DIRECTED. THE SOD STRIPS SHALL BE LAID IN A STAGGERED PATTERN WITH SNUG EVEN JOINTS. ALL JOINTS SHALL BE BUTTED TIGHT TO PREVENT VOIDS. COST OF WATER AND FERTILIZER TO BE INCLUDED IN COST OF SOD.

17. THE CONTRACTOR SHALL OBTAIN A NPDES PERMIT PRIOR TO COMMENCING CONSTRUCTION AND PROVIDE THE ENGINEER AN EROSION AND SEDIMENT CONTROL PLAN PRIOR TO CONSTRUCTION IN ACCORDANCE WITH FDOT EROSION AND SEDIMENT CONTROL MANUAL.
18. THE CONTRACTOR SHALL MAINTAIN BEST MANAGEMENT PRACTICES (BMP'S) AS REQUIRED BY THE REGULATORY AUTHORITIES. THESE BMP'S SHALL INCLUDE, BUT ARE NOT LIMITED TO SILT FENCE AND ANY OTHER MEANS NECESSARY TO PREVENT SEDIMENT DISCHARGE FROM THE DISTURBED AREAS.
19. ANY KNOWN OR SUSPECT HAZARDOUS MATERIAL FOUND ON THE PROJECT BY THE CONTRACTOR SHALL BE IMMEDIATELY REPORTED TO THE ENGINEER, WHO SHALL DIRECT THE CONTRACTOR TO PROTECT THE AREA FROM FURTHER ACCESS. THE ENGINEER IS TO NOTIFY THE PROPER REGULATORY AUTHORITY OF THE DISCOVERY. THE PROPER REGULATORY AUTHORITY WILL ADVISE/DIRECT THE ENGINEER IN THE INVESTIGATION, IDENTIFICATION AND/OR REMOVAL/REMEDATION OF THE MATERIAL IN QUESTION AS NEEDED. THE CONTRACTOR SHALL NOT RETURN TO THE AREA OF SUSPECTED CONTAMINATION UNTIL APPROVAL IS PROVIDED BY THE ENGINEER AND/OR THE REGULATORY AUTHORITY.
20. THE CONTRACTOR SHALL NOT BRING ANY HAZARDOUS MATERIALS ONTO THE PROJECT. SHOULD THE CONTRACTOR REQUIRE SUCH FOR PERFORMING THE CONTRACTED WORK, THE CONTRACTOR SHALL REQUEST, IN WRITING, WRITTEN PERMISSION FROM THE ENGINEER. THE CONTRACTOR SHALL PROVIDE A COPY OF THE MATERIAL SAFETY DATA SHEET (MSDS) FOR EACH HAZARDOUS MATERIAL PROPOSED FOR USE, AND PROVIDE A DESCRIPTION OF THE SPECIFIC MANNER IN WHICH THE MATERIAL WILL BE USED. ALL BULK PETROLEUM PRODUCTS STORED ON SITE SHALL REQUIRE PROPER STORAGE WHICH INCLUDES SECONDARY CONTAINMENT.
21. THE CONTRACTOR SHALL USE DILIGENT CAUTION TO COMPLETE ALL WORK WITHIN THE RIGHT-OF-WAY. THE CONTRACTOR SHALL NOT ENCROACH ONTO PRIVATE PROPERTY WITHOUT EASEMENTS NECESSARY FOR COMPLETION OF THE WORK.
22. ALL INLETS AND PIPE SHALL BE PROTECTED DURING CONSTRUCTION TO PREVENT SILTATION IN THE DRAINAGE SYSTEMS BY WAY OF TEMPORARY PLUGS AND PLYWOOD OR PLASTIC COVERS OVER THE INLETS. THE ENTIRE DRAINAGE SYSTEMS SHALL BE CLEANED OF ALL DEBRIS PRIOR TO FINAL ACCEPTANCE.
23. THE CONTRACTOR MUST OBTAIN A WATER USE PERMIT PRIOR TO CONSTRUCTION DEWATERING UNLESS THE WORK QUALIFIES FOR A PERMIT PURSUANT TO SUBSECTION 40E-20.061, F.A.C.
24. CONTRACTOR TO VERIFY ALL EXISTING TIE-IN ELEVATIONS PRIOR TO FABRICATION/SHOP DRAWINGS OF PROPOSED STRUCTURES.
25. THE ENGINEER IS NOT RESPONSIBLE FOR CONSTRUCTION METHODS / MEANS FOR COMPLETION OF THE WORK DEPICTED NEITHER ON THESE PLANS, NOR FOR ANY CONFLICTS/SCOPE REVISIONS WHICH RESULT FROM SAME. CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE METHODS/MEANS FOR COMPLETION OF THE WORK PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
26. THE ENGINEER OF RECORD IS NOT RESPONSIBLE FOR JOB SITE SAFETY NOR HAS THE ENGINEER OF RECORD BEEN RETAINED FOR SUCH PURPOSES.

CONSTRUCTION NOTES

27. A MANDATORY PRE-CONSTRUCTION MEETING SHALL BE HELD A MINIMUM OF 48 HOURS PRIOR TO COMMENCEMENT OF ANY SITE ACTIVITY.
28. IT IS THE SOLE AND EXCLUSIVE RESPONSIBILITY OF THE CONTRACTOR TO PLACE HIS OWN INTERPRETATION ON ANY AND ALL SOIL AND SUBSOIL DATA, IF ANY, PORTRAYED ON THE DRAWINGS; PERFORM HIS OWN SOIL AND SUBSOIL INVESTIGATION TO DETERMINE THE NATURE, CHARACTER, LOCATION AND EXTENT OF ALL SOIL AND SUBSOIL CONDITIONS THAT MAY AFFECT HIS WORK; AND INCLUDE IN HIS CONTRACT PRICE CONSIDERATIONS FOR ALL WORK NECESSARY TO ASSURE THAT THE SOIL AND SUBSOIL CONDITIONS WILL MEET THE REQUIREMENTS OF THE SPECIFICATIONS AND THE APPLICABLE REGULATIONS.
29. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SCHEDULING WITH THEIR GEOTECHNICAL FIRM TO PROVIDE CERTIFIED MATERIAL TEST RESULTS TO THE ENGINEER OF RECORD PRIOR TO THE RELEASE OF FINAL CERTIFICATION BY THE ENGINEER. LAB TEST NEED TO HAVE A SEVEN DAY LEAD TIME NOTIFICATION TO THEIR GEOTECHNICAL FIRM. TEST RESULTS MUST INCLUDE, BUT MAY NOT BE LIMITED TO, DENSITIES FOR SUBGRADE AND BASE DENSITIES AT UTILITY CROSSINGS, MANHOLES, INLETS, STRUCTURES. TEST SHALL INCLUDE ASPHALT GRADATION REPORTS, CONCRETE CYLINDERS, DENSITY TESTS SHALL BE PERFORMED AT THREE (3) LOCATIONS AROUND ANY STRUCTURE, BEGIN TESTING IN THE FIRST FOOT ABOVE THE BOTTOM OF THE STRUCTURE AND THEN EACH LIFT (12" MAX) TO WITHIN ONE FOOT OF THE FINISH GRADE.
30. ALL UNSUITABLE MATERIALS, SUCH AS MUCK, ORGANIC MATERIAL AND OTHER DELETERIOUS MATERIAL, FOUND SHALL BE REMOVED DOWN TO ROCK OR SUITABLE MATERIAL, AND REPLACED WITH THE SPECIFIED FILL MATERIAL IN MAXIMUM 12 INCH LIFTS COMPACTED TO NOT LESS THAN 100% MAXIMUM DRY DENSITY AT OPTIMUM MOISTURE IN ACCORDANCE WITH AASHTO T-99. THICKNESS OF LAYERS MAY BE INCREASED, PROVIDED THAT THE EQUIPMENT AND METHODS USED ARE PROVEN BY FIELD DENSITY TESTING AND CAPABLE OF COMPACTING THICK LAYERS TO SPECIFIED DENSITIES.
31. ALL AREAS SHALL BE CLEARED AND GRUBBED PRIOR TO CONSTRUCTION. THIS SHALL CONSIST OF THE COMPLETE REMOVAL AND DISPOSAL OF ALL TREES, BRUSH, STUMPS, GRASS, WEEDS, RUBBISH AND ALL OTHER OBSTRUCTIONS RESTING ON, OR PROTRUDING THROUGH THE SURFACE OF THE EXISTING GROUND TO A DEPTH OF ONE (1) FOOT.
32. ITEMS DESIGNATED TO REMAIN, TO BE RELOCATED, OR TO BE ADJUSTED SHALL BE SO DESIGNATED ON THE FILL MATERIAL SHALL BE CLASSIFIED AS A-1, A-3, OR A-2-4 IN ACCORDANCE WITH AASHTO M-145 AND SHALL BE FREE FROM VEGETATION AND ORGANIC MATERIAL.
33. UNLESS OTHERWISE SPECIFIED OR INDICATED, ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS OF 3000 PSI.

34. EXCAVATION, BACKFILL, COMPACTION, AND TESTING SHALL BE IN ACCORDANCE WITH SECTION 125 OF THE FDOT STANDARD SPECIFICATIONS.
35. ALL DETECTABLE WARNING SURFACES SHALL BE INSTALLED FOLLOWING THE MANUFACTURERS' INSTRUCTIONS FOR INSTALLATION. THE CONTRACTOR SHALL OBTAIN MANUFACTURERS' INSTALLATION CERTIFICATION AND PROVIDE THE CITY OF PORT ST. LUCIE WITH A COPY OF THE CERTIFICATION PRIOR TO INSTALLATION. ALL DETECTABLE WARNING SURFACES WILL BE INSPECTED BY THE CITY OF PORT ST. LUCIE TO INSURE PROPER INSTALLATION IS ACHIEVED.
36. THE MAINTENANCE OF TRAFFIC PLAN (MOT) SHALL BE IN ACCORDANCE WITH THE APPLICABLE FDOT STANDARD PLANS INDEX (102) AND THE MANUAL ON UNIFORM TRAFFIC CONTROL FOR STREETS AND HIGHWAYS (MUTCD). IF THE STANDARD INDEX TYPICALS DO NOT APPLY TO THE MOT REQUIREMENTS OF THIS PROJECT, THE CONTRACTOR SHALL SUBMIT A SIGNED AND SEALED MOT FOR THE ENGINEER'S APPROVAL PRIOR TO THE WORK BEING PERFORMED.
37. PIPE CULVERTS SHALL BE IN ACCORDANCE WITH SECTION 430 OF THE FDOT SPECIFICATIONS.
38. PRECAST CONCRETE DRAINAGE PRODUCTS SHALL BE IN ACCORDANCE WITH SECTION 449 OF THE FDOT SPECIFICATIONS.
39. ALL SIDEWALK CONSTRUCTION AND PLACEMENT OF JOINTS, INCLUDING THOSE AT INTERFACES WITH EXISTING ASPHALT AND/OR CONCRETE, SHALL BE PERFORMED IN ACCORDANCE WITH FDOT STANDARD PLAN INDEX 522 AND FDOT STANDARD SPECIFICATION SECTION 522. SIDEWALKS SHALL BE TOOLED WITHOUT EXPANSION JOINTS.
40. ALL ADA DETECTABLE WARNING SURFACES ON NEW CONCRETE SURFACES SHALL BE BRICK COLORED RED CAST IN PLACE. REFER TO FDOT STANDARD PLANS INDEX (522) FOR ADDITIONAL REQUIREMENTS.
41. PROPOSED PAVEMENT MARKINGS SHALL BE THERMOPLASTIC IN ACCORDANCE WITH FDOT STANDARD SPECIFICATION 711.
42. ALL DRAINAGE PIPE JOINTS, INCLUDING ROUND CONCRETE PIPES, SHALL HAVE A FILTER FABRIC JACKET IN ACCORDANCE WITH FDOT ROADWAY AND TRAFFIC DESIGN STANDARDS. ALL JOINTS SHALL BE WRAPPED FOR A MINIMUM OF 12 INCHES FROM THE BAND OR JOINT OR BELL AND SPIGOT AS APPLICABLE. COST SHALL BE INCLUDED IN PAY ITEMS FOR PIPE.
43. VALVES ARE TO BE INSTALLED OUTSIDE OF THE SIDEWALK EXTENTS WHEREVER POSSIBLE AND MUST BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF PORT ST. LUCIE UTILITY DEPARTMENT CONSTRUCTION STANDARDS.
44. THE CONTRACTOR IS RESPONSIBLE FOR UTILITY COORDINATION PRIOR TO AND DURING THE CONSTRUCTION OF THE PROJECT. PRIOR TO BEGINNING CONSTRUCTION OPERATIONS WHICH MAY AFFECT EXISTING UTILITIES, A UTILITY COORDINATION MEETING IS TO BE HELD TO COORDINATE AND RESOLVE POTENTIAL UTILITY CONFLICTS AND TO COORDINATE SCHEDULES FOR NECESSARY RELOCATIONS OR ADJUSTMENTS. THE CONTRACTOR WILL BE REQUIRED TO ADJUST HIS CONSTRUCTION SCHEDULE OR OPERATIONS TO ALLOW THE UTILITY OWNERS TO ADJUST/RELOCATE THEIR FACILITIES. THE COST FOR UTILITY COORDINATION IS INCLUDED IN THE PAY ITEM FOR MOBILIZATION.

48 HOURS BEFORE DIGGING CALL SUNSHINE STATE ONE CALL CENTER. TOLL FREE 1-(800)432-4770

UTILITY COMPANIES

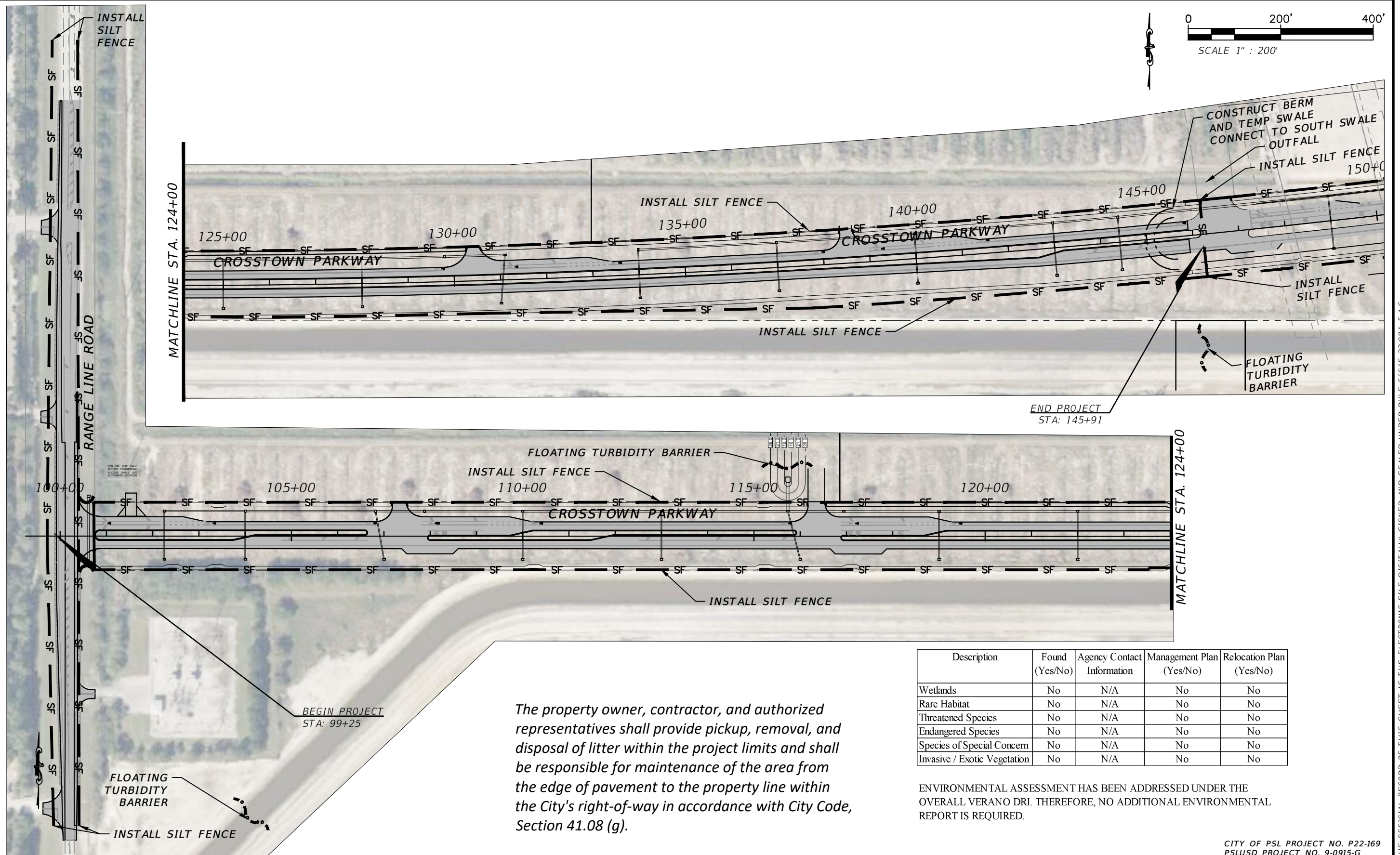
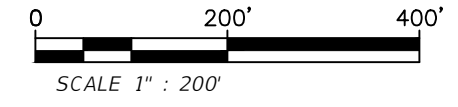
CITY GAS COMPANY OF FLORIDA 321-638-3419 HOLLY COOMBS	CITY OF PORT ST LUCIE TRAFFIC 772-871-5182 PAUL JOHNSON
FLORIDA POWER & LIGHT 386-586-6403 JOEL BRAY	CITY OF PORT ST LUCIE UTILITIES 772-873-6400
BLUESTREAM FIBER 772-528-2932 TERRY DAY	TRAD CDDI, IRRIGATION SYSTEMS 772-345-5119 JOHN GALLAGHER
AT & T/ DISTRIBUTION 561-683-2729 DINO FARRUGGIO	

IN THE EVENT OF CONFLICTING SPECIFICATIONS WITH THESE NOTES AND THE UTILITY STANDARDS MANUAL, THE MORE STRINGENT REQUIREMENT APPLIES.

**CITY OF PSL PROJECT NO. P22-169
PSLUSD PROJECT NO. 9-0915-G**

REVISIONS				MACKENZIE ENGINEERING & PLANNING, INC. 1172 SW 30TH STREET, SUITE 500, PALM CITY, FLORIDA, 34990 C.A. 29013 SHAUN G. MACKENZIE P.E. P.E. NO. 61751	CITY OF PORT ST. LUCIE 121 SW PORT ST. LUCIE BLVD PORT ST. LUCIE BLVD, FL 34984		SHEET NO. 3
DATE	DESCRIPTION	DATE	DESCRIPTION		COUNTY	ROAD NO.	
8-29-22	REVISED PER CITY OF PSL			ST. LUCIE COUNTY	CROSSTOWN PARKWAY SEGMENT 2B	GENERAL NOTES	

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



Description	Found (Yes/No)	Agency Contact Information	Management Plan (Yes/No)	Relocation Plan (Yes/No)
Wetlands	No	N/A	No	No
Rare Habitat	No	N/A	No	No
Threatened Species	No	N/A	No	No
Endangered Species	No	N/A	No	No
Species of Special Concern	No	N/A	No	No
Invasive / Exotic Vegetation	No	N/A	No	No

ENVIRONMENTAL ASSESSMENT HAS BEEN ADDRESSED UNDER THE OVERALL VERANO DRI. THEREFORE, NO ADDITIONAL ENVIRONMENTAL REPORT IS REQUIRED.

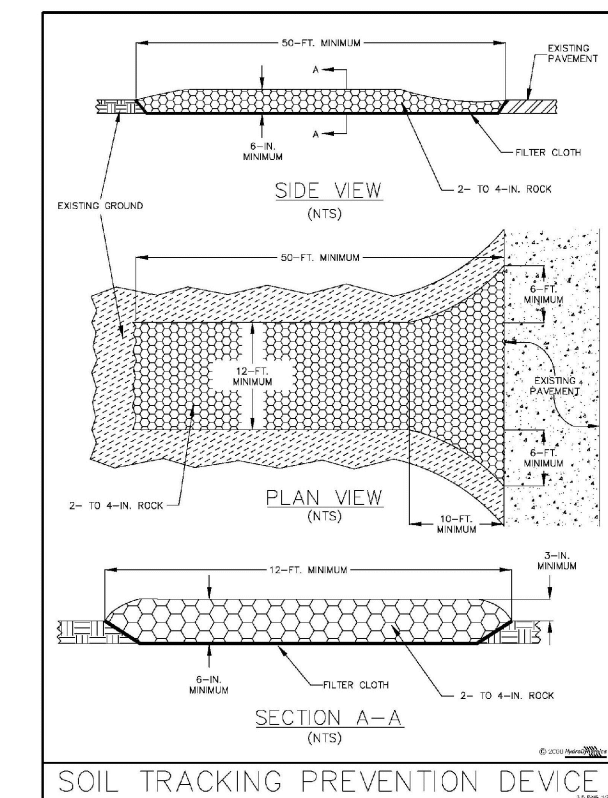
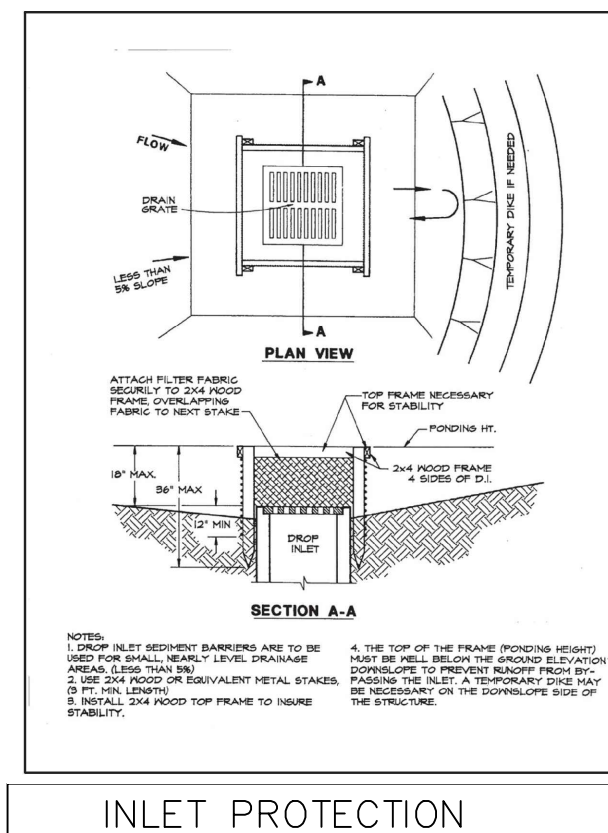
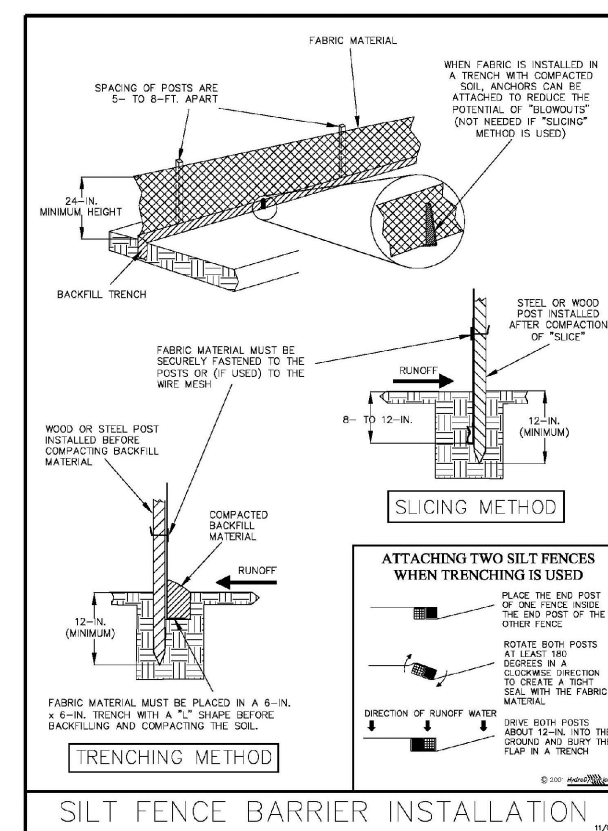
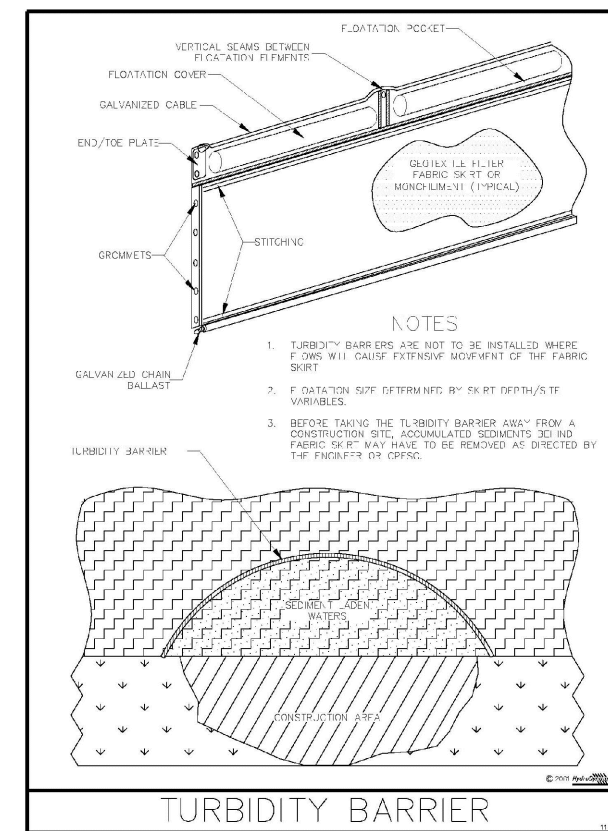
CITY OF PSL PROJECT NO. P22-169
PSLUSD PROJECT NO. 9-0915-G

REVISIONS		MACKENZIE ENGINEERING & PLANNING, INC. 1172 SW 30TH STREET, SUITE 500, PALM CITY, FLORIDA, 34990 C.A. 29013 SHAUN G. MACKENZIE P.E. P.E. NO. 61751	CITY OF PORT ST. LUCIE 121 SW PORT ST. LUCIE BLVD PORT ST. LUCIE BLVD, FL 34984		EROSION AND SEDIMENT CONTROL PLAN	SHEET NO. 4
DATE	DESCRIPTION		COUNTY	ROAD NO.		
8-29-22	REVISED PER CITY OF PSL		ST. LUCIE COUNTY	CROSSTOWN PARKWAY SEGMENT 2B		

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

1	Project Name and location information:	CROSTOWN PARKWAY EXTENSION COMMENCING AT VILLAGE PARKWAY TO THE EAST, TERMINATING AT RANGLINE ROAD TO THE WEST, PEACOCK CANAL TO THE SOUTH, AND VERANO DRI TO THE NORTH. THE PROJECT WILL BE DIVIDED INTO THREE SEGMENTS
2	Describe the nature of the construction activity:	ROADWAY CONSTRUCTION WITH SWALES, CROSS DRAINS, AND EDGE DRAINS
3	Describe the intended sequence of major soil disturbing activities:	<ol style="list-style-type: none"> 1. PLACEMENT OF ALL EROSION CONTROL DEVICES. 2. SITE GRADING AND FILL MATERIAL PLACEMENT. 3. CONSTRUCT ROADWAY EXTENSION AND STORMWATER SYSTEM. 4. SOD/RESTORE ALL WORK AREAS. 5. REMOVAL OF EROSION CONTROL DEVICES.
4	Total area of the site:	PI: ± 19.7 AC, PII: ± 13.1 AC, PIII: ± 15.8 AC
5	Total area of the site to be disturbed:	PI: ± 5.7 AC, PII: ± 4.4 AC, PIII: ± 6.8 AC
6	Existing data describing the soil or quality of any stormwater discharge from the site:	THE SUBSURFACE SOIL EXPLORATION AND GEOTECHNICAL ENGINEERING EVALUATION REPORT BY UNIVERSAL ENGINEERING SCIENCES INDICATES THAT THE SURFICIAL SOIL IS PINEDA SAND, 0-2% SLOPES AND WINDER SAND 0-1% SLOPES
7	Estimate the drainage area size for each discharge point:	0.58 ACRES (DBI TYPE 'E' INLET)
8	Latitude and longitude of each discharge point and identify the receiving water or MS4 for each discharge point:	C-24 CANAL, ST. LUCIE RIVER
9	Give a detailed description of all controls, Best Management Practices (BMPs) and measures that will be implemented at the construction site for each activity identified in the intended sequence of major soil disturbing activities section. Provide time frames in which the controls will be implemented. NOTE: All controls shall be consistent with performance standards for erosion and sediment control and stormwater treatment set forth in s. 62-40.432, F.A.C., the applicable Stormwater or Environmental Resource Permitting requirements of the Department or a Water Management District, and the guidelines contained in the State of Florida Erosion and Sediment Control Designer and Reviewer Manual, FDOT, FDEP, and any subsequent amendments.	<p>THE FOLLOWING DEFINES GENERAL QUANTITIES FOR THE SEQUENCE OF CONSTRUCTION AND THE USE OF STABILIZATION AND STRUCTURAL PRACTICES. THE CONTRACTOR IS ALSO RESPONSIBLE FOR DOCUMENTING THIS PORTION OF THE SWPPP. THE CONSTRUCTION OF THIS PROJECT IS EXPECTED TO LAST SIX MONTHS.</p> <p>INSTALL STABILIZED CONSTRUCTION ENTRANCE AT ALL COMMON AREAS WHERE CONSTRUCTION VEHICLES WILL BE ENTERING AND EXISTING THE CONSTRUCTION SITE.</p> <p>INSTALL SILT FENCE, TYPE III, AROUND PERIMETER OF PROPOSED IMPROVEMENTS AND TURBIDITY BARRIER WHERE CONCRETE ENDWALLS ARE BEING CONSTRUCTED</p>
10	Describe all temporary and permanent stabilization practices. Stabilization practices include temporary seeding, mulching, permanent seeding, geotextiles, sod stabilization, vegetative buffer strips, protection of trees, vegetative preservations, etc.	<p>TEMPORARY: SOD IN ACCORDANCE WITH FDOT SPECIFICATION SECTION 104.</p> <p>PERMANENT: ALL STABILIZATION PRACTICES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARY OR PERMANENTLY CHANGED, BUT IN NO CASE MORE THAN 7 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY CEASED. THE CONTRACTOR IS ALSO RESPONSIBLE FOR DOCUMENTING THIS PORTION OF THE SWPPP.</p>
11	Describe all structural controls to be implemented to divert stormwater flow from exposed soils and structural practices to store flows, retain sediment on-site or in any other way limit stormwater runoff. These controls include silt fences, earth dikes, diversions, swales, sediment traps, check dams, subsurface drains, pipe slope drains, level spreaders, storm drain inlet protection, rock outlet protection, reinforced soil retaining systems, gabions, coagulating agents and temporary or permanent sediment basins.	<p>TEMPORARY: SILT FENCE PER DETAIL STAKED TURBIDITY BARRIER PER DETAIL SOIL TRACKING PREVENTION DEVICE PER DETAIL. A STABILIZED CONSTRUCTION ENTRANCE TO BE CONSTRUCTED PER DETAIL. ALL SEDIMENT CONTROLS SHALL BE IN PLACE PRIOR TO ANY SOIL DISTURBING ACTIVITY UPSTREAM OF THE CONTROL.</p>
12	Describe all sediment basins to be implemented for areas that will disturb 10 or more acres at one time. The sediment basins (or an equivalent alternative) should be able to provide 3,600 cubic feet of storage for each acre drained. Temporary sediment basins (or an equivalent alternative) are recommended for drainage areas under 10 acres.	
13	Describe all permanent stormwater management controls such as, but not limited to, detention or retention systems or vegetated swales that will be installed during the construction process.	
CURB AND GUTTER SYSTEM WITH PIPE /INLETS TO RETENTION		

14	Waste disposal, this may include construction debris, chemicals, litter, and sanitary wastes:	ALL CONSTRUCTION MATERIALS AND DEBRIS WILL BE PLACED IN A DUMPSTER AND HAULED OFF SITE TO A LANDFILL OR OTHER PROPER DISPOSAL SITE. NO MATERIALS WILL BE BURIED ON SITE.		
15	Offsite vehicle tracking from construction entrances/exits:	OFF SITE VEHICLE TRACKING OF SEDIMENTS AND DUST GENERATION WILL BE MINIMIZED VIA A ROCK CONSTRUCTION ENTRANCE, STREET SWEEPING AND THE USE OF WATER TO KEEP DUST DOWN.		
16	The proper application rates of all fertilizers, herbicides and pesticides used at the construction site:	FLORIDA-FRIENDLY FERTILIZERS AND PESTICIDES WILL BE USED AT A MINIMUM AND IN ACCORDANCE WITH THE MANUFACTURER'S SUGGESTED APPLICATION RATES AND THE APPLICABLE CITY OF PSL ORDINANCE.		
17	The storage, application, generation and migration of all toxic substances:	ALL PAINTS AND OTHER CHEMICALS WILL BE STORED IN A LOCKED COVERED SHED.		
18	Other:	PORT-O-LETS WILL BE PLACED AWAY FROM STORM SEWER SYSTEMS, STORM INLET(S), SURFACE WATERS AND WETLANDS. NO VEHICLE MAINTENANCE SHALL BE CONDUCTED ON-SITE. A WASHDOWN AREA SHALL BE DESIGNATED AT ALL TIMES AND WILL NOT BE LOCATED IN ANY AREA THAT WILL ALLOW FOR THE DISCHARGE OF POLLUTED RUNOFF.		
19	Provide a detailed description of the maintenance plan for all structural and non-structural controls to assure that they remain in good and effective operating condition.	<p>CONTRACTOR SHALL PROVIDE ROUTINE MAINTENANCE OF PERMANENT AND TEMPORARY SEDIMENT AND EROSION CONTROL FEATURES IN ACCORDANCE WITH THE TECHNICAL SPECIFICATIONS OR AS FOLLOWS, WHICHEVER IS MORE STRINGENT:</p> <ul style="list-style-type: none"> • SILT FENCE SHALL BE INSPECTED AT LEAST WEEKLY. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY. SEDIMENT DEPOSITS SHALL BE REMOVED WHEN THEY REACH APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER. • MAINTENANCE SHALL BE PERFORMED ON THE ROCK ENTRANCE WHEN ANY VOID SPACES ARE FULL OF SEDIMENT. • INLET(S)/OUTFALLS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAIN EVENT AND ANY REQUIRED REPAIRS TO THE FILTER INLETS, SILT FENCE, OR FILTER FABRIC SHALL BE PERFORMED IMMEDIATELY. • BARE AREAS OF THE SITE THAT WERE PREVIOUSLY SEEDED SHALL BE RESEED PER MANUFACTURER'S INSTRUCTIONS. • MULCH AND SOD THAT HAS BEEN WASHED OUT SHALL BE REPLACED IMMEDIATELY. • MAINTAIN ALL OTHER AREAS OF THE SITE WITH PROPER CONTROLS AS NECESSARY. 		
20	Inspections: Describe the inspection and inspection documentation procedures, as required by the FDEP NPDES Generic Permit for Stormwater Discharge from Large and Small Construction Activities.	<p>QUALIFIED PERSONNEL WILL INSPECT ALL POINTS OF DISCHARGES, ALL DISTURBED AREAS OF CONSTRUCTION THAT HAVE NOT BEEN STABILIZED, CONSTRUCTED AREAS AND LOCATIONS WHERE VEHICLES ENTER AND EXIT THE SITE, AND ALL BMPs AT LEAST ONCE EVERY 7 CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A RAINFALL EVENT THAT IS 0.5 INCHES OR GREATER. WHERE SITES HAVE BEEN FINALLY STABILIZED, SAID INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY MONTH UNTIL THE NOTICE OF TERMINATION IS FILED.</p>		
21	Identify and describe all sources of non-stormwater discharges as allowed by the FDEP NPDES Generic Permit for Stormwater Discharge from Large and Small Construction Activities.	<p>THE CONTRACTOR IS REQUIRED TO SUBMIT A DEWATERING PLAN TO SFWMD FOR APPROVAL PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES THAT REQUIRE DEWATERING. THIS PLAN SHALL INCLUDE ANY STOCKPILE AREAS AND EXCAVATION AREA. SEE SFWMD RULE 4D D2 CONSUMPTION USE OF WATER, RULE 4D D-3 REGULATION WELLS SPECIFYING REQUIREMENTS FOR DEWATERING AND ERP APPLICATION SECTION E, SUBSECTION D CONSTRUCTION SCHEDULE AND TECHNIQUES.</p> <p>THE CONTRACTOR IS RESPONSIBLE FOR DOCUMENTING THIS PORTION OF THE SWPPP. IF CONTAMINATED SOIL OF GROUNDWATER IS ENCOUNTERED, CONTACT THE DISTRICT HAZARDOUS MATERIALS COORDINATOR.</p>		
22	All contractor(s) and subcontractor(s) identified in the SWPPP must sign the following certification:	<p>"I certify under penalty of law that I understand, and shall comply with, the terms and conditions of the State of Florida Generic Permit for Stormwater Discharge from Large and Small Construction Activities and this Stormwater Pollution Prevention Plan prepared thereunder."</p>		
23	Name	Title	Company Name, Address and Phone Number	Date



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
8-29-22	REVISED PER CITY OF PSL		

MACKENZIE ENGINEERING & PLANNING, INC.
 1172 SW 30TH STREET, SUITE 500,
 PALM CITY, FLORIDA, 34990
 C.A. 29013
 SHAUN G. MACKENZIE P.E.
 P.E. NO. 61751

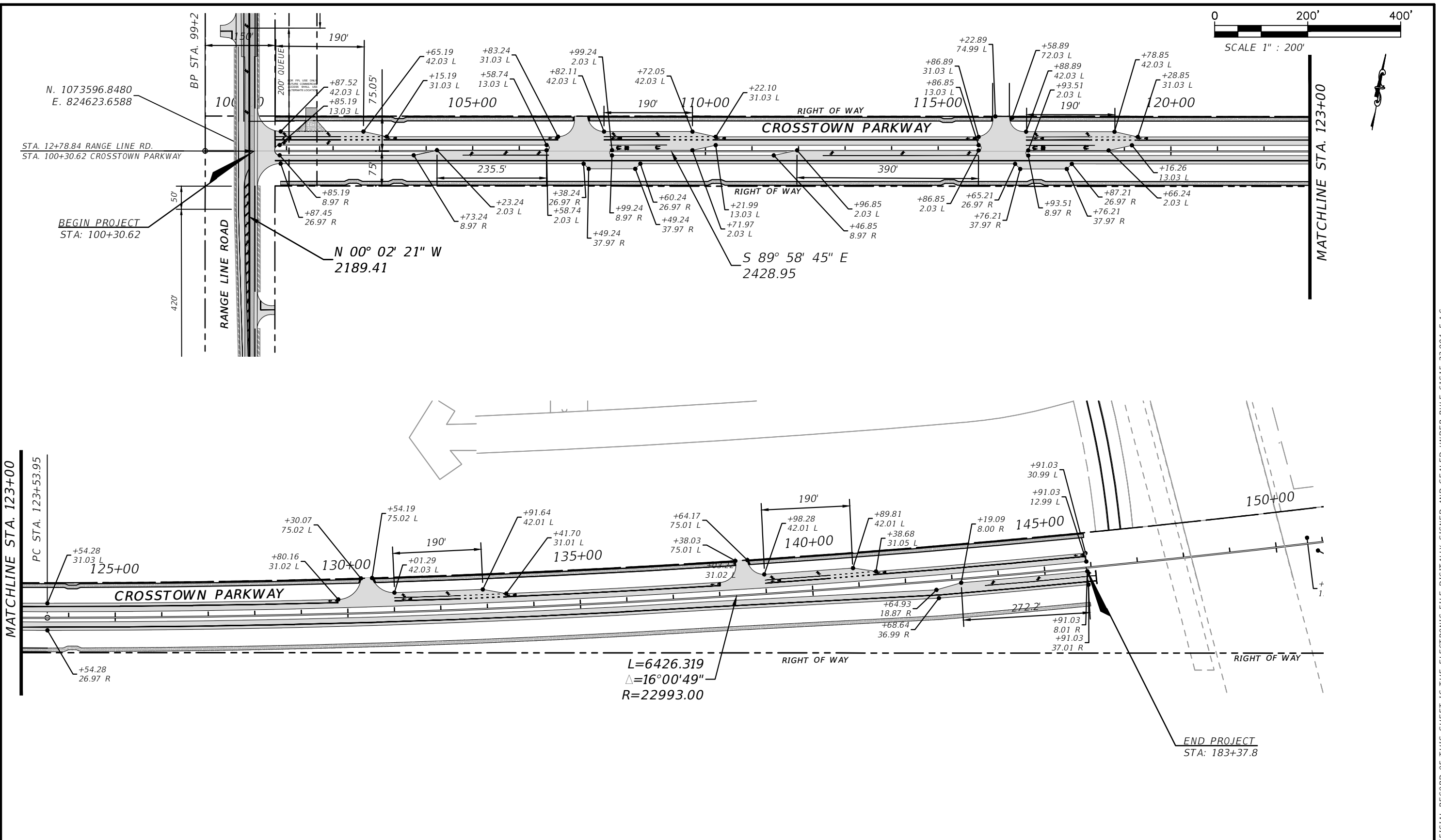
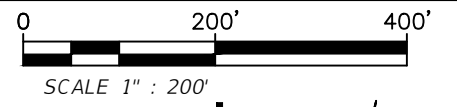
CITY OF PORT ST. LUCIE
 121 SW PORT ST. LUCIE BLVD
 PORT ST. LUCIE BLVD, FL 34984

COUNTY: ST. LUCIE COUNTY ROAD NO.: CROSTOWN PARKWAY SEGMENT 2B

EROSION AND SEDIMENT CONTROL
NOTES AND DETAILS

SHEET NO. 5

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



CITY OF PSL PROJECT NO. P22-169
PSLUSD PROJECT NO. 9-0915-G

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MACKENZIE ENGINEERING & PLANNING, INC.
1172 SW 30TH STREET, SUITE 500,
PALM CITY, FLORIDA, 34990
C.A. 29013
SHAUN G. MACKENZIE P.E.
P.E. NO. 61751

CITY OF PORT ST. LUCIE
121 SW PORT ST. LUCIE BLVD
PORT ST. LUCIE BLVD, FL 34984

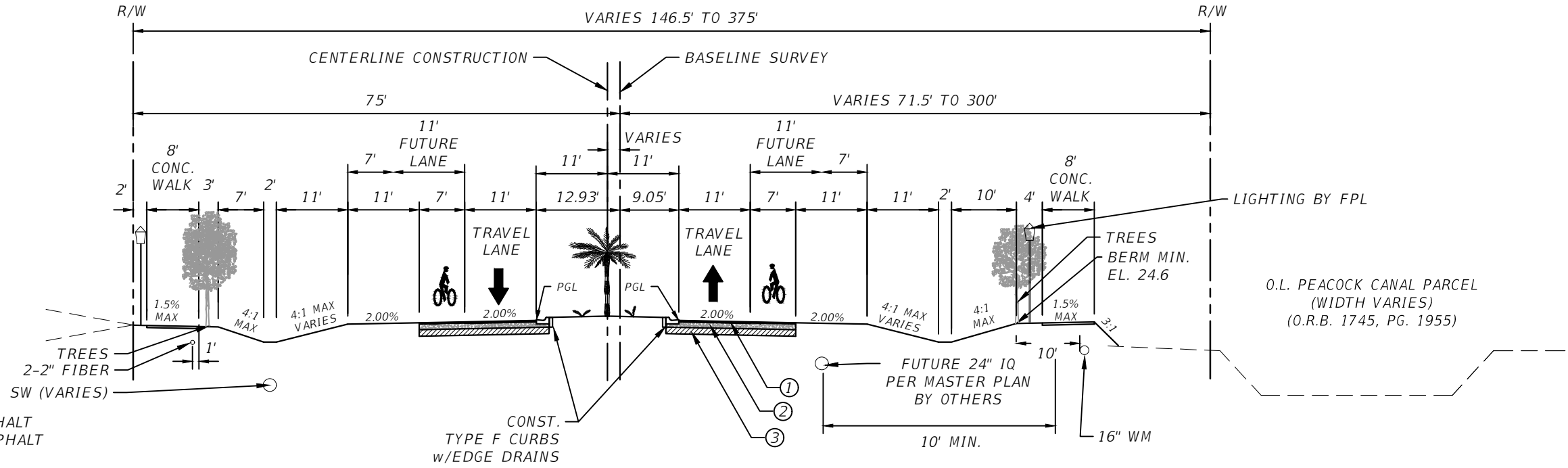
COUNTY	ROAD NO.
ST. LUCIE COUNTY	CROSSTOWN PARKWAY SEGMENT 2B

PROJECT LAYOUT

SHEET NO.
6

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

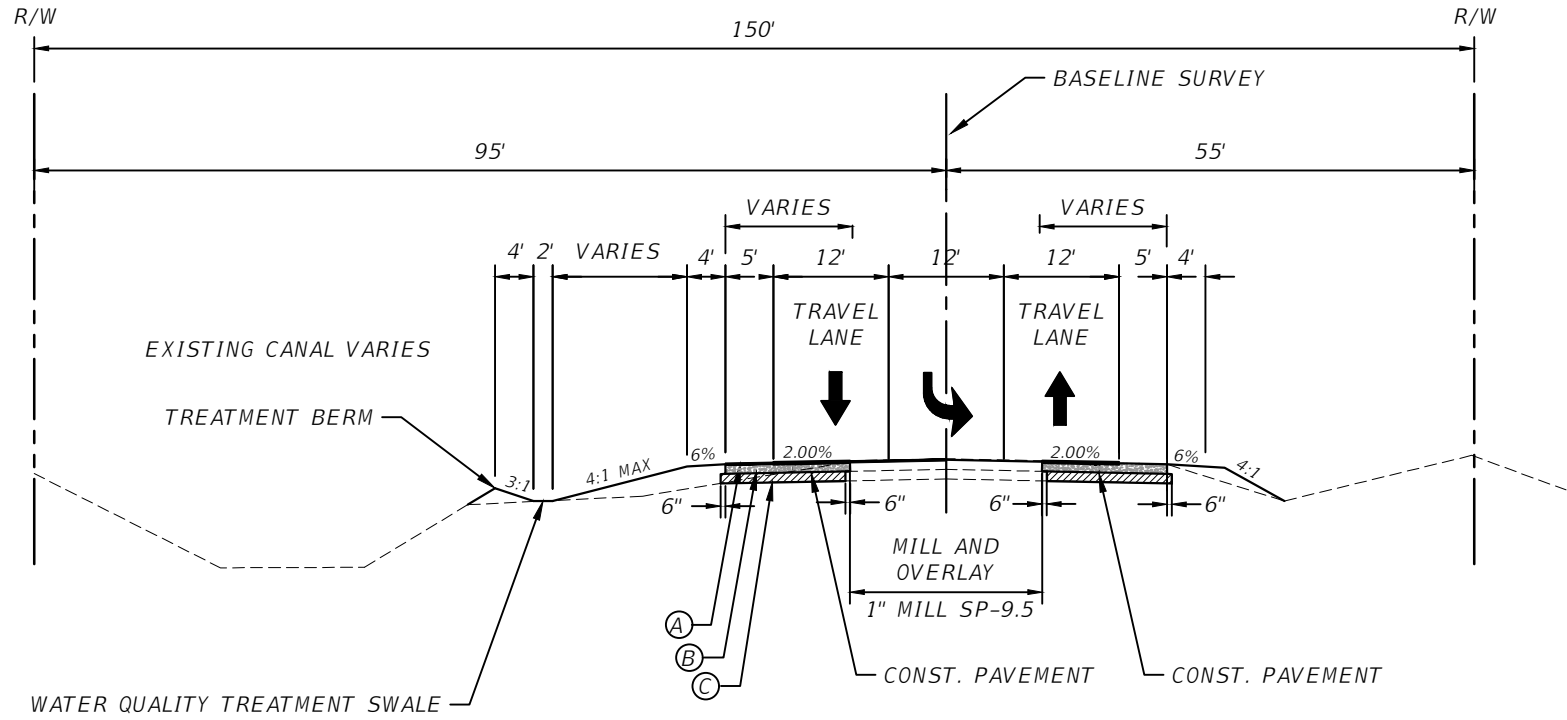
PROPOSED CROSTOWN PARKWAY EXTENSION
FORMERLY WEST VIRGINIA
(O.R.B. 2186, PG. 548)



- ① 1" TYPE SP-9.5 LEVEL C ASPHALT
2" TYPE SP-12.5 LEVEL C ASPHALT
- ② 10" OPTIONAL BASE GROUP 9 (MIN. LBR 100)
- ③ 12" TYPE 'B' STABILIZATION (MIN. LBR 40)
STRUCTURAL NUMBER = 4.08

DESIGN SPEED = 50 MPH
POSTED SPEED = 45 MPH

TYPICAL SECTION
CROSTOWN SEGMENT 2B



- Ⓐ 1" TYPE SP-9.5
2" TYPE SP-12.5
- Ⓑ 10" OPTIONAL BASE GROUP 9 (MIN. LBR 100)
- Ⓒ 12" TYPE 'B' STABILIZATION (MIN. LBR 40)

DESIGN SPEED = 55 MPH
POSTED SPEED = 55 MPH

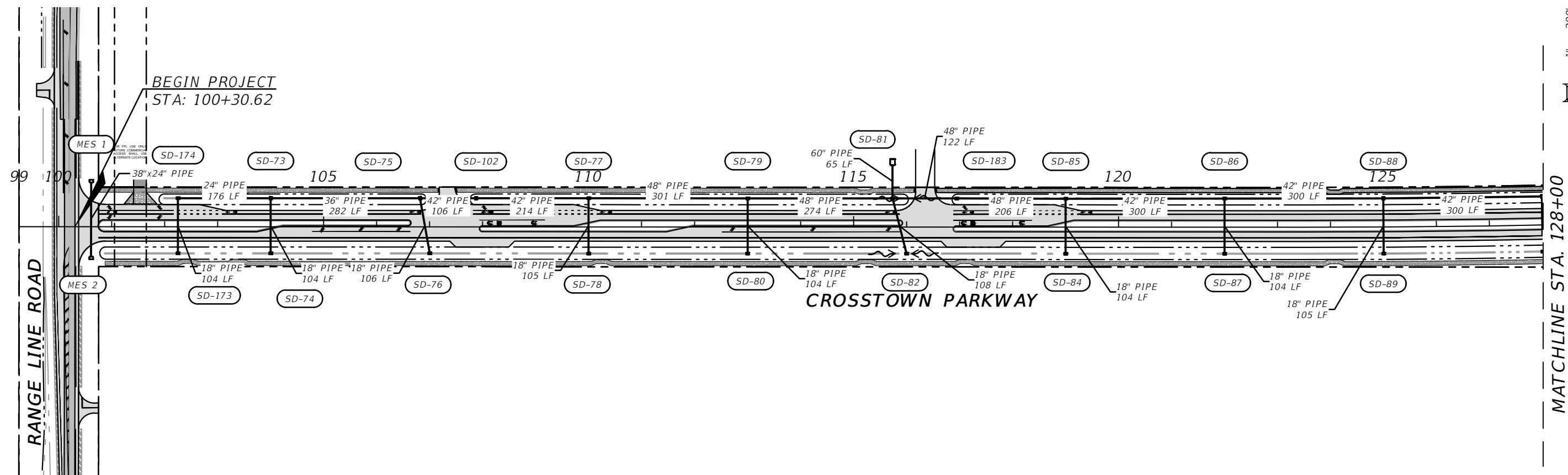
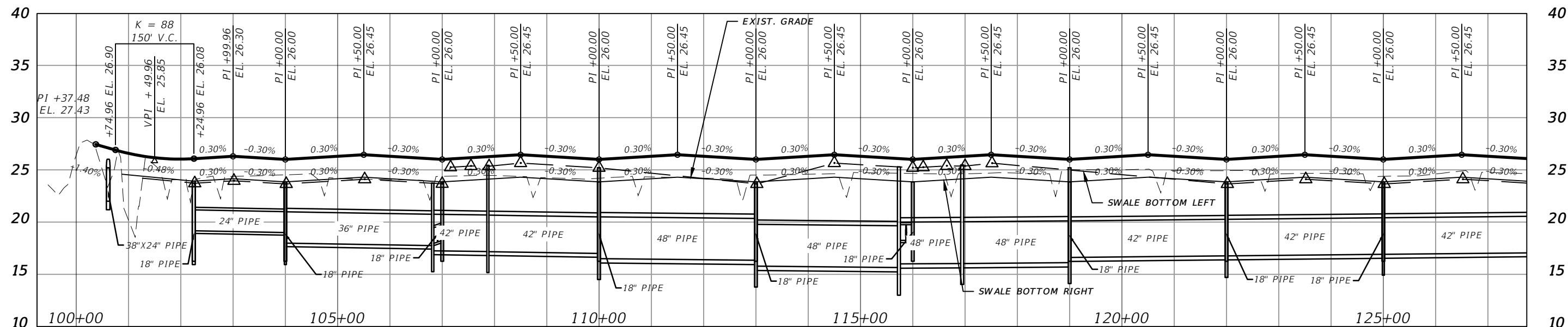
TYPICAL SECTION
RANGELINE ROAD

CITY OF PSL PROJECT NO. P22-169
PSLUSD PROJECT NO. 9-0915-G

REVISIONS				MACKENZIE ENGINEERING & PLANNING, INC. 1172 SW 30TH STREET, SUITE 500, PALM CITY, FLORIDA, 34990 C.A. 29013 SHAUN G. MACKENZIE P.E. P.E. NO. 61751	CITY OF PORT ST. LUCIE 121 SW PORT ST. LUCIE BLVD PORT ST. LUCIE BLVD, FL 34984		SHEET NO. 7
DATE	DESCRIPTION	DATE	DESCRIPTION		COUNTY	ROAD NO.	
8-29-22	REVISED PER CITY OF PSL				CROSSTOWN PARKWAY SEGMENT 2B		

TYPICAL SECTION

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



ELEVATION DATUM
THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

CITY OF PSL PROJECT NO. P22-169
PSLUSD PROJECT NO. 9-0915-G

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
8-29-22	REVISED PER CITY OF PSL		

MACKENZIE ENGINEERING & PLANNING, INC.
1172 SW 30TH STREET, SUITE 500,
PALM CITY, FLORIDA, 34990
C.A. 29013
SHAUN G. MACKENZIE P.E.
P.E. NO. 61751

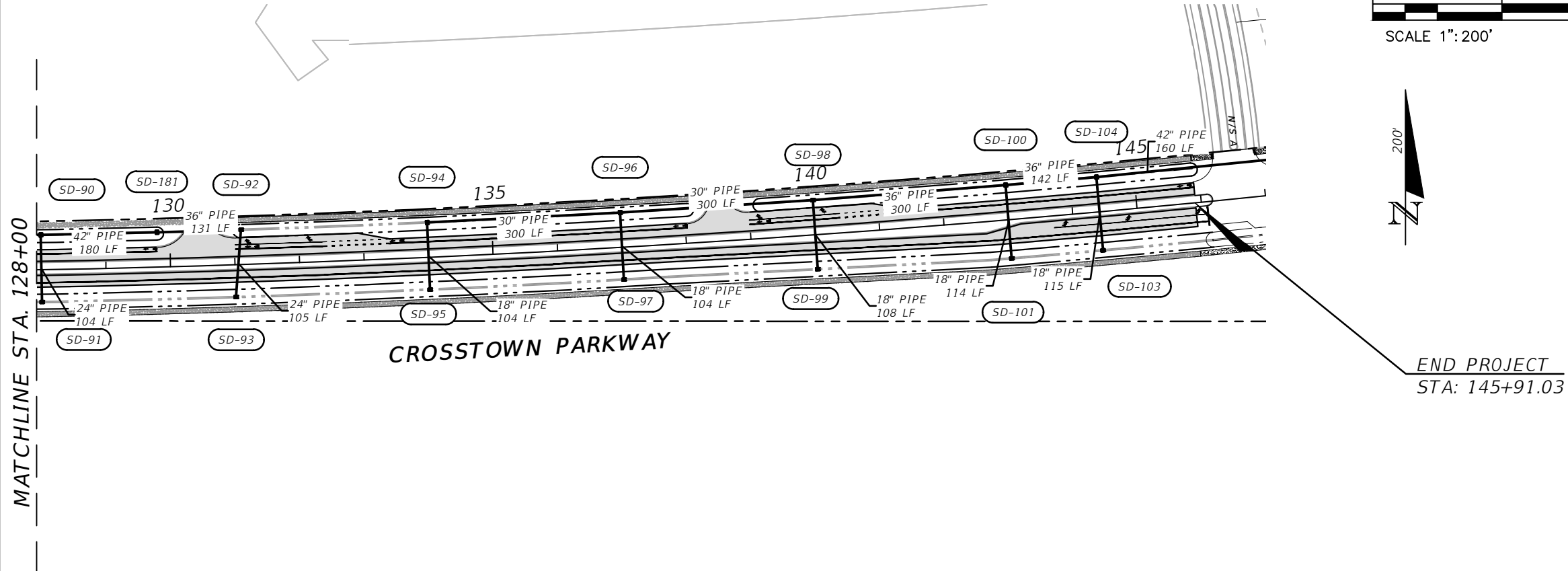
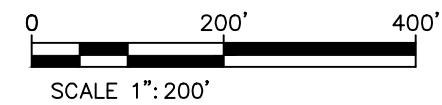
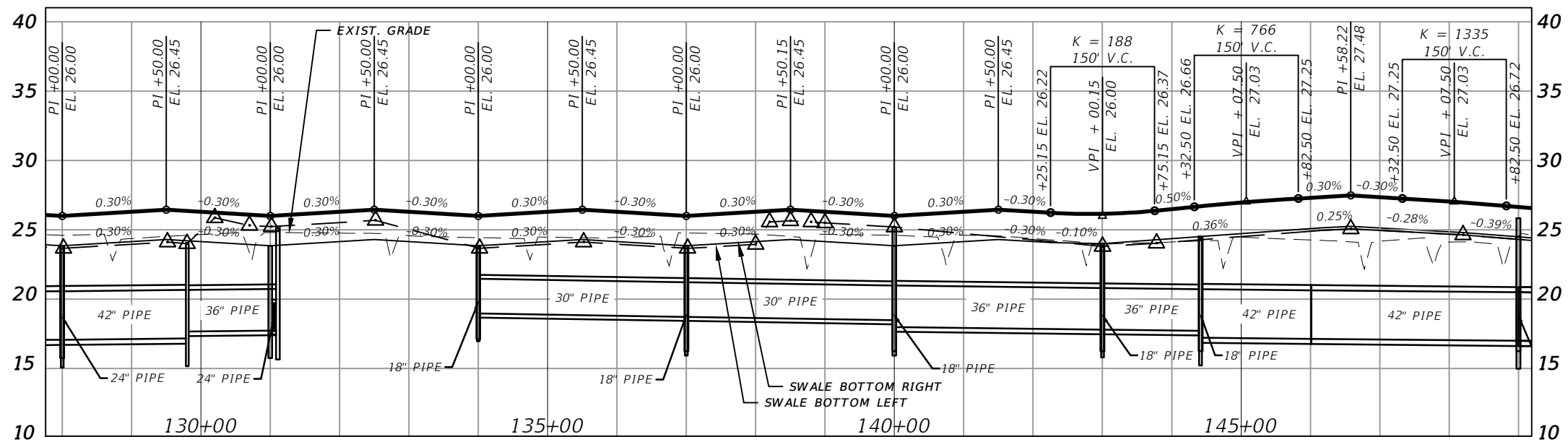
CITY OF PORT ST. LUCIE
121 SW PORT ST. LUCIE BLVD
PORT ST. LUCIE BLVD, FL 34984

COUNTY	ROAD NO.
ST. LUCIE COUNTY	CROSSTOWN PARKWAY SEGMENT 2B

DRAINAGE MAP

SHEET NO.
8

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



ELEVATION DATUM
THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

CITY OF PSL PROJECT NO. P22-169
PSLUSD PROJECT NO. 9-0915-F

REVISIONS	
DESCRIPTION	DATE
8-29-22 REVISED PER CITY OF PSL	

MACKENZIE ENGINEERING & PLANNING, INC.
1172 SW 30TH STREET, SUITE 500,
PALM CITY, FLORIDA, 34990
C.A. 29013
SHAUN G. MACKENZIE P.E.
P.E. NO. 61751

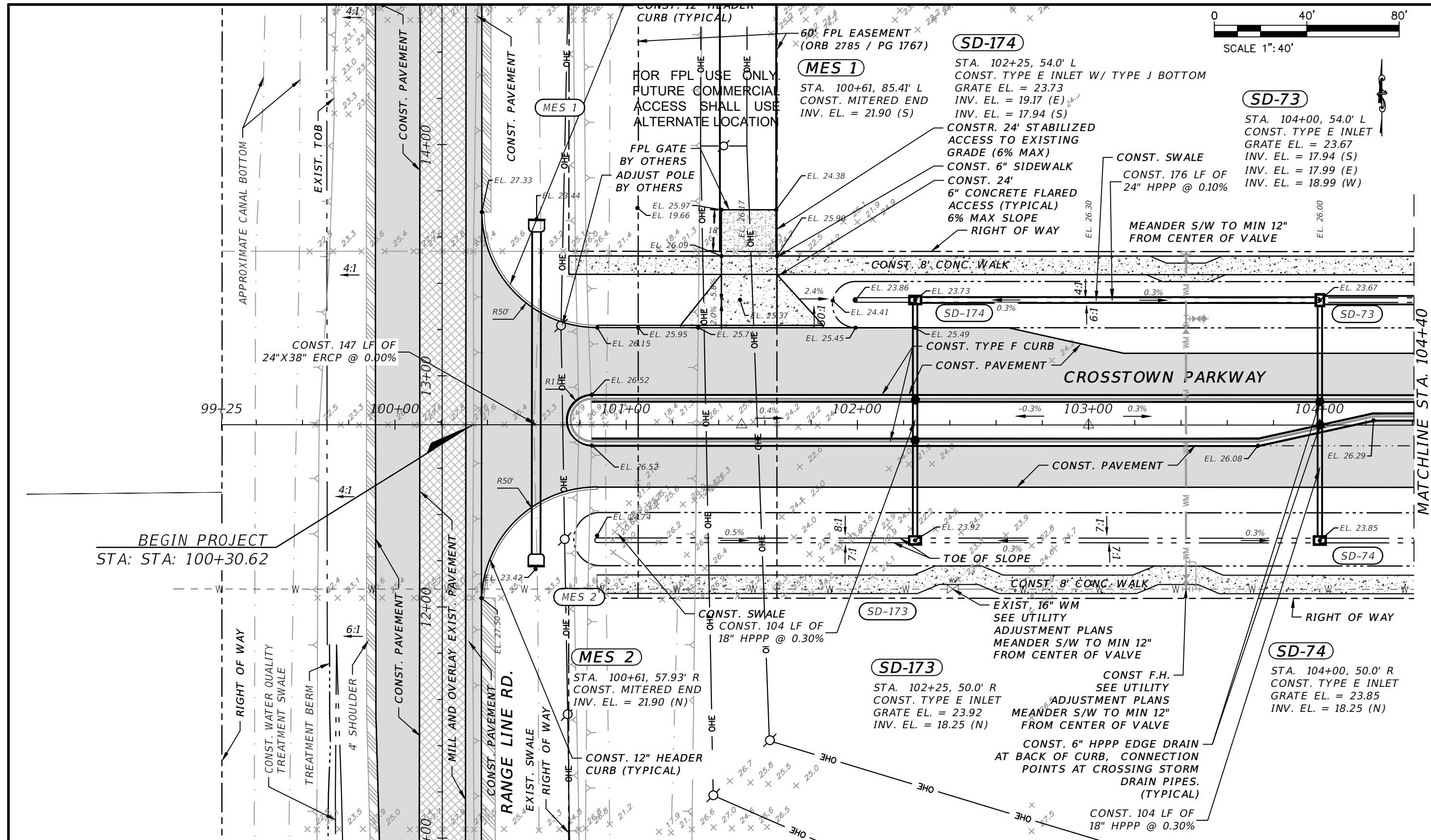
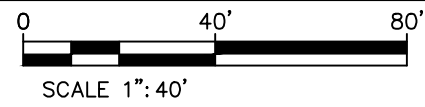
CITY OF PORT ST. LUCIE
121 SW PORT ST. LUCIE BLVD
PORT ST. LUCIE BLVD, FL 34984

COUNTY	ROAD NO.
ST. LUCIE COUNTY	CROSTOWN PARKWAY SEGMENT 2B

DRAINAGE MAP

SHEET NO.
9

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



BEGIN PROJECT
STA: STA: 100+30.62

ELEVATION DATUM
THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
8-29-22	REVISED PER CITY OF PSL		

MACKENZIE ENGINEERING & PLANNING, INC.
1172 SW 30TH STREET, SUITE 500,
PALM CITY, FLORIDA, 34990
C.A. 29013
SHAUN G. MACKENZIE P.E.
P.E. NO. 61751

CITY OF PORT ST. LUCIE
121 SW PORT ST. LUCIE BLVD
PORT ST. LUCIE, FL 34984

COUNTY	ROAD NO.
ST. LUCIE COUNTY	CROSSTOWN PARKWAY SEGMENT 2B

CITY OF PSL PROJECT NO. P22-169
PSLUSD PROJECT NO. 9-0915-G

PLAN

SHEET NO.
10

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

SD-75

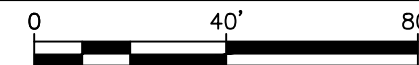
STA. 106+82, 54.0' L
CONST. TYPE E INLET W/ TYPE J BOTTOM
GRATE EL. = 23.73
INV. EL. = 17.93 (S)
INV. EL. = 17.76 (W)
INV. EL. = 17.26 (E)

SD-102

STA. 107+87, 54.0' L
CONST. TYPE E INLET W/ TYPE J BOTTOM
GRATE EL. = 25.44
INV. EL. = 17.18 (W)
INV. EL. = 17.18 (E)

SD-77

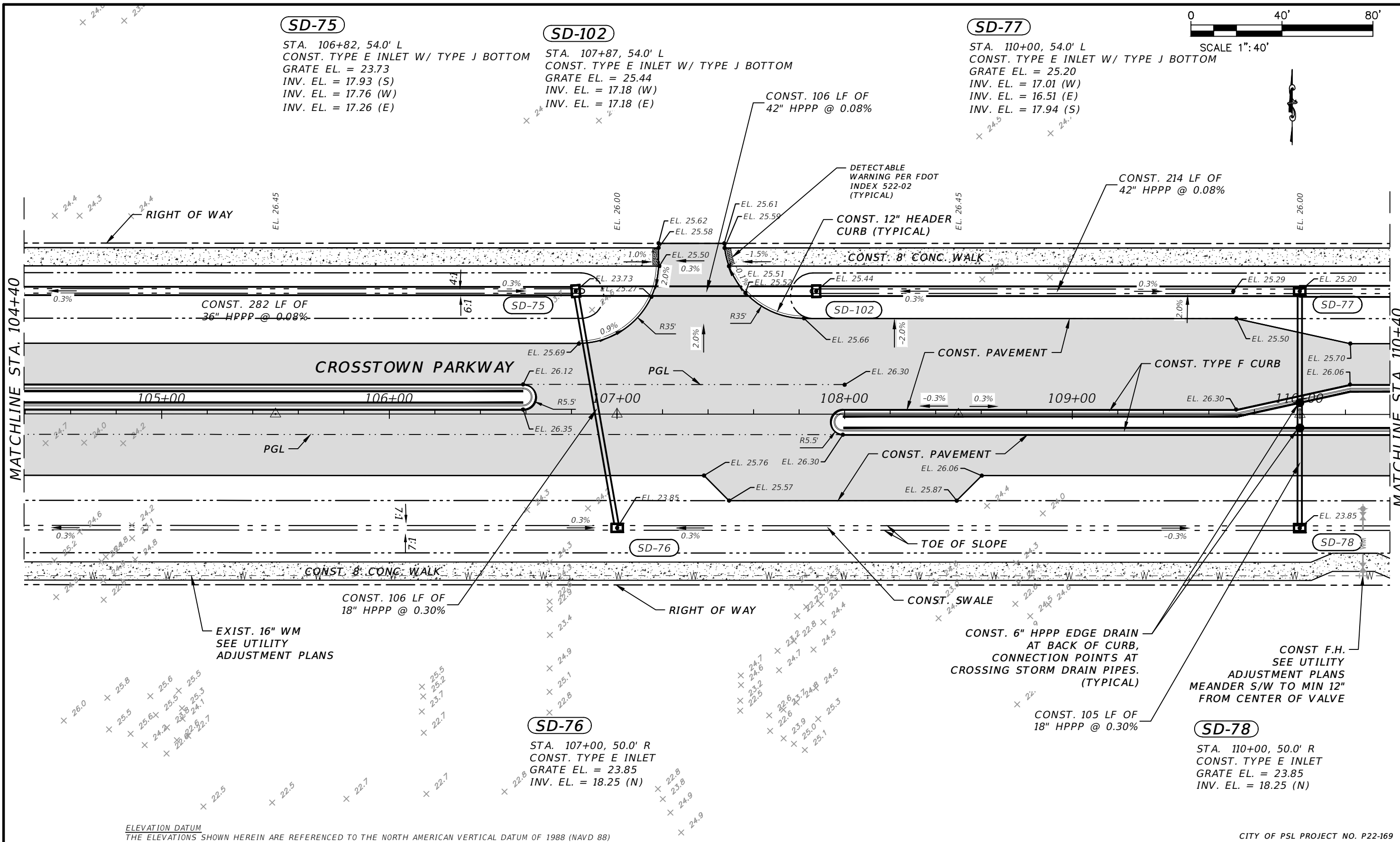
STA. 110+00, 54.0' L
CONST. TYPE E INLET W/ TYPE J BOTTOM
GRATE EL. = 25.20
INV. EL. = 17.01 (W)
INV. EL. = 16.51 (E)
INV. EL. = 17.94 (S)



SCALE 1"=40'

MATCHLINE STA. 104+40

MATCHLINE STA. 110+40



ELEVATION DATUM
THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

CONST. F.H.
ADJUSTMENT PLANS
MEANDER S/W TO MIN 12"
FROM CENTER OF VALVE

SD-78

STA. 110+00, 50.0' R
CONST. TYPE E INLET
GRATE EL. = 23.85
INV. EL. = 18.25 (N)

SD-76

STA. 107+00, 50.0' R
CONST. TYPE E INLET
GRATE EL. = 23.85
INV. EL. = 18.25 (N)

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION
8-29-22	REVISED PER CITY OF PSL		

MACKENZIE ENGINEERING & PLANNING, INC.
1172 SW 30TH STREET, SUITE 500,
PALM CITY, FLORIDA, 34990
C.A. 29013
SHAUN G. MACKENZIE P.E.
P.E. NO. 61751

CITY OF PORT ST. LUCIE
121 SW PORT ST. LUCIE BLVD
PORT ST. LUCIE BLVD, FL 34984

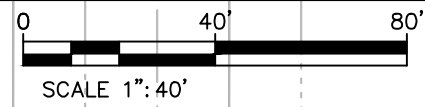
COUNTY ROAD NO.
ST. LUCIE COUNTY CROSSTOWN PARKWAY
SEGMENT 2B

PLAN

SHEET NO.

11

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



SD-79

STA. 113+00, 54.0' L
 CONST. TYPE E INLET W/ TYPE J BOTTOM
 GRATE EL. = 23.67
 INV. EL. = 17.94 (S)
 INV. EL. = 15.79 (E)
 INV. EL. = 16.36 (W)

MES 3

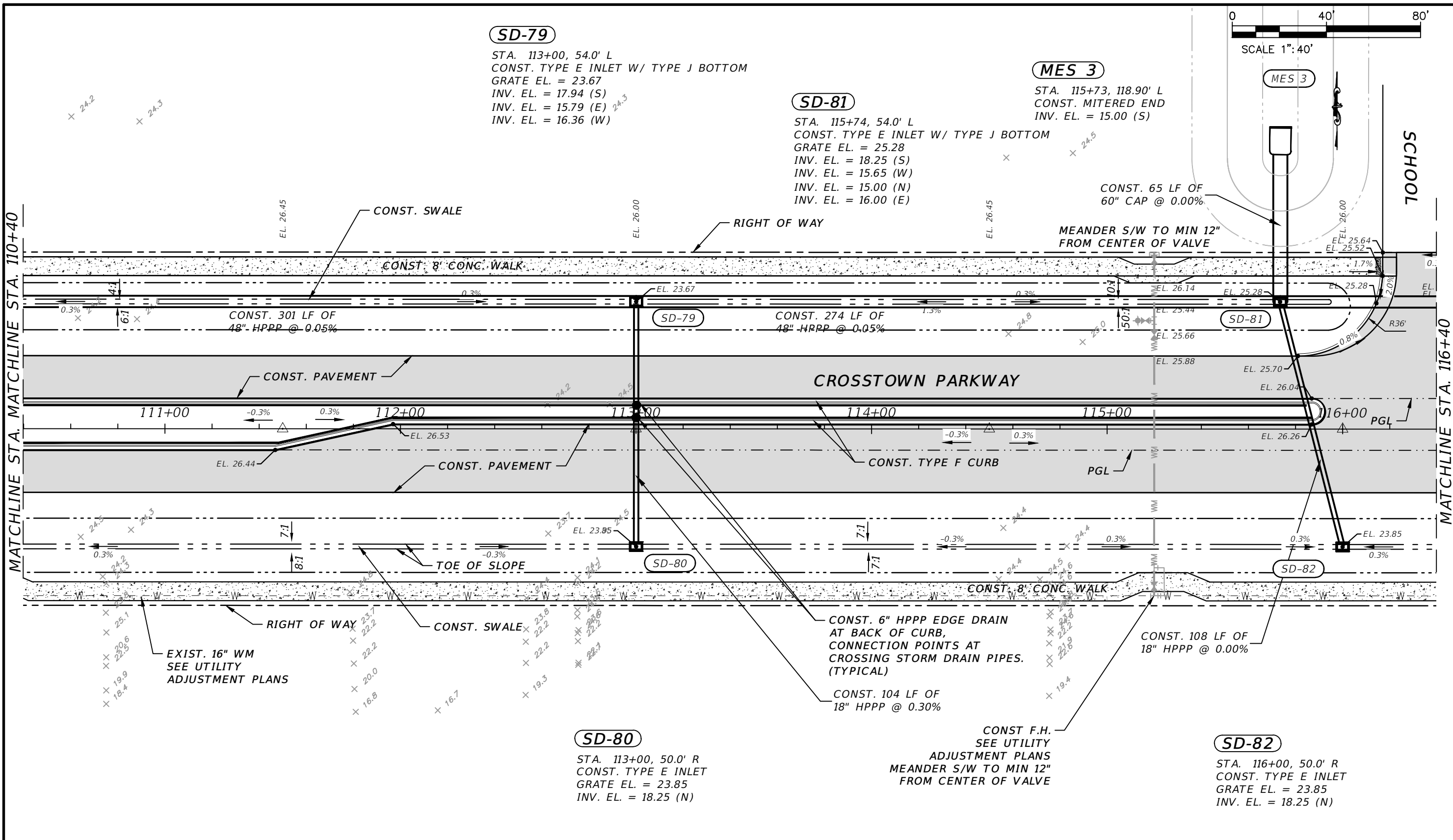
STA. 115+73, 118.90' L
 CONST. MITERED END
 INV. EL. = 15.00 (S)

SD-81

STA. 115+74, 54.0' L
 CONST. TYPE E INLET W/ TYPE J BOTTOM
 GRATE EL. = 25.28
 INV. EL. = 18.25 (S)
 INV. EL. = 15.65 (W)
 INV. EL. = 15.00 (N)
 INV. EL. = 16.00 (E)

MATCHLINE STA. 110+40

MATCHLINE STA. 116+40



ELEVATION DATUM
 THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

CITY OF PSL PROJECT NO. P22-169
 PSLUSD PROJECT NO. 9-0915-G

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
8-29-22	REVISED PER CITY OF PSL		

MACKENZIE ENGINEERING & PLANNING, INC.
 1172 SW 30TH STREET, SUITE 500,
 PALM CITY, FLORIDA, 34990
 C.A. 29013
 SHAUN G. MACKENZIE P.E.
 P.E. NO. 61751

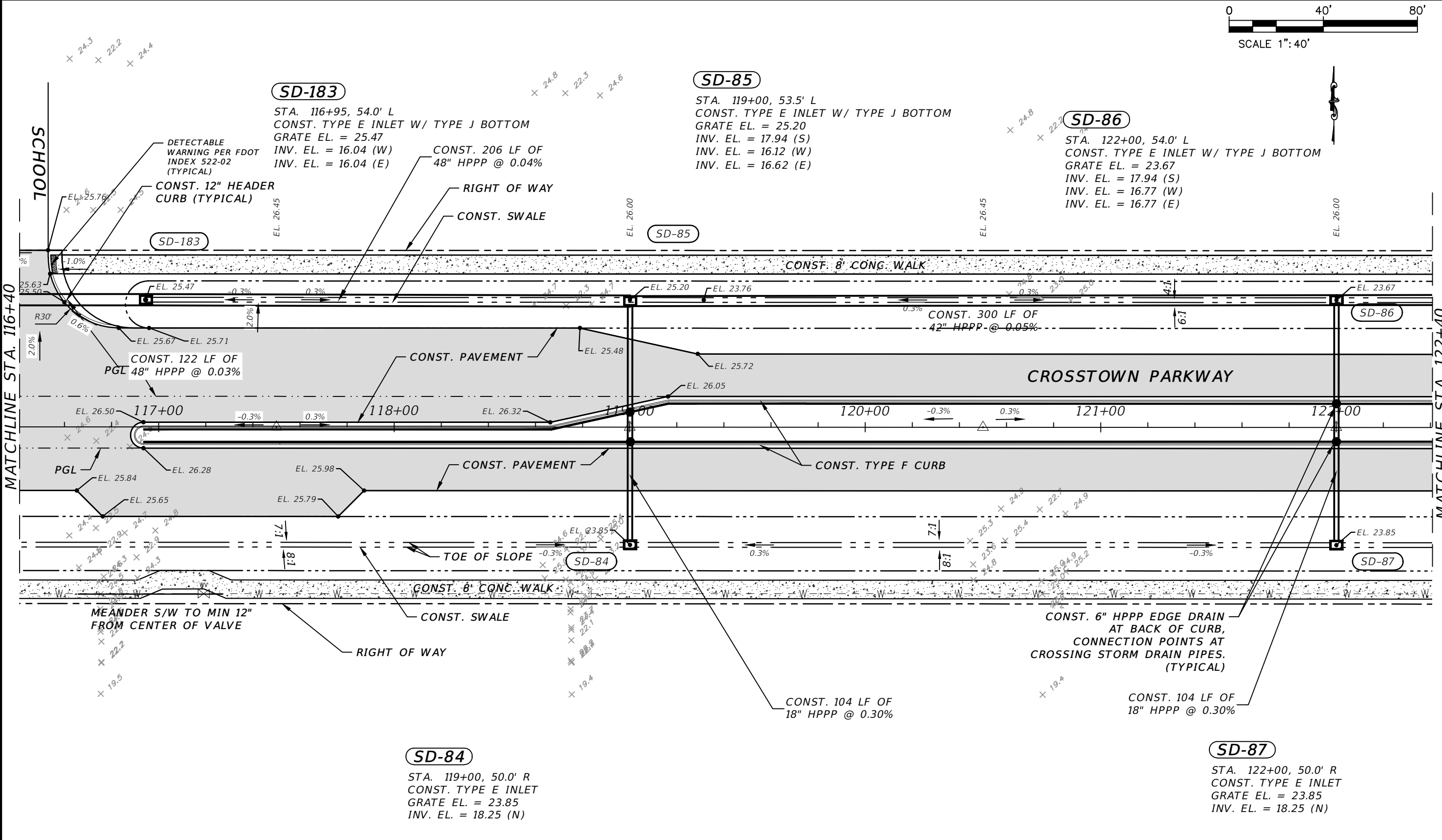
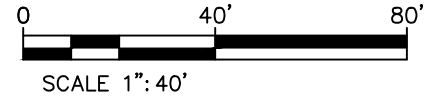
CITY OF PORT ST. LUCIE
 121 SW PORT ST. LUCIE BLVD
 PORT ST. LUCIE BLVD, FL 34984

COUNTY	ROAD NO.
ST. LUCIE COUNTY	CROSSTOWN PARKWAY SEGMENT 2B

PLAN

SHEET NO.
 12

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



ELEVATION DATUM
THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

CITY OF PSL PROJECT NO. P22-169
PSLUSD PROJECT NO. 9-0915-G

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
8-29-22	REVISED PER CITY OF PSL		

MACKENZIE ENGINEERING & PLANNING, INC.
1172 SW 30TH STREET, SUITE 500,
PALM CITY, FLORIDA, 34990
C.A. 29013
SHAUN G. MACKENZIE P.E.
P.E. NO. 61751

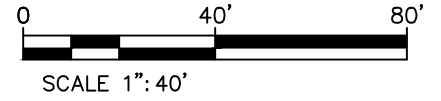
CITY OF PORT ST. LUCIE
121 SW PORT ST. LUCIE BLVD
PORT ST. LUCIE BLVD, FL 34984

COUNTY	ROAD NO.
ST. LUCIE COUNTY	CROSSTOWN PARKWAY SEGMENT 2B

PLAN

SHEET NO.
13

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



SD-88

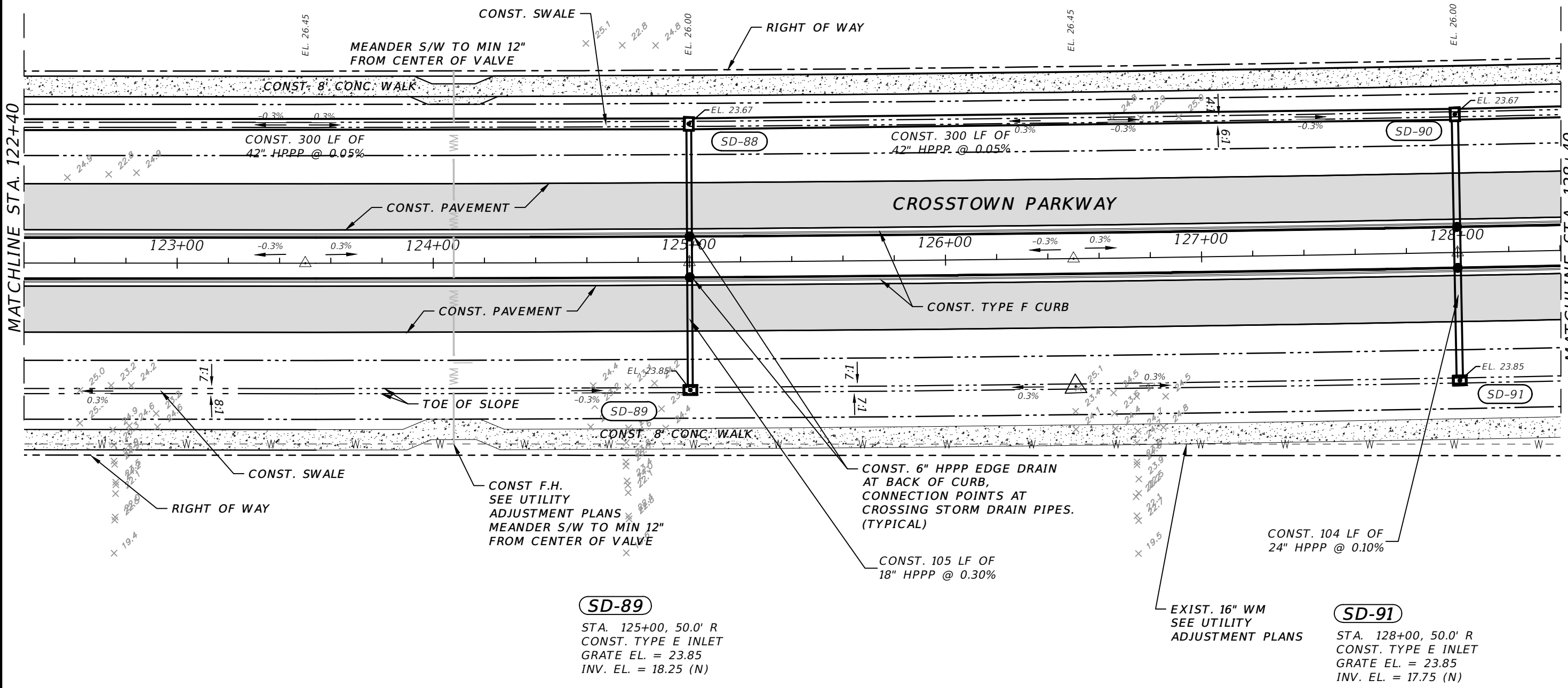
STA. 125+00, 54.0' L
 CONST. TYPE E INLET W/ TYPE J BOTTOM
 GRATE EL. = 23.67
 INV. EL. = 17.94 (S)
 INV. EL. = 16.92 (W)
 INV. EL. = 16.92 (E)

SD-90

STA. 128+00, 54.0' L
 CONST. TYPE E INLET W/ TYPE J BOTTOM
 GRATE EL. = 23.67
 INV. EL. = 17.65 (S)
 INV. EL. = 17.07 (W)
 INV. EL. = 17.07 (E)

MATCHLINE STA. 122+40

MATCHLINE STA. 128+40



SD-89

STA. 125+00, 50.0' R
 CONST. TYPE E INLET
 GRATE EL. = 23.85
 INV. EL. = 18.25 (N)

SD-91

STA. 128+00, 50.0' R
 CONST. TYPE E INLET
 GRATE EL. = 23.85
 INV. EL. = 17.75 (N)

ELEVATION DATUM
 THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
8-29-22	REVISED PER CITY OF PSL		

MACKENZIE ENGINEERING & PLANNING, INC.
 1172 SW 30TH STREET, SUITE 500,
 PALM CITY, FLORIDA, 34990
 C.A. 29013
 SHAUN G. MACKENZIE P.E.
 P.E. NO. 61751

CITY OF PORT ST. LUCIE
 121 SW PORT ST. LUCIE BLVD
 PORT ST. LUCIE BLVD, FL 34984

COUNTY	ROAD NO.
ST. LUCIE COUNTY	CROSSTOWN PARKWAY SEGMENT 2B

PLAN

CITY OF PSL PROJECT NO. P22-169
 PSLUSD PROJECT NO. 9-0915-G

SHEET NO.
14

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

SD-181

STA. 129+80, 54.0' L
CONST. TYPE E INLET W/ TYPE J BOTTOM
GRATE EL. = 24.03
INV. EL. = 17.16 (W)
INV. EL. = 17.66 (E)

SD-94

STA. 134+00, 54.0' L
CONST. TYPE E INLET
GRATE EL. = 23.67
INV. EL. = 18.96 (S)
INV. EL. = 18.96 (E)

SD-92

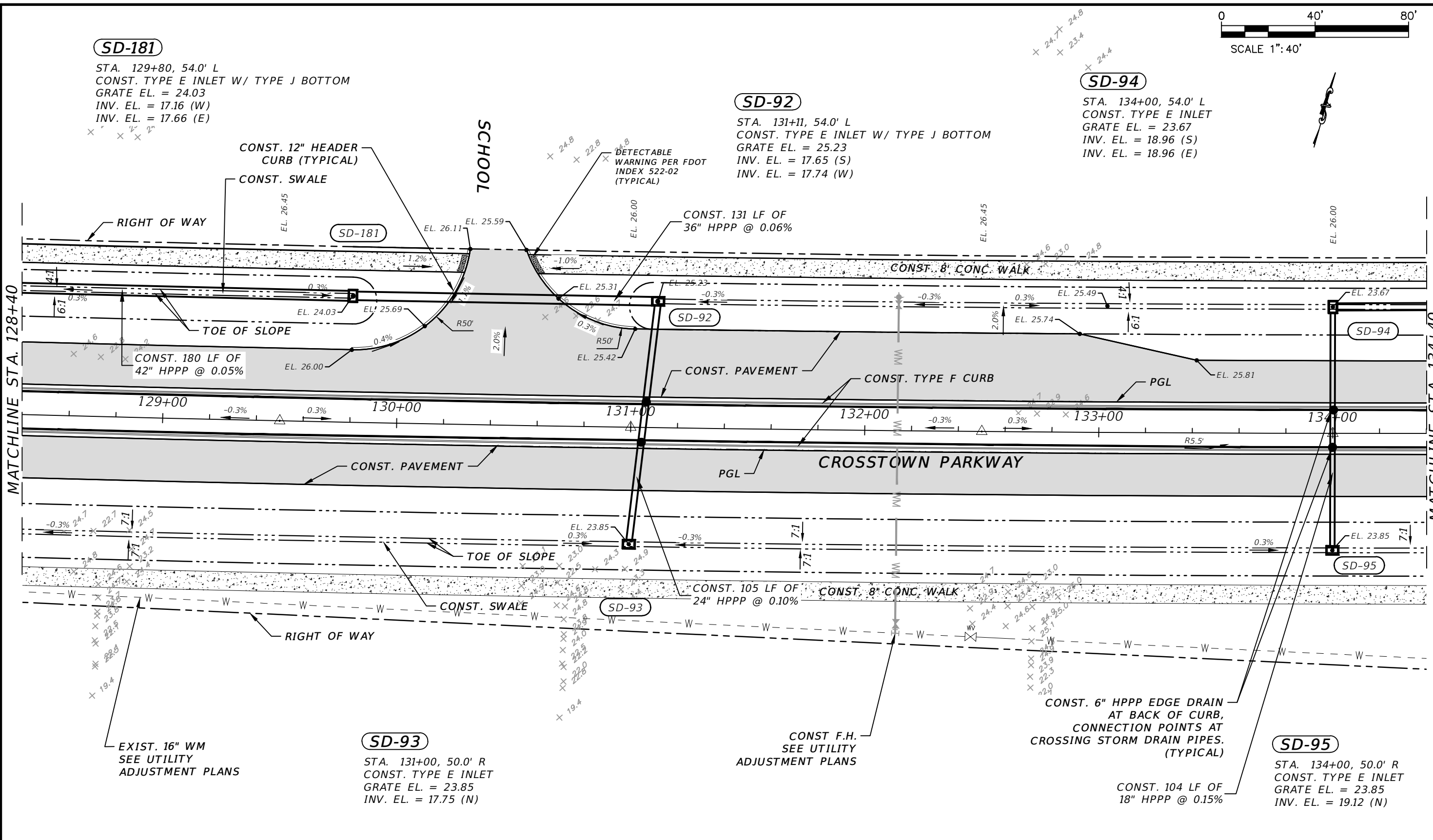
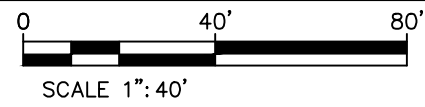
STA. 131+11, 54.0' L
CONST. TYPE E INLET W/ TYPE J BOTTOM
GRATE EL. = 25.23
INV. EL. = 17.65 (S)
INV. EL. = 17.74 (W)

SD-93

STA. 131+00, 50.0' R
CONST. TYPE E INLET
GRATE EL. = 23.85
INV. EL. = 17.75 (N)

SD-95

STA. 134+00, 50.0' R
CONST. TYPE E INLET
GRATE EL. = 23.85
INV. EL. = 19.12 (N)



ELEVATION DATUM
THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

CITY OF PSL PROJECT NO. P22-169
PSLUSD PROJECT NO. 9-0915-G

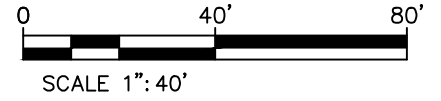
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
8-29-22	REVISED PER CITY OF PSL		

MACKENZIE ENGINEERING & PLANNING, INC.
1172 SW 30TH STREET, SUITE 500,
PALM CITY, FLORIDA, 34990
C.A. 29013
SHAUN G. MACKENZIE P.E.
P.E. NO. 61751

CITY OF PORT ST. LUCIE
121 SW PORT ST. LUCIE BLVD
PORT ST. LUCIE BLVD, FL 34984
COUNTY ROAD NO.
ST. LUCIE COUNTY CROSSTOWN PARKWAY
SEGMENT 2B

PLAN
SHEET NO. 15

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



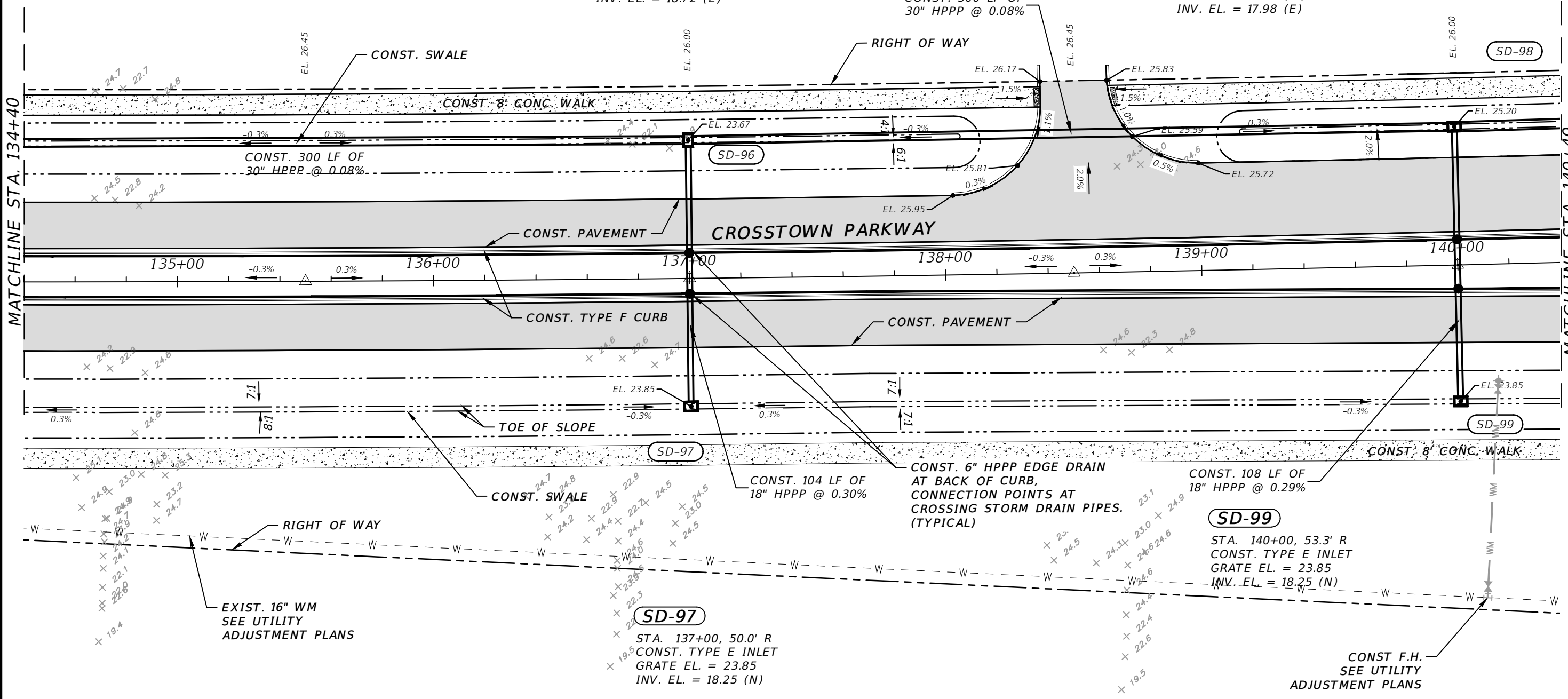
+ 25.2
+ 24.0
+ 22.9
+ 24.8

SD-96
 STA. 137+00, 54.0' L
 CONST. TYPE E INLET
 GRATE EL. = 23.67
 INV. EL. = 17.94 (S)
 INV. EL. = 18.72 (W)
 INV. EL. = 18.72 (E)

SD-98
 STA. 140+00, 54.0' L
 CONST. TYPE E INLET W/ TYPE J BOTTOM
 GRATE EL. = 25.20
 INV. EL. = 17.94 (S)
 INV. EL. = 18.48 (W)
 INV. EL. = 17.98 (E)

MATCHLINE STA. 134+40

MATCHLINE STA. 140+40



ELEVATION DATUM
 THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

CITY OF PSL PROJECT NO. P22-169
 PSLUSD PROJECT NO. 9-0915-G

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
8-29-22	REVISED PER CITY OF PSL		

MACKENZIE ENGINEERING & PLANNING, INC.
 1172 SW 30TH STREET, SUITE 500,
 PALM CITY, FLORIDA, 34990
 C.A. 29013
 SHAUN G. MACKENZIE P.E.
 P.E. NO. 61751

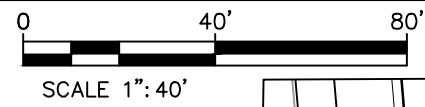
CITY OF PORT ST. LUCIE
 121 SW PORT ST. LUCIE BLVD
 PORT ST. LUCIE BLVD, FL 34984

COUNTY	ROAD NO.
ST. LUCIE COUNTY	CROSSTOWN PARKWAY SEGMENT 2B

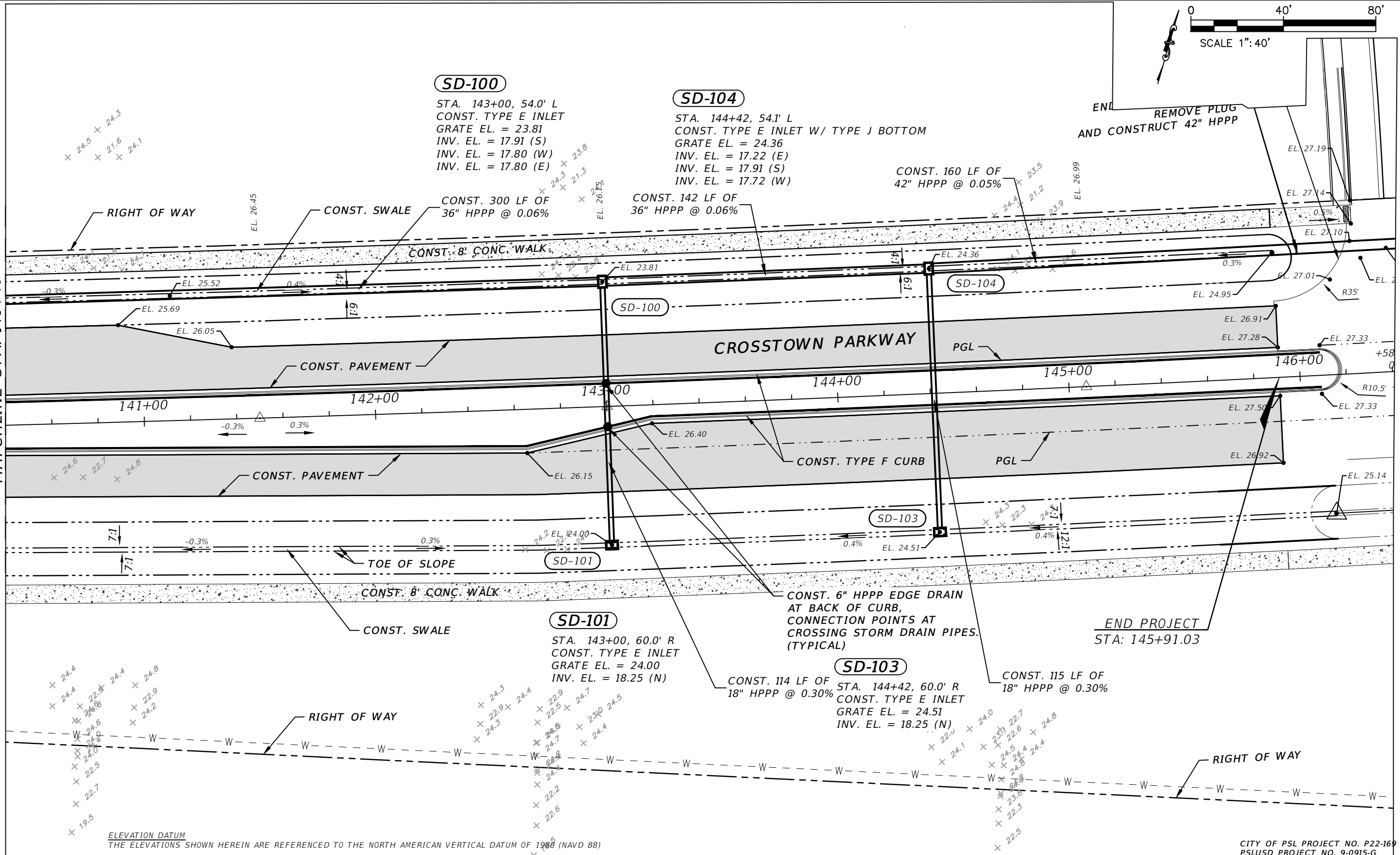
PLAN

SHEET NO.
 16

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



MATCHLINE STA. 140+40

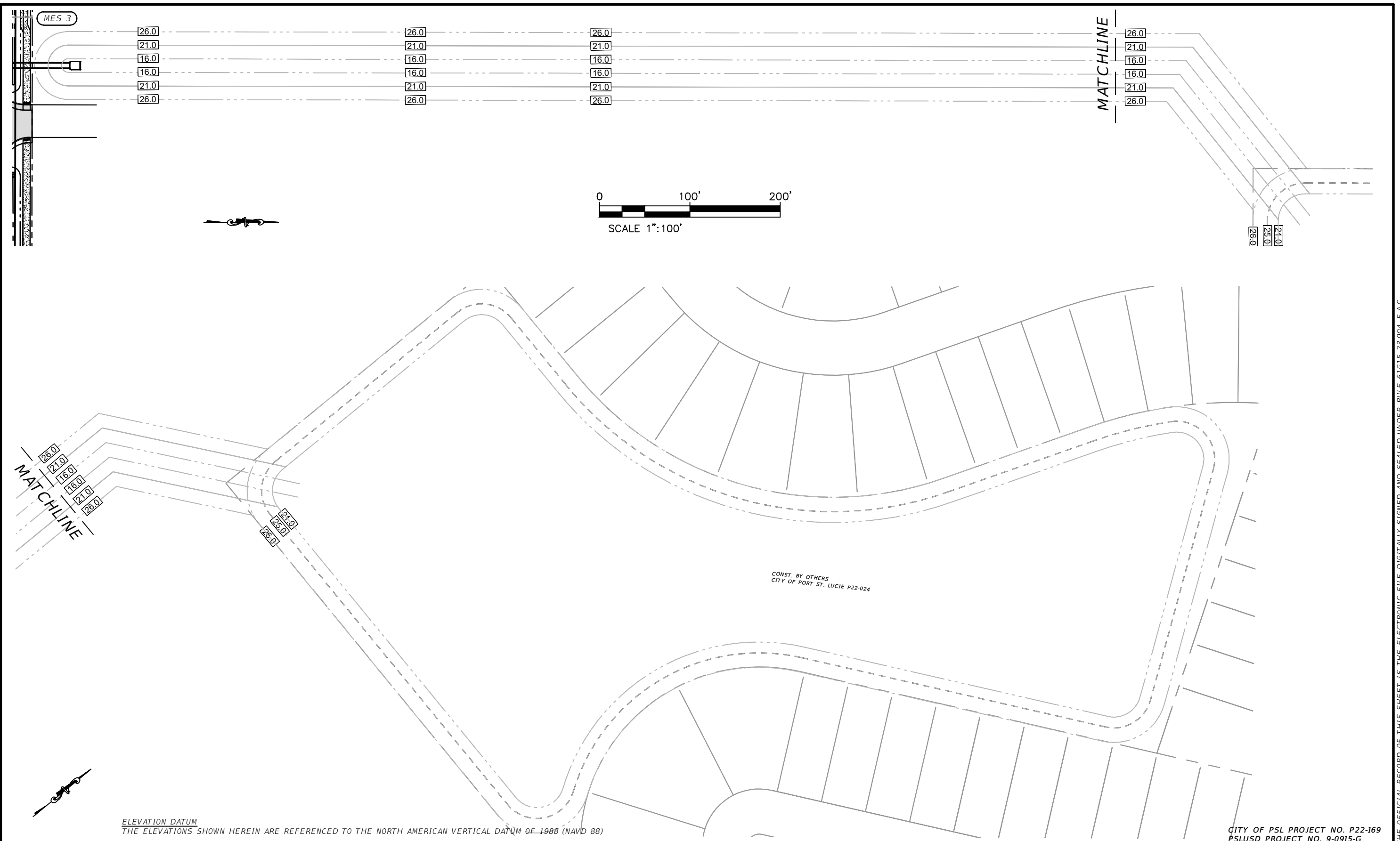


ELEVATION DATUM
THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

END PROJECT
STA: 145+91.03

REVISIONS		REVISIONS		MACKENZIE ENGINEERING & PLANNING, INC. 1172 SW 30TH STREET, SUITE 500, PALM CITY, FLORIDA, 34990 C.A. 29013 SHAUN G. MACKENZIE P.E. P.E. NO. 61751	CITY OF PORT ST. LUCIE 121 SW PORT ST. LUCIE BLVD PORT ST. LUCIE BLVD, FL 34984		PLAN	SHEET NO. 17
DATE	DESCRIPTION	DATE	DESCRIPTION		COUNTY	ROAD NO.		
8-29-22	REVISED PER CITY OF PSL			ST. LUCIE COUNTY	CROSSTOWN PARKWAY SEGMENT 2B			

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

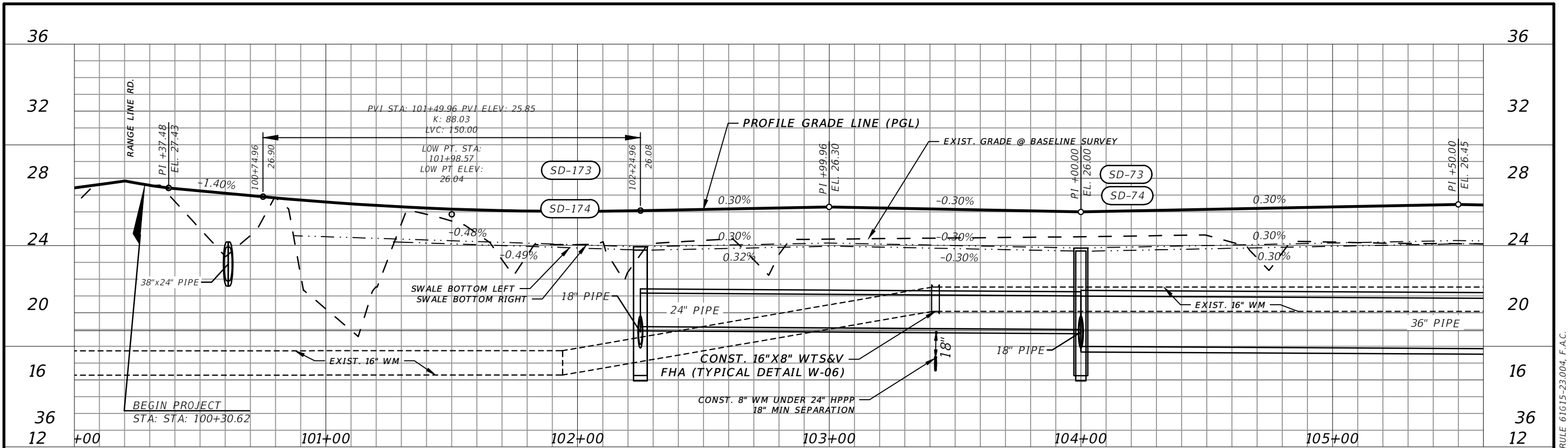


ELEVATION DATUM
 THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

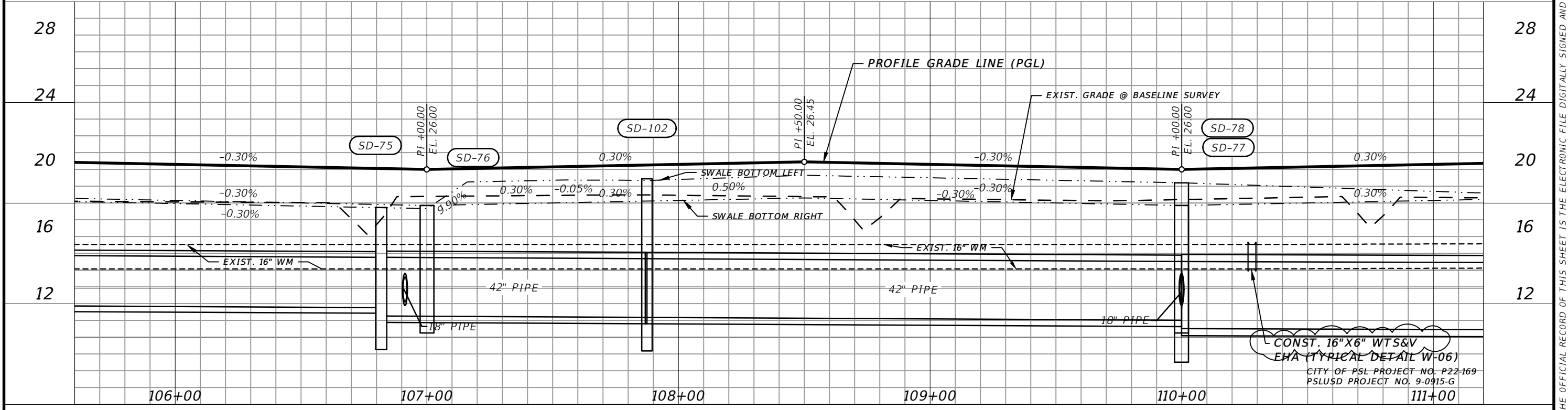
CITY OF PSL PROJECT NO. P22-169
 PSLUSD PROJECT NO. 9-0915-G

REVISIONS				MACKENZIE ENGINEERING & PLANNING, INC. 1172 SW 30TH STREET, SUITE 500, PALM CITY, FLORIDA, 34990 C.A. 29013 SHAUN G. MACKENZIE P.E. P.E. NO. 61751	CITY OF PORT ST. LUCIE 121 SW PORT ST. LUCIE BLVD PORT ST. LUCIE BLVD, FL 34984		PLAN	SHEET NO. 18
DATE	DESCRIPTION	DATE	DESCRIPTION		COUNTY	ROAD NO.		
8-29-22	REVISED PER CITY OF PSL			ST. LUCIE COUNTY	CROSSTOWN PARKWAY SEGMENT 2B			

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

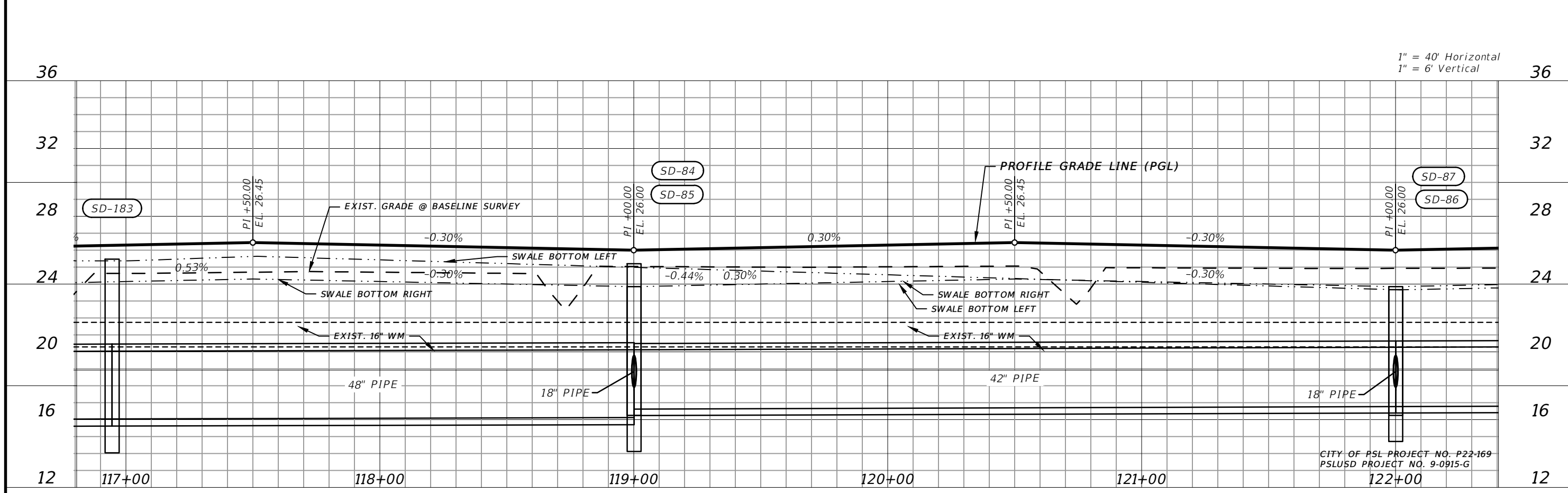
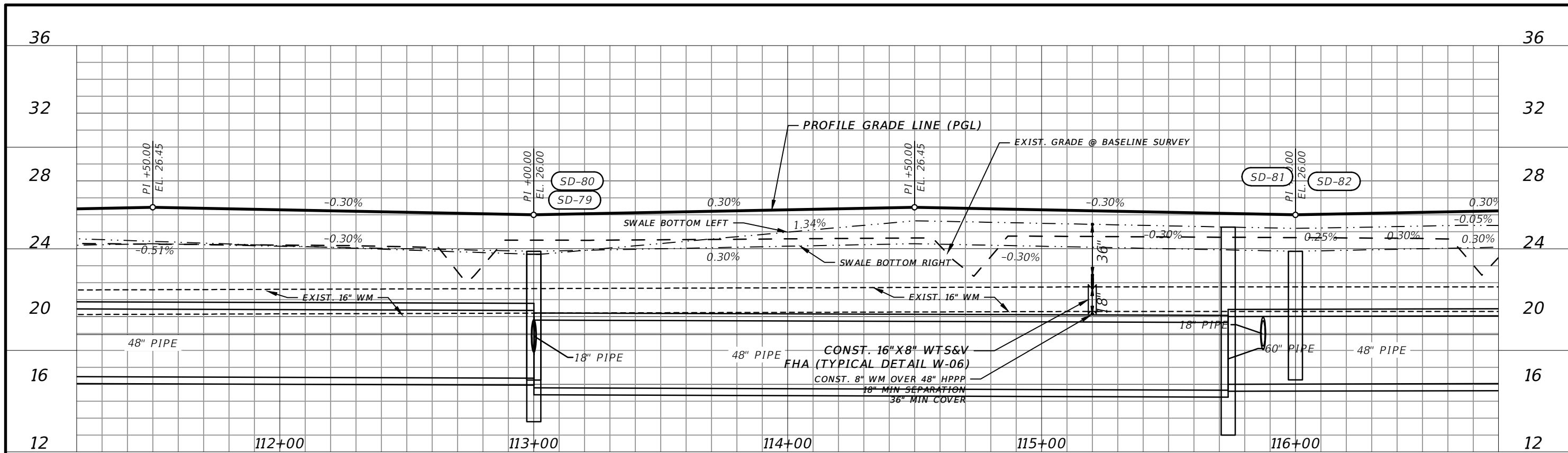


1" = 40' Horizontal
1" = 6' Vertical



REVISIONS				MACKENZIE ENGINEERING & PLANNING, INC. 1172 SW 30TH STREET, SUITE 500, PALM CITY, FLORIDA, 34990 C.A. 29013 SHAUN G. MACKENZIE P.E. P.E. NO. 61751	CITY OF PORT ST. LUCIE 121 SW PORT ST. LUCIE BLVD PORT ST. LUCIE, FL 34984		PROFILE	SHEET NO. 19
DATE	DESCRIPTION	DATE	DESCRIPTION		COUNTY	ROAD NO.		
8-29-22	REVISED PER CITY OF PSL				ST. LUCIE COUNTY	CROSSTOWN PARKWAY SEGMENT 2B		

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

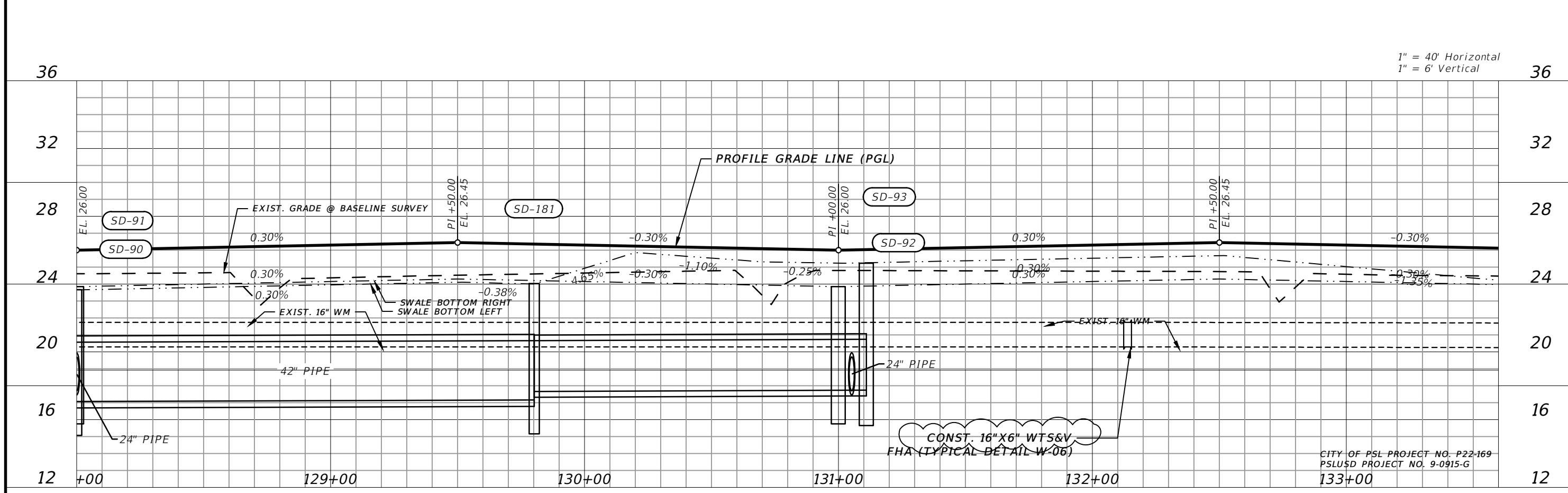
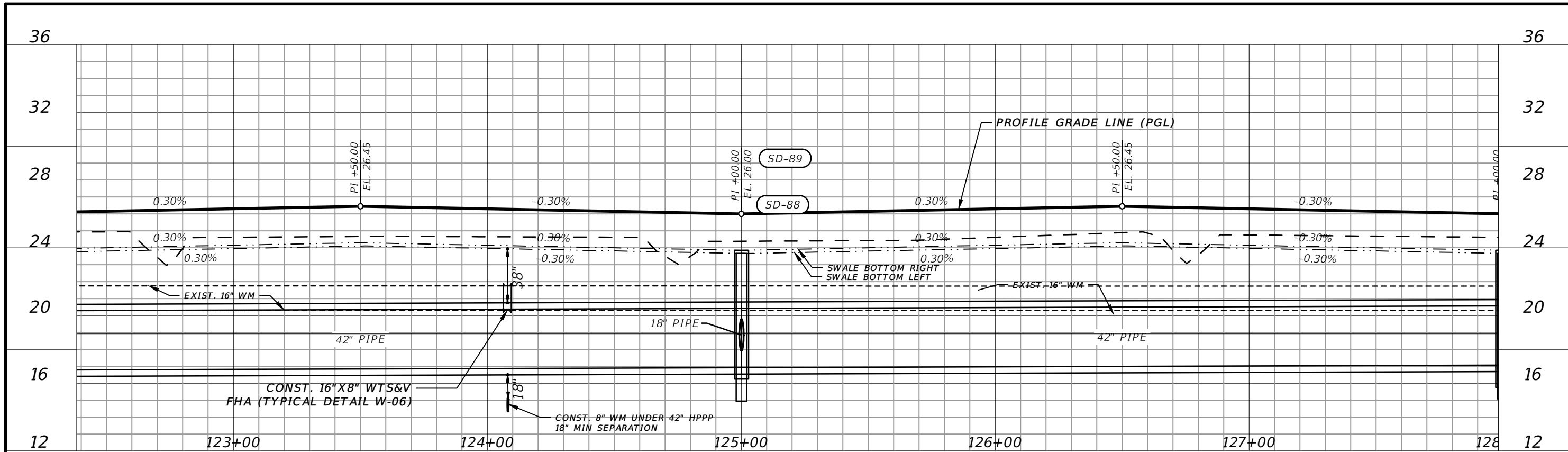


1" = 40' Horizontal
1" = 6' Vertical

CITY OF PSL PROJECT NO. P22-169
PSLUSD PROJECT NO. 9-0915-G

REVISIONS		REVISIONS		MACKENZIE ENGINEERING & PLANNING, INC. 1172 SW 30TH STREET, SUITE 500, PALM CITY, FLORIDA, 34990 C.A. 29013 SHAUN G. MACKENZIE P.E. P.E. NO. 61751	CITY OF PORT ST. LUCIE 121 SW PORT ST. LUCIE BLVD PORT ST. LUCIE BLVD, FL 34984		PROFILE	SHEET NO. 20
DATE	DESCRIPTION	DATE	DESCRIPTION		COUNTY	ROAD NO.		
8-29-22	REVISED PER CITY OF PSL			ST. LUCIE COUNTY	CROSSTOWN PARKWAY SEGMENT 2B			

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



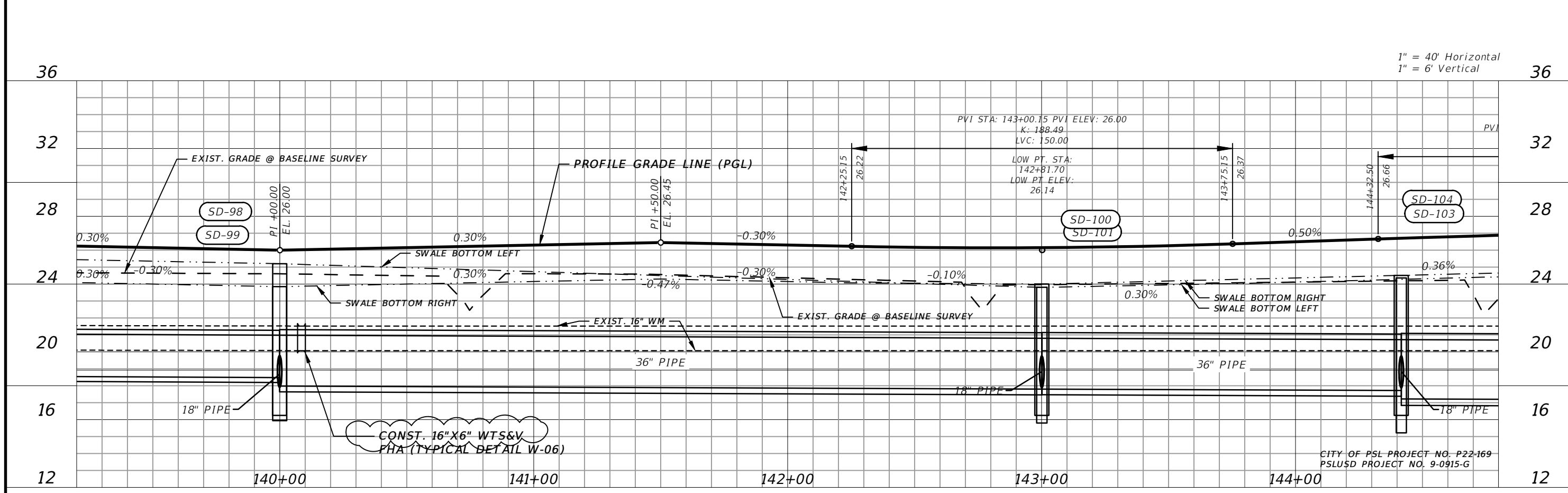
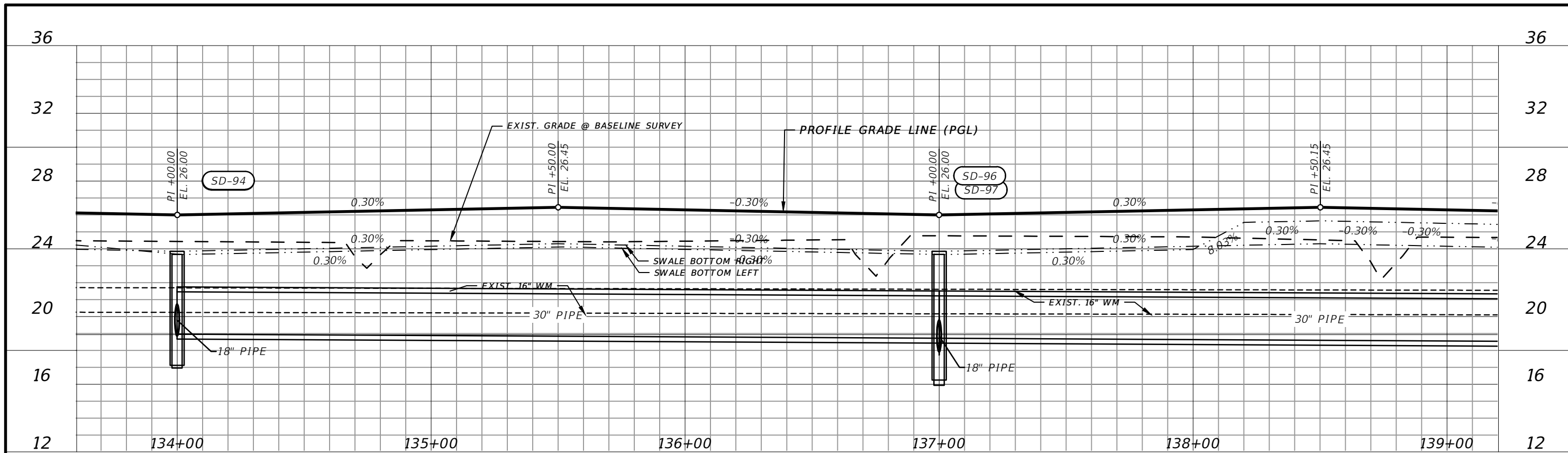
1" = 40' Horizontal
1" = 6' Vertical

CITY OF PSL PROJECT NO. P22-169
PSLUSD PROJECT NO. 9-0915-G

REVISIONS				MACKENZIE ENGINEERING & PLANNING, INC. 1172 SW 30TH STREET, SUITE 500, PALM CITY, FLORIDA, 34990 C.A. 29013 SHAUN G. MACKENZIE P.E. P.E. NO. 61751	CITY OF PORT ST. LUCIE 121 SW PORT ST. LUCIE BLVD PORT ST. LUCIE BLVD, FL 34984	COUNTY ST. LUCIE COUNTY	ROAD NO. CROSSTOWN PARKWAY SEGMENT 2B	SHEET NO. 21
DATE	DESCRIPTION	DATE	DESCRIPTION					
8-29-22	REVISED PER CITY OF PSL							

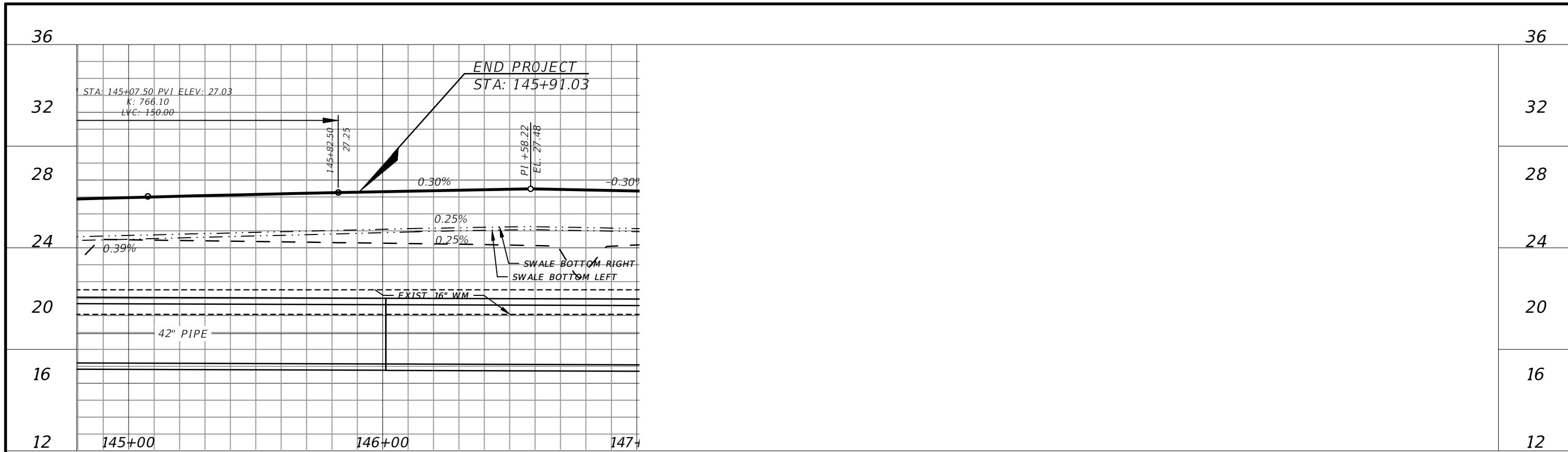
PROFILE

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



REVISIONS		MACKENZIE ENGINEERING & PLANNING, INC.		CITY OF PORT ST. LUCIE		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	COUNTY	ROAD NO.	
8-29-22	REVISED PER CITY OF PSL			ST. LUCIE COUNTY	CROSSTOWN PARKWAY SEGMENT 2B	22

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



1" = 40' Horizontal
1" = 6' Vertical

CITY OF PSL PROJECT NO. P22-169
PSLUSD PROJECT NO. 9-0915-G

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
8-29-22	REVISED PER CITY OF PSL		

MACKENZIE ENGINEERING & PLANNING, INC.
1172 SW 30TH STREET, SUITE 500,
PALM CITY, FLORIDA, 34990
C.A. 29013
SHAUN G. MACKENZIE P.E.
P.E. NO. 61751

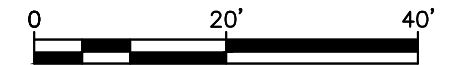
CITY OF PORT ST. LUCIE
121 SW PORT ST. LUCIE BLVD
PORT ST. LUCIE BLVD, FL 34984

COUNTY	ROAD NO.
ST. LUCIE COUNTY	CROSSTOWN PARKWAY SEGMENT 2B

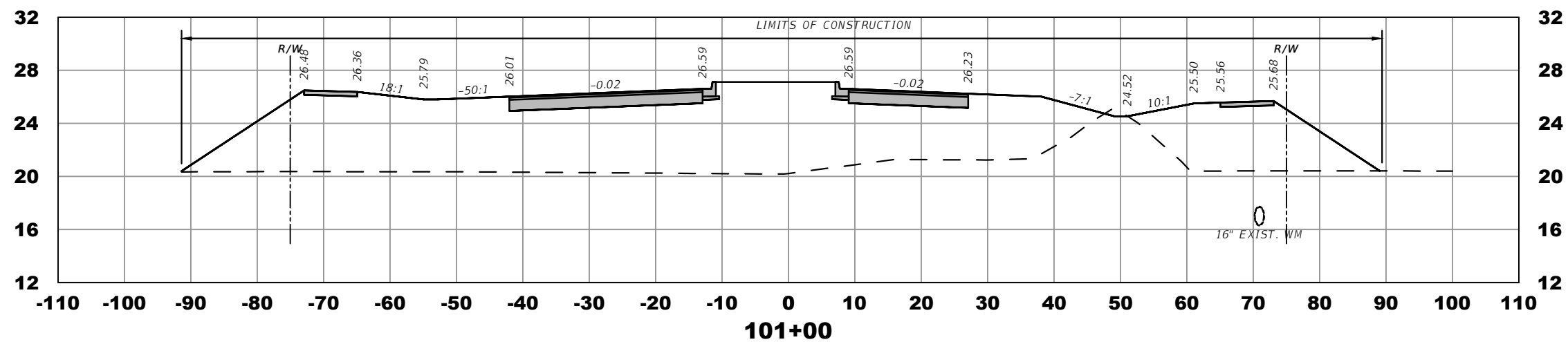
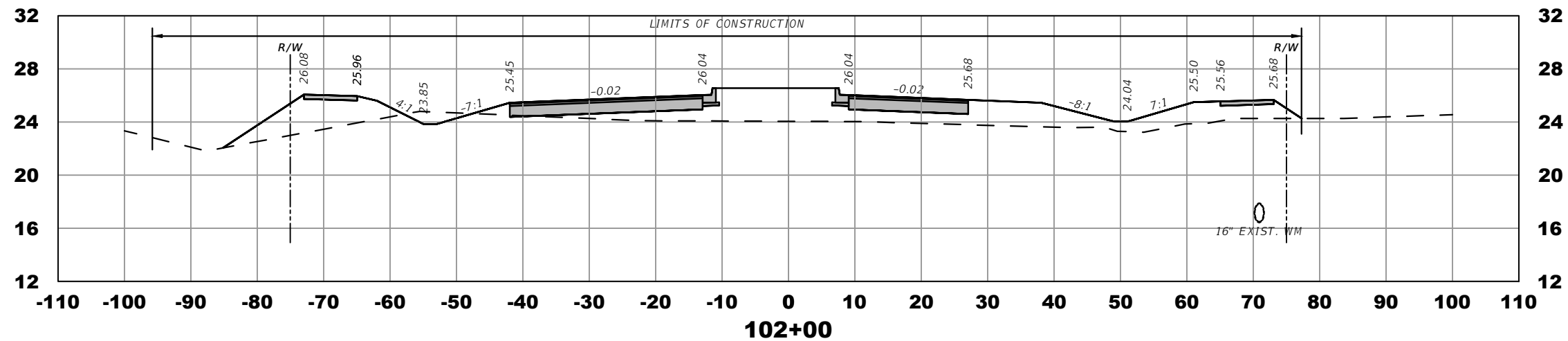
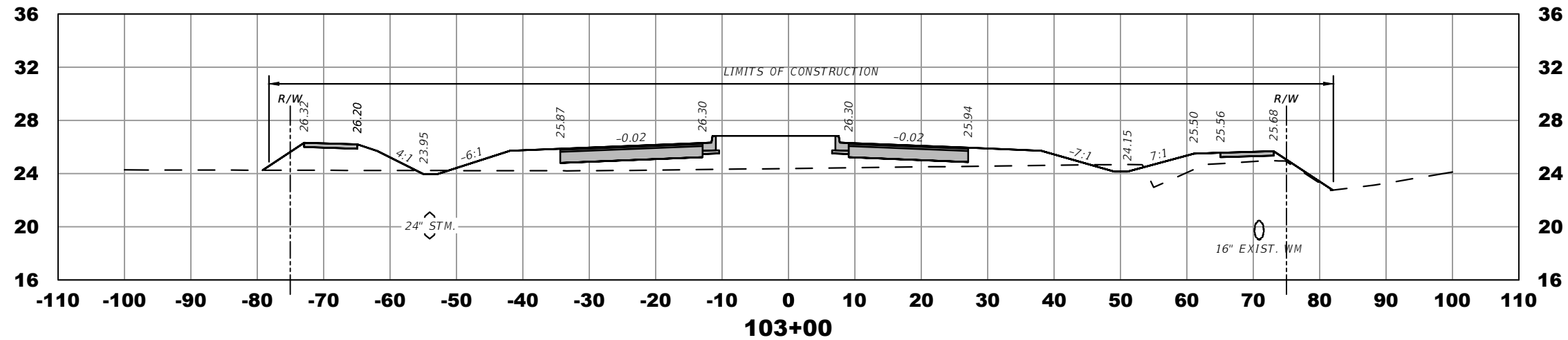
PROFILE

SHEET NO.
23

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



SCALE 1"=20'



ELEVATION DATUM
THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

CITY OF PSL PROJECT NO. P22-169
PSLUSD PROJECT NO. 9-0915-G

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
8-29-22	REVISED PER CITY OF PSL		

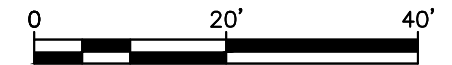
MACKENZIE ENGINEERING & PLANNING, INC.
1172 SW 30TH STREET, SUITE 500,
PALM CITY, FLORIDA, 34990
C.A. 29013
SHAUN G. MACKENZIE P.E.
P.E. NO. 61751

CITY OF PORT ST. LUCIE 121 SW PORT ST. LUCIE BLVD PORT ST. LUCIE BLVD, FL 34984	
COUNTY	ROAD NO.
ST. LUCIE COUNTY	CROSSTOWN PARKWAY SEGMENT 2B

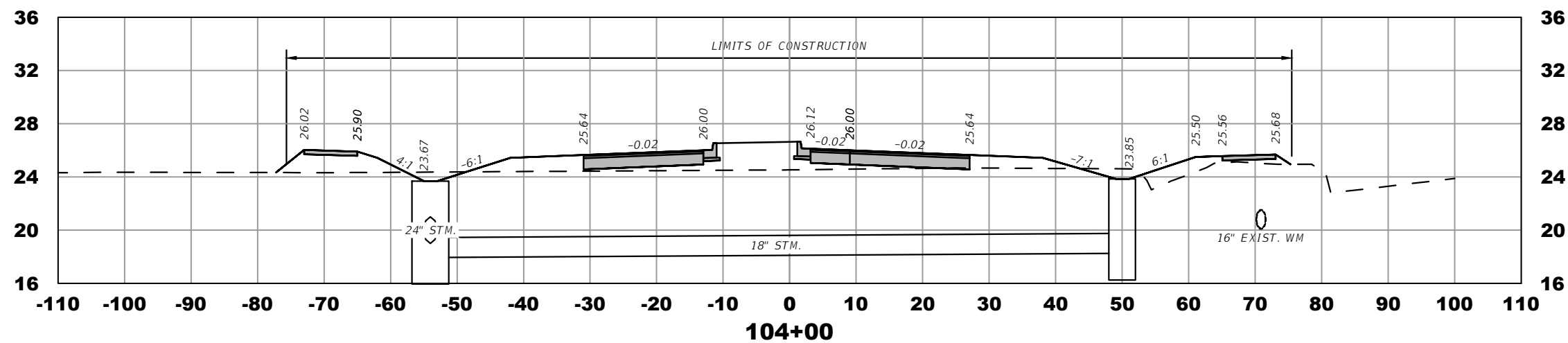
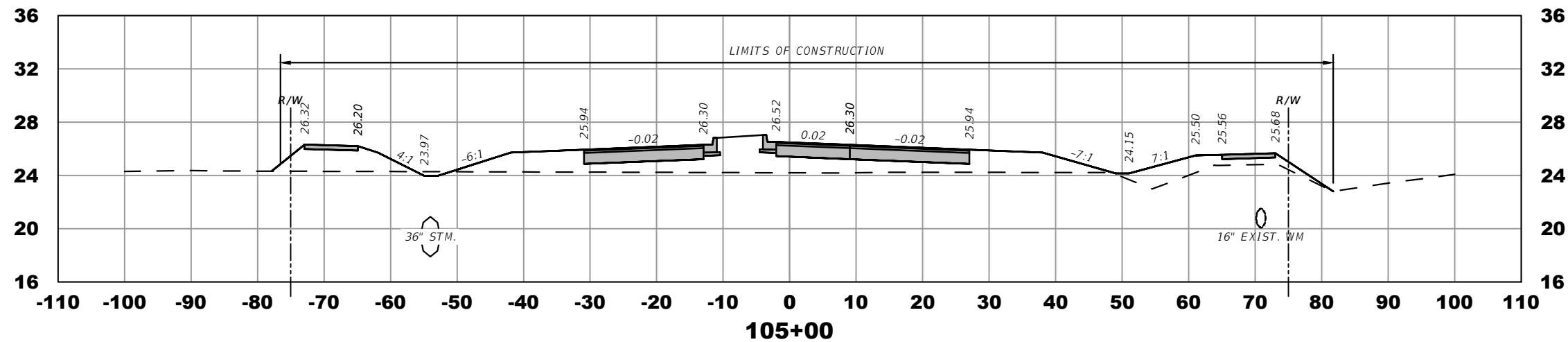
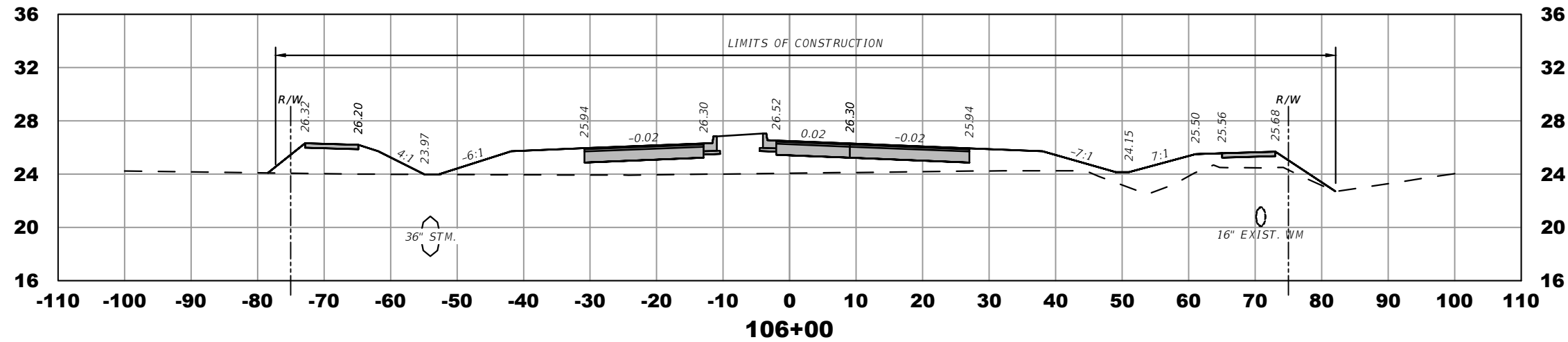
CROSS SECTIONS

SHEET NO.
24

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



SCALE 1"=20'



ELEVATION DATUM
THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

CITY OF PSL PROJECT NO. P22-169
PSLUSD PROJECT NO. 9-0915-G

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
8-29-22	REVISED PER CITY OF PSL		

MACKENZIE ENGINEERING & PLANNING, INC.
1172 SW 30TH STREET, SUITE 500,
PALM CITY, FLORIDA, 34990
C.A. 29013
SHAUN G. MACKENZIE P.E.
P.E. NO. 61751

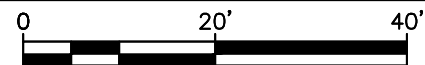
CITY OF PORT ST. LUCIE
121 SW PORT ST. LUCIE BLVD
PORT ST. LUCIE BLVD, FL 34984

COUNTY ROAD NO.
ST. LUCIE COUNTY CROSSTOWN PARKWAY
SEGMENT 2B

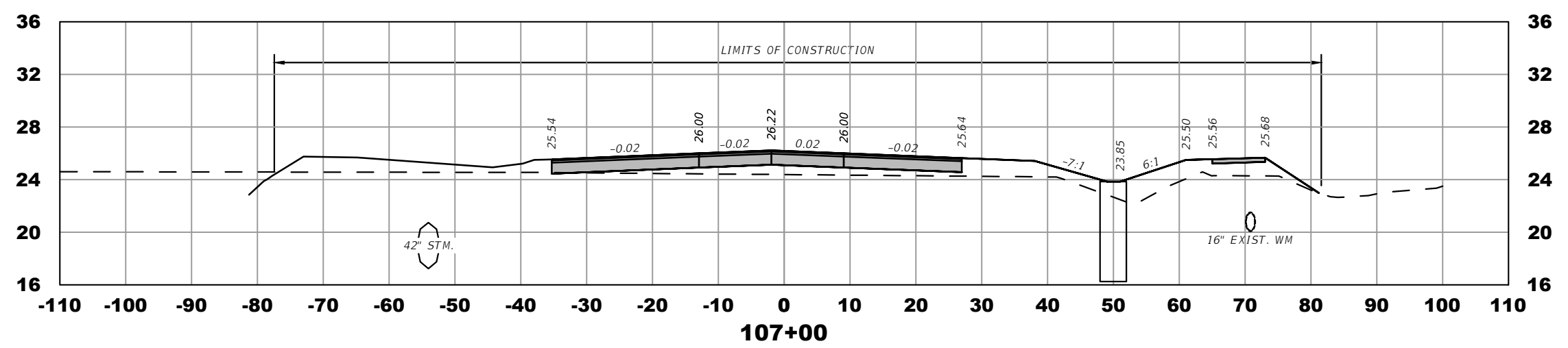
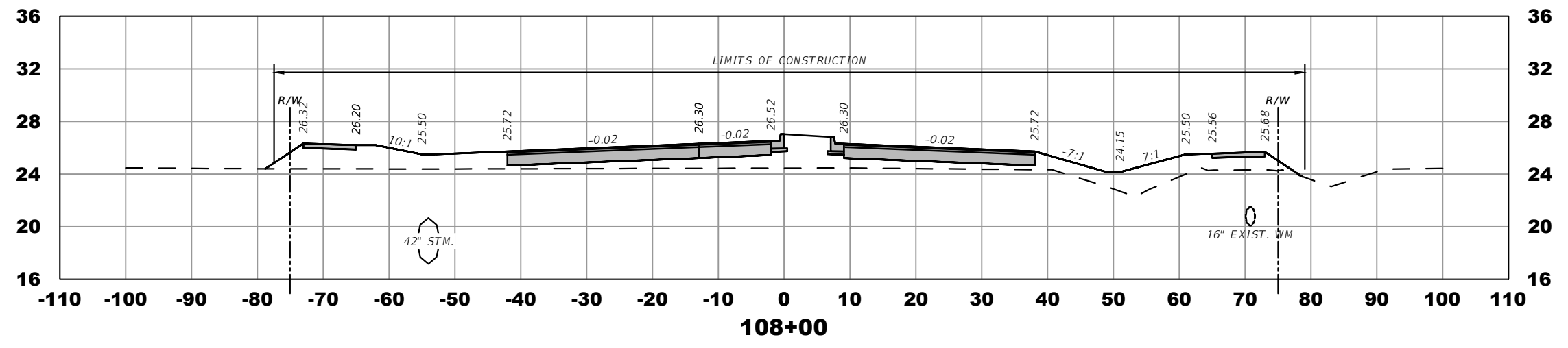
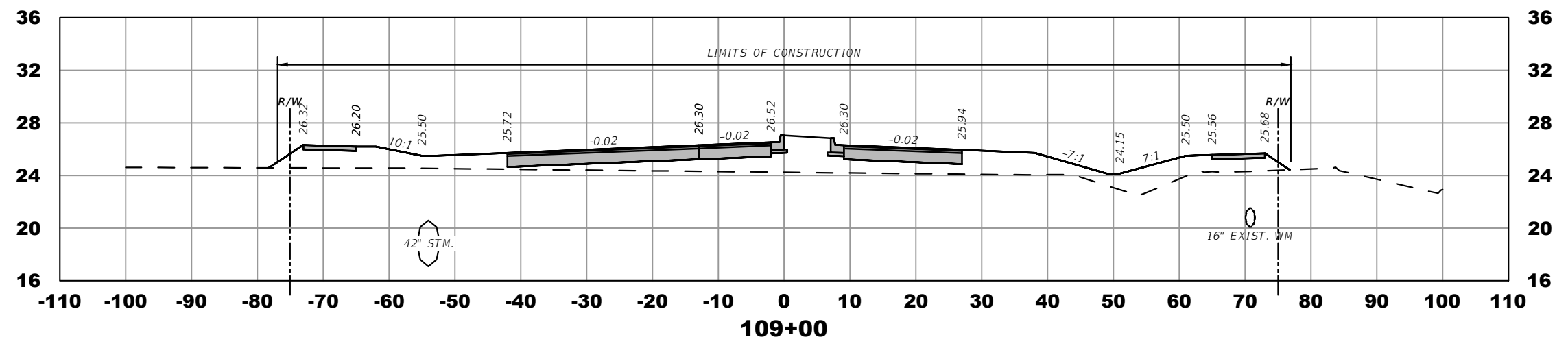
CROSS SECTIONS

SHEET NO.
25

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



SCALE 1"=20'

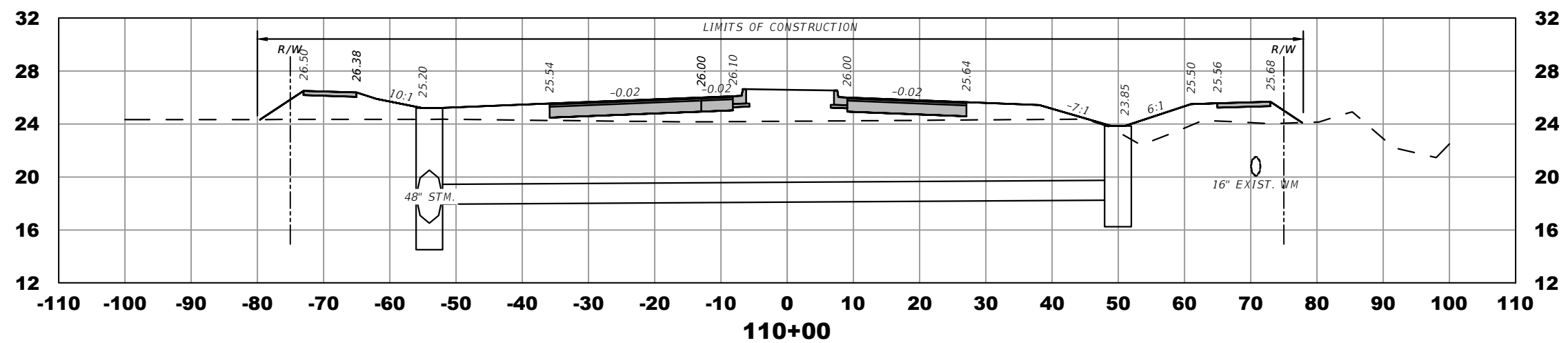
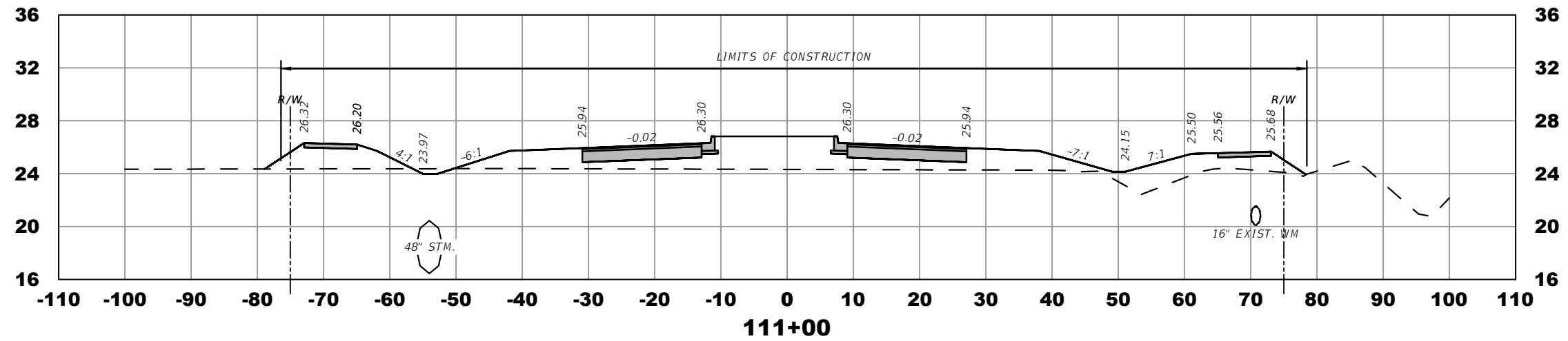
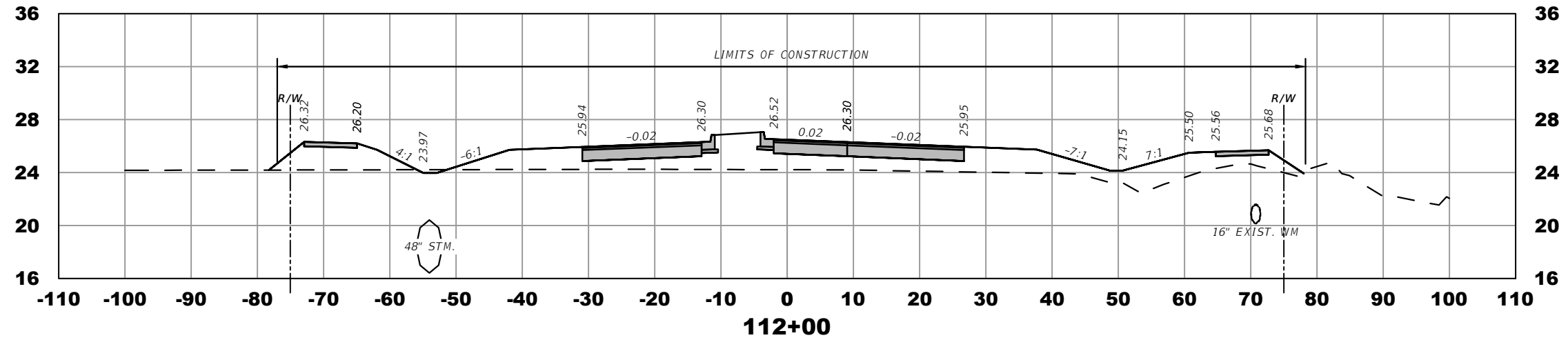
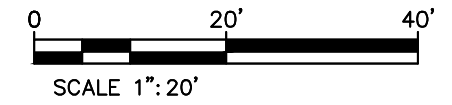


ELEVATION DATUM
THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

CITY OF PSL PROJECT NO. P22-169
PSLUSD PROJECT NO. 9-0915-G

REVISIONS				MACKENZIE ENGINEERING & PLANNING, INC. 1172 SW 30TH STREET, SUITE 500, PALM CITY, FLORIDA, 34990 C.A. 29013 SHAUN G. MACKENZIE P.E. P.E. NO. 61751	CITY OF PORT ST. LUCIE 121 SW PORT ST. LUCIE BLVD PORT ST. LUCIE BLVD, FL 34984		CROSS SECTIONS	SHEET NO. 26
DATE	DESCRIPTION	DATE	DESCRIPTION		COUNTY	ROAD NO.		
8-29-22	REVISED PER CITY OF PSL				ST. LUCIE COUNTY	CROSSTOWN PARKWAY SEGMENT 2B		

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



ELEVATION DATUM
THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

CITY OF PSL PROJECT NO. P22-169
PSLUSD PROJECT NO. 9-0915-G

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
8-29-22	REVISED PER CITY OF PSL		

MACKENZIE ENGINEERING & PLANNING, INC.
1172 SW 30TH STREET, SUITE 500,
PALM CITY, FLORIDA, 34990
C.A. 29013
SHAUN G. MACKENZIE P.E.
P.E. NO. 61751

CITY OF PORT ST. LUCIE
121 SW PORT ST. LUCIE BLVD
PORT ST. LUCIE BLVD, FL 34984

COUNTY	ROAD NO.
ST. LUCIE COUNTY	CROSTOWN PARKWAY SEGMENT 2B

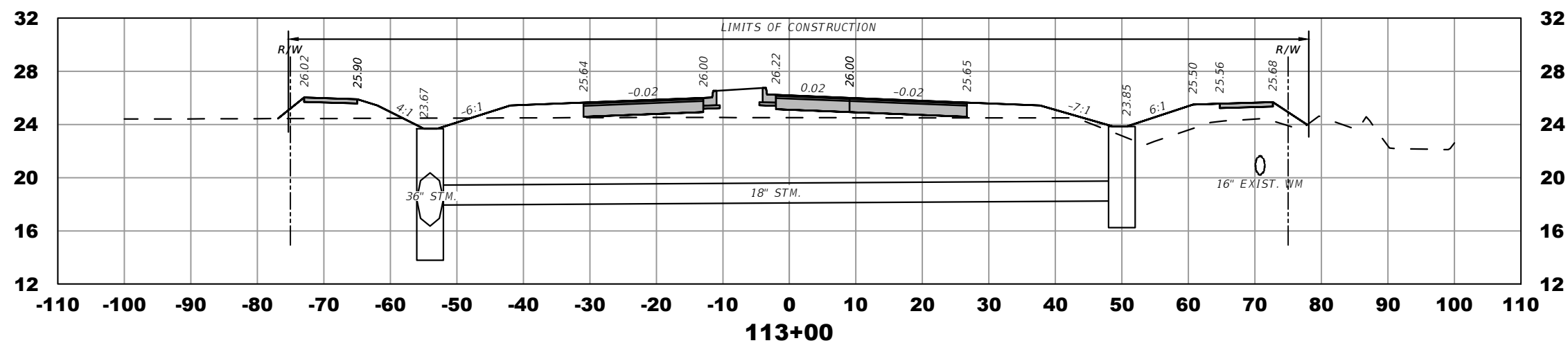
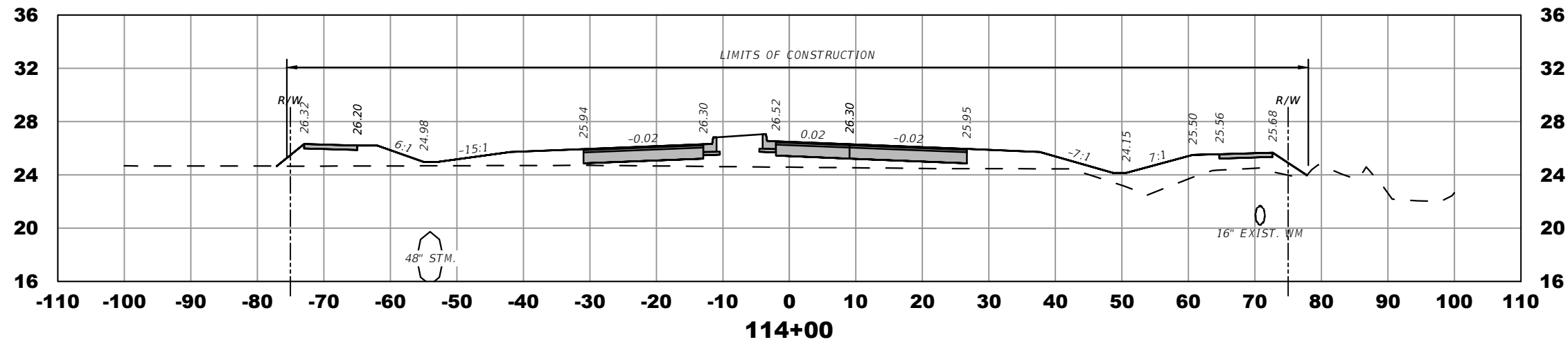
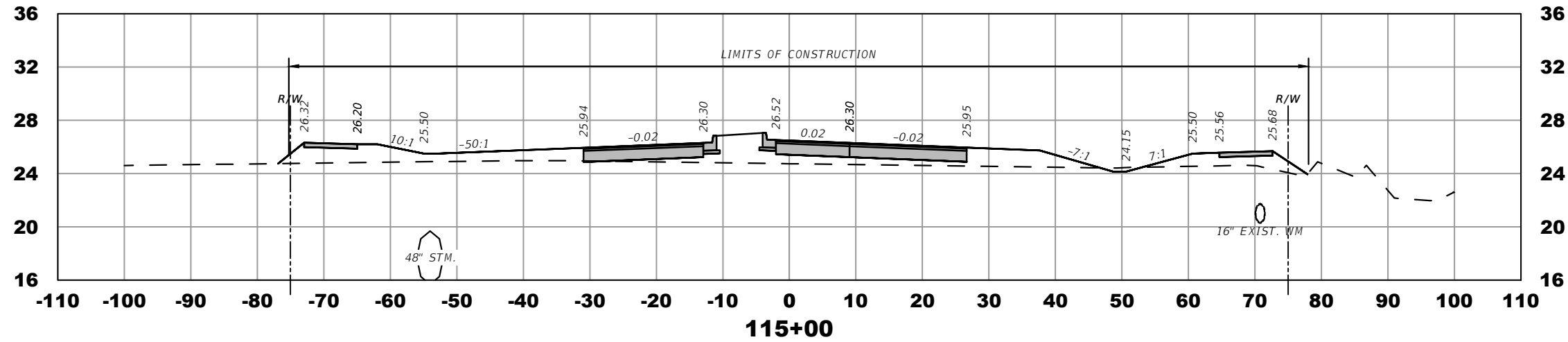
CROSS SECTIONS

SHEET NO.
27

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



SCALE 1"=20'



ELEVATION DATUM
THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

CITY OF PSL PROJECT NO. P22-169
PSLUSD PROJECT NO. 9-0915-G

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
8-29-22	REVISED PER CITY OF PSL		

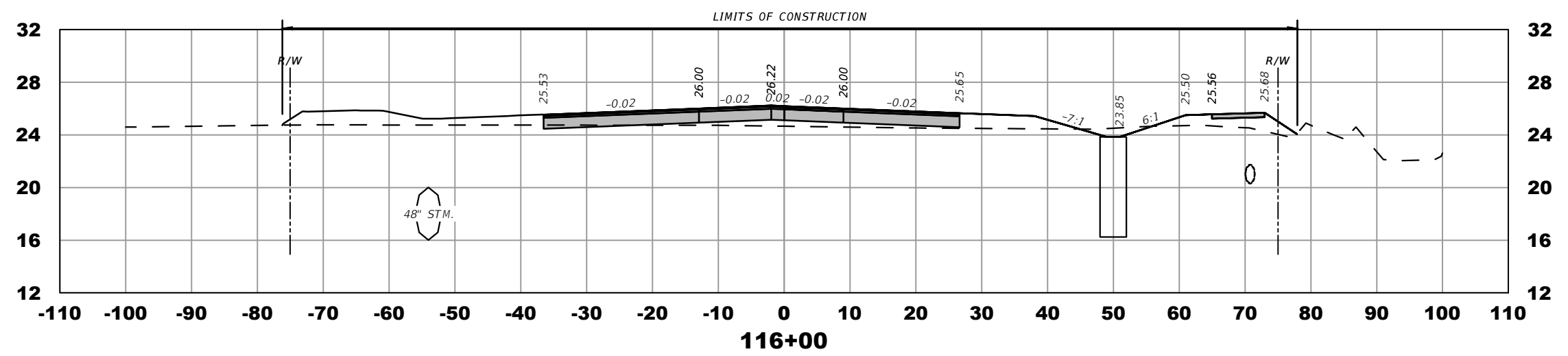
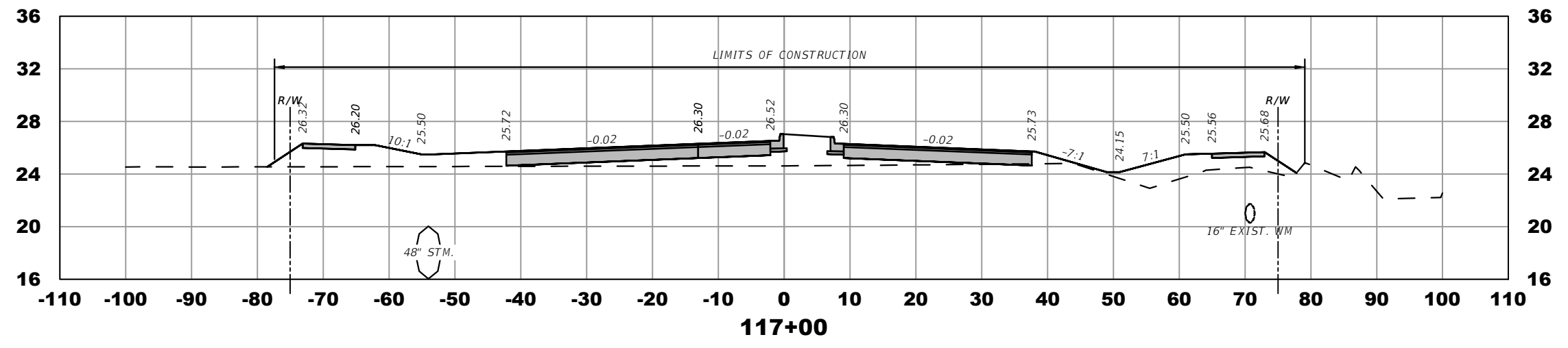
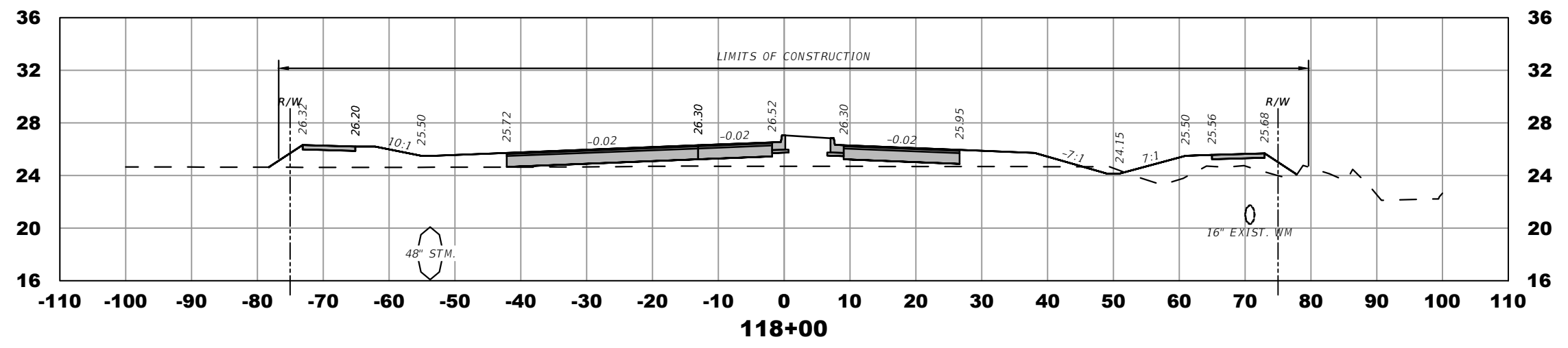
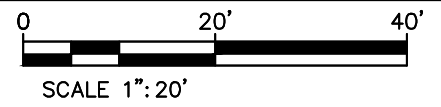
MACKENZIE ENGINEERING & PLANNING, INC.
1172 SW 30TH STREET, SUITE 500,
PALM CITY, FLORIDA, 34990
C.A. 29013
SHAUN G. MACKENZIE P.E.
P.E. NO. 61751

CITY OF PORT ST. LUCIE 121 SW PORT ST. LUCIE BLVD PORT ST. LUCIE BLVD, FL 34984	
COUNTY	ROAD NO.
ST. LUCIE COUNTY	CROSSTOWN PARKWAY SEGMENT 2B

CROSS SECTIONS

SHEET NO.
28

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

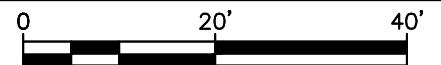


ELEVATION DATUM
THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

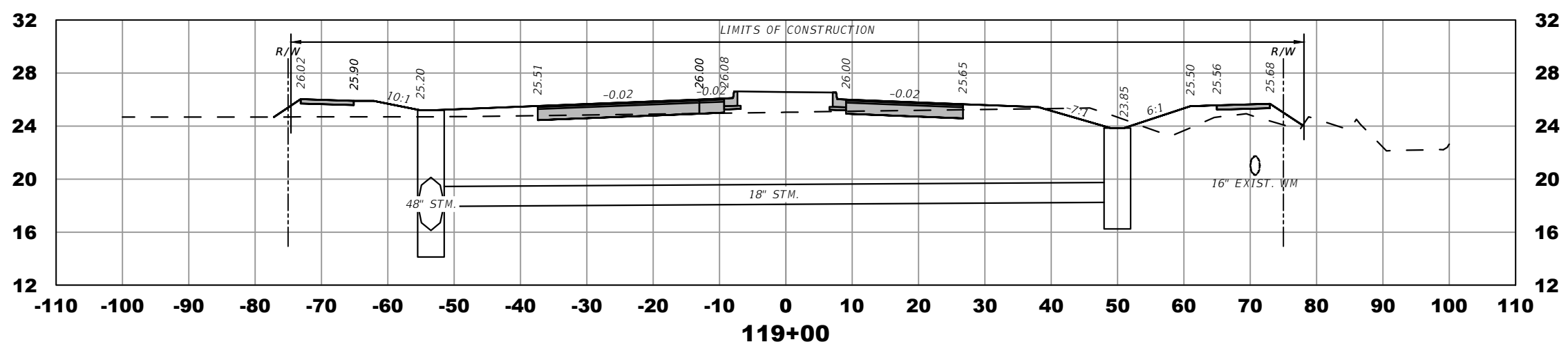
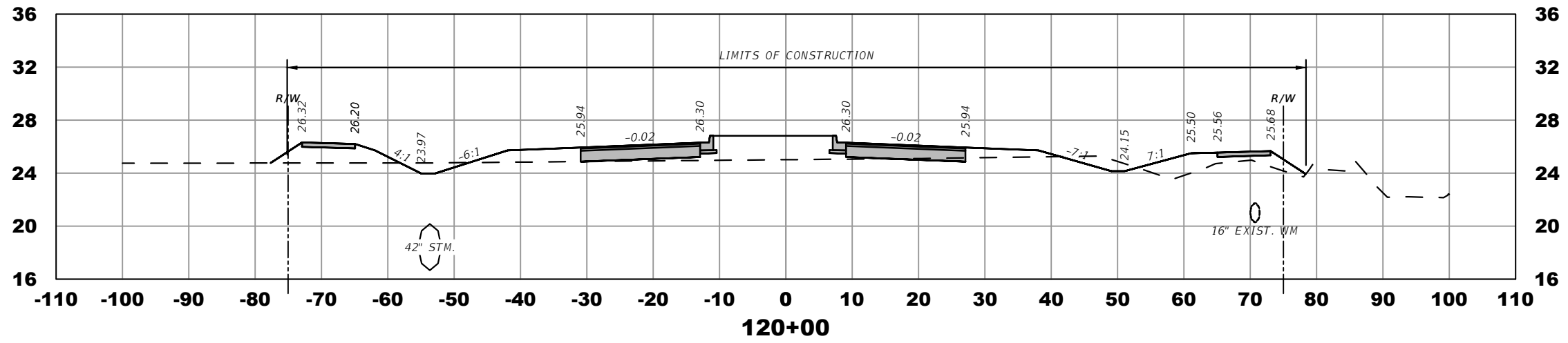
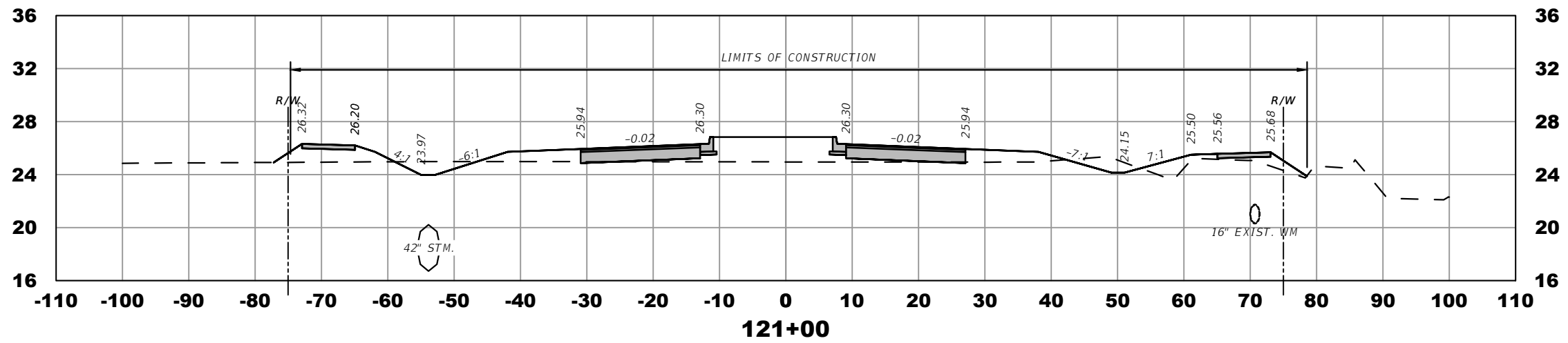
CITY OF PSL PROJECT NO. P22-169
PSLUSD PROJECT NO. 9-0915-G

REVISIONS				MACKENZIE ENGINEERING & PLANNING, INC. 1172 SW 30TH STREET, SUITE 500, PALM CITY, FLORIDA, 34990 C.A. 29013 SHAUN G. MACKENZIE P.E. P.E. NO. 61751	CITY OF PORT ST. LUCIE 121 SW PORT ST. LUCIE BLVD PORT ST. LUCIE BLVD, FL 34984		CROSS SECTIONS	SHEET NO. 29
DATE	DESCRIPTION	DATE	DESCRIPTION		COUNTY	ROAD NO.		
8-29-22	REVISED PER CITY OF PSL				ST. LUCIE COUNTY	CROSSTOWN PARKWAY SEGMENT 2B		

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



SCALE 1"=20'

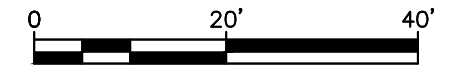


ELEVATION DATUM
THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

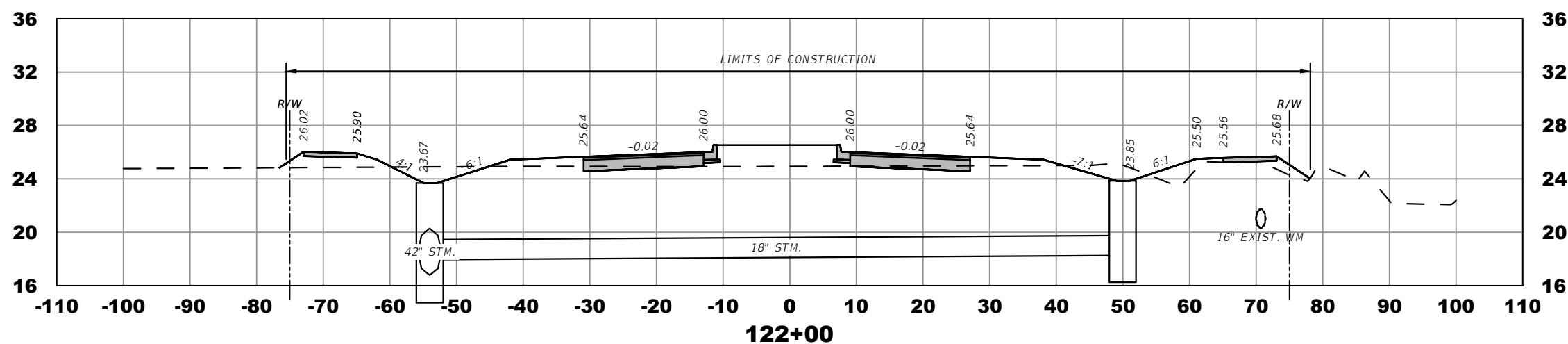
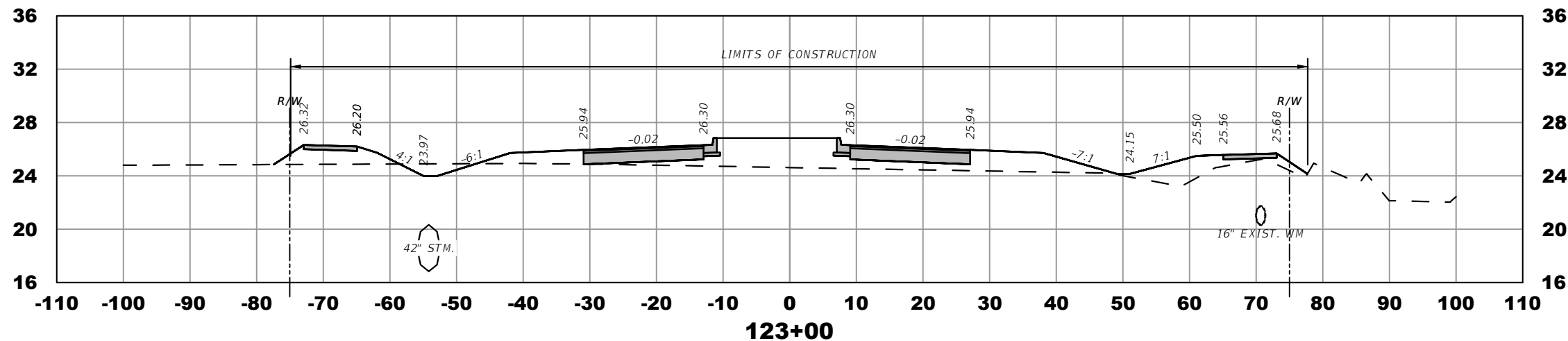
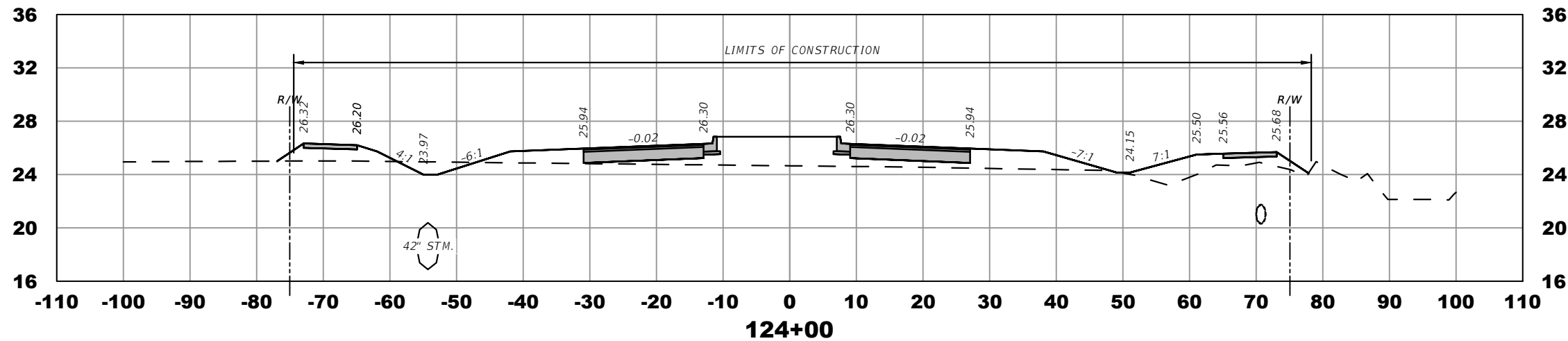
CITY OF PSL PROJECT NO. P22-169
PSLUSD PROJECT NO. 9-0915-G

REVISIONS				MACKENZIE ENGINEERING & PLANNING, INC. 1172 SW 30TH STREET, SUITE 500, PALM CITY, FLORIDA, 34990 C.A. 29013 SHAUN G. MACKENZIE P.E. P.E. NO. 61751	CITY OF PORT ST. LUCIE 121 SW PORT ST. LUCIE BLVD PORT ST. LUCIE BLVD, FL 34984		<i>CROSS SECTIONS</i>	SHEET NO. 30
DATE	DESCRIPTION	DATE	DESCRIPTION		COUNTY	ROAD NO.		
8-29-22	REVISED PER CITY OF PSL				ST. LUCIE COUNTY	CROSTOWN PARKWAY SEGMENT 2B		

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



SCALE 1"=20'



ELEVATION DATUM
THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

CITY OF PSL PROJECT NO. P22-169
PSLUSD PROJECT NO. 9-0915-G

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
8-29-22	REVISED PER CITY OF PSL		

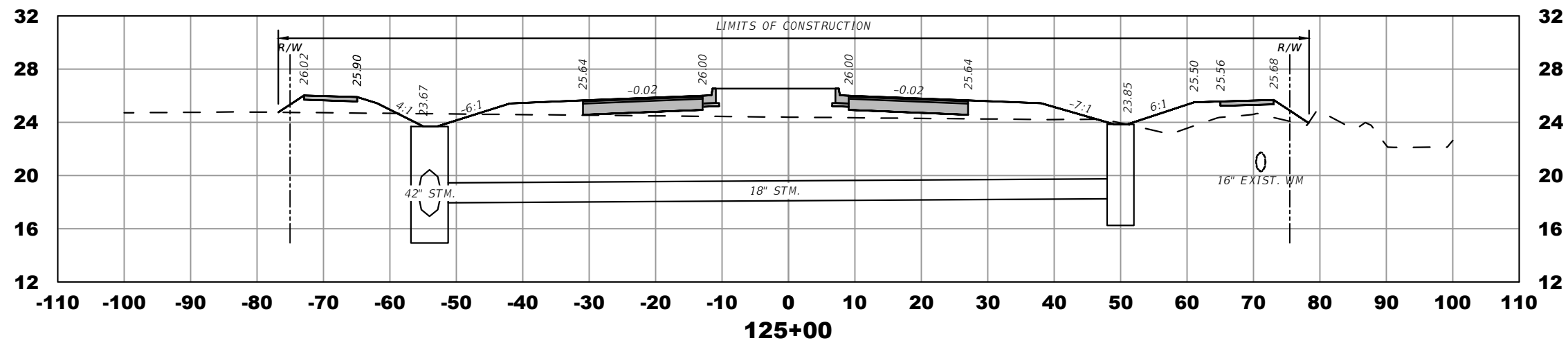
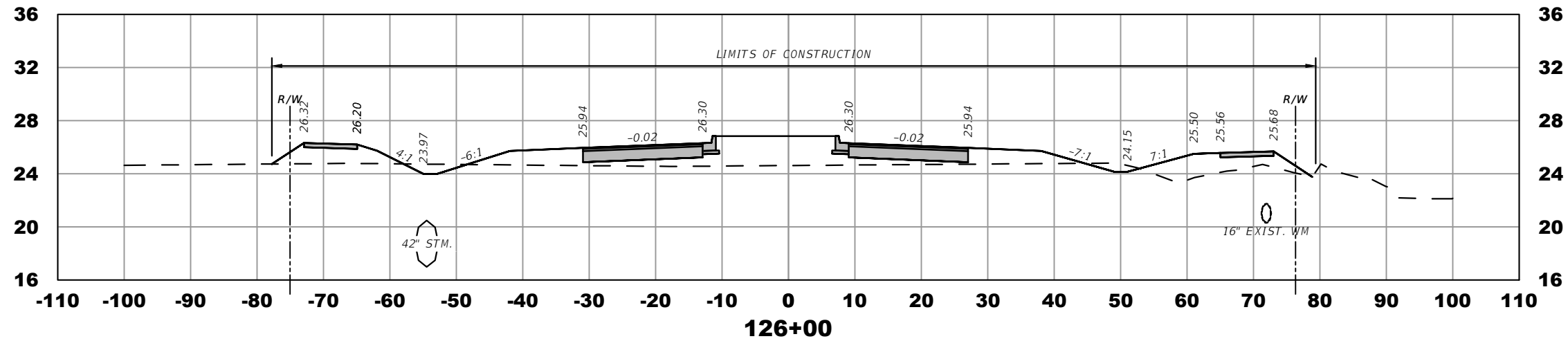
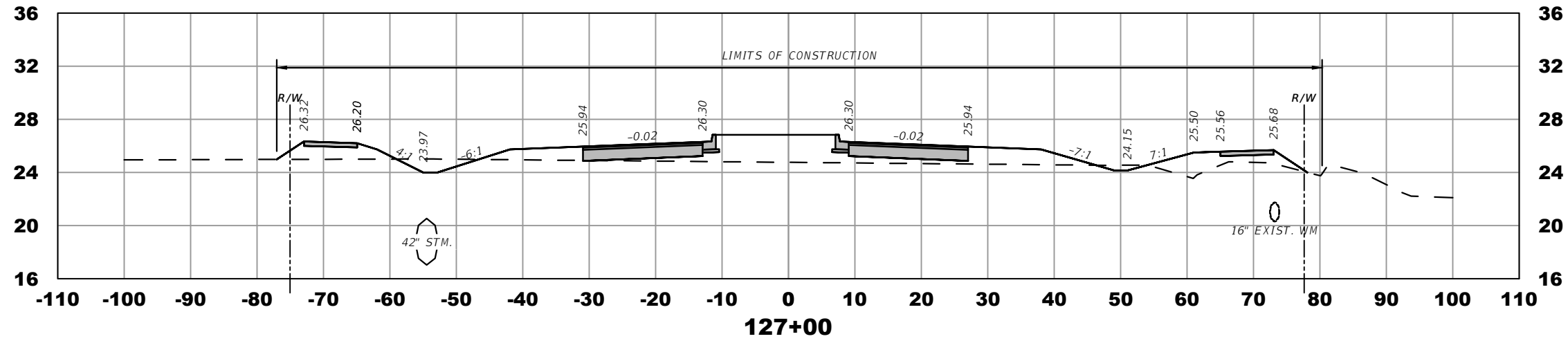
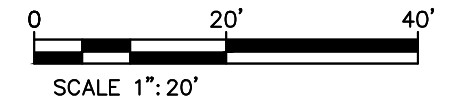
MACKENZIE ENGINEERING & PLANNING, INC.
1172 SW 30TH STREET, SUITE 500,
PALM CITY, FLORIDA, 34990
C.A. 29013
SHAUN G. MACKENZIE P.E.
P.E. NO. 61751

CITY OF PORT ST. LUCIE 121 SW PORT ST. LUCIE BLVD PORT ST. LUCIE BLVD, FL 34984	
COUNTY	ROAD NO.
ST. LUCIE COUNTY	CROSSTOWN PARKWAY SEGMENT 2B

CROSS SECTIONS

SHEET NO.
31

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



ELEVATION DATUM
THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

CITY OF PSL PROJECT NO. P22-169
PSLUSD PROJECT NO. 9-0915-G

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
8-29-22	REVISED PER CITY OF PSL		

MACKENZIE ENGINEERING & PLANNING, INC.
1172 SW 30TH STREET, SUITE 500,
PALM CITY, FLORIDA, 34990
C.A. 29013
SHAUN G. MACKENZIE P.E.
P.E. NO. 61751

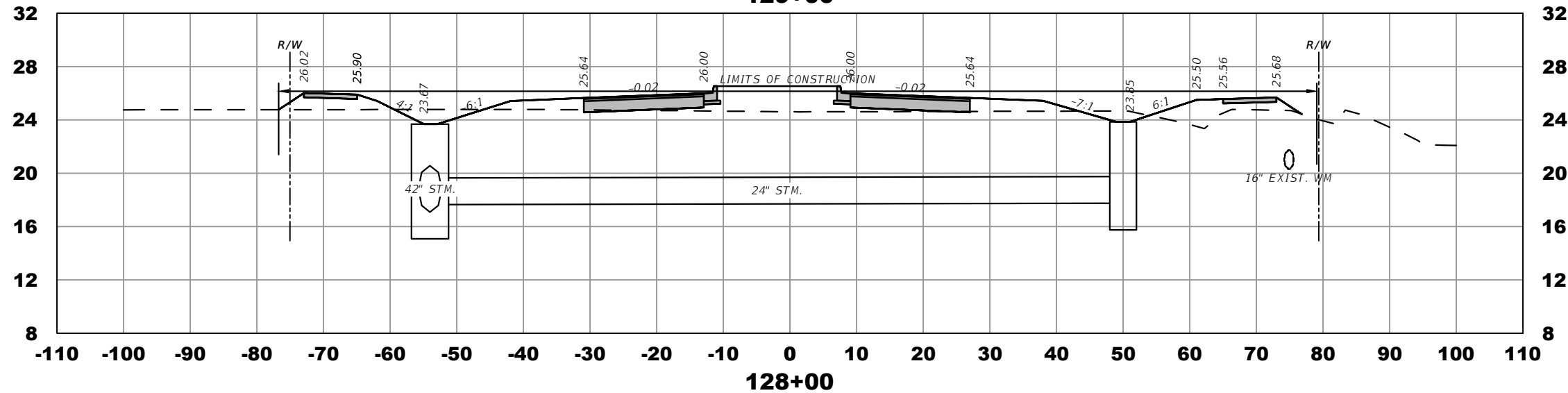
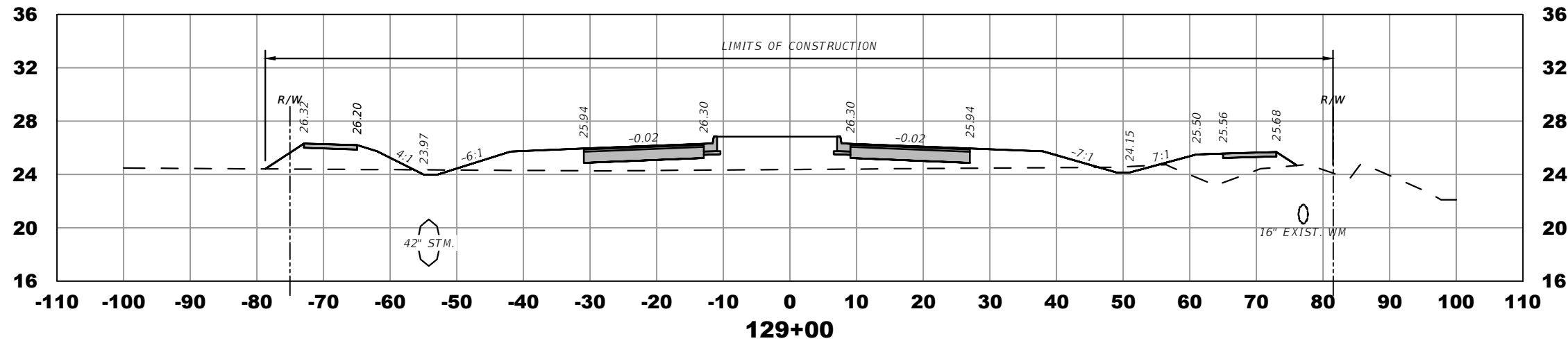
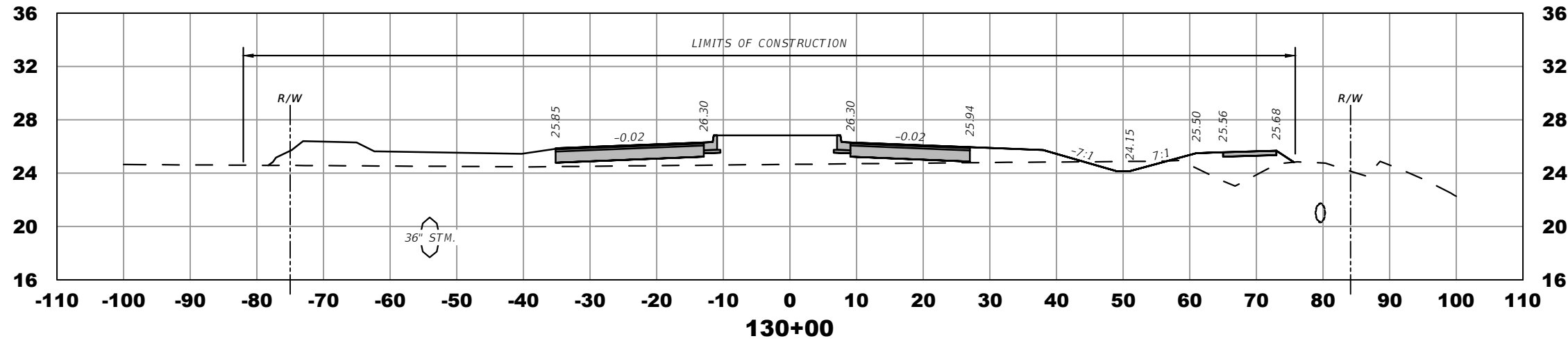
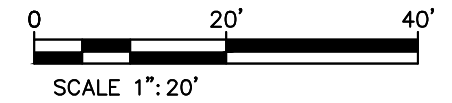
CITY OF PORT ST. LUCIE
121 SW PORT ST. LUCIE BLVD
PORT ST. LUCIE BLVD, FL 34984

COUNTY ROAD NO.
ST. LUCIE COUNTY CROSSTOWN PARKWAY
SEGMENT 2B

CROSS SECTIONS

SHEET NO.
32

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



ELEVATION DATUM
THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

CITY OF PSL PROJECT NO. P22-169
PSLUSD PROJECT NO. 9-0915-G

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
8-29-22	REVISED PER CITY OF PSL		

MACKENZIE ENGINEERING & PLANNING, INC.
1172 SW 30TH STREET, SUITE 500,
PALM CITY, FLORIDA, 34990
C.A. 29013
SHAUN G. MACKENZIE P.E.
P.E. NO. 61751

CITY OF PORT ST. LUCIE
121 SW PORT ST. LUCIE BLVD
PORT ST. LUCIE BLVD, FL 34984

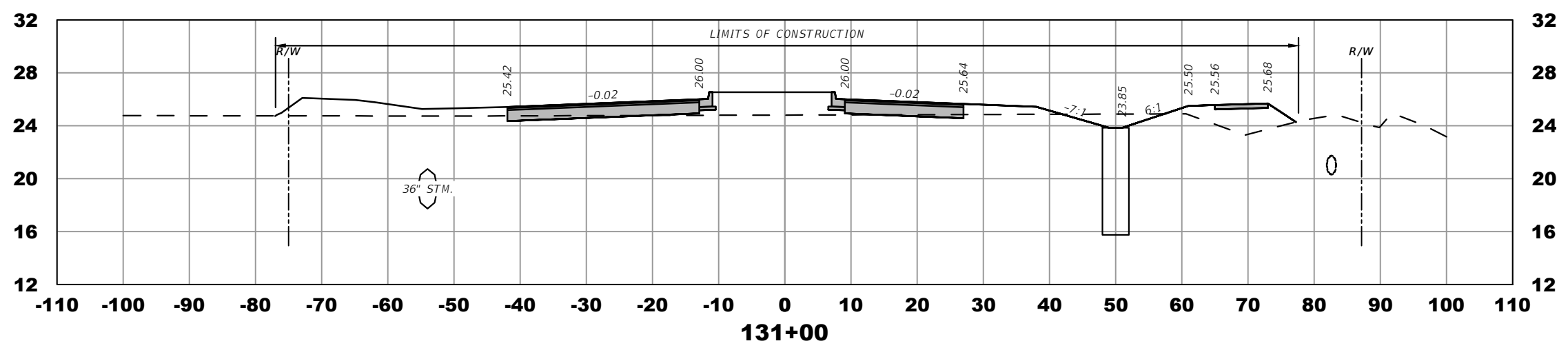
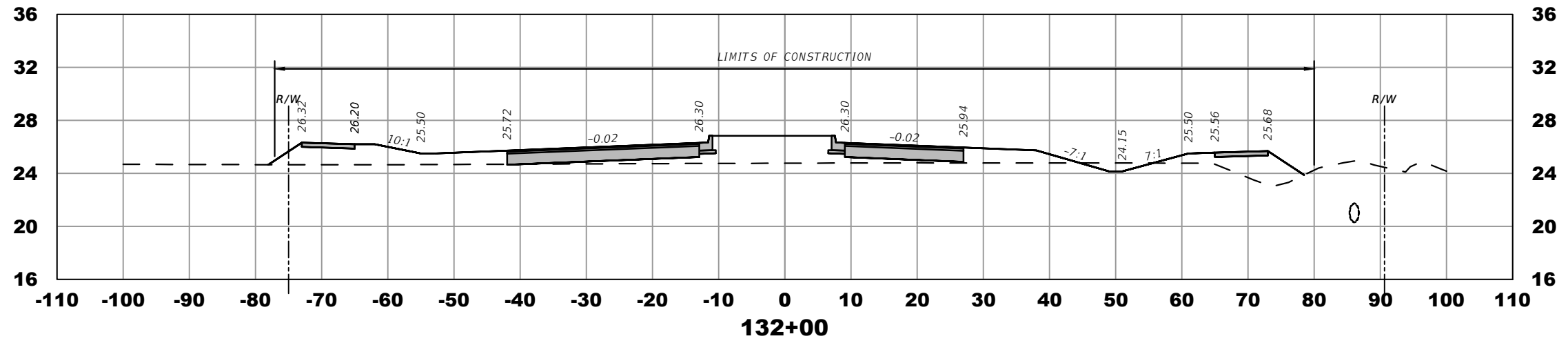
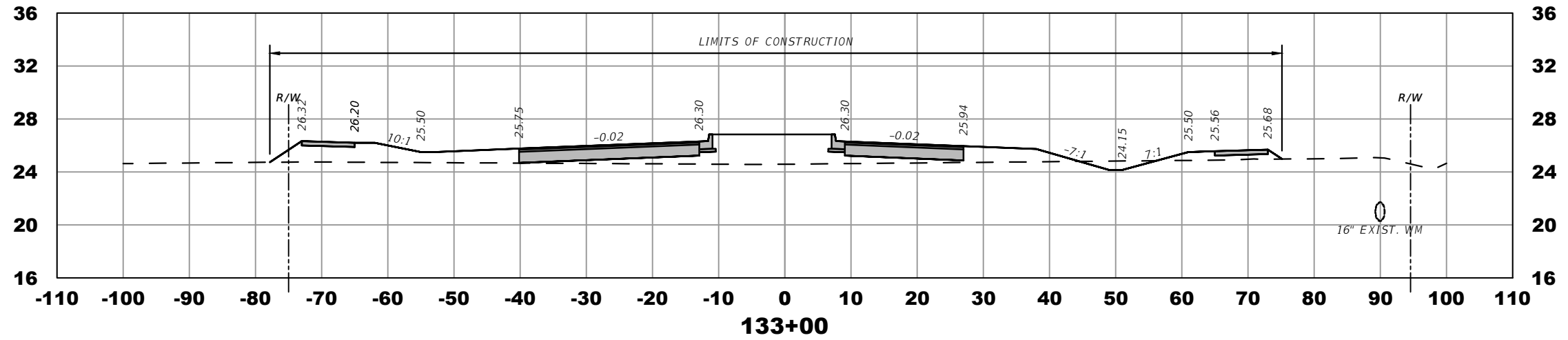
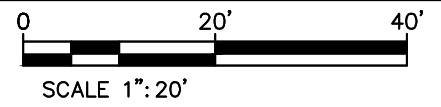
COUNTY ROAD NO.
ST. LUCIE COUNTY CROSSTOWN PARKWAY
SEGMENT 2B

CROSS SECTIONS

SHEET NO.

33

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



ELEVATION DATUM
THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

CITY OF PSL PROJECT NO. P22-169
PSLUSD PROJECT NO. 9-0915-G

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
8-29-22	REVISED PER CITY OF PSL		

MACKENZIE ENGINEERING & PLANNING, INC.
1172 SW 30TH STREET, SUITE 500,
PALM CITY, FLORIDA, 34990
C.A. 29013
SHAUN G. MACKENZIE P.E.
P.E. NO. 61751

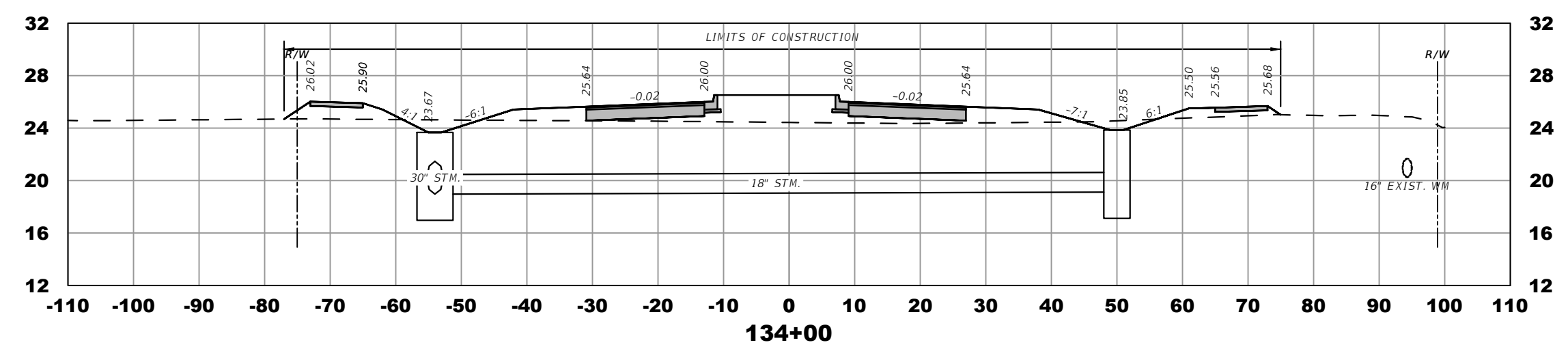
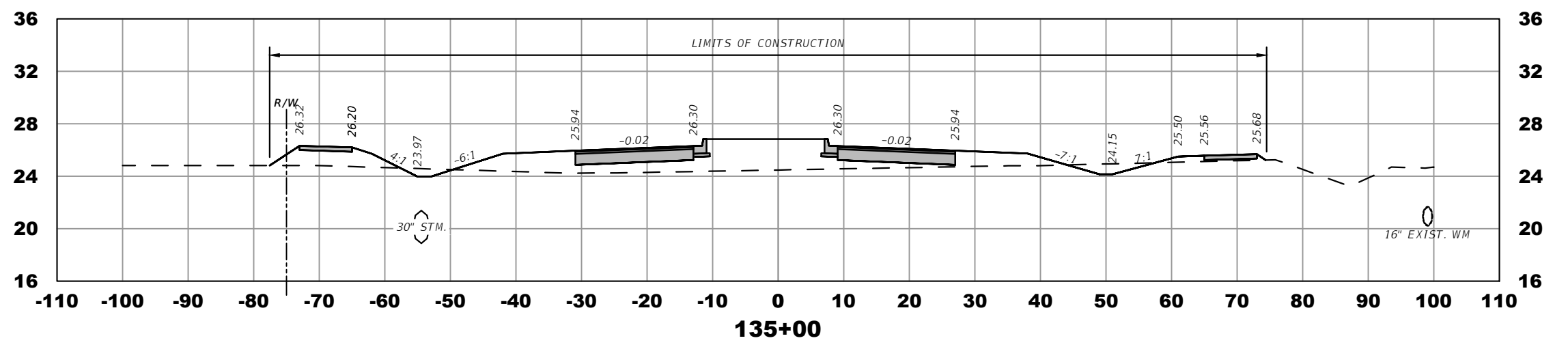
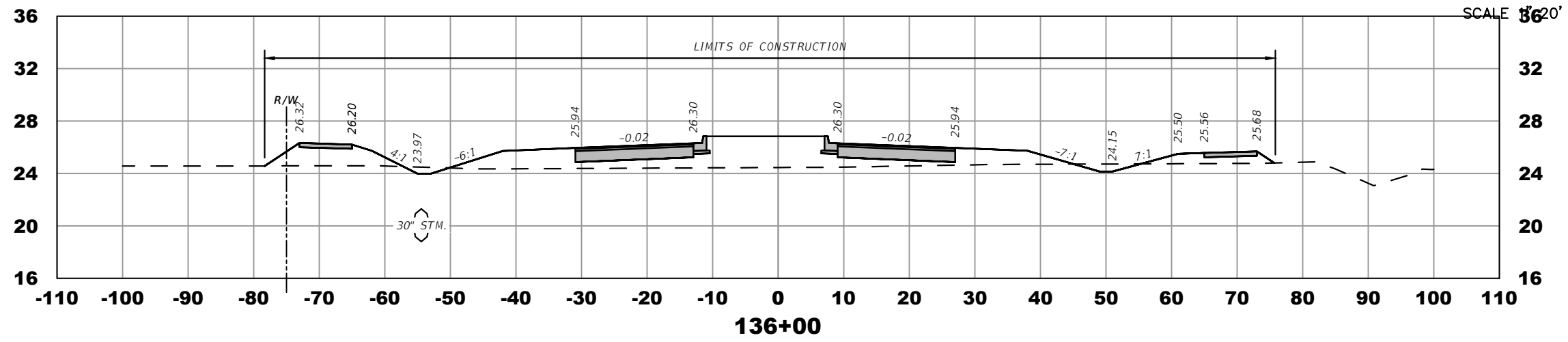
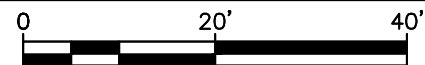
CITY OF PORT ST. LUCIE
121 SW PORT ST. LUCIE BLVD
PORT ST. LUCIE BLVD, FL 34984

COUNTY	ROAD NO.
ST. LUCIE COUNTY	CROSSTOWN PARKWAY SEGMENT 2B

CROSS SECTIONS

SHEET NO.
34

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



ELEVATION DATUM
THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

CITY OF PSL PROJECT NO. P22-169
PSLUSD PROJECT NO. 9-0915-G

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
8-29-22	REVISED PER CITY OF PSL		

MACKENZIE ENGINEERING & PLANNING, INC.
1172 SW 30TH STREET, SUITE 500,
PALM CITY, FLORIDA, 34990
C.A. 29013
SHAUN G. MACKENZIE P.E.
P.E. NO. 61751

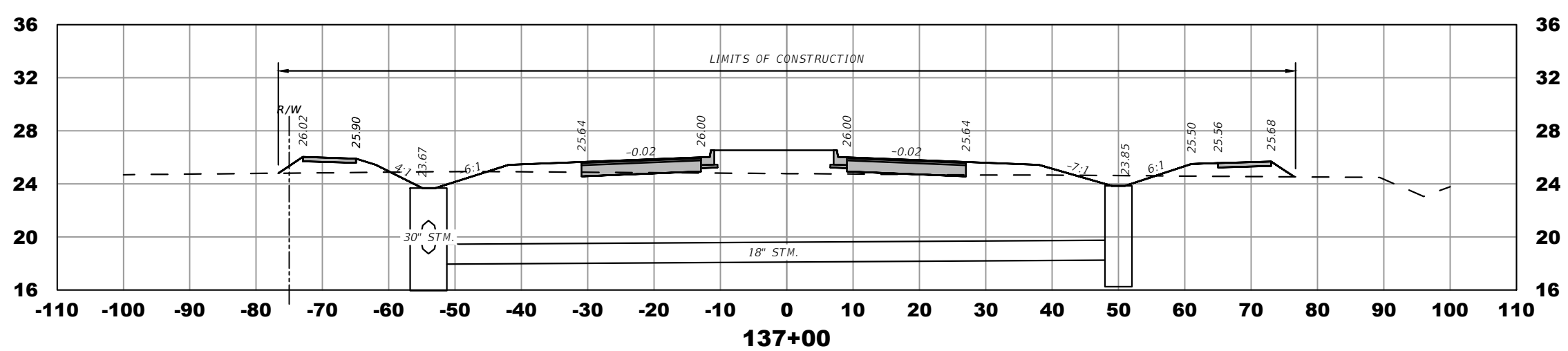
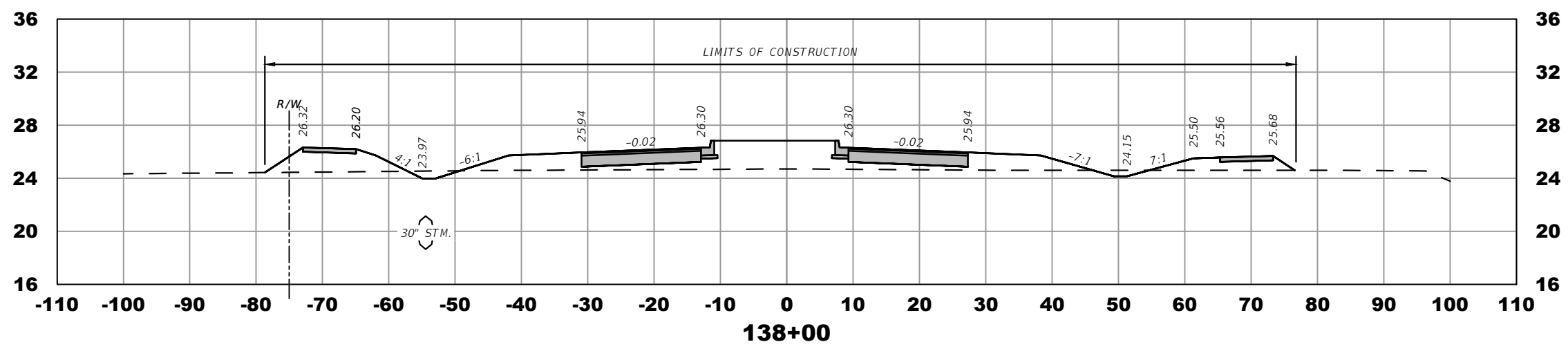
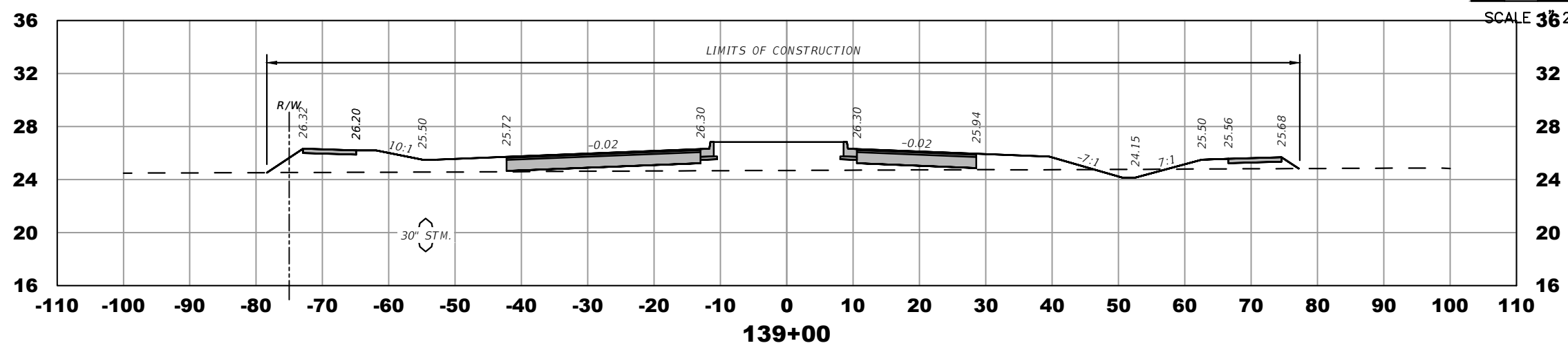
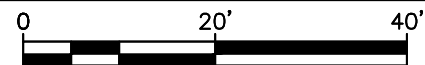
CITY OF PORT ST. LUCIE
121 SW PORT ST. LUCIE BLVD
PORT ST. LUCIE BLVD, FL 34984

COUNTY	ROAD NO.
ST. LUCIE COUNTY	CROSTOWN PARKWAY SEGMENT 2B

CROSS SECTIONS

SHEET NO.
35

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



ELEVATION DATUM
THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

CITY OF PSL PROJECT NO. P22-169
PSLUSD PROJECT NO. 9-0915-G

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
8-29-22	REVISED PER CITY OF PSL		

MACKENZIE ENGINEERING & PLANNING, INC.
1172 SW 30TH STREET, SUITE 500,
PALM CITY, FLORIDA, 34990
C.A. 29013
SHAUN G. MACKENZIE P.E.
P.E. NO. 61751

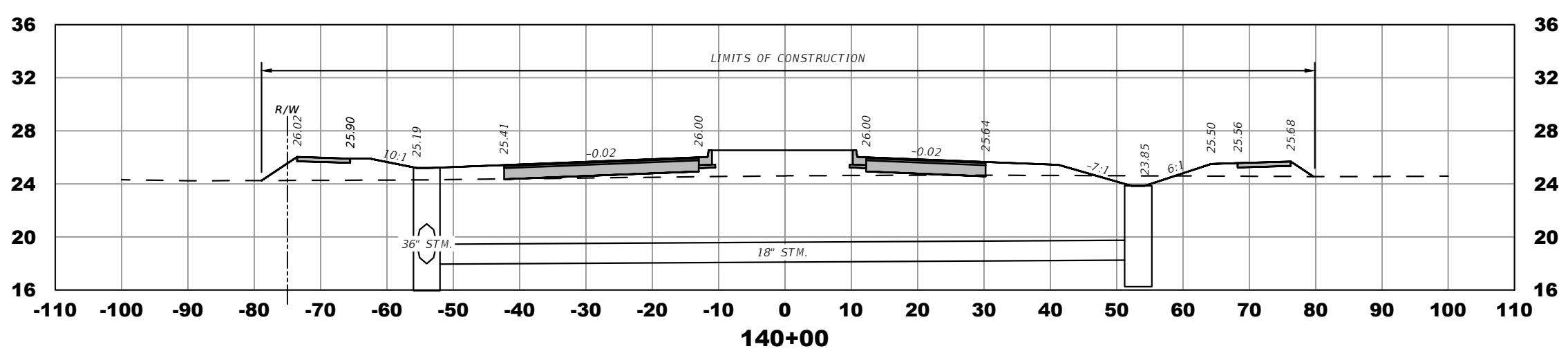
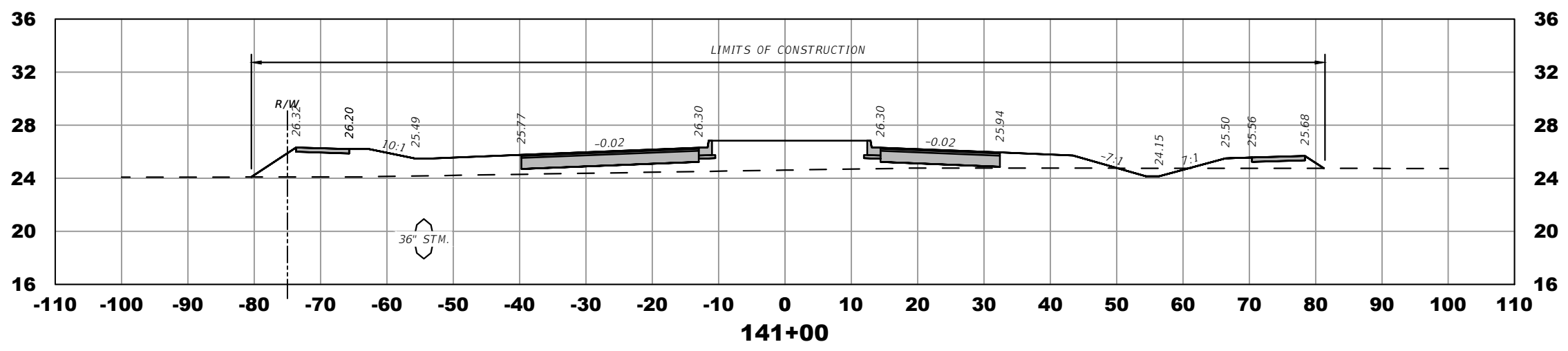
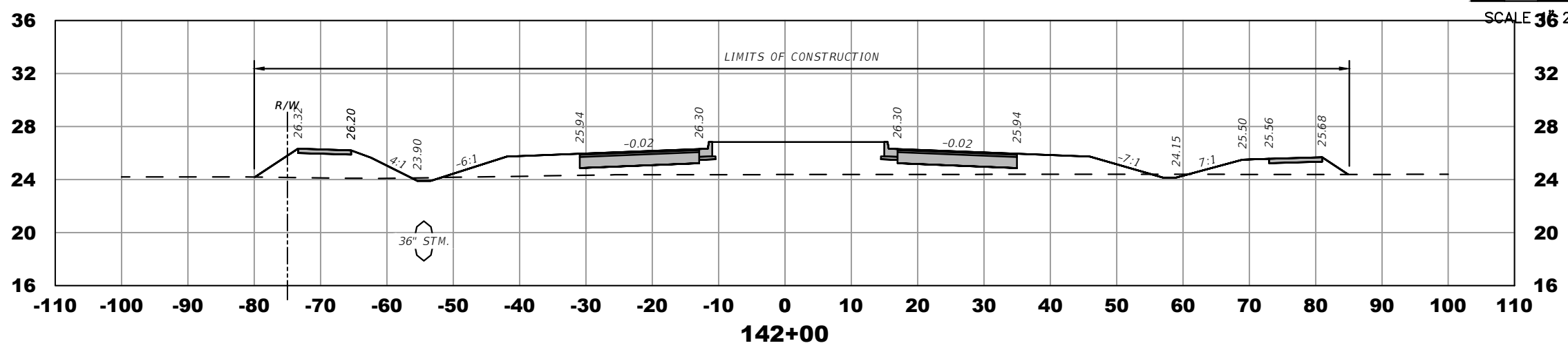
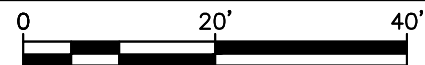
CITY OF PORT ST. LUCIE
121 SW PORT ST. LUCIE BLVD
PORT ST. LUCIE BLVD, FL 34984

COUNTY	ROAD NO.
ST. LUCIE COUNTY	CROSTOWN PARKWAY SEGMENT 2B

CROSS SECTIONS

SHEET NO.
36

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



ELEVATION DATUM
THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

CITY OF PSL PROJECT NO. P22-169
PSLUSD PROJECT NO. 9-0915-G

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
8-29-22	REVISED PER CITY OF PSL		

MACKENZIE ENGINEERING & PLANNING, INC.
1172 SW 30TH STREET, SUITE 500,
PALM CITY, FLORIDA, 34990
C.A. 29013
SHAUN G. MACKENZIE P.E.
P.E. NO. 61751

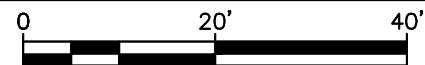
CITY OF PORT ST. LUCIE
121 SW PORT ST. LUCIE BLVD
PORT ST. LUCIE BLVD, FL 34984

COUNTY	ROAD NO.
ST. LUCIE COUNTY	CROSTOWN PARKWAY SEGMENT 2B

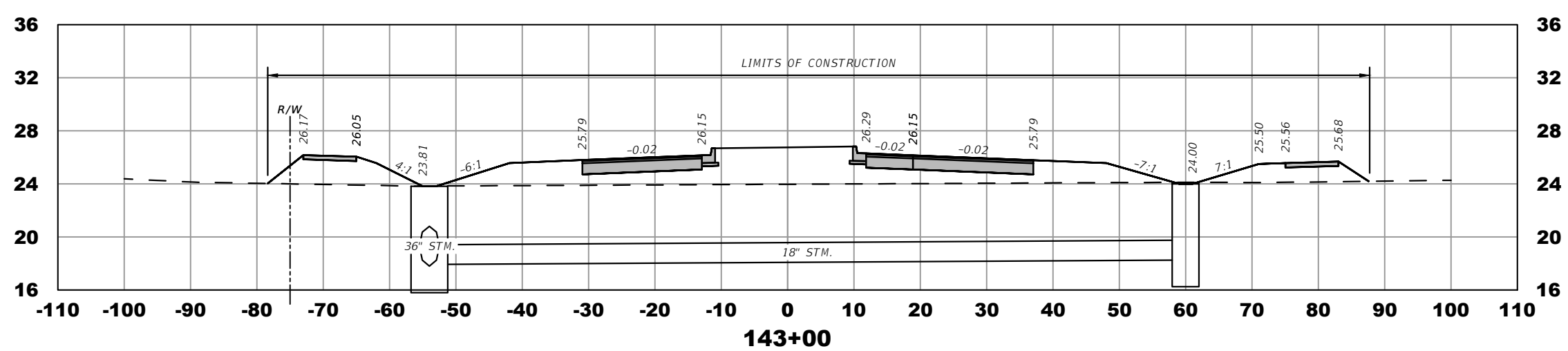
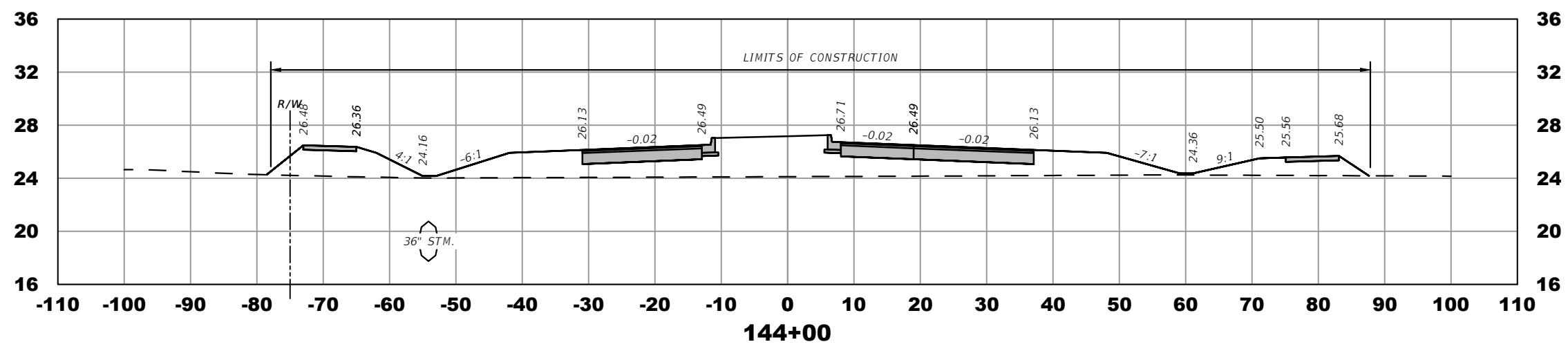
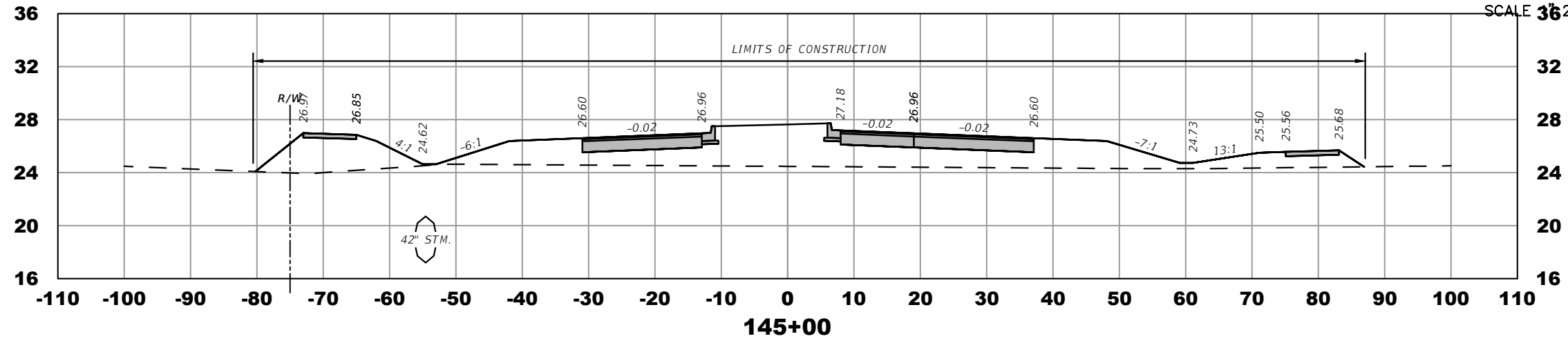
CROSS SECTIONS

SHEET NO.
37

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



SCALE 3/8" = 1'



ELEVATION DATUM
THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

CITY OF PSL PROJECT NO. P22-169
PSLUSD PROJECT NO. 9-0915-G

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
8-29-22	REVISED PER CITY OF PSL		

MACKENZIE ENGINEERING & PLANNING, INC.
1172 SW 30TH STREET, SUITE 500,
PALM CITY, FLORIDA, 34990
C.A. 29013
SHAUN G. MACKENZIE P.E.
P.E. NO. 61751

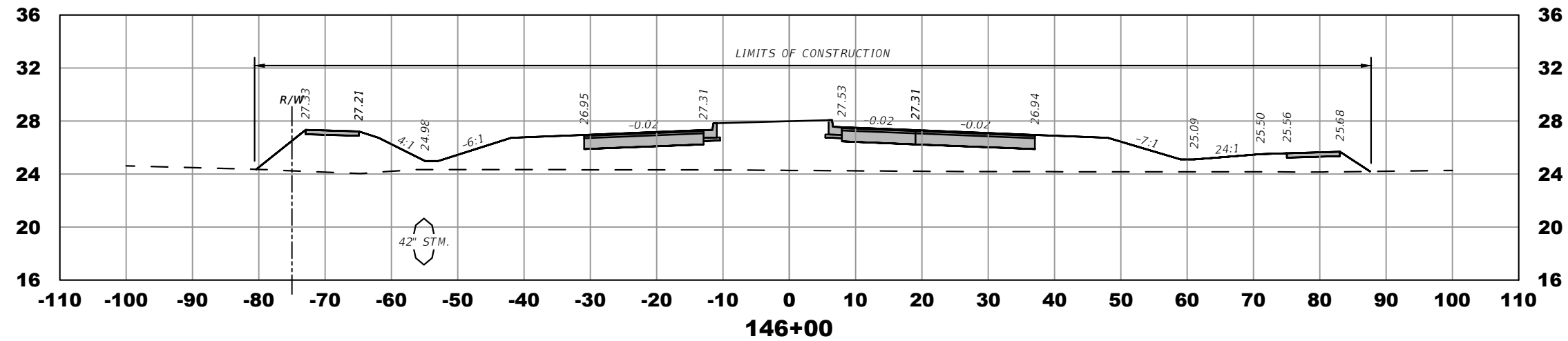
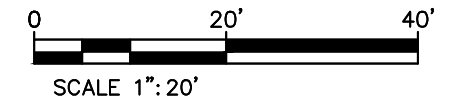
CITY OF PORT ST. LUCIE
121 SW PORT ST. LUCIE BLVD
PORT ST. LUCIE BLVD, FL 34984

COUNTY	ROAD NO.
ST. LUCIE COUNTY	CROSSTOWN PARKWAY SEGMENT 2B

CROSS SECTIONS

SHEET NO.
38

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



ELEVATION DATUM
THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

CITY OF PSL PROJECT NO. P22-169
PSLUSD PROJECT NO. 9-0915-G

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
8-29-22	REVISED PER CITY OF PSL		

MACKENZIE ENGINEERING & PLANNING, INC.
1172 SW 30TH STREET, SUITE 500,
PALM CITY, FLORIDA, 34990
C.A. 29013
SHAUN G. MACKENZIE P.E.
P.E. NO. 61751

CITY OF PORT ST. LUCIE 121 SW PORT ST. LUCIE BLVD PORT ST. LUCIE BLVD, FL 34984	
COUNTY	ROAD NO.
ST. LUCIE COUNTY	CROSSTOWN PARKWAY SEGMENT 2B

CROSS SECTIONS

SHEET NO.
39

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

Total Volume Table CY							
Station	Cut Area	Fill Area	Cut Vol	Fill Vol	Cum Cut Vol	Cum Fill Vol	Net Vol
101+00.00	1.11	775.81	0.00	0.00	0.00	0.00	0.00
102+00.00	6.00	172.53	13.16	1756.19	13.16	1756.19	-1743.03
103+00.00	4.62	140.29	19.67	579.30	32.83	2335.49	-2302.66
103+99.96	8.59	88.59	24.46	423.69	57.29	2759.18	-2701.89
104+00.00	8.59	88.57	0.01	0.12	57.31	2759.30	-2702.00
105+00.00	2.80	161.34	21.10	462.80	78.40	3222.10	-3143.70
106+00.00	0.00	195.66	5.19	661.11	83.59	3883.22	-3799.63
107+00.00	24.35	89.57	45.09	528.20	128.68	4411.42	-4282.74
107+00.00	24.35	89.57	45.09	528.20	128.68	4411.42	-4282.74
108+00.00	0.00	153.72	45.09	450.53	173.78	4861.96	-4688.18
109+00.00	0.41	172.27	0.76	603.67	174.54	5465.63	-5291.09
110+00.00	0.00	154.16	0.76	604.50	175.30	6070.13	-5894.82
111+00.00	3.91	165.28	7.25	591.56	182.55	6661.68	-6479.13
112+00.00	0.80	185.20	8.72	649.03	191.27	7310.71	-7119.44
113+00.00	4.91	111.46	10.56	549.37	201.83	7860.08	-7658.25
114+00.00	0.00	143.75	9.09	472.61	210.92	8332.70	-8121.78
115+00.00	3.07	108.82	5.68	467.72	216.60	8800.41	-8583.81
116+00.00	6.44	62.86	17.61	317.91	234.20	9118.32	-8884.12
116+00.00	6.44	62.86	17.61	317.91	234.20	9118.32	-8884.12
117+00.00	0.31	117.66	12.50	334.40	246.71	9452.73	-9206.02
118+00.00	1.82	117.85	3.95	436.14	250.65	9888.87	-9638.21
119+00.00	20.87	64.38	42.01	337.47	292.66	10226.33	-9933.67
120+00.00	12.90	77.49	62.53	262.71	355.19	10489.04	-10133.85
121+00.00	16.45	69.89	54.36	272.92	409.56	10761.96	-10352.40
122+00.00	25.48	48.03	77.66	218.37	487.21	10980.33	-10493.12

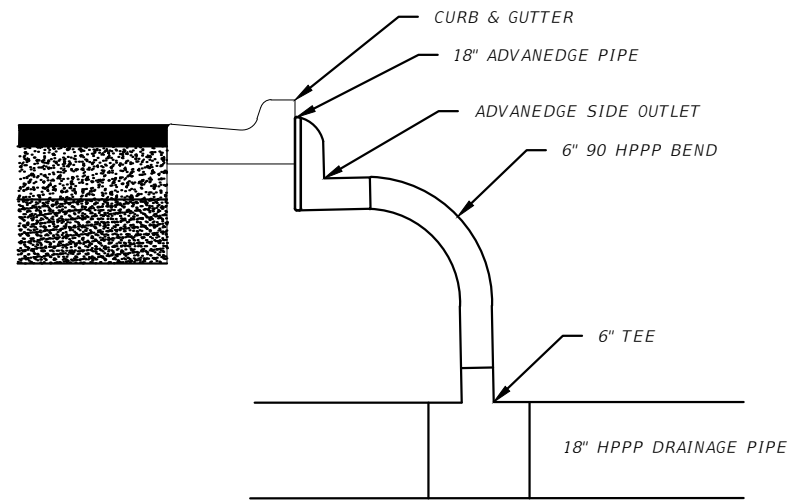
Total Volume Table CY							
Station	Cut Area	Fill Area	Cut Vol	Fill Vol	Cum Cut Vol	Cum Fill Vol	Net Vol
123+00.00	6.27	113.13	58.81	298.45	546.02	11278.78	-10732.76
124+00.00	6.72	109.41	24.07	412.11	570.09	11690.88	-11120.79
125+00.00	8.57	108.63	28.32	403.76	598.41	12094.64	-11496.23
126+00.00	7.35	115.64	29.48	415.31	627.89	12509.96	-11882.06
127+00.00	10.81	93.62	33.62	387.52	661.51	12897.48	-12235.97
128+00.00	14.34	73.87	46.58	310.17	708.09	13207.65	-12499.56
129+00.02	3.66	147.57	33.35	410.18	741.44	13617.83	-12876.39
130+00.00	5.42	82.66	16.82	426.25	758.25	14044.08	-13285.82
131+00.00	16.02	56.55	39.71	257.79	797.97	14301.87	-13503.90
132+00.00	4.11	109.57	37.27	307.63	835.24	14609.49	-13774.25
133+00.04	4.86	102.11	16.62	392.16	851.86	15001.65	-14149.80
134+00.00	11.29	81.76	29.90	340.36	881.76	15342.01	-14460.25
134+00.00	11.29	81.76	29.90	340.36	881.76	15342.01	-14460.25
135+00.00	10.89	106.92	41.07	349.39	922.82	15691.40	-14768.58
136+00.00	5.69	119.30	30.70	418.92	953.53	16110.32	-15156.79
137+00.00	22.17	59.77	51.60	331.60	1005.13	16441.92	-15436.79
138+00.00	5.16	110.42	50.62	315.17	1055.75	16757.08	-15701.33
139+00.00	4.30	106.20	17.53	401.16	1073.28	17158.24	-16084.96
140+00.00	5.41	94.73	17.99	372.10	1091.27	17530.33	-16439.06
141+00.00	5.79	136.57	20.75	428.33	1112.02	17958.67	-16846.65
142+00.00	1.65	159.37	13.78	548.05	1125.80	18506.71	-17380.91
143+00.00	1.44	192.47	5.72	651.56	1131.53	19158.27	-18026.75
144+00.00	0.00	217.09	2.67	758.44	1134.19	19916.71	-18782.51
145+00.00	0.20	241.95	0.37	850.08	1134.56	20766.78	-19632.22
146+00.00	0.00	320.43	0.37	1041.45	1134.93	21808.24	-20673.31

ELEVATION DATUM
THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

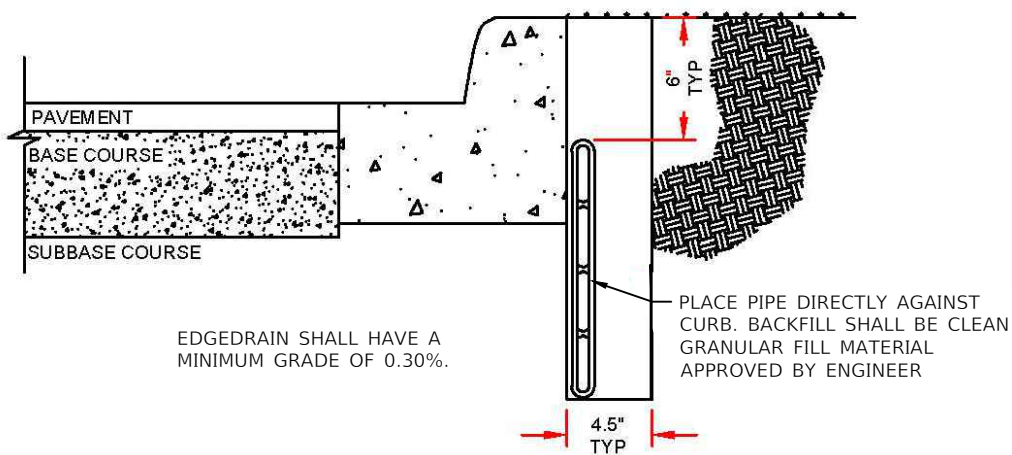
CITY OF PSL PROJECT NO. P22-169
PSLUSD PROJECT NO. 9-0915-G

REVISIONS				MACKENZIE ENGINEERING & PLANNING, INC. 1172 SW 30TH STREET, SUITE 500, PALM CITY, FLORIDA, 34990 C.A. 29013 SHAUN G. MACKENZIE P.E. P.E. NO. 61751	CITY OF PORT ST. LUCIE 121 SW PORT ST. LUCIE BLVD PORT ST. LUCIE BLVD, FL 34984		<i>SECTIONS VOLUMES</i>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		COUNTY	ROAD NO.		
8-29-22	REVISED PER CITY OF PSL				ST. LUCIE COUNTY	CROSSTOWN PARKWAY SEGMENT 2B		

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

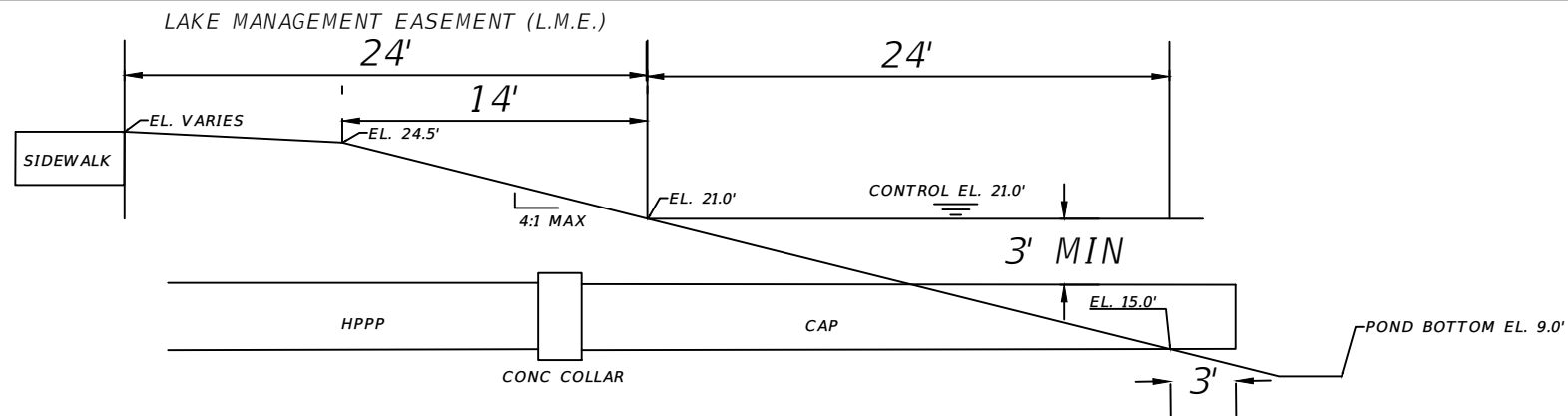


EDGE DRAIN CONNECTION DETAIL

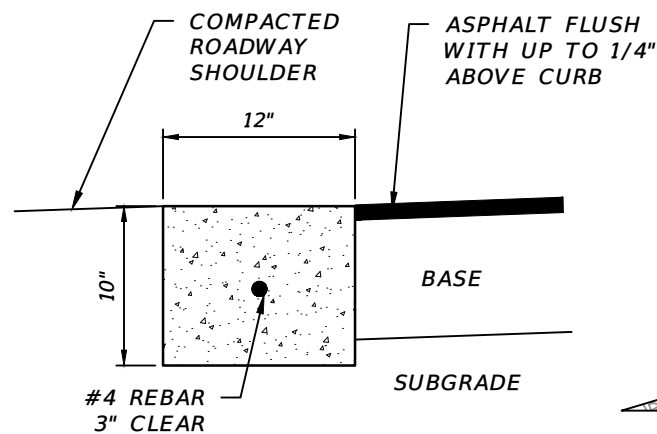


EDGE DRAIN DETAIL

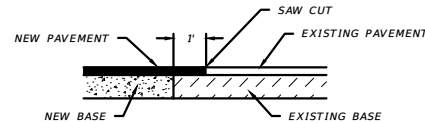
NOTE:
 CONTRACTOR TO VERIFY MATERIALS AND INSTALLATION METHODS OF EDGE DRAIN WITH MANUFACTURER AND CITY OF PSL. PRIOR TO INSTALLATION.



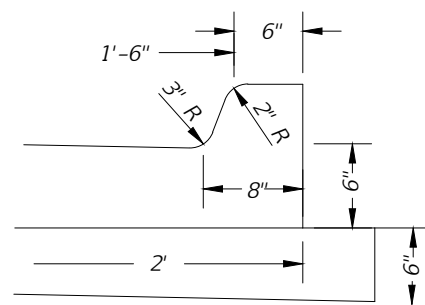
TYPICAL LAKE SECTION



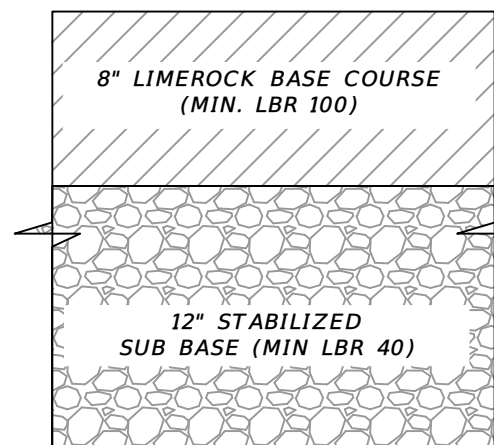
HEADER CURB DETAIL



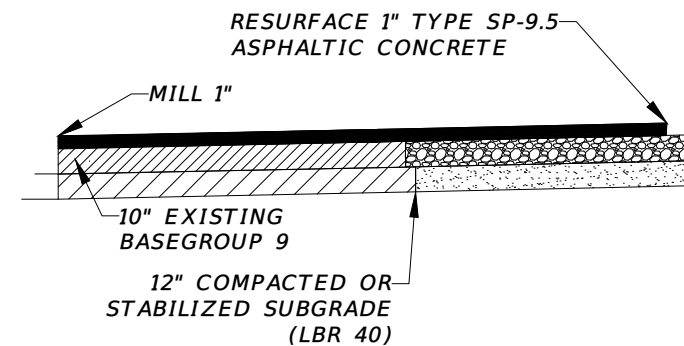
SAW CUT DETAIL



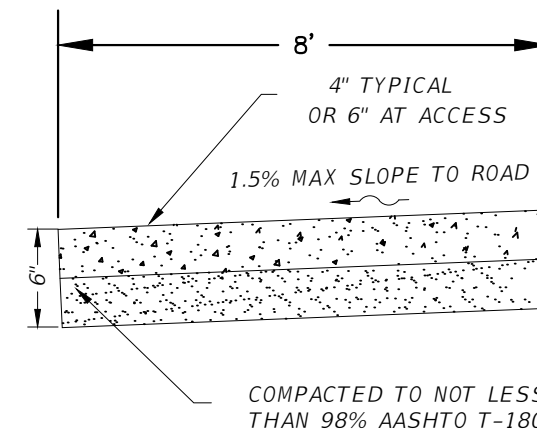
TYPE "F" CURB DETAIL



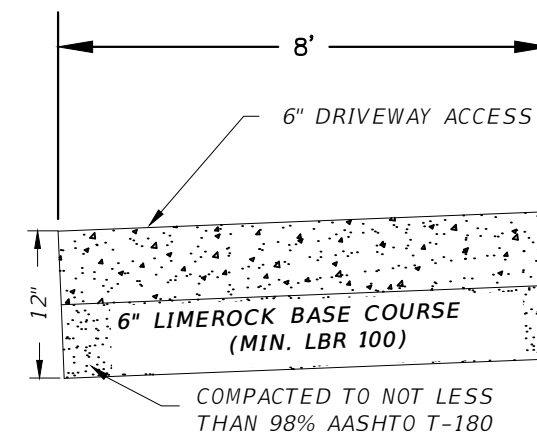
STABILIZED ACCESS



MILL AND RESURFACE DETAIL



SIDEWALK DETAIL



CONCRETE ACCESS DETAIL

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION
8-29-22	REVISED PER CITY OF PSL		

MACKENZIE ENGINEERING & PLANNING, INC.
 1172 SW 30TH STREET, SUITE 500,
 PALM CITY, FLORIDA, 34990
 C.A. 29013
 SHAUN G. MACKENZIE P.E.
 P.E. NO. 61751

CITY OF PORT ST. LUCIE
 121 SW PORT ST. LUCIE BLVD
 PORT ST. LUCIE BLVD, FL 34984

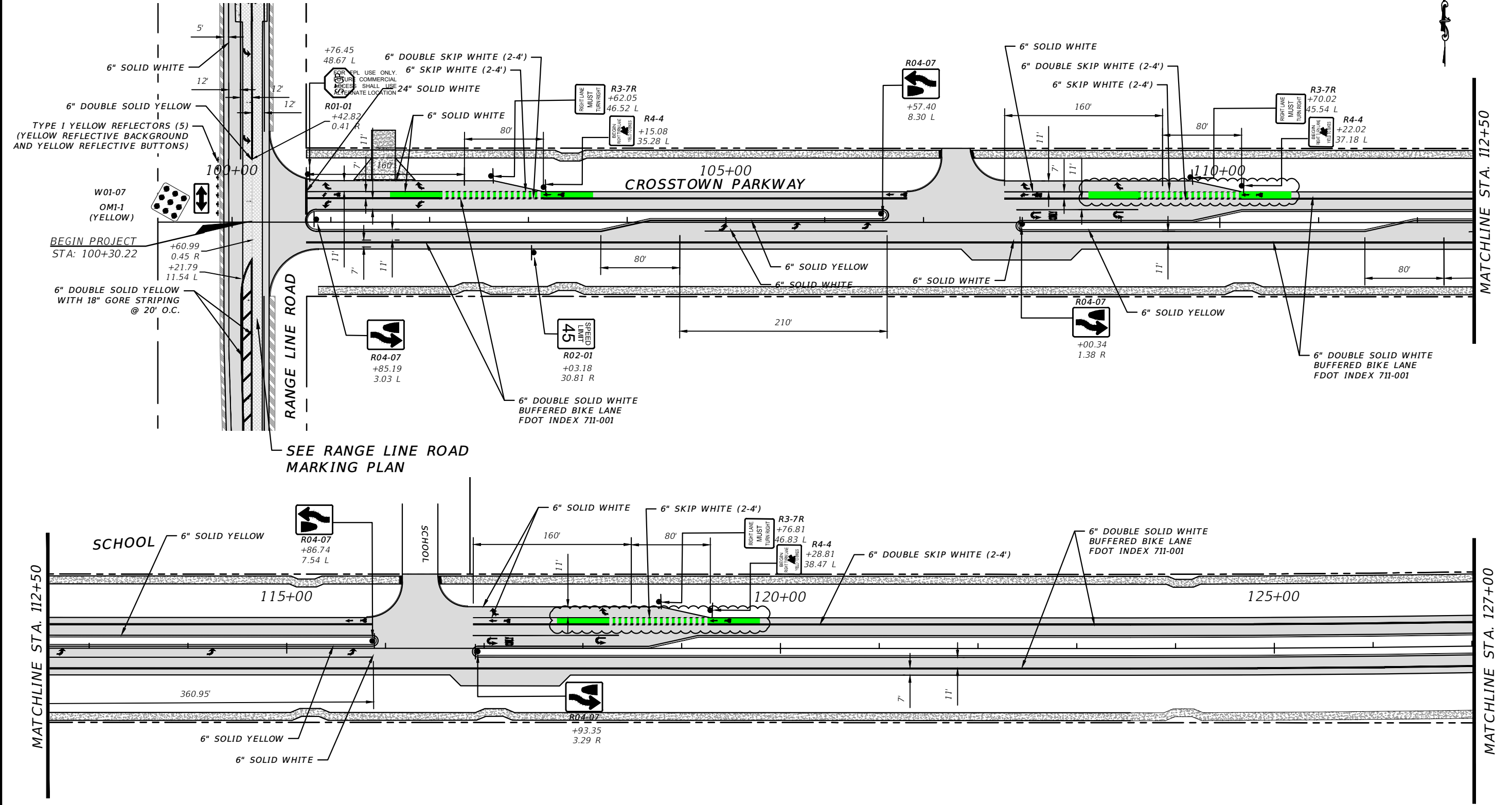
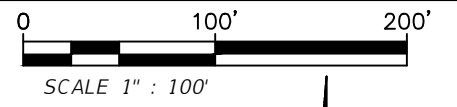
COUNTY	ROAD NO.
ST. LUCIE COUNTY	CROSSTOWN PARKWAY SEGMENT 2B

DETAILS

SHEET NO.

41

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



SEE RANGE LINE ROAD MARKING PLAN

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
8-29-22	REVISED PER CITY OF PSL		

MACKENZIE ENGINEERING & PLANNING, INC.
 1172 SW 30TH STREET, SUITE 500,
 PALM CITY, FLORIDA, 34990
 C.A. 29013
 SHAUN G. MACKENZIE P.E.
 P.E. NO. 61751

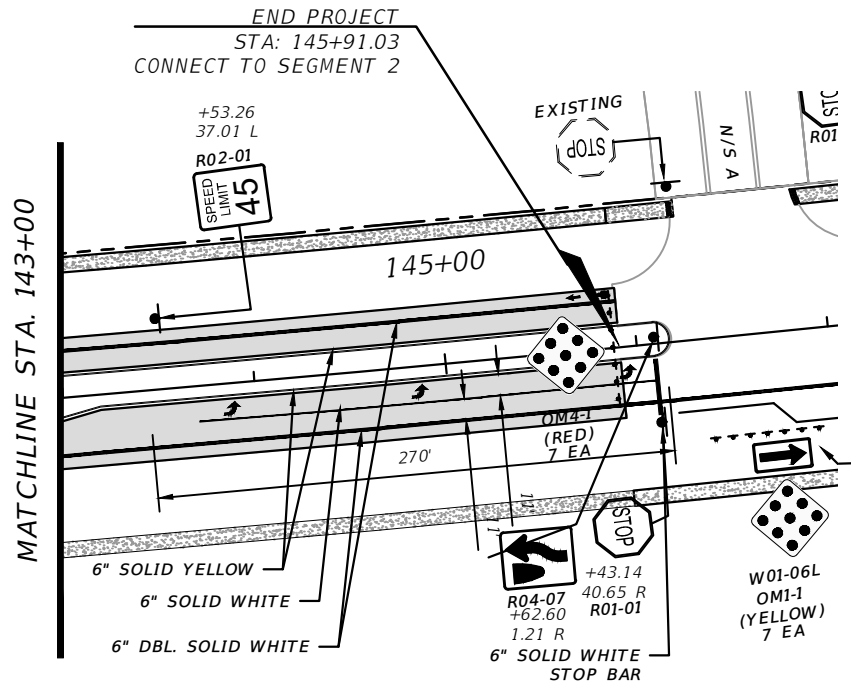
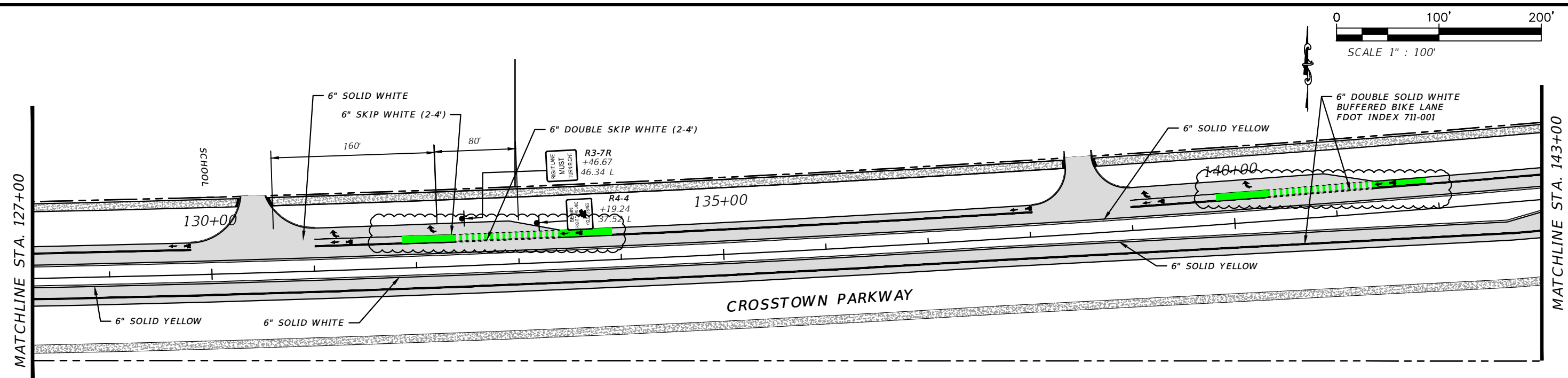
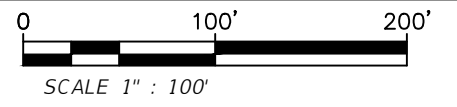
CITY OF PORT ST. LUCIE
 121 SW PORT ST. LUCIE BLVD
 PORT ST. LUCIE BLVD, FL 34984

COUNTY	ROAD NO.
ST. LUCIE COUNTY	CROSTOWN PARKWAY SEGMENT 2B

**PAVEMENT MARKING
AND SIGNAGE**

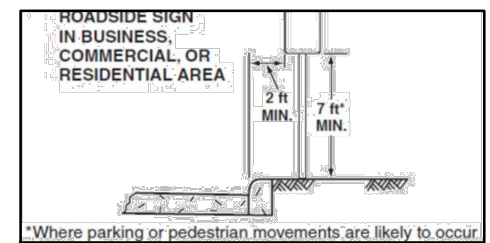
SHEET NO.
42

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

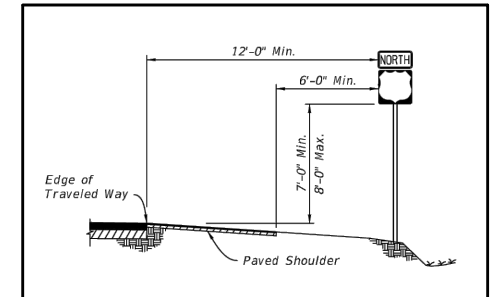


SEE SEGMENT 2

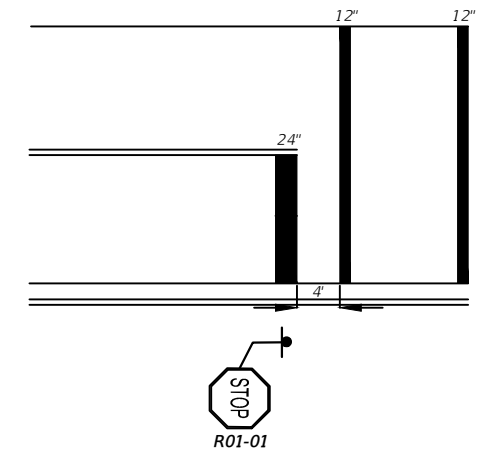
REMOVE W01-06L AND REPLACE WITH W01-07



ROAD SIGN LOCATION



ROAD SIGN LOCATION



STOP SIGN LOCATION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
8-29-22	REVISED PER CITY OF PSL		

MACKENZIE ENGINEERING & PLANNING, INC.
 1172 SW 30TH STREET, SUITE 500,
 PALM CITY, FLORIDA, 34990
 C.A. 29013
 SHAUN G. MACKENZIE P.E.
 P.E. NO. 61751

CITY OF PORT ST. LUCIE
 121 SW PORT ST. LUCIE BLVD
 PORT ST. LUCIE BLVD, FL 34984

COUNTY	ROAD NO.
ST. LUCIE COUNTY	CROSSTOWN PARKWAY SEGMENT 2B

CITY OF PSL PROJECT NO. P22-169
 PSLUSD PROJECT NO. 9-0915-G

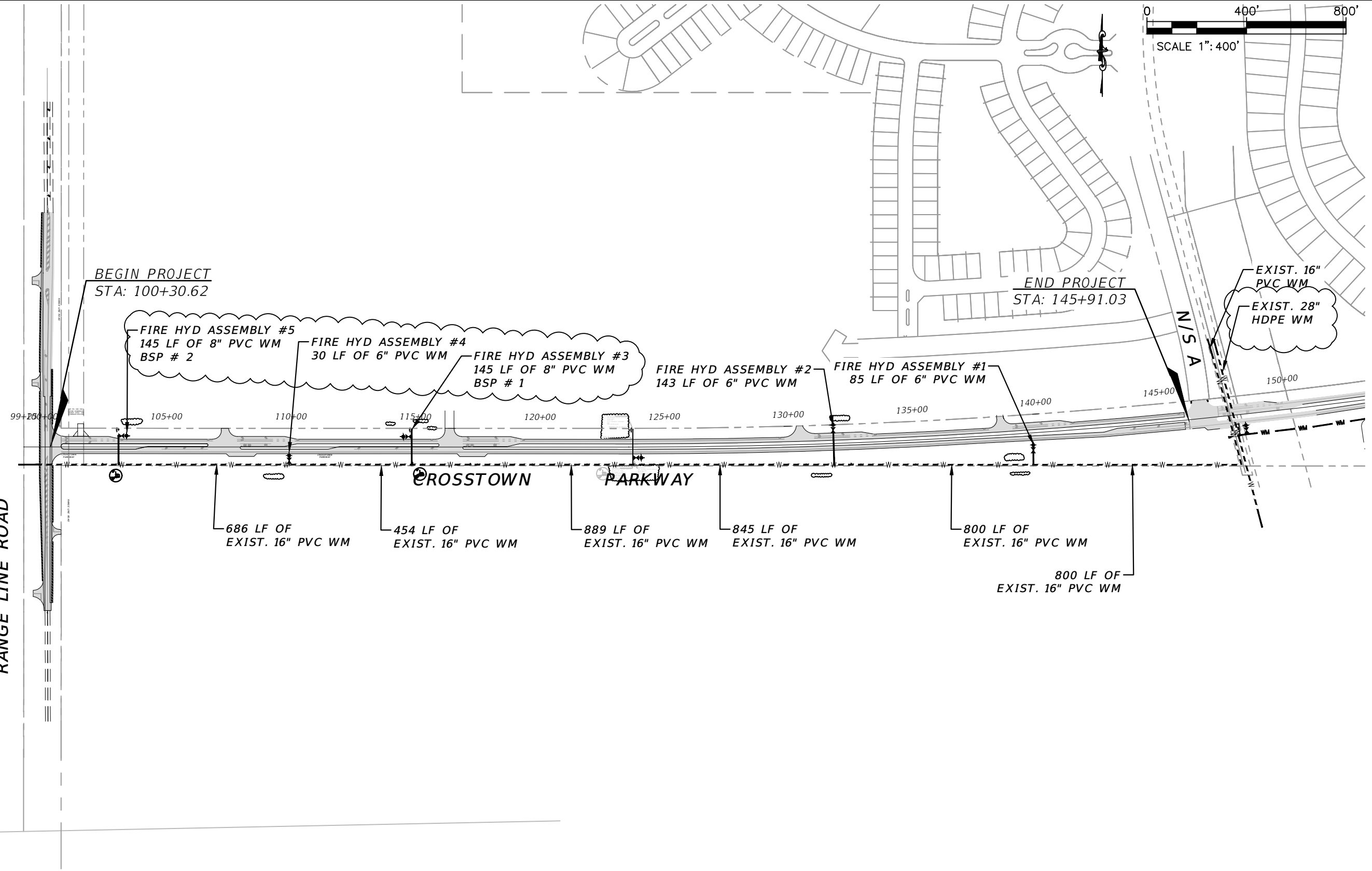
**PAVEMENT MARKING
AND SIGNAGE**

SHEET NO.
43

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

MATCHLINE STA. 140+40

RANGE LINE ROAD



ELEVATION DATUM
THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

CITY OF PSL PROJECT NO. P22-020
PSLUSD PROJECT NO. 9-0915-G

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
8-29-22	REVISED PER CITY OF PSL		

MACKENZIE ENGINEERING & PLANNING, INC.
1172 SW 30TH STREET, SUITE 500,
PALM CITY, FLORIDA, 34990
C.A. 29013
SHAUN G. MACKENZIE P.E.
P.E. NO. 61751

CITY OF PORT ST. LUCIE
121 SW PORT ST. LUCIE BLVD
PORT ST. LUCIE BLVD, FL 34984

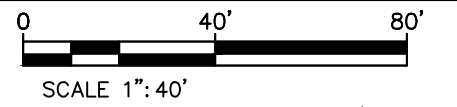
COUNTY	ROAD NO.
ST. LUCIE COUNTY	CROSSTOWN PARKWAY SEGMENT 2B

OVERALL UTILITY

SHEET NO. 44

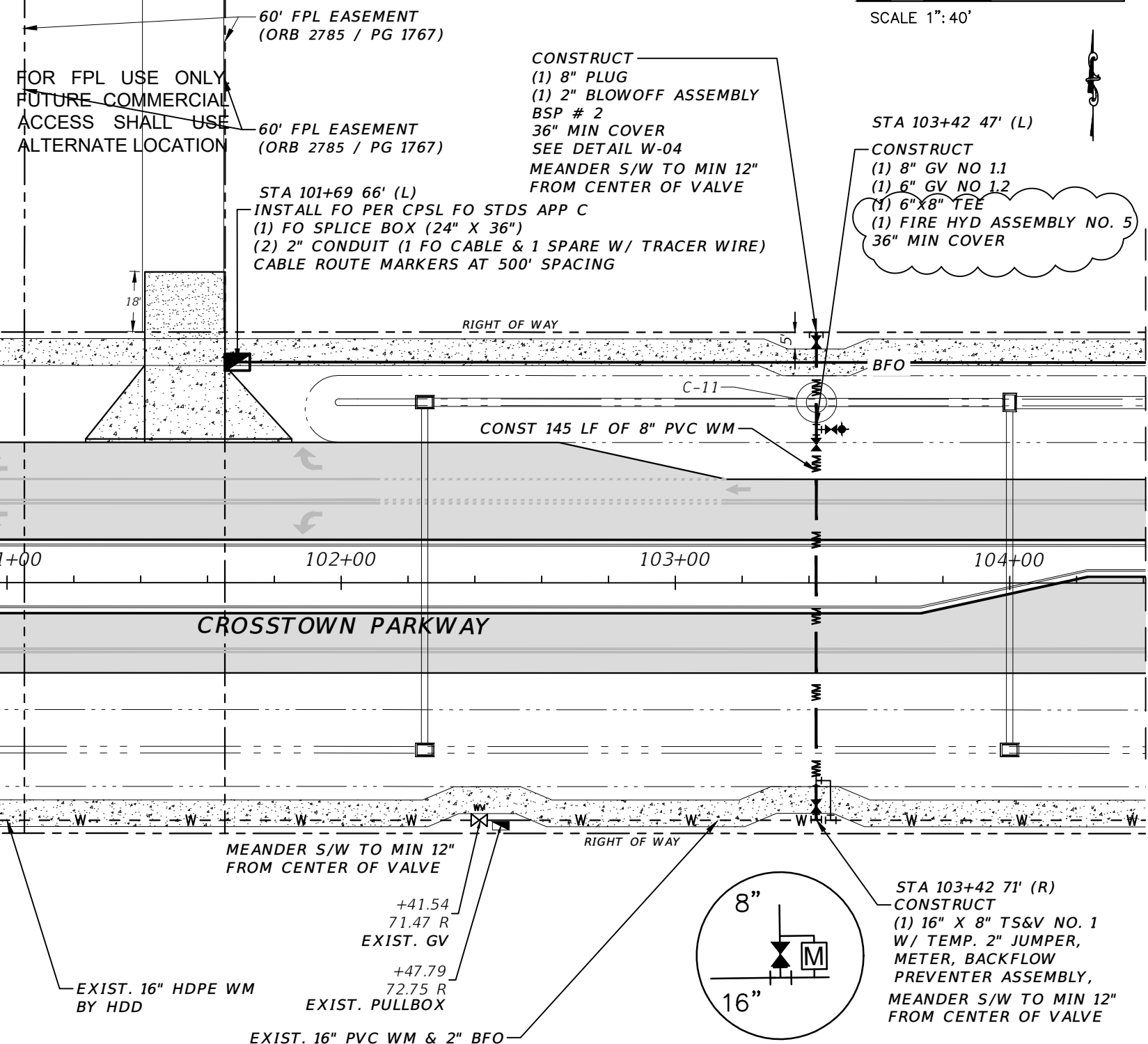
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Conflict	Separation	Bottom of WM	WM + Thck	Top of Pipe	Bottom of STM	Top of STM	Final Grade	Cover
C-11	1.50	16.62	9.05	17.38	18.88	21.21	23.84	2.63

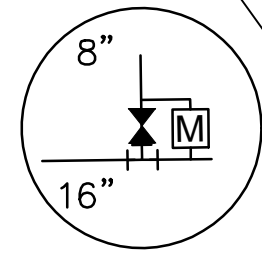


BEGIN PROJECT
STA: STA: 100+30.62

ELEVATION DATUM
THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)



STATION & OFFSET	PLAN ID	SIZE (IN.)	TYPE	FLUID	MANUFACTURER	MODEL	DATE SET	# TURNS	PSLUSD #
103+42' 71' R	1	16" X 8"	WTSSV	WATER					
103+42' 44' L	1.1	8"	RSGV	WATER					
103+42' 44' L	1.2	6"	RSGV	WATER					



STA 103+42 71' (R)
CONSTRUCT
(1) 16" X 8" TS&V NO. 1
W/ TEMP. 2" JUMPER,
METER, BACKFLOW
PREVENTER ASSEMBLY,
MEANDER S/W TO MIN 12"
FROM CENTER OF VALVE

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
8-29-22	REVISED PER CITY OF PSL		

MACKENZIE ENGINEERING & PLANNING, INC.
1172 SW 30TH STREET, SUITE 500,
PALM CITY, FLORIDA, 34990
C.A. 29013
SHAUN G. MACKENZIE P.E.
P.E. NO. 61751

CITY OF PORT ST. LUCIE
121 SW PORT ST. LUCIE BLVD
PORT ST. LUCIE, FL 34984

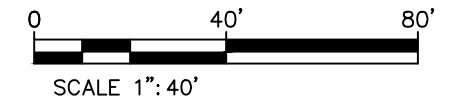
COUNTY ROAD NO.
ST. LUCIE COUNTY CROSSTOWN PARKWAY
SEGMENT 2B

CITY OF PSL PROJECT NO. P22-020
PSLUSD PROJECT NO. 9-0915-G

UTILITY ADJUSTMENT

SHEET NO.
45

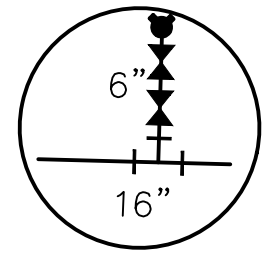
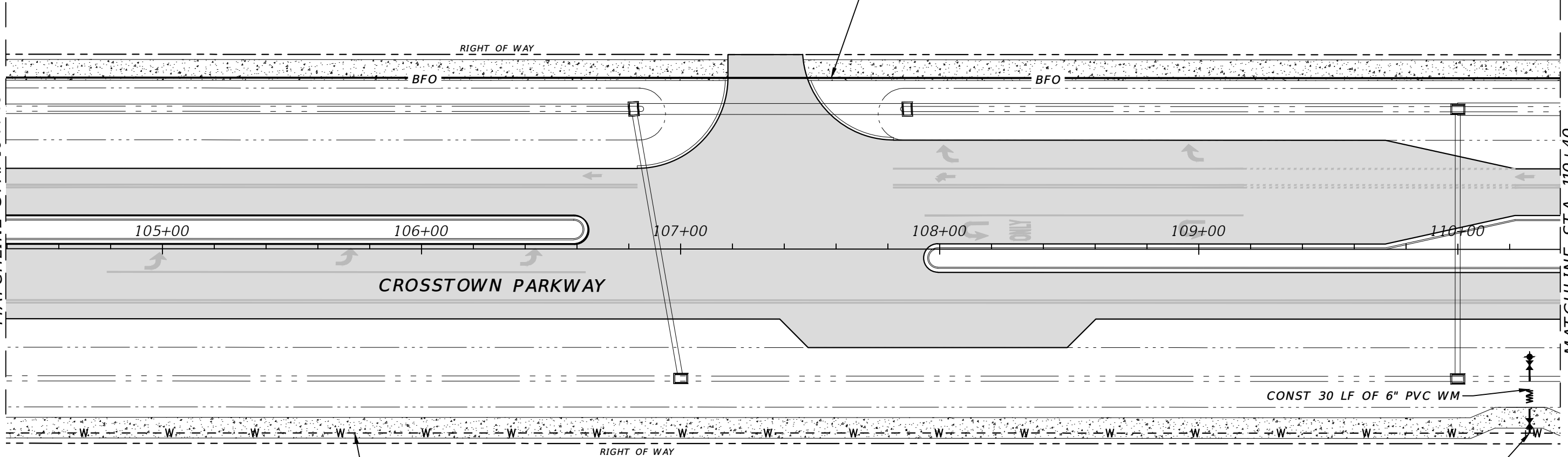
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



INSTALL FO PER CPSL FO STDS APP C
 (2) 2" CONDUIT (1 FO CABLE & 1 SPARE W/ TRACER WIRE)
 CABLE ROUTE MARKERS AT 500' SPACING

MATCHLINE STA. 104+40

MATCHLINE STA. 110+40



STA 110+28 71' (R)
 CONSTRUCT
 (1) 16" X 6" T&SV NO. 2
 (1) 6" GV NO. 2.1
 FIRE HYD ASSEMBLY NO. 4
 SEE DETAIL
 36" MIN COVER
 MEANDER S/W TO MIN 12"
 FROM CENTER OF VALVE

STATION & OFFSET	PLAN ID	SIZE (IN.)	TYPE	FLUID	MANUFACTURER	MODEL	DATE SET	# TURNS	PSLUSD #
110+28' 71' R	2	16" X 6"	WT&SV	WATER					
110+28' 38' R	2.1	6"	RSGV	WATER					

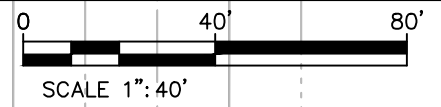
ELEVATION DATUM
 THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

CITY OF PSL PROJECT NO. P22-020
 PSLUSD PROJECT NO. 9-0915-G

REVISIONS				MACKENZIE ENGINEERING & PLANNING, INC. 1172 SW 30TH STREET, SUITE 500, PALM CITY, FLORIDA, 34990 C.A. 29013 SHAUN G. MACKENZIE P.E. P.E. NO. 61751	CITY OF PORT ST. LUCIE 121 SW PORT ST. LUCIE BLVD PORT ST. LUCIE BLVD, FL 34984	COUNTY ST. LUCIE COUNTY	ROAD NO. CROSSTOWN PARKWAY SEGMENT 2B	UTILITY ADJUSTMENT	SHEET NO. 46
DATE	DESCRIPTION	DATE	DESCRIPTION						
8-29-22	REVISED PER CITY OF PSL								

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

Conflict Separation	Bottom of WM	WM + Thck	Top of Pipe	Bottom of STM	Top of STM	Final Grade	Cover
C-10	1.50	21.69	9.05	22.44	15.68	20.19	25.44 3.00



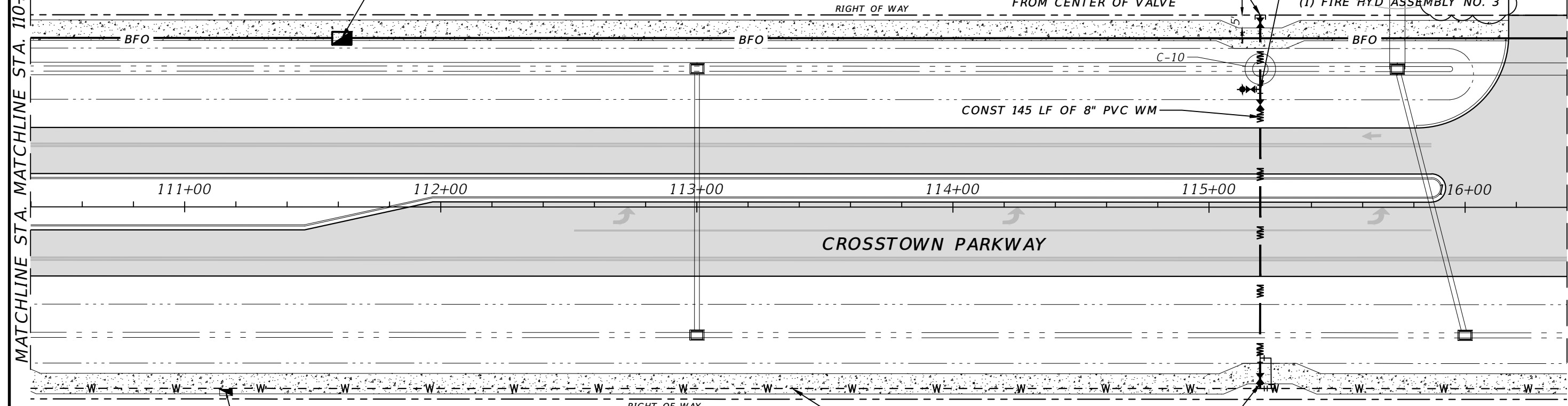
MATCHLINE STA. 110+40

MATCHLINE STA. 116+40

STA 111+61 66' (L)
 INSTALL FO PER CPSL FO STDS APP C
 (1) FO PULL BOX (17" X 30")
 (2) 2" CONDUIT (1 FO CABLE & 1 SPARE W/ TRACER WIRE)
 CABLE ROUTE MARKERS AT 500' SPACING

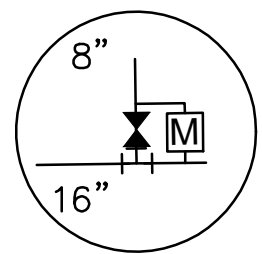
CONSTRUCT
 (1) 8" PLUG
 (1) 2" BLOWOFF ASSEMBLY
 BSP # 1
 SEE DETAIL W-04
 MEANDER S/W TO MIN 12"
 FROM CENTER OF VALVE

STA 115+13 46' (L)
 CONSTRUCT
 (1) 8" GV NO. 3.1
 (1) 6" X 8" TEE
 (1) 6" GV NO. 3.2
 (1) FIRE HYD ASSEMBLY NO. 3



+16.19
 72.47 R
 EXIST. PULLBOX

EXIST. 16" PVC WM & 2" BFO
 STA 115+20 70' (R)
 CONSTRUCT
 (1) 16" X 8" TS&V NO. 3
 W/ TEMP. 2" JUMPER,
 METER, BACKFLOW
 PREVENTER ASSEMBLY,
 36" MIN COVER
 MEANDER S/W TO MIN 12"
 FROM CENTER OF VALVE



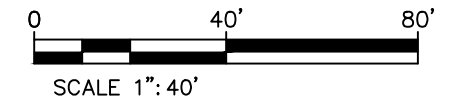
STATION & OFFSET	PLAN ID	SIZE (IN.)	TYPE	FLUID	MANUFACTURER	MODEL	DATE SET	# TURNS	PSLUSD #
115+20' 71' R	3	16" X 8"	WTS&V	WATER					
115+20' 58' L	3.1	8"	RSGV	WATER					
115+20' 58' L	3.2	6"	RSGV	WATER					

ELEVATION DATUM
 THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

CITY OF PSL PROJECT NO. P22-020
 PSLUSD PROJECT NO. 9-0915-G

REVISIONS		MACKENZIE ENGINEERING & PLANNING, INC. 1172 SW 30TH STREET, SUITE 500, PALM CITY, FLORIDA, 34990 C.A. 29013 SHAUN G. MACKENZIE P.E. P.E. NO. 61751	CITY OF PORT ST. LUCIE 121 SW PORT ST. LUCIE BLVD PORT ST. LUCIE BLVD, FL 34984		UTILITY ADJUSTMENT	SHEET NO. 47
DATE	DESCRIPTION		COUNTY	ROAD NO.		
8-29-22	REVISED PER CITY OF PSL		ST. LUCIE COUNTY	CROSSTOWN PARKWAY SEGMENT 2B		

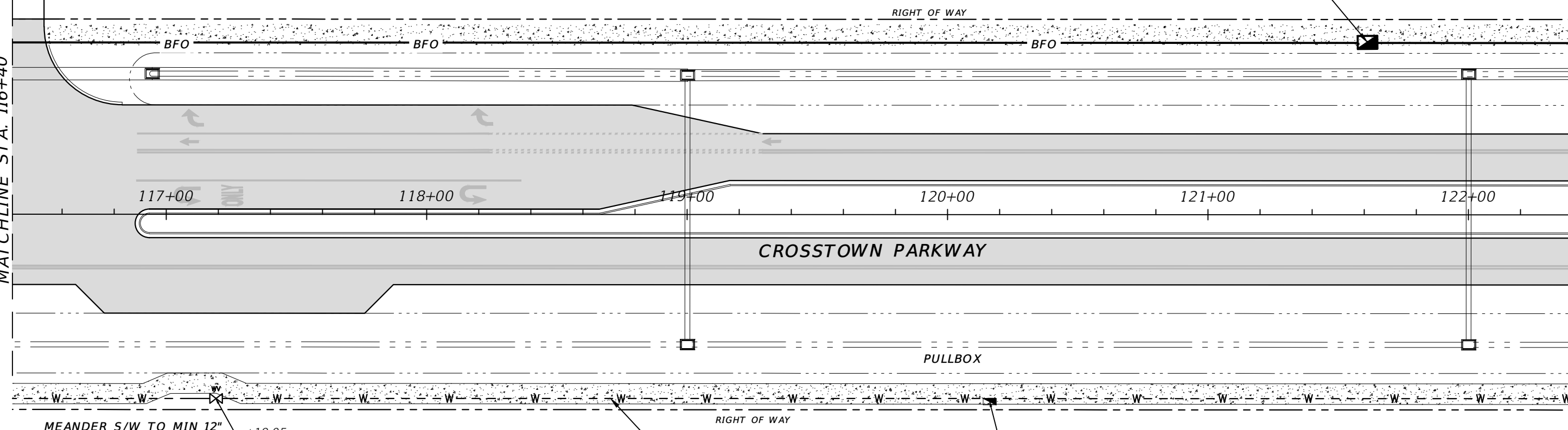
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



STA 121+61 66' (L)
 INSTALL FO PER CPSL FO STDS APP C
 (1) FO PULL BOX (17" X 30")
 (2) 2" CONDUIT (1 FO CABLE & 1 SPARE W/ TRACER WIRE)
 CABLE ROUTE MARKERS AT 500' SPACING

MATCHLINE STA. 116+40

MATCHLINE STA. 122+40



MEANDER S/W TO MIN 12"
 FROM CENTER OF VALVE
 +19.05
 70.79 R
 EXIST. GV

EXIST. 16" PVC WM & 2" BFO

+16.19
 71.88 R
 EXIST. PULLBOX

ELEVATION DATUM
 THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

CITY OF PSL PROJECT NO. P22-020
 PSLUSD PROJECT NO. 9-0915-G

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
8-29-22	REVISED PER CITY OF PSL		

MACKENZIE ENGINEERING & PLANNING, INC.
 1172 SW 30TH STREET, SUITE 500,
 PALM CITY, FLORIDA, 34990
 C.A. 29013
 SHAUN G. MACKENZIE P.E.
 P.E. NO. 61751

CITY OF PORT ST. LUCIE
 121 SW PORT ST. LUCIE BLVD
 PORT ST. LUCIE BLVD, FL 34984

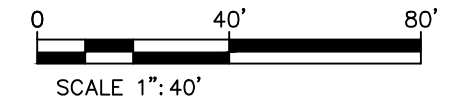
COUNTY	ROAD NO.
ST. LUCIE COUNTY	CROSSTOWN PARKWAY SEGMENT 2B

UTILITY ADJUSTMENT

SHEET NO.
 48

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

Conflict Separation	Bottom of WM	WM + Thck	Top of Pipe	Bottom of STM	Top of STM	Final Grade	Cover
C-9	1.50	14.39	9.05	15.15	16.65	20.60	23.95



MATCHLINE STA. 122+40

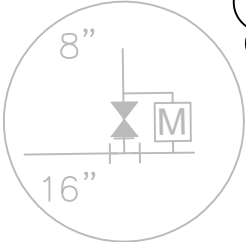
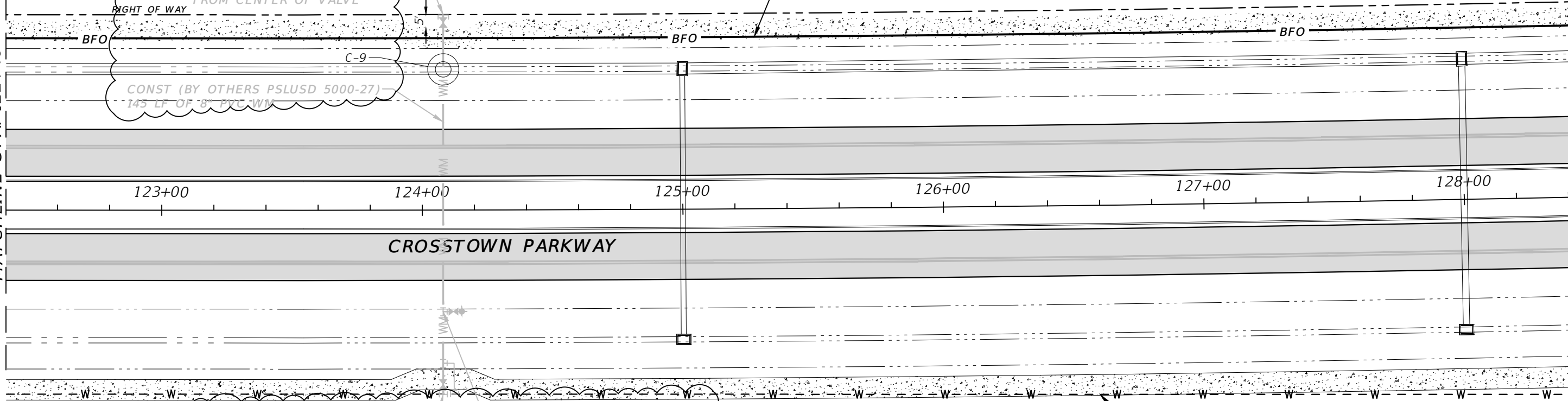
MATCHLINE STA. 128+40

CONSTRUCT
(BY OTHERS PSLUSD 5000-27)
(1) 8" PLUG
(1) 8" GV
(1) 2" BLOWOFF ASSEMBLY
BSP
SEE DETAIL W-04

MEANDER S/W TO MIN 12"
FROM CENTER OF VALVE

CONST (BY OTHERS PSLUSD 5000-27)
145 LF OF 8" PVC WM

INSTALL FO PER CPSL FO STDS APP C
(2) 2" CONDUIT (1 FO CABLE & 1 SPARE W/ TRACER WIRE)
CABLE ROUTE MARKERS AT 500' SPACING



CONSTRUCT
(BY OTHERS PSLUSD 5000-27)
(1) 16" X 8" TS&V
W/ TEMP. 2" JUMPER,
METER, BACKFLOW
PREVENTER ASSEMBLY,
36" MIN COVER
MEANDER S/W TO MIN 12"
FROM CENTER OF VALVE

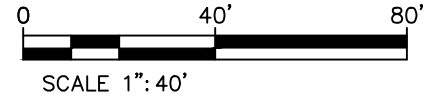
CONSTRUCT
(BY OTHERS PSLUSD 5000-27)
(1) 6"X8" TEE
(1) 6" GV
(1) FIRE HYD ASSEMBLY
36" MIN COVER

ELEVATION DATUM
THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

CITY OF PSL PROJECT NO. P22-020
PSLUSD PROJECT NO. 9-0915-G

REVISIONS				MACKENZIE ENGINEERING & PLANNING, INC. 1172 SW 30TH STREET, SUITE 500, PALM CITY, FLORIDA, 34990 C.A. 29013 SHAUN G. MACKENZIE P.E. P.E. NO. 61751	CITY OF PORT ST. LUCIE 121 SW PORT ST. LUCIE BLVD PORT ST. LUCIE BLVD, FL 34984		<i>UTILITY ADJUSTMENT</i>	SHEET NO. 49
DATE	DESCRIPTION	DATE	DESCRIPTION		COUNTY	ROAD NO.		
8-29-22	REVISED PER CITY OF PSL			ST. LUCIE COUNTY	CROSSTOWN PARKWAY SEGMENT 2B			

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

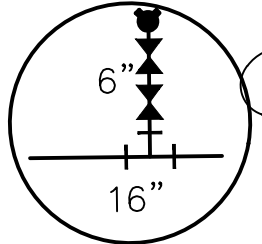
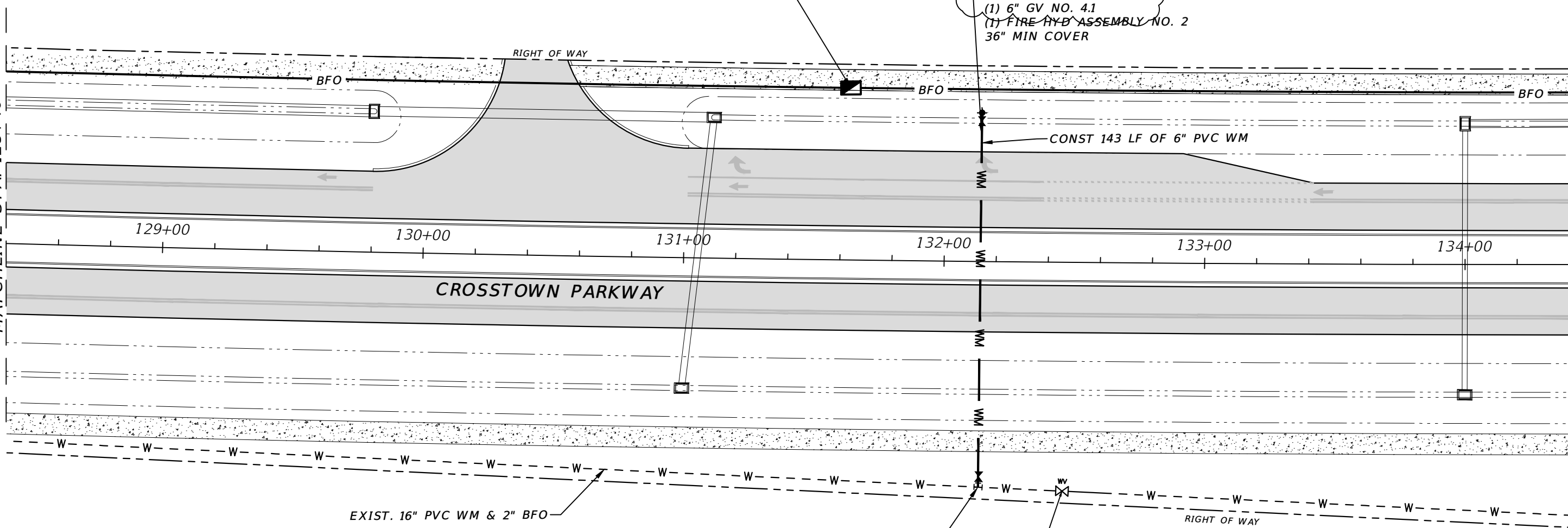


STA 131+63 66' (L)
 INSTALL FO PER CPSL FO STDS APP C
 (1) FO SPLICE BOX (24" X 36")
 (2) 2" CONDUIT (1 FO CABLE & 1 SPARE W/ TRACER WIRE)
 CABLE ROUTE MARKERS AT 500' SPACING

STA 132+14 57' (L)
 CONSTRUCT
 (1) 6" GV NO. 4.1
 (1) FIRE HYD ASSEMBLY NO. 2
 36" MIN COVER

MATCHLINE STA. 128+40

MATCHLINE STA. 134+40



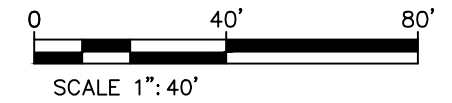
STATION & OFFSET	PLAN ID	SIZE (IN.)	TYPE	FLUID	MANUFACTURER	MODEL	DATE SET	# TURNS	PSLUSD #
132+14' 87' R	4	16" X 6"	WTS&V	WATER					
132+13' 57' L	4.1	6"	RSGV	WATER					

ELEVATION DATUM
 THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

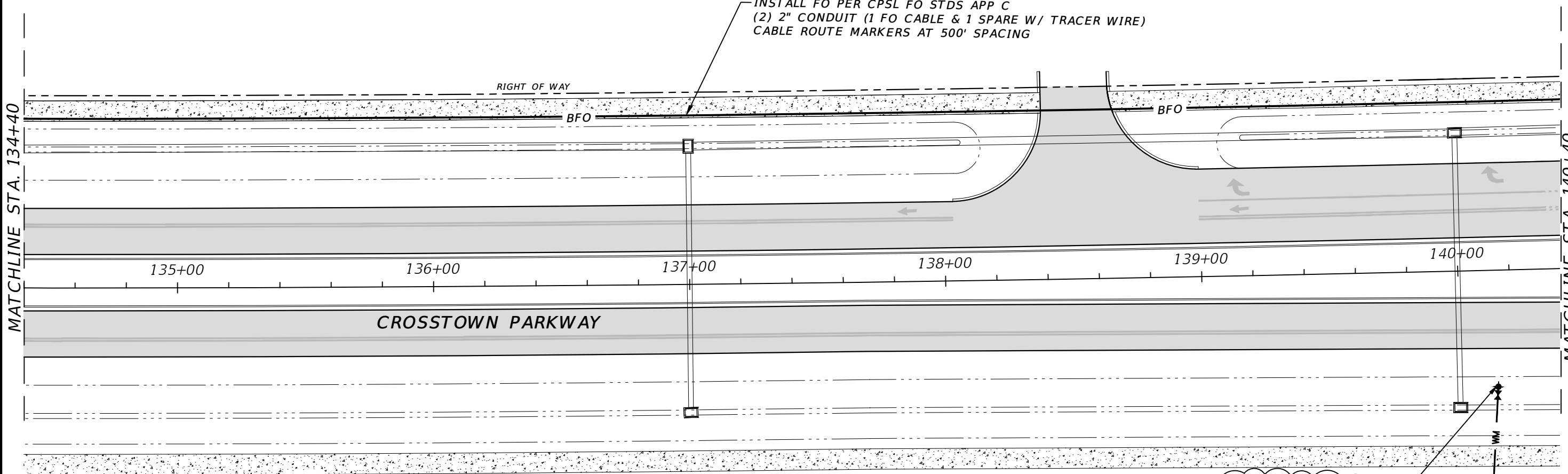
CITY OF PSL PROJECT NO. P22-020
 PSLUSD PROJECT NO. 9-0915-G

REVISIONS				MACKENZIE ENGINEERING & PLANNING, INC. 1172 SW 30TH STREET, SUITE 500, PALM CITY, FLORIDA, 34990 C.A. 29013 SHAUN G. MACKENZIE P.E. P.E. NO. 61751	CITY OF PORT ST. LUCIE		COUNTY ROAD NO. ST. LUCIE COUNTY CROSSTOWN PARKWAY SEGMENT 2B	<i>UTILITY ADJUSTMENT</i>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ST. LUCIE COUNTY	50			
8-29-22	REVISED PER CITY OF PSL								

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



INSTALL FO PER CPSL FO STDS APP C
 (2) 2" CONDUIT (1 FO CABLE & 1 SPARE W/ TRACER WIRE)
 CABLE ROUTE MARKERS AT 500' SPACING



MATCHLINE STA. 134+40

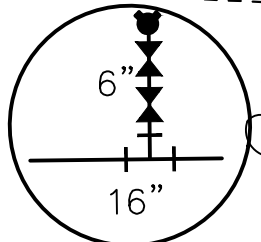
MATCHLINE STA. 140+40

STA 140+15 46' (R)
 CONSTRUCT
 (1) 6" GV NO. 5.1
 FIRE HYD ASSEMBLY NO. 1
 36" MIN COVER

CONST 85 LF OF 6" PVC WM

EXIST. 16" PVC WM & 2" BFO

+09.72
 117.60 R
 EXIST. PULLBOX



STA 140+09 130' (R)
 CONSTRUCT
 (1) 16" X 6" TS&V NO. 5
 SEE DETAIL

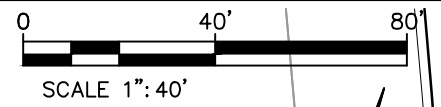
STATION & OFFSET	PLAN ID	SIZE (IN.)	TYPE	FLUID	MANUFACTURER	MODEL	DATE SET	# TURNS	PSLUSD #
140+09' 130'	R	5	16" X 6"	WTS&V	WATER				
140+15 45'	R	5.1	6"	RSGV	WATER				

ELEVATION DATUM
 THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

CITY OF PSL PROJECT NO. P22-020
 PSLUSD PROJECT NO. 9-0915-G

REVISIONS				MACKENZIE ENGINEERING & PLANNING, INC. 1172 SW 30TH STREET, SUITE 500, PALM CITY, FLORIDA, 34990 C.A. 29013 SHAUN G. MACKENZIE P.E. P.E. NO. 61751	CITY OF PORT ST. LUCIE 121 SW PORT ST. LUCIE BLVD PORT ST. LUCIE BLVD, FL 34984		<i>UTILITY ADJUSTMENT</i>	SHEET NO. 51
DATE	DESCRIPTION	DATE	DESCRIPTION		COUNTY	ROAD NO.		
8-29-22	REVISED PER CITY OF PSL				ST. LUCIE COUNTY	CROSSTOWN PARKWAY SEGMENT 2B		

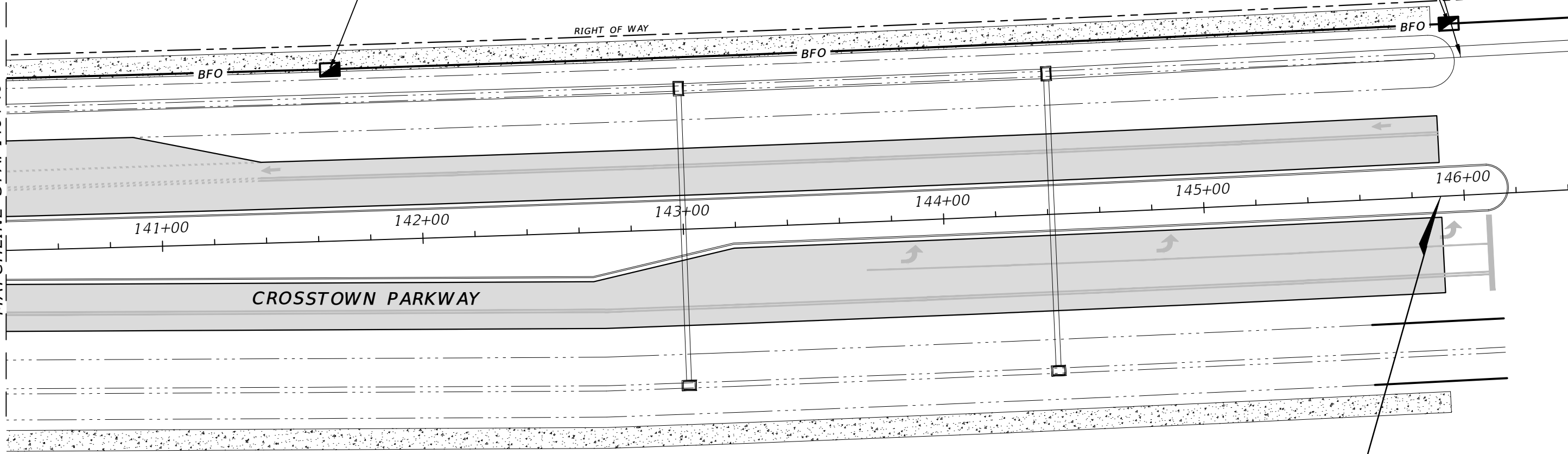
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



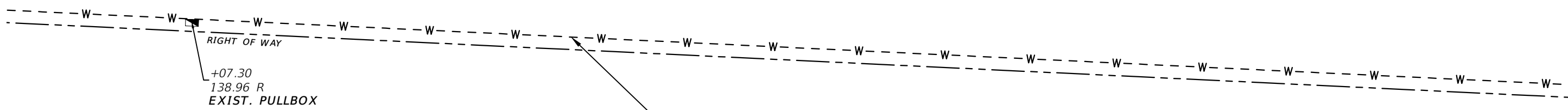
STA 141+66 66' (L)
 INSTALL FO PER CPSL FO STDS APP C
 (1) FO PULL BOX (17" X 30")
 (2) 2" CONDUIT (1 FO CABLE & 1 SPARE W/ TRACER WIRE)
 CABLE ROUTE MARKERS AT 500' SPACING

BEGIN SEGMENT 2B
 END SEGMENT 2A PH. 2
 REMOVE PLUG
 AND CONSTRUCT 42" HPPP
 STA 145+97 66' (L)
 INSTALL FO PER CPSL
 FO STDS APP C
 (1) FO SPLICE BOX (24" X 36")

MATCHLINE STA. 140+40



PULLBOX



ELEVATION DATUM
 THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

CITY OF PSL PROJECT NO. P22-020
 PSLUSD PROJECT NO. 9-0915-G

REVISIONS				MACKENZIE ENGINEERING & PLANNING, INC. 1172 SW 30TH STREET, SUITE 500, PALM CITY, FLORIDA, 34990 C.A. 29013 SHAUN G. MACKENZIE P.E. P.E. NO. 61751	CITY OF PORT ST. LUCIE		<i>UTILITY ADJUSTMENT</i>	SHEET NO. 45
DATE	DESCRIPTION	DATE	DESCRIPTION		COUNTY	ROAD NO.		
8-29-22	REVISED PER CITY OF PSL				ST. LUCIE COUNTY	CROSSTOWN PARKWAY SEGMENT 2B		

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

MINIMUM SEPARATION BETWEEN PSLUSD FACILITIES AND OTHER UTILITIES

OTHER PIPE	HORIZONTAL SEPARATION	CROSSINGS (1)	JOINT SPACING @ CROSSINGS (FULL JOINT CENTERED)
GRAVITY OR PRESSURE SANITARY SEWER, SANITARY SEWER FORCE MAIN, RECLAIMED WATER (2), (3), VACUUM SANITARY SERVICE, STORM SEWER, STORM SEWER FORCE MAIN	 10' MINIMUM	 18" MINIMUM	 6' MINIMUM
ALL OTHER FACILITIES, INCLUDING BUT NOT LIMITED TO: TELEPHONE, CABLE TV, POWER, ETC.	 5' MINIMUM	 18" MINIMUM	 3' MINIMUM
ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM	10' MINIMUM

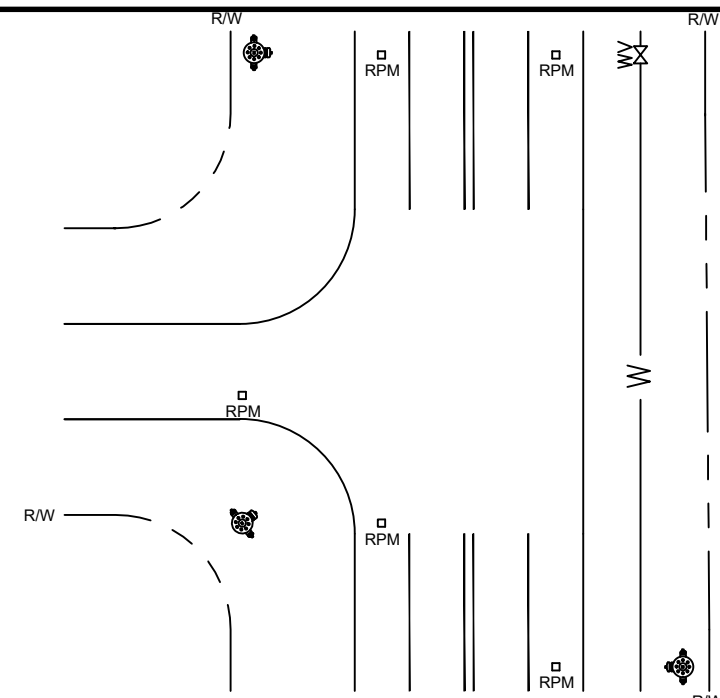
- (1) WATER MAIN SHOULD CROSS OVER OTHER PIPE. WHEN WATER MAIN MUST BE BELOW OTHER PIPE, THE MINIMUM SEPARATION IS 18".
- (2) RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.
- (3) RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.
- (4) A PSLUSD FACILITY INCLUDES MAINS AND STRUCTURES FOR POTABLE WATER, WASTEWATER AND RECLAIMED WATER.

STANDARD SEPARATION REQUIREMENTS G-01

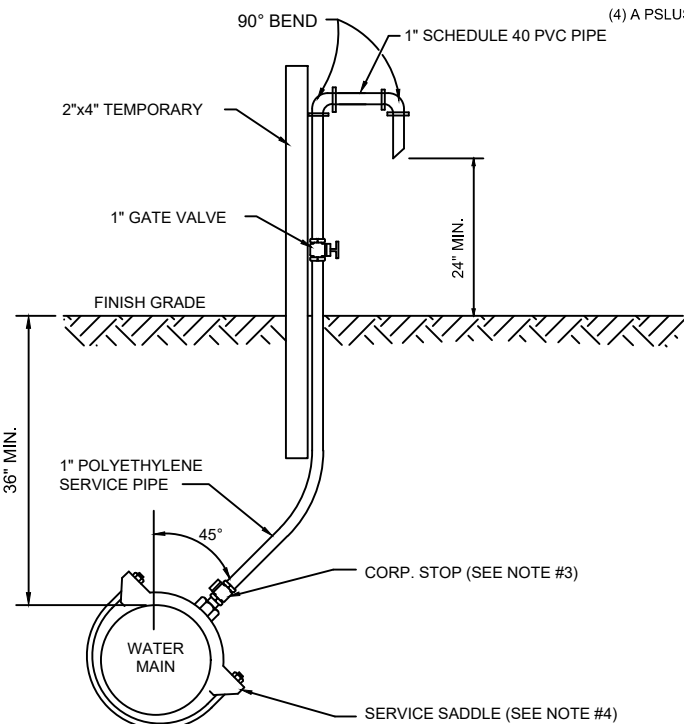
SCALE: N.T.S.
DATE: 2019

FIRE HYDRANT REFLECTIVE PAVEMENT MARKER PLACEMENT GUIDELINE W-08

SCALE: N.T.S.
DATE: 2019



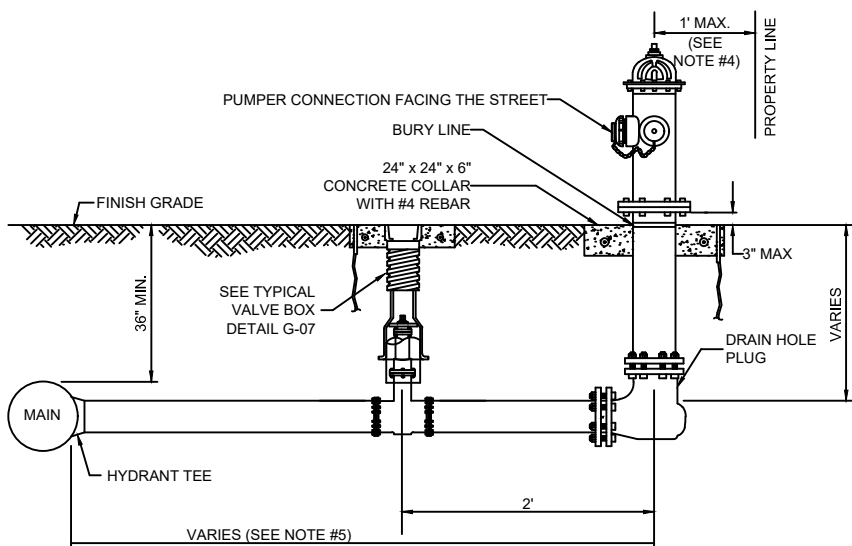
- NOTES:**
1. MARKER COLOR IS BLUE. PLACE IN CENTER OF THE LANE CLOSEST TO THE HYDRANT.
 2. IF HYDRANT IS LOCATED WITHIN THE RADIUS OF AN INTERSECTION PLACE A MARKER ON EACH ROADWAY IN THE CENTER LANES CLOSEST TO THE HYDRANT.
 3. MARKER IS PLACED PERPENDICULAR (90 DEGREES) TO THE HYDRANT.



- NOTES:**
1. SAMPLING POINTS SHALL BE LOCATED AS SHOWN ON PLANS APPROVED BY PSLUSD AND AS REQUIRED BY FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION. A SAMPLE POINT MAP (SINGLE SHEET PDF) SHALL BE SUBMITTED TO PSLUSD FOR REVIEW PRIOR TO DISINFECTION.
 2. THE EXCAVATED HOLE FOR THIS INSTALLATION SHALL BE BACKFILLED TO FINISHED GRADE PRIOR TO DISCHARGING ANY WATER ON THE GROUND.
 3. AFTER BACTERIOLOGICAL CLEARANCE IS RECEIVED, THE CONTRACTOR SHALL TURN CORPORATION STOP OFF, REMOVE TUBING AND PLUG CORPORATION STOP WITH BRASS PLUG/CAP.
 4. NO DIRECT TAPS SHALL BE PERMITTED.

WATER SAMPLING POINT W-05

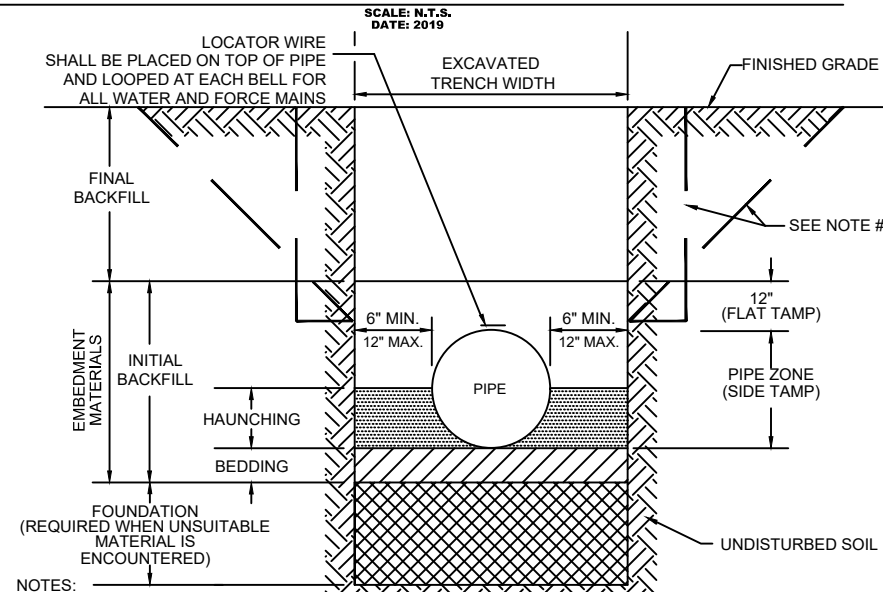
SCALE: N.T.S.
DATE: 2019



- NOTES:**
1. HYDRANTS SHALL BE INSTALLED IN ACCORDANCE WITH ANSI/AWWA C600. THE HYDRANTS SHALL BE PAINTED BY THE MANUFACTURER WITH 2 COATS (MIN.).
 2. VERTICAL BENDS MAY BE NECESSARY TO OBTAIN COVER UNDER SWALES OR AT HYDRANT LOCATION. VERTICAL BENDS OR OFFSETS ARE INCLUDED IN HYDRANT ASSEMBLY. ALL BENDS MUST BE RESTRAINED.
 3. CONNECTOR PIPE AND ANY REQUIRED VERTICAL BENDS SHALL HAVE AN ANCHORING FEATURE ON BOTH ENDS SO THAT WHEN USED WITH M.J. SPLIT GLANDS, A RESTRAINED JOINT IS PROVIDED.
 4. WHEN INSTALLED WITH SIDEWALK OR CURB, PROVIDE MIN. 2 FOOT CLEARANCE TO ANY PORTION OF THE HYDRANT, UTILIZING THE SIDE LOT EASEMENT IF NECESSARY.
 5. A GATE VALVE SHALL BE INSTALLED WITHIN 2 FEET OF THE FIRE HYDRANT. IF DISTANCE FROM THE WATER MAIN TO THE FIRE HYDRANT IS GREATER THAN 20 FEET, A SECOND GATE VALVE SHALL BE INSTALLED WITHIN 2 FEET OF THE MAIN.
 6. ANY DEVIATIONS FROM THE CRITERIA ABOVE REQUIRE A WRITTEN RECOMMENDATION FROM THE ENGINEER-OF-RECORD AND WRITTEN APPROVAL BY PSLUSD.

FIRE HYDRANT ASSEMBLY W-06

SCALE: N.T.S.
DATE: 2019



- NOTES:**
1. FOR TRENCHES REQUIRING SHEETING, SHORING, STAY BRACING, TRENCH JACKS OR TRENCH BOX, DIMENSIONS SHALL BE TAKEN FROM THE INSIDE FACE OF THE SUPPORTS.
 2. IF THE MAXIMUM TRENCH WIDTH MUST BE EXCEEDED, THE AREA OUTSIDE OF THE MAXIMUM EMBEDMENT SHALL BE COMPACTED TO FINAL BACKFILL REQUIREMENTS. IF THE PIPE IS INSTALLED IN A COMPACTED EMBANKMENT, THE EMBANKMENT SHALL BE IN PLACE AND COMPACTED TO 12" MIN. COVER BEFORE INSTALLATION OF PIPE.
 3. IF BEDDING IS REQUIRED TO BRING TRENCH BOTTOM UP TO GRADE AND PROVIDE UNIFORM AND ADEQUATE LONGITUDINAL SUPPORT UNDER THE PIPE, THEN A MINIMUM COMPACTED DEPTH OF 4 TO 6 INCHES OF SELECT EMBEDMENT MATERIAL IS REQUIRED.
 4. THE CONTRACTOR SHALL COMPLY WITH REQUIREMENTS OF THE FLORIDA TRENCH SAFETY ACT.
 5. AN APPROVED LOCATOR WIRE SHALL BE USED.
 6. EARTHWORK, EXCAVATION, BACKFILL AND COMPACTION SHALL BE IN ACCORDANCE WITH PSLUSD STANDARDS.

STANDARD PIPE TRENCH CROSS SECTION G-04

SCALE: N.T.S.
DATE: 2019

CITY OF PSL PROJECT NO. P22-020
PSLUSD PROJECT NO. 9-0915-G

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
8-29-22	REVISED PER CITY OF PSL		

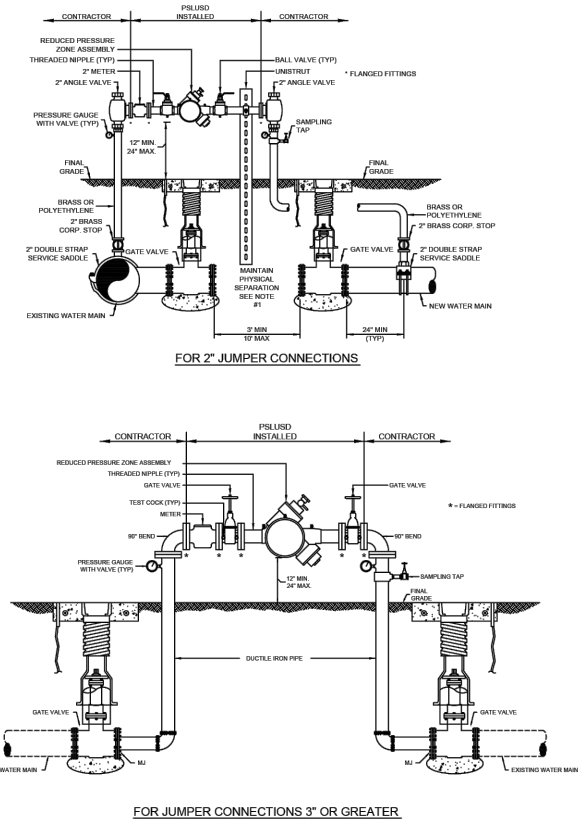
MACKENZIE ENGINEERING & PLANNING, INC.
1172 SW 30TH STREET, SUITE 500,
PALM CITY, FLORIDA, 34990
C.A. 29013
SHAUN G. MACKENZIE P.E.
P.E. NO. 61751

CITY OF PORT ST. LUCIE
121 SW PORT ST. LUCIE BLVD
PORT ST. LUCIE BLVD, FL 34984

COUNTY ROAD NO.
ST. LUCIE COUNTY CROSSTOWN PARKWAY
SEGMENT 2B

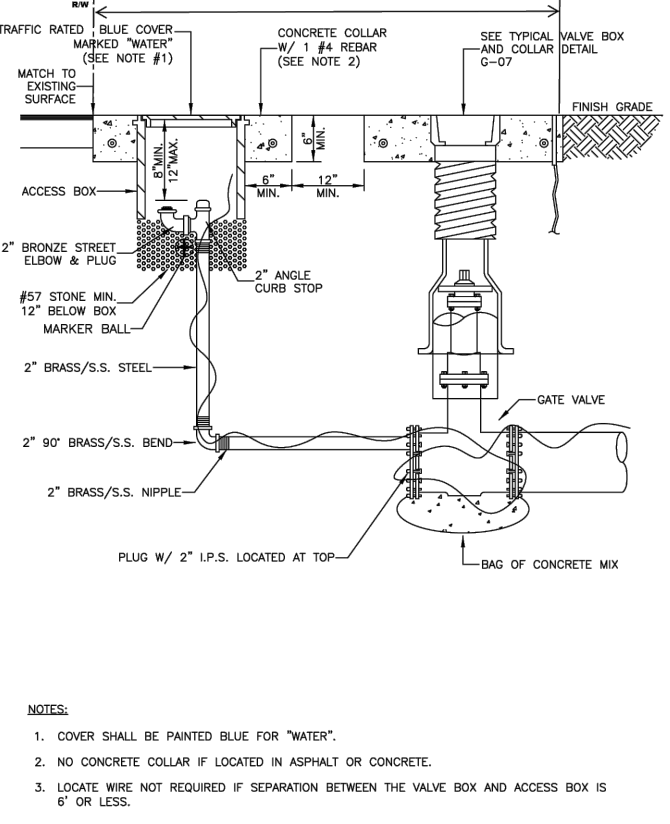
UTILITY DETAILS

SHEET NO.
53



NOTES:

- A TEMPORARY JUMPER CONNECTION SHALL BE PROVIDED IN ACCORDANCE WITH THIS DETAIL WHEN AN EXISTING PSLUSD WATER MAIN WILL BE USED FOR FILLING, FLUSHING OR PIGGING A NEWLY CONSTRUCTED POTABLE WATER, WASTEWATER FORCE MAIN OR RECLAIMED WATER MAIN. A DIRECT CONNECTION SHALL NOT BE MADE UNDER ANY CIRCUMSTANCES. THE SIZE OF THE JUMPER CONNECTION SHALL BE SPECIFIED BY THE ENGINEER-OF-RECORD (EOR) BASED ON VELOCITY REQUIRED TO FLUSH THE MAIN.
- THE CONTRACTOR SHALL CONTACT THE PSLUSD REGARDING SCHEDULING OF REQUIRED INSPECTIONS RELATING TO THE CONNECTION. PSLUSD INSPECTIONS ARE SPECIFICALLY REQUIRED FOR TIE-INS OR WET TAPS TO EXISTING MAINS, JUMPER INSTALLATION, FLUSHING, PIGGING, PRESSURE TESTING, DISINFECTION, SAMPLING, PLUGGING OF SAMPLING POINTS AND PERMANENT CONNECTION OF THE NEW MAIN. THE CONTRACTOR SHALL FOLLOW ALL PROCEDURES STRICTLY IN ACCORDANCE WITH THE PSLUSD UTILITY STANDARDS MANUAL.
- THE TEMPORARY JUMPER ASSEMBLY (FLANGE TO FLANGE) WILL BE SUPPLIED, INSTALLED AND TESTED BY THE PSLUSD, IN COORDINATION WITH THE EOR AND CONTRACTOR. OTHER MATERIALS AND INSTALLATION REQUIRED FOR THE CONNECTION ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL DISINFECT THE PIPE AND FITTINGS USED TO MAKE THE CONNECTION BY SPRAYING AND SWABBING WITH CHLORINE AS NECESSARY. A SUPPORT SHALL BE PROVIDED FOR THE ASSEMBLY AS NECESSARY. THE UNDERGROUND FITTINGS SHALL BE RESTRAINED MECHANICAL JOINT TYPE. ALL MATERIALS SHALL BE PER THE PSLUSD APPROVED QUALIFIED PRODUCTS LIST. THE JUMPER CONNECTION SHALL BE MAINTAINED BY THE CONTRACTOR UNTIL THE ASSEMBLY IS REMOVED BY THE PSLUSD. THE VALVES SHALL BE OPERATED BY PSLUSD PERSONNEL ONLY.
- ALL NEW WATER MAINS SHALL BE DOUBLE-PIGGED, FLUSHED, PRESSURE TESTED AND DISINFECTED. NEW MAIN SHALL NOT BE PLACED INTO SERVICE UNTIL THE BACTERIOLOGICAL TEST RESULTS ARE SATISFACTORY AND A WRITTEN APPROVAL HAS BEEN OBTAINED FROM THE PSLUSD.
- PIGGING AND FLUSHING SHALL BE PERFORMED BY THE CONTRACTOR IN THE PRESENCE OF A PSLUSD INSPECTOR. WATER MAINS SHALL BE PRESSURE TESTED AFTER FLUSHING AND PRIOR TO DISINFECTION. ALL VALVES SHALL REMAIN CLOSED DURING THE PRESSURE TEST AND WILL NOT BE OPENED UNTIL THE RESULTS OF PRESSURE TESTING AND BACTERIOLOGICAL TESTING ARE SATISFACTORY AND THE SYSTEM HAS BEEN ACCEPTED FOR OPERATION BY THE PSLUSD. ALL VALVES SHALL BE CLOSED BY PSLUSD PERSONNEL AFTER FLUSHING AND SHALL REMAIN CLOSED DURING THE PRESSURE TEST.
- DISINFECTION OF POTABLE WATER MAINS SHALL BE CONDUCTED IN ACCORDANCE WITH AWWA C651. A MINIMUM PRESSURE OF 20 PSI SHALL BE MAINTAINED IN THE NEW MAIN AFTER DISINFECTION.
- CONNECTION TO EXISTING WATER MAINS SHALL NOT BE MADE PRIOR TO BACTERIOLOGICAL CLEARANCE AND UNTIL NEW MAIN IS OWNED BY THE PSLUSD.
- UPON WRITTEN APPROVAL, THE SAMPLING POINTS SHALL BE REMOVED AND PLUGGED BY THE CONTRACTOR. THE CONTRACTOR SHALL MAKE THE PERMANENT CONNECTION IN THE PRESENCE OF A PSLUSD INSPECTOR. THE PIPE AND FITTINGS FOR CONNECTION SHALL BE DISINFECTED BY SPRAYING AND SWABBING WITH CHLORINE.
- THE JUMPER ASSEMBLY (FLANGE TO FLANGE) WILL BE REMOVED BY THE PSLUSD IN COORDINATION WITH THE CONTRACTOR. THE CONTRACTOR SHALL REMOVE THE REST OF THE JUMPER CONNECTION PIPING AND PLUG THE CORPORATION STOP VALVES.



MINIMUM CONSTRUCTION STANDARDS FOR CITY OF PORT ST. LUCIE
900 S.E. OGDEN LANE
PORT ST. LUCIE, FL 34983
PHONE (772) 873-6400 FAX (772) 873-6433

TEMPORARY JUMPER CONNECTION

DETAIL: G-14
DATE: 2014
SCALE: N.T.S.
SHEET: 1 OF 2

MINIMUM CONSTRUCTION STANDARDS FOR CITY OF PORT ST. LUCIE
900 S.E. OGDEN LANE
PORT ST. LUCIE, FL 34983
PHONE (772) 873-6400 FAX (772) 873-6433

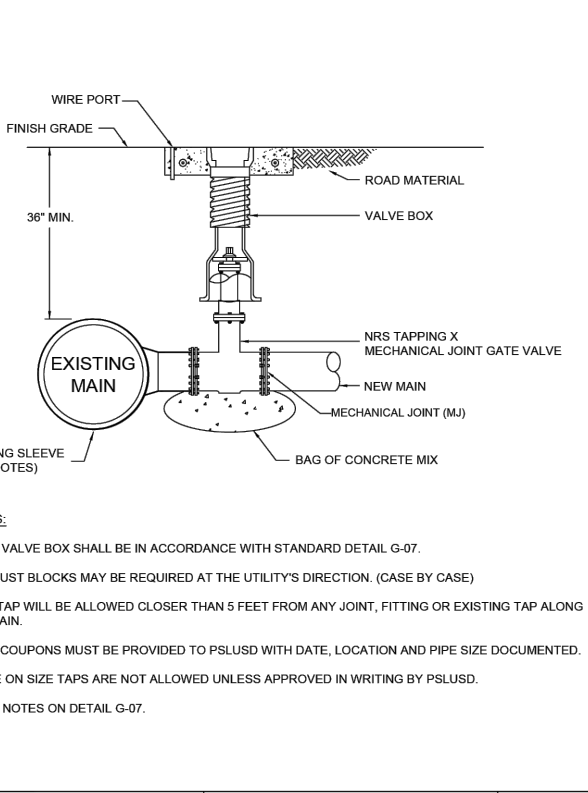
TEMPORARY JUMPER CONNECTION

DETAIL: G-14
DATE: 2014
SCALE: N.T.S.
SHEET: 2 OF 2

MINIMUM CONSTRUCTION STANDARDS FOR CITY OF PORT ST. LUCIE
900 S.E. OGDEN LANE
PORT ST. LUCIE, FL 34983
PHONE (772) 873-6400 FAX (772) 873-6433

BLOW-OFF ASSEMBLY

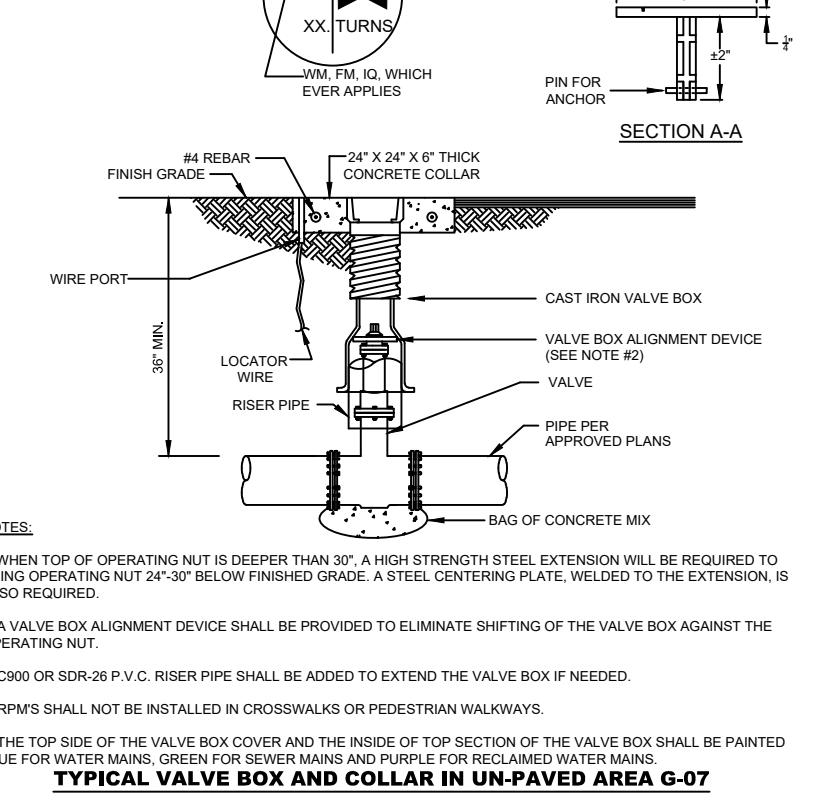
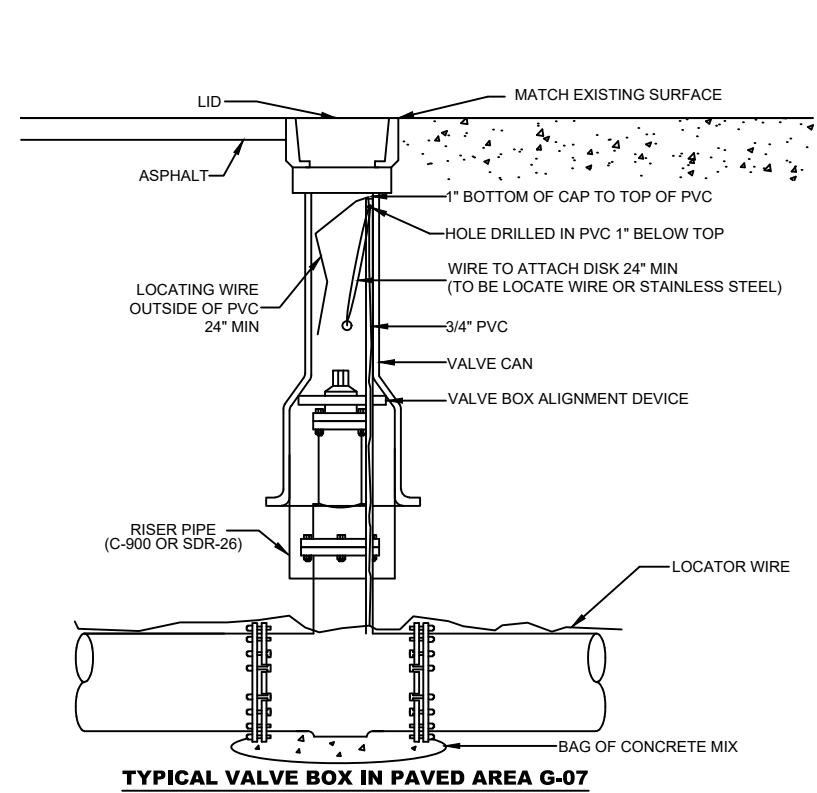
DETAIL: W-04
DATE: 2019
SCALE: N.T.S.
SHEET: 1 OF 1



MINIMUM CONSTRUCTION STANDARDS FOR CITY OF PORT ST. LUCIE
900 S.E. OGDEN LANE
PORT ST. LUCIE, FL 34983
PHONE (772) 873-6400 FAX (772) 873-6433

TAPPING SLEEVE AND VALVE ASSEMBLY

DETAIL: G-10
DATE: 2019
SCALE: N.T.S.
SHEET: 1 OF 1



REVISIONS	
DATE	DESCRIPTION
8-29-22	REVISED PER CITY OF PSL

MACKENZIE ENGINEERING & PLANNING, INC.
1172 SW 30TH STREET, SUITE 500,
PALM CITY, FLORIDA, 34990
C.A. 29013
SHAUN G. MACKENZIE P.E.
P.E. NO. 61751

CITY OF PORT ST. LUCIE
121 SW PORT ST. LUCIE BLVD
PORT ST. LUCIE BLVD, FL 34984

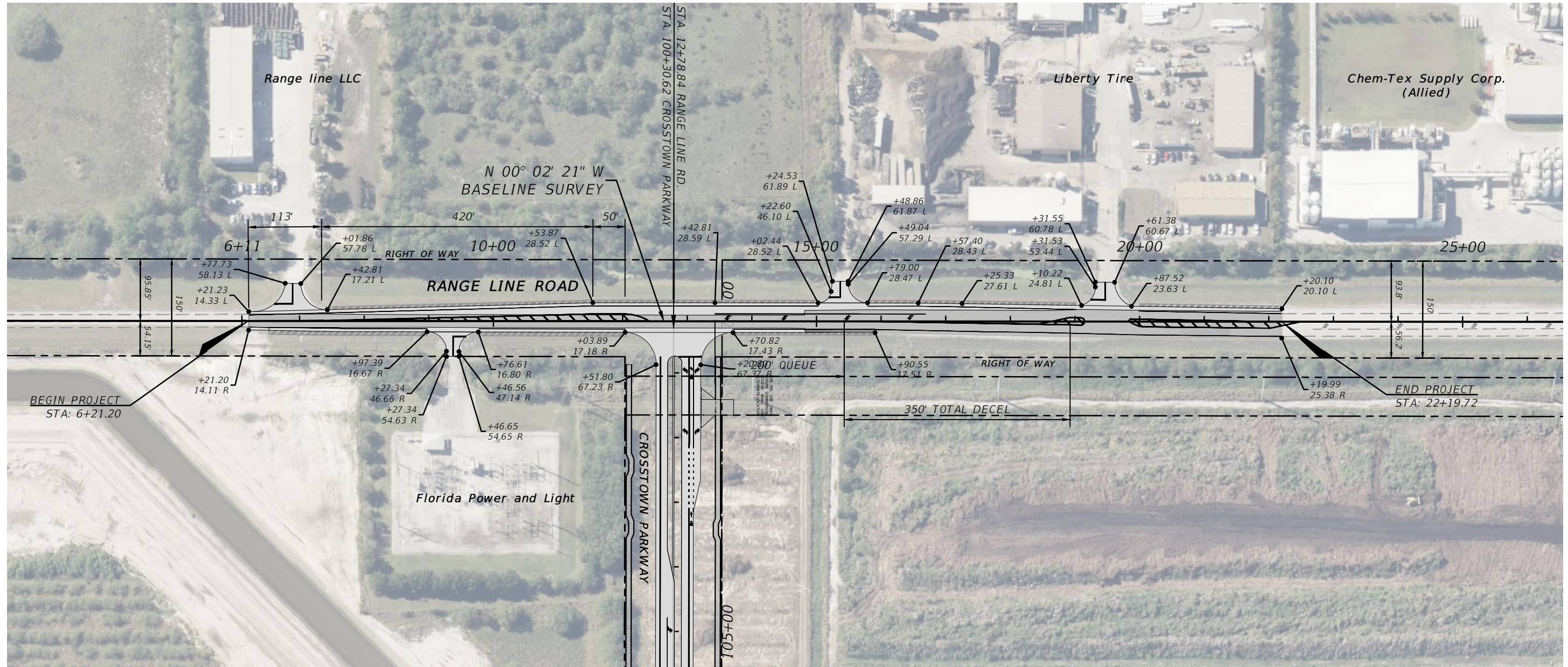
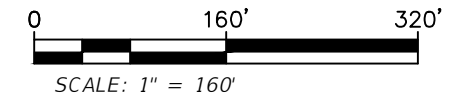
COUNTY ROAD NO.
ST. LUCIE COUNTY CROSSTOWN PARKWAY
SEGMENT 2B

CITY OF PSL PROJECT NO. P22-020
PSLUSD PROJECT NO. 9-0915-G

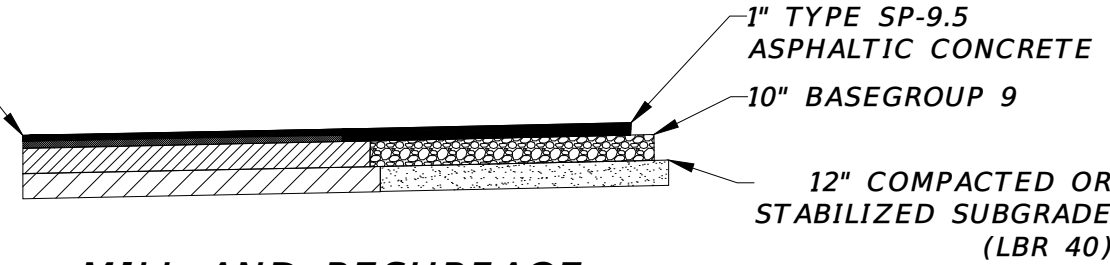
UTILITY DETAILS

SHEET NO. 54

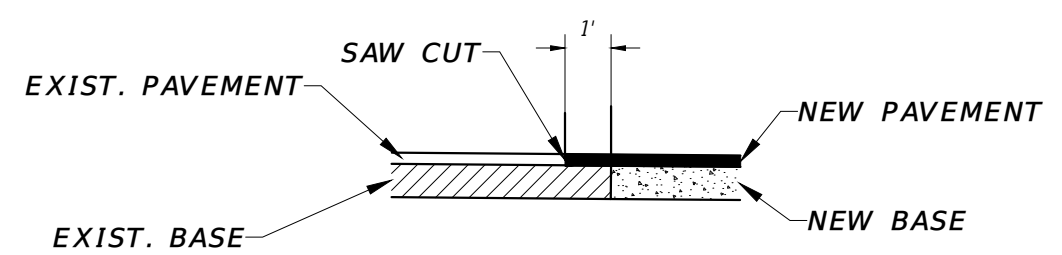
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



MILL AND RESURFACE
1" TYPE SP-9.5
ASPHALTIC CONCRETE



**MILL AND RESURFACE
DETAIL**



SAW CUT DETAIL

NTS

CITY OF PSL PROJECT NO. P22-169
PSLUSD PROJECT NO. 9-0915-G

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MACKENZIE ENGINEERING & PLANNING, INC.
1172 SW 30TH STREET, SUITE 500,
PALM CITY, FLORIDA, 34990
C.A. 29013
SHAUN G. MACKENZIE P.E.
P.E. NO. 61751

CITY OF PORT ST. LUCIE
121 SW PORT ST. LUCIE BLVD
PORT ST. LUCIE BLVD, FL 34984

COUNTY	ROAD NO.
ST. LUCIE COUNTY	CROSSTOWN PARKWAY SEGMENT 2B

**PROJECT LAYOUT RANGE
LINE RD.**

SHEET
NO.
55

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. VERTICAL DATA IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD '88).
2. ALL ROADWAY WORK SHALL CONFORM TO THE LATEST FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) STANDARDS AND SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, THE FDOT DESIGN STANDARDS, AND ST. LUCIE COUNTY STANDARDS.
3. THE CONTRACTOR SHALL FURNISH, ERECT AND MAINTAIN ALL NECESSARY TRAFFIC CONTROL AND SAFETY DEVICES FOLLOWING THE LATEST FEDERAL HIGHWAY ADMINISTRATION (FHWA) MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND THE FDOT DESIGN STANDARDS. NON-STANDARD MOT PLANS REQUIRED FROM THE CONTRACTOR SHALL BE SIGNED AND SEALED AND SHALL BE SUBMITTED TO THE COUNTY FOR REVIEW AND APPROVAL BEFORE IMPLEMENTATION.
4. A PRE-CONSTRUCTION CONFERENCE BEFORE THE COMMENCEMENT OF THE PROJECT SHALL BE SCHEDULED WITH THE COUNTY TO ESTABLISH PROCEDURES SUCH AS INSPECTIONS, WORK HOURS, AND SUBMITTALS.
5. NORMAL WORK HOURS FOR COUNTY INSPECTORS ARE BETWEEN 7:00 A.M. AND 4:00 P.M. ANY WORK THAT REQUIRES INSPECTIONS SHALL NOT BE PERFORMED OUTSIDE THE NORMAL WORK HOURS INCLUDING SATURDAYS, SUNDAYS, AND LEGAL HOLIDAYS OBSERVED BY ST. LUCIE COUNTY. THE CONTRACTOR SHALL COORDINATE WITH THE COUNTY BEFORE PERFORMING ANY INSPECTIONS OUTSIDE OF THE NORMAL WORK HOURS TO ENSURE STAFF AVAILABILITY. ANY APPROVED INSPECTIONS PERFORMED OUTSIDE THE NORMAL WORK HOURS SHALL BE CONSIDERED OVERTIME AND SHALL BE PAID FOR BY THE CONTRACTOR.
6. THE CONTRACTOR SHALL PROVIDE PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS) AT THE APPROACHES TO THE PROJECT LIMITS 14 DAYS BEFORE THE BEGINNING OF CONSTRUCTION. PCMS SHALL ALSO BE INSTALLED 7 DAYS BEFORE PHASE CHANGES OF THE TRAFFIC CONTROL PLAN.
7. THE CONTRACTOR SHALL COORDINATE ANY TYPE OF TRAFFIC RESTRICTION WITH ST. LUCIE COUNTY ENGINEERING DIVISION. THE CONTRACTOR SHALL MAINTAIN AT LEAST ONE LANE OF TRAVEL OPEN AT ALL TIMES. ALL LANES OF TRAVEL SHALL BE OPENED AT THE END OF EACH WORKDAY. THE CONTRACTOR SHALL NOTIFY THE COUNTY OF ANY ROAD CLOSURES AT LEAST 3 WEEKS BEFORE ACTUAL IMPLEMENTATION. THE CONTRACTOR SHALL ALLOW ACCESS TO ALL EMERGENCY VEHICLES AND SCHOOL BUSES AT ALL TIMES.
8. ANY U.S.C. AND G.S. MONUMENTS WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED. IF DANGER OF DAMAGE TO MONUMENTS WITHIN THE COUNTY RIGHT-OF-WAY, THE CONTRACTOR SHALL NOTIFY THE COUNTY SURVEYOR, ALEXEY GILEV, PSM (772-462-1721).
9. PUBLIC LAND CORNERS WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED. IF A CORNER MONUMENT WITHIN THE COUNTY RIGHT-OF-WAY IS IN DANGER OF BEING DESTROYED OR DISTURBED, THE CONTRACTOR SHALL NOTIFY THE COUNTY SURVEYOR WITHOUT DELAY. THE CONTRACTOR SHALL PROVIDE WRITTEN FOLLOW-UP CONFIRMATION WITHIN 48 HOURS OF NOTIFICATION. DAMAGED CORNER MONUMENTS SHALL BE REPLACED BY A SURVEYOR LICENSED IN THE STATE OF FLORIDA AT THE EXPENSE OF THE CONTRACTOR.
10. EROSION CONTROL SHALL COMPLY WITH THE LATEST FDOT DESIGN STANDARDS, ST. LUCIE COUNTY STANDARDS AND DEPARTMENT OF ENVIRONMENTAL PROTECTION (DEP) NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT AS OBTAINED BY THE CONTRACTOR. EROSION CONTROL SHALL BE FIELD ADJUSTED AS NECESSARY TO FIT EXISTING CONDITIONS AND PERFORMANCE. WHEN REQUIRED, THE CONTRACTOR SHALL PROVIDE THE COUNTY WITH THE DEWATERING PERMIT.
11. EROSION CONTROL MEASURES SHALL BE TAKEN BY CONTRACTOR PRIOR TO AND DURING CONSTRUCTION AS PER FDOT STANDARD SPECIFICATIONS SECTION 104.
12. ANY DISCREPANCIES ON THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE COMMENCING WORK. NO FIELD CHANGE OR DEVIATIONS FROM THE DESIGN ARE TO BE MADE WITHOUT PRIOR APPROVAL OF THE ENGINEER. CONTRACTOR SHALL UTILIZE "APPROVED FOR CONSTRUCTION PLANS" ONLY.
13. THE CONTRACTOR SHALL CONTACT THE ENGINEER OF RECORD IMMEDIATELY IF CONFLICTS ARISE DURING CONSTRUCTION.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING FACILITIES THAT ARE NOT KNOWN TO HAVE EXISTED BEFORE THE COMMENCEMENT OF WORK.
15. THE CONTRACTOR SHALL RESTORE OR REPLACE, WHEN AND AS DIRECTED, ANY PUBLIC OR PRIVATE PROPERTY DAMAGED BY ITS WORK, EQUIPMENT, EMPLOYEES, OR THOSE OF ITS SUBCONTRACTORS TO A CONDITION AT LEAST EQUAL TO THE EXISTING IMMEDIATELY BEFORE THE BEGINNING OF OPERATIONS. THE CONTRACTOR SHALL DO ALL NECESSARY ROADWAY, SIDEWALK, AND LANDSCAPING WORK TO SATISFY ANY RESTORATION REQUIREMENTS AT HIS EXPENSE. SUITABLE MATERIALS AND METHODS SHALL BE USED FOR SUCH RESTORATION.
16. ACCESS TO EXISTING ROADWAYS AND DRIVEWAYS SHALL BE MAINTAINED AT ALL TIMES UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL NOT ISOLATE ADJACENT AND/OR REMAINDER PROPERTY WHENEVER CONSTRUCTION INTERFERES WITH THE EXISTING MEANS OF ACCESS.
17. BEFORE THE COMMENCEMENT OF ANY EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH FLORIDA STATE STATUTE 55 3. 851 FOR THE PROTECTION OF UNDERGROUND GAS PIPELINES.
18. ALL EXISTING FEATURES TO REMAIN UNLESS OTHERWISE NOTED IN THE PLANS.
19. THE CONTRACTOR SHALL NOTIFY ALL AFFECTED UTILITY COMPANIES 14 DAYS PRIOR TO CONSTRUCTION OPERATIONS ADJACENT TO THEIR FACILITIES. THIS ITEM SHALL BE COMPLETED IN COMPLIANCE WITH THE GENERAL CONDITIONS OF THE CONSTRUCTION CONTRACT.
20. THE LOCATION AND SIZE OF ALL EXISTING UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND ARE BASED ON THE BEST AVAILABLE INFORMATION. ADDITIONAL UTILITIES MAY EXIST WHICH ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF ALL EXISTING UTILITIES. THE CONTRACTOR SHALL VERIFY ALL UTILITIES BY ELECTRONIC METHODS AND BY HAND EXCAVATION IN COORDINATION WITH ALL UTILITY COMPANIES, PRIOR TO BEGINNING ANY CONSTRUCTION OPERATIONS. ANY AND ALL CONFLICTS OF EXISTING UTILITIES WITH PROPOSED IMPROVEMENTS SHALL BE RESOLVED BY THE ENGINEER AND THE CONTRACTOR PRIOR TO BEGINNING ANY CONSTRUCTION OPERATIONS. THIS WORK BY THE CONTRACTOR SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED. ALL AT&T, FPL, LOCAL CABLE, AND ALL LOCAL UTILITY COMPANY (CITY, COUNTY, WATER AND SEWER) LOCATIONS SHOWN ARE TAKEN FROM INFORMATION PROVIDED BY THAT UTILITY COMPANY. THESE LOCATIONS HAVE NOT BEEN VERIFIED IN THE FIELD. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION. THE CONTRACTOR TO EXPOSE ALL CROSSINGS WITH AT&T, CABLE TV AND FLORIDA POWER AND LIGHT CONDUITS PRIOR TO BEGINNING CONSTRUCTION AND DELIVERY OF PIPE. THE CONTRACTOR IS TO USE EXTREME CAUTION WITHIN THE VICINITY OF PRIVATE UTILITY FACILITIES. THE CONTRACTOR WILL REQUEST A PRIVATE UTILITY REPRESENTATIVE PRESENCE DURING CONSTRUCTION IN THE VICINITY OF THEIR FACILITIES. A PROFILE OF THE PRIVATE UTILITY FACILITIES ARE NOT PROVIDED IN THESE DRAWINGS. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE PRIVATE UTILITIES AND OBTAINING THE APPROXIMATE LOCATION OF THESE FACILITIES. THIS ITEM SHALL BE COMPLETED IN COMPLIANCE WITH THE GENERAL CONDITIONS OF THE CONSTRUCTION CONTRACT.
21. CONTRACTOR SHALL PROTECT ALL EXISTING ABOVE OR UNDERGROUND STRUCTURES, LANDSCAPE FEATURES, TREES AND UTILITIES NOT SHOWN ON THE PLANS TO BE REMOVED BY CONSTRUCTION.
22. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING COMPLIANCE WITH CURRENT OSHA, STATE, COUNTY, AND LOCAL REGULATIONS SUCH AS 54 CFR 45894 AND 29CFR 1926.650, 651, 652, AND FLORIDA TRENCH ACT.
23. DURING CONSTRUCTION, THE PROJECT SITE AND ALL ADJACENT AREAS SHALL BE MAINTAINED IN A NEAT AND CLEAN MANNER AT ALL TIMES. UPON FINAL CLEAN-UP, THE PROJECT SITE SHALL BE LEFT CLEAR OF ALL SURPLUS MATERIAL OR TRASH. THE PAVED AREAS SHALL BE SWEEPED BROOM CLEAN DAILY.
24. DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE AT ALL TIMES. WHERE MATERIAL OR DEBRIS HAS WASHED OR FLOWED INTO OR BEEN PLACED IN WATERCOURSES, DITCHES, DRAINS, CATCH BASINS, OR ELSEWHERE AS A RESULT OF THE CONTRACTOR'S OPERATIONS, SUCH MATERIAL OR DEBRIS SHALL BE REMOVED AND LEGALLY DISPOSED OF DURING THE PROGRESS OF THE WORK, AND THE AREA KEPT IN A CLEAN AND NEAT CONDITION AT THE EXPENSE OF THE CONTRACTOR.
25. PRIOR TO THE COMMENCEMENT OF ANY EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH FLORIDA STATE STATUTE 554.851 FOR THE PROTECTION OF UNDERGROUND UTILITIES AND SHALL CALL 811 FOR LOCATES.
26. THE CONTRACTOR SHALL RESTORE ALL AREAS DISTURBED BY THIS CONSTRUCTION TO A CONDITION EQUAL TO OR BETTER THAN CURRENTLY EXISTING.
27. STAGING AND MATERIAL STORAGE SHALL NOT BE CONDUCTED ON ABUTTING PRIVATE PROPERTY WITHOUT WRITTEN APPROVAL FROM THE PRIVATE PROPERTY OWNER.
28. PROJECT SUPERINTENDENT: THE CONTRACTOR SHALL PROVIDE A QUALIFIED SUPERINTENDENT TO REMAIN ON THE JOB SITE AT ALL TIMES WHEN WORK IS BEING PERFORMED. THE SUPERINTENDENT SHALL BE PRESENT AT THE PRE-CONSTRUCTION MEETING. THIS ITEM SHALL BE COMPLETED IN COMPLIANCE WITH THE GENERAL CONDITIONS OF THE CONSTRUCTION CONTRACT.
29. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE HIS COMPLETE FAMILIARITY WITH THE PROJECT SITE AND COMPONENTS TO INCLUDE SUBSURFACE CONDITIONS OF SOIL AND GROUNDWATER TABLE. BY SUBMITTAL OF A BID FOR THIS PROJECT, THE CONTRACTOR ACKNOWLEDGES HIS COMPLETE UNDERSTANDING AND RESPONSIBILITIES WITH RESPECT TO THE CONSTRUCTION ACTIVITIES REQUIRED UNDER THE SCOPE OF THIS PROJECT.
30. THE CONTRACTOR WILL SUBMIT FOR APPROVAL BY OWNER A PLAN SHOWING THE SCHEDULE OF WORK, INCLUDING A HIGHLIGHTED PLAN SHOWING THE ORDER OF CONSTRUCTION WHICH WILL FACILITATE MAINTAINING EXISTING SERVICES DURING CONSTRUCTION. CONTRACTOR SHALL COMPLY WITH ALL FEDERAL, STATE AND COUNTY RULES AND REGULATIONS GOVERNING THE USE OF STREETS FOR PROTECTION OF THE WORK AND PUBLIC SAFETY. MAINTENANCE OF TRAFFIC SHALL BE PROVIDED BY CONTRACTOR IN ACCORDANCE WITH FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION - LATEST EDITION AND MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
31. ALL UNSUITABLE MATERIALS, SUCH AS MUCK, ORGANIC MATERIAL AND OTHER DELETERIOUS MATERIAL AS CLASSIFIED BY AASHTO M 145, FOUND SHALL BE REMOVED DOWN TO ROCK OR SUITABLE MATERIAL, AND REPLACED WITH THE SPECIFIED FILL MATERIAL IN MAXIMUM 12 INCH LIFTS COMPACTED TO NOT LESS THAN 98% MAXIMUM DRY DENSITY AT OPTIMUM MOISTURE IN ACCORDANCE WITH AASHTO T-180. THICKNESS OF LAYERS MAY BE INCREASED, PROVIDED THAT THE EQUIPMENT AND METHODS USED ARE PROVEN BY FIELD DENSITY TESTING AND CAPABLE OF COMPACTING THICK LAYERS TO SPECIFIED DENSITIES.
32. ALL AREAS SHALL BE CLEARED AND GRUBBED PRIOR TO CONSTRUCTION. THIS CLEARING AND GRUBBING SHALL CONSIST OF THE COMPLETE REMOVAL AND DISPOSAL OF ALL TREES, BRUSH, STUMPS, GRASS, WEEDS, RUBBISH AND ALL OTHER OBSTRUCTIONS RESTING ON, OR PROTRUDING THROUGH THE SURFACE OF THE EXISTING GROUND TO A DEPTH OF ONE (1) FOOT. ITEMS DESIGNATED TO REMAIN, TO BE RELOCATED, OR TO BE ADJUSTED SHALL BE DESIGNATED ON THE DRAWINGS.
33. FILL MATERIAL SHALL BE CLASSIFIED AS A-1, A-3, OR A-2-4 IN ACCORDANCE WITH AASHTO M-145. FILL SHOULD BE FREE FROM DEBRIS; VEGETATION, ORGANIC OR OTHER DELETERIOUS MATTER, AND SHOULD CONSIST OF CLEAN GRANULAR MATERIAL. IT SHOULD CONTAIN NOT MORE THAN 10 PERCENT PASSING THE U.S. STANDARD NUMBER 200 SIEVE, AND HAVE AN ORGANIC CONTENT LESS THAN ONE PERCENT. FILL SHOULD BE PLACED IN APPROXIMATELY LEVEL LIFTS OF LESS THAN 12 INCHES IN UNCOMPACTED THICKNESS, BE MOISTURE CONDITIONED AS NECESSARY, AND UNIFORMLY COMPACTED TO AT LEAST 98 PERCENT RELATIVE COMPACTION AS DETERMINED BY THE MODIFIED PROCTOR PROCEDURE (ASTM D1557).
34. TRENCHES AND EXCAVATIONS SHOULD BE KEPT DRY WHILE WORK IS IN PROGRESS. EXCAVATED MATERIALS, SUCH AS BOULDERS AND LOGS THAT ARE NOT SUITABLE FOR BACKFILL, SHOULD BE REMOVED FROM SITE. THE PIPE BARREL SHALL BE UNIFORMLY SUPPORTED ALONG ITS ENTIRE LENGTH ON UNDISTURBED SOIL OR BEDDING MATERIAL. PROPER BEDDING SHALL BE SUPPLIED IF THE EXISTING MATERIAL INCLUDES ROCK, ORGANIC MATTER OR OTHER SHARP OR UNSTABLE MATERIAL.
35. THE CONTRACTOR SHALL CONSTRUCT THE IMPROVEMENTS IN A MANNER SO AS TO MINIMIZE ANY ADVERSE IMPACTS OF THE WORKS ON FISH, WILDLIFE, NATURAL ENVIRONMENTAL VALUES AND WATER QUALITY ON OR OFF-SITE. THE CONTRACTOR SHALL INSTITUTE NECESSARY MEASURES DURING THE CONSTRUCTION PERIOD, INCLUDING FULL COMPACTION OF ANY FILL MATERIAL PLACED AROUND NEWLY INSTALLED STRUCTURES TO REDUCE EROSION, TURBIDITY, NUTRIENT LOADING AND SEDIMENTATION IN THE RECEIVING WATERS. ALL WORK WITHIN THIS PROJECT WILL BE COMPLETED IN STRICT COMPLIANCE WITH THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) REGULATORY CRITERIA AND REQUIREMENTS.
36. ALL EXISTING LINES THAT ARE ABANDONED SHALL BE REMOVED AND DISPOSED OF PROPERLY BY THE CONTRACTOR AS REQUIRED BY THE ENGINEER AND OWNER.
37. ALL REQUIRED PROCTOR, DENSITY, AND LBR TEST RESULTS FOR BACKFILL, SUB-GRADE, BASE, AND ASPHALT MATERIALS SHALL BE PROVIDED TO THE COUNTY. ALL FIELD TESTS SHALL BE WITNESSED BY A COUNTY REPRESENTATIVE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ARRANGING FOR INSPECTIONS WITH THE COUNTY AND THE TESTING REPRESENTATIVE. A SUBGRADE PRE-INSPECTION SHALL BE COMPLETED BEFORE PLACING ANY BASE MATERIAL. A BASE PRE-INSPECTION SHALL BE COMPLETED BEFORE PLACING ASPHALT. THE COUNTY REPRESENTATIVE SHALL WITNESS THE LAYING OF ASPHALT.
38. COUNTY REPRESENTATIVES WILL HAVE THE AUTHORITY TO DISAPPROVE OR REJECT WORK THAT DOES NOT MEET THE REQUIREMENTS OF ROADWAY INSPECTIONS, TESTS, AND SPECIFICATIONS OR DOES NOT CONFORM TO THE REQUIREMENTS OF THE CONSTRUCTION PLANS. COUNTY REPRESENTATIVES MAY REQUIRE SPECIAL INSPECTION OR TESTING OF ANY ROADWAY WORK THAT MAY BE DEEMED NECESSARY.
39. UPON COMPLETION OF CONSTRUCTION PRIOR TO FINAL INSPECTION, THE ENGINEER OF RECORD SHALL FURNISH THE COUNTY WITH A COMPLETE SET OF "AS-BUILT" CONSTRUCTION DRAWINGS. THESE DRAWINGS SHALL BE MARKED TO SHOW "AS-BUILT" CONSTRUCTION CHANGES AND DIMENSIONED LOCATIONS AND ELEVATIONS OF ALL IMPROVEMENTS AND SHALL BE SIGNED AND SEALED BY A FLORIDA REGISTERED LAND SURVEYOR. THE INFORMATION SHALL PROVIDE A TRUE REPRESENTATION OF THE IMPROVEMENTS CONSTRUCTED.

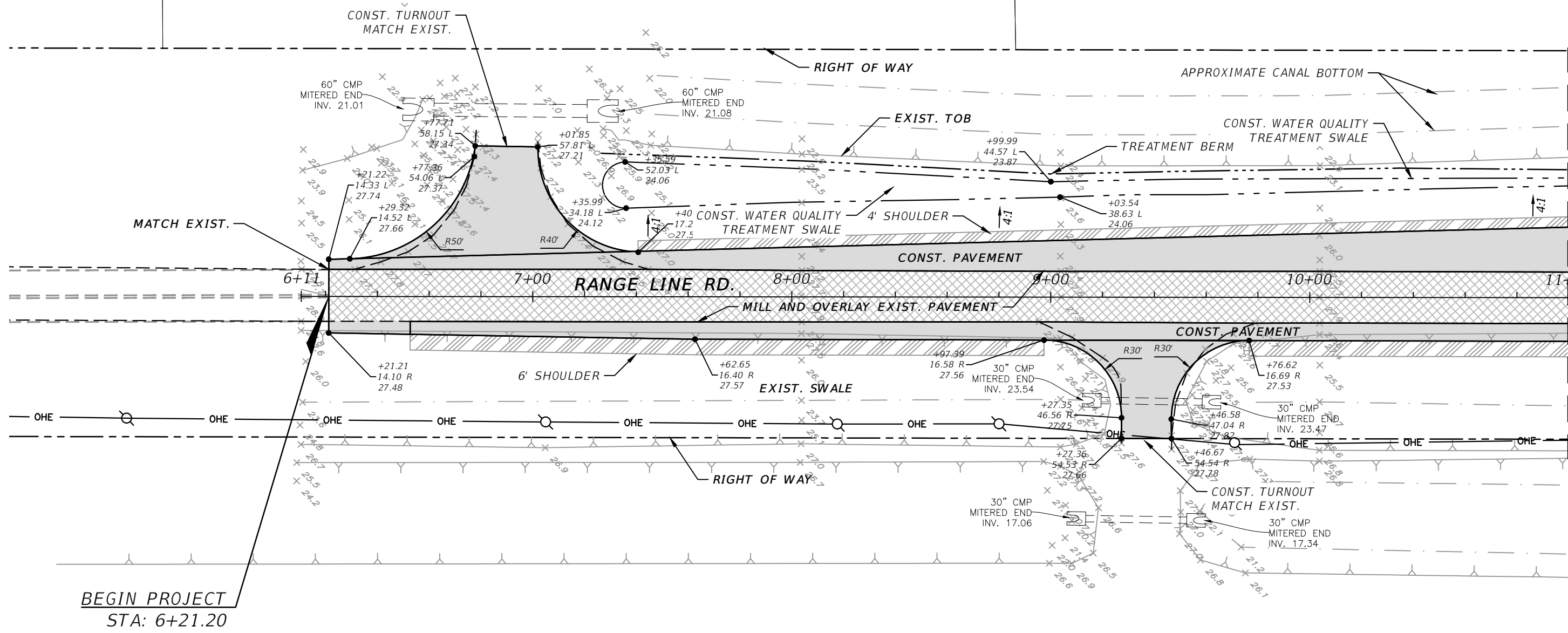
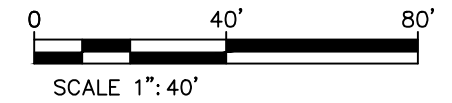
CLEAN-UP:

1. THE CONTRACTOR SHALL MAINTAIN THE JOB SITE IN A NEAT CONDITION AT ALL TIMES AND SHALL RESTORE/REPAIR ALL DRIVEWAYS, SIDEWALKS, UTILITIES, LANDSCAPING, IRRIGATION SYSTEMS, ETC., AFFECTED BY CONSTRUCTION ACTIVITIES.
2. THE CONTRACTOR SHALL REMOVE ALL EXCESS MATERIALS, DEBRIS, EQUIPMENT, ETC., FROM THE JOB SITE IMMEDIATELY AFTER COMPLETION OF CONSTRUCTION OPERATIONS.
3. UNLESS OTHERWISE SPECIFIED OR NOTED; ALL DISTURBED AREAS SHALL BE RESTORED BY CONTRACTOR TO PRE-CONSTRUCTION CONDITION OR BETTER PRIOR TO SUBMITTAL FOR ACCEPTANCE BY THE OWNER AND LOCAL REGULATORS.
4. ALL THE GRASSED AREAS DISTURBED BY THE CONSTRUCTION ACTIVITIES SHALL BE SODDED WITH LIKE-KIND.
5. UPON COMPLETION OF GRADING TO AVOID EROSION AFTER AS-BUILT GRADE ELEVATIONS ARE APPROVED BY THE ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CORRECTION OF ANY EROSION OR SHOALING OF THE STORMWATER MANAGEMENT SYSTEM.

CITY OF PSL PROJECT NO. P22-169
PSLUSD PROJECT NO. 9-0915-G

REVISIONS				MACKENZIE ENGINEERING & PLANNING, INC. 1172 SW 30TH STREET, SUITE 500, PALM CITY, FLORIDA, 34990 C.A. 29013 SHAUN G. MACKENZIE P.E. P.E. NO. 61751	CITY OF PORT ST. LUCIE 121 SW PORT ST. LUCIE BLVD PORT ST. LUCIE BLVD, FL 34984		<p style="text-align: center;"><i>ST. LUCIE CO.</i></p> <p style="text-align: center;">GENERAL NOTES</p>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		COUNTY	ROAD NO.		56
8-29-22	REVISED PER CITY OF PSL				ST. LUCIE COUNTY	CROSSTOWN PARKWAY SEGMENT 2B		

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



MATCHLINE STA. 11+00

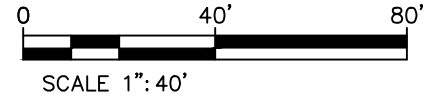
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

BEGIN PROJECT
STA: 6+21.20

ELEVATION DATUM
THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

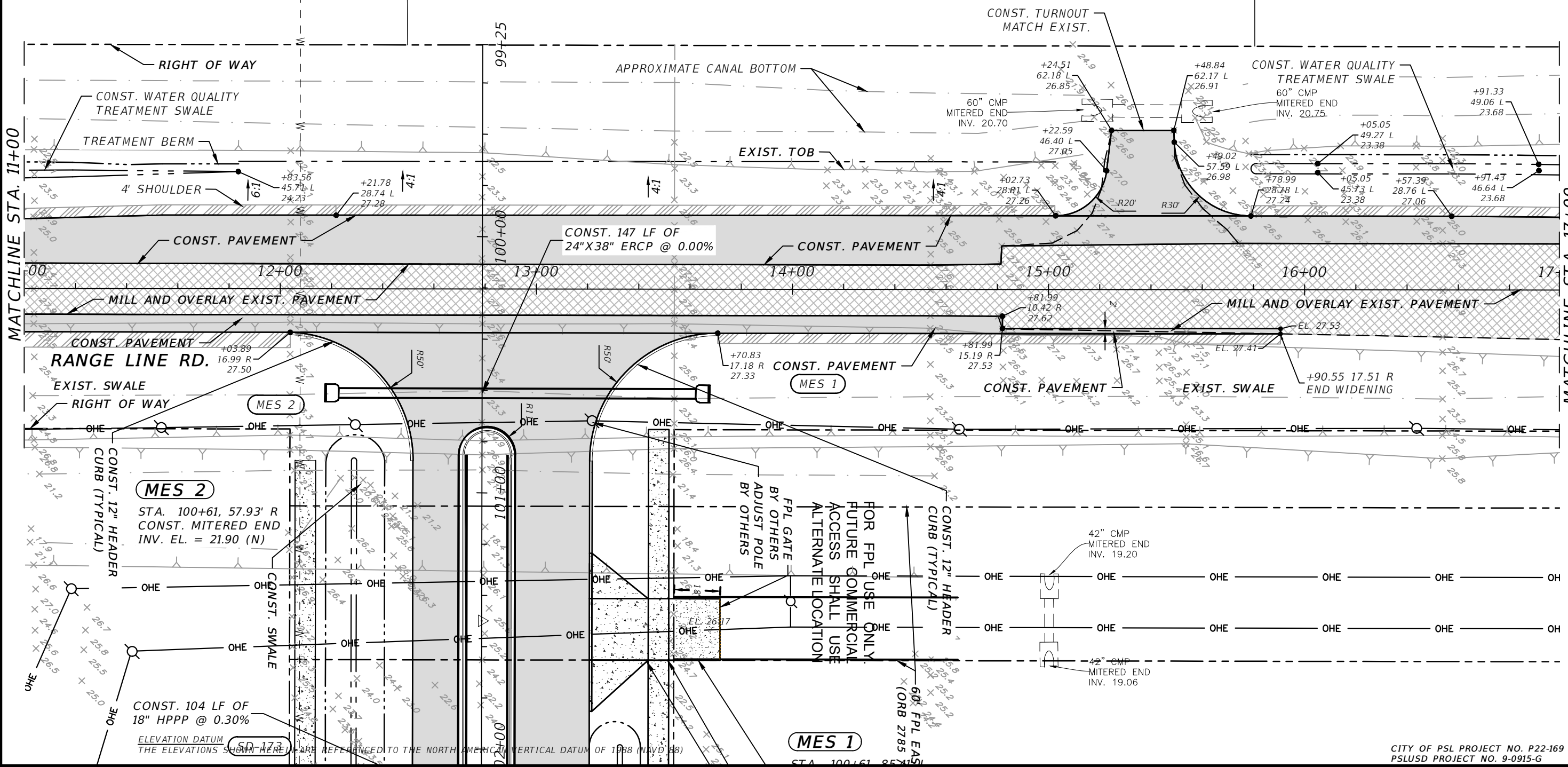
CITY OF PSL PROJECT NO. P22-169
PSLUSD PROJECT NO. 9-0915-G

REVISIONS				MACKENZIE ENGINEERING & PLANNING, INC. 1172 SW 30TH STREET, SUITE 500, PALM CITY, FLORIDA, 34990 C.A. 29013 SHAUN G. MACKENZIE P.E. P.E. NO. 61751	CITY OF PORT ST. LUCIE 121 SW PORT ST. LUCIE BLVD PORT ST. LUCIE, FL 34984		<i>PLAN RANGE LINE</i>	SHEET NO. 57
DATE	DESCRIPTION	DATE	DESCRIPTION		COUNTY	ROAD NO.		
8-29-22	REVISED PER CITY OF PSL				ST. LUCIE COUNTY	CROSSTOWN PARKWAY SEGMENT 2B		



MATCHLINE STA. 11+00

MATCHLINE STA. 17+00



MES 2
 STA. 100+61, 57.93' R
 CONST. MITERED END
 INV. EL. = 21.90 (N)

CONST. 104 LF OF
 18" HPPP @ 0.30%

ELEVATION DATUM
 THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

FPL GATE
 BY OTHERS
 ADJUST POLE
 BY OTHERS
 FOR FPL USE ONLY
 FUTURE COMMERCIAL
 ACCESS SHALL USE
 ALTERNATE LOCATION

MES 1

REVISIONS	
DATE	DESCRIPTION
8-29-22	REVISED PER CITY OF PSL

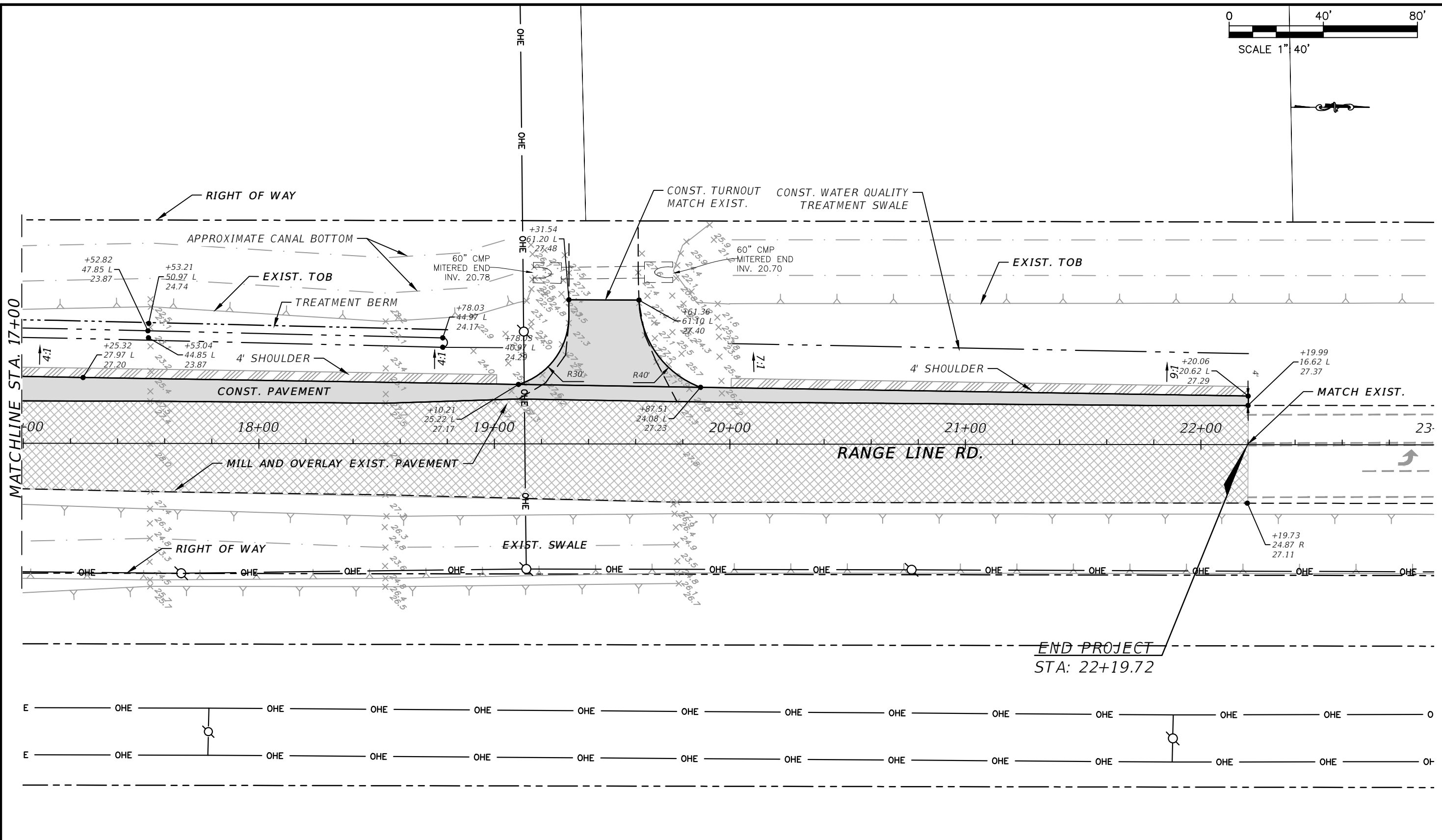
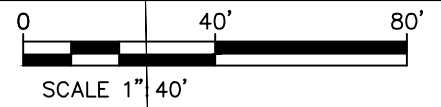
MACKENZIE ENGINEERING & PLANNING, INC.
 1172 SW 30TH STREET, SUITE 500,
 PALM CITY, FLORIDA, 34990
 C.A. 29013
 SHAUN G. MACKENZIE P.E.
 P.E. NO. 61751

CITY OF PORT ST. LUCIE
 121 SW PORT ST. LUCIE BLVD
 PORT ST. LUCIE BLVD, FL 34984
 COUNTY ROAD NO.
 ST. LUCIE COUNTY CROSSTOWN PARKWAY
 SEGMENT 2B

PLAN RANGE LINE

SHEET NO.
 58

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

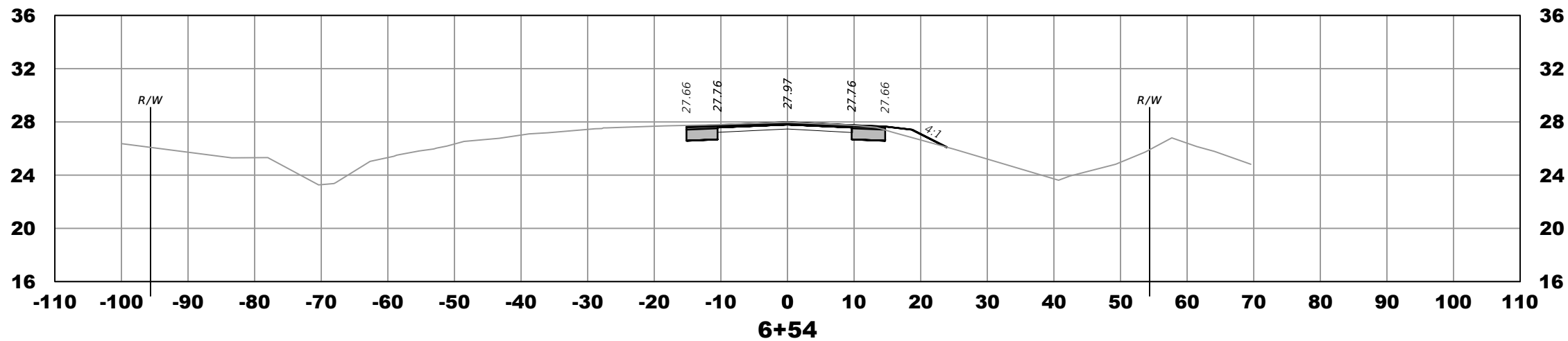
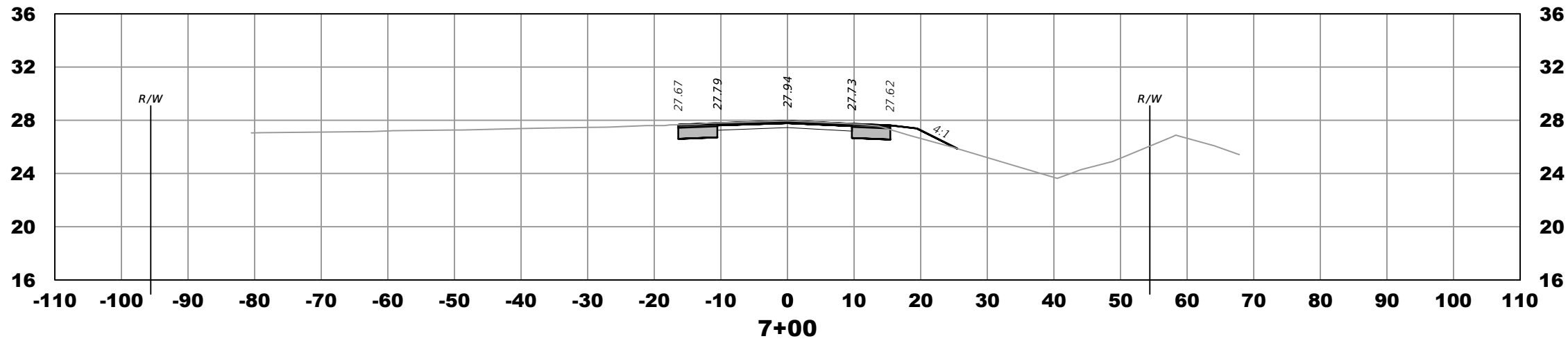
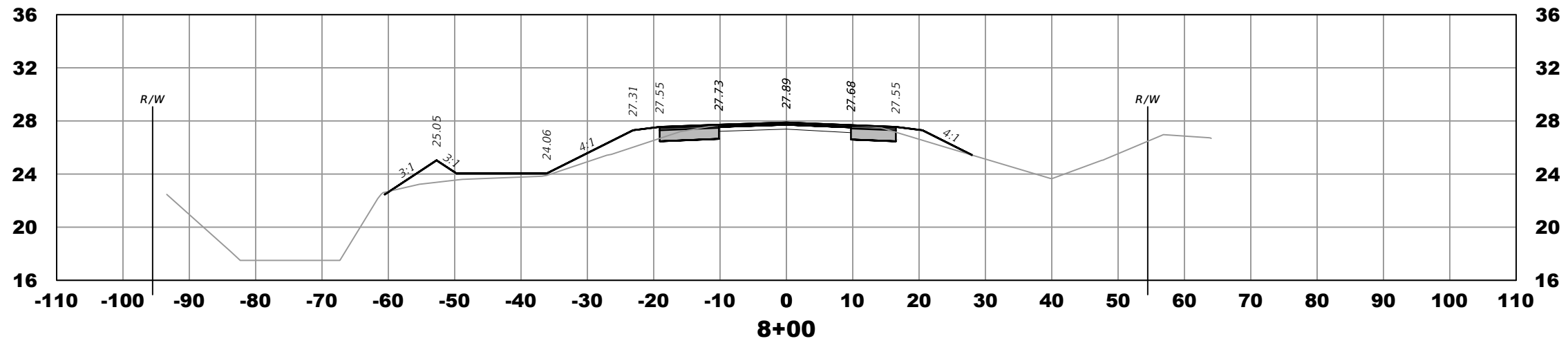
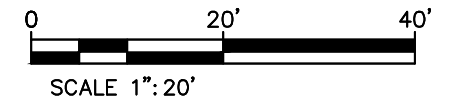


ELEVATION DATUM
THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

CITY OF PSL PROJECT NO. P22-169
PSLUSD PROJECT NO. 9-0915-G

REVISIONS		REVISIONS		MACKENZIE ENGINEERING & PLANNING, INC. 1172 SW 30TH STREET, SUITE 500, PALM CITY, FLORIDA, 34990 C.A. 29013 SHAUN G. MACKENZIE P.E. P.E. NO. 61751	CITY OF PORT ST. LUCIE 121 SW PORT ST. LUCIE BLVD PORT ST. LUCIE BLVD, FL 34984		PLAN RANGE LINE	SHEET NO. 59
DATE	DESCRIPTION	DATE	DESCRIPTION		COUNTY	ROAD NO.		
8-29-22	REVISED PER CITY OF PSL				CROSSTOWN PARKWAY SEGMENT 2B			

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



ELEVATION DATUM
THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
8-29-22	REVISED PER CITY OF PSL		

MACKENZIE ENGINEERING & PLANNING, INC.
1172 SW 30TH STREET, SUITE 500,
PALM CITY, FLORIDA, 34990
C.A. 29013
SHAUN G. MACKENZIE P.E.
P.E. NO. 61751

CITY OF PORT ST. LUCIE
121 SW PORT ST. LUCIE BLVD
PORT ST. LUCIE BLVD, FL 34984

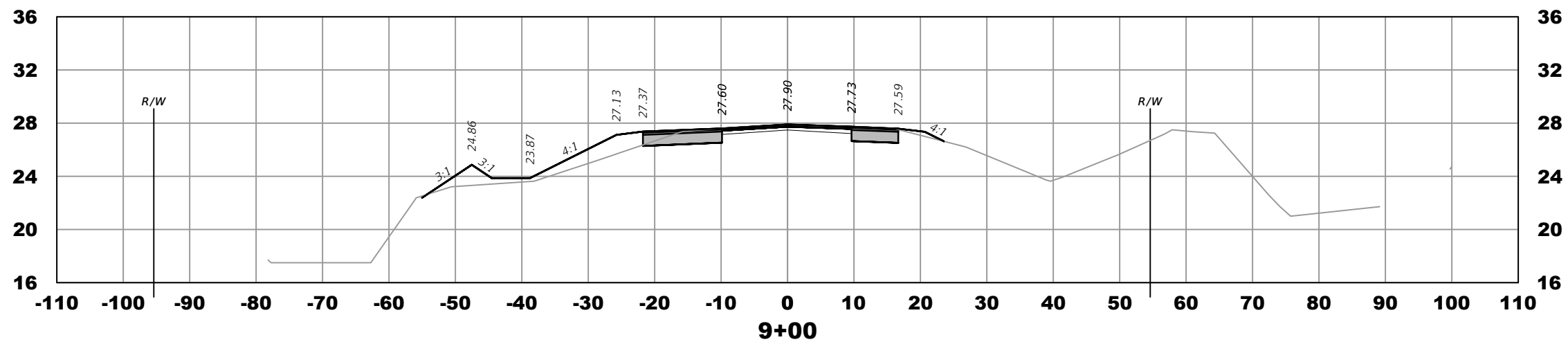
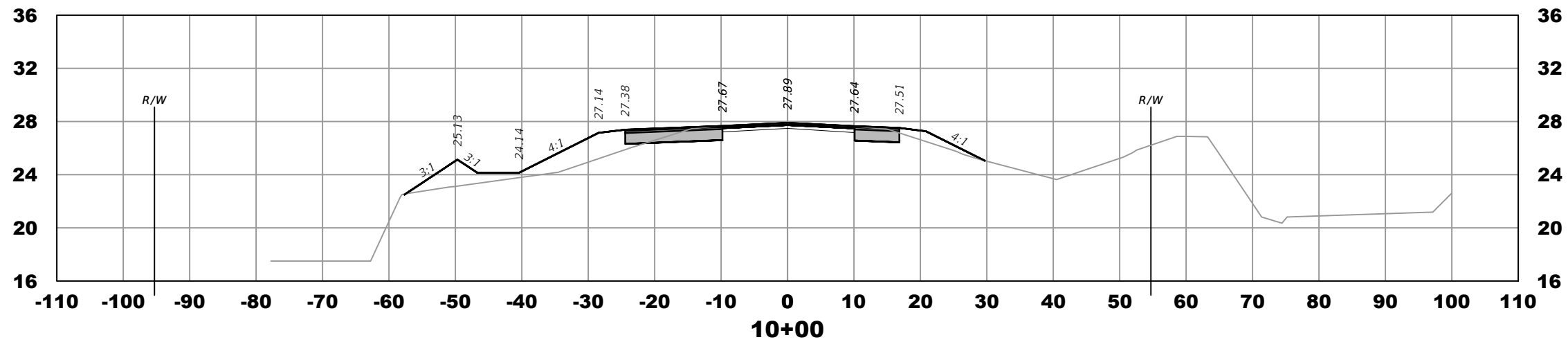
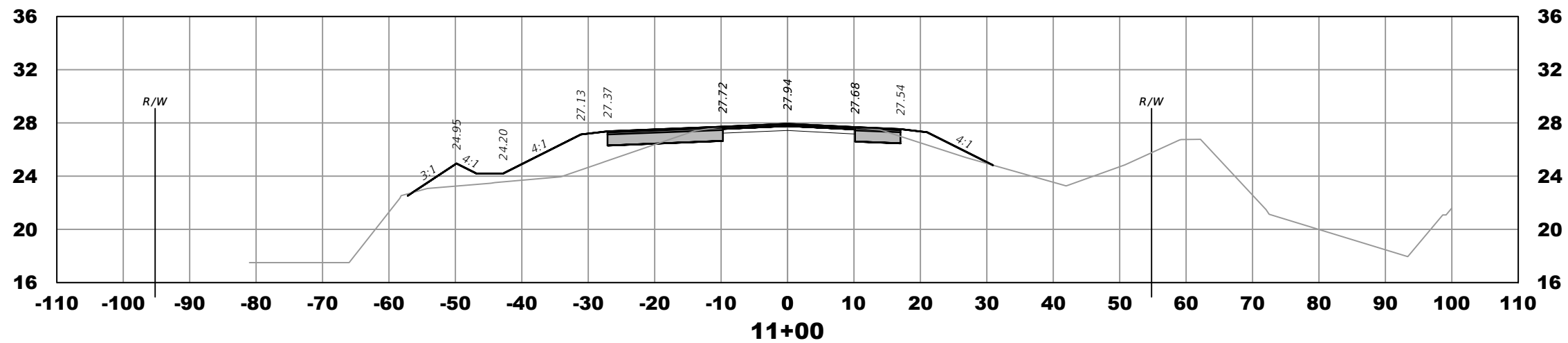
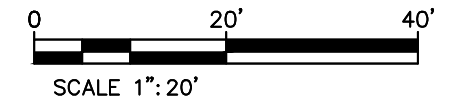
COUNTY	ROAD NO.
ST. LUCIE COUNTY	CROSSTOWN PARKWAY SEGMENT 2B

CROSS SECTIONS
RANGE LINE RD.

SHEET NO.

60

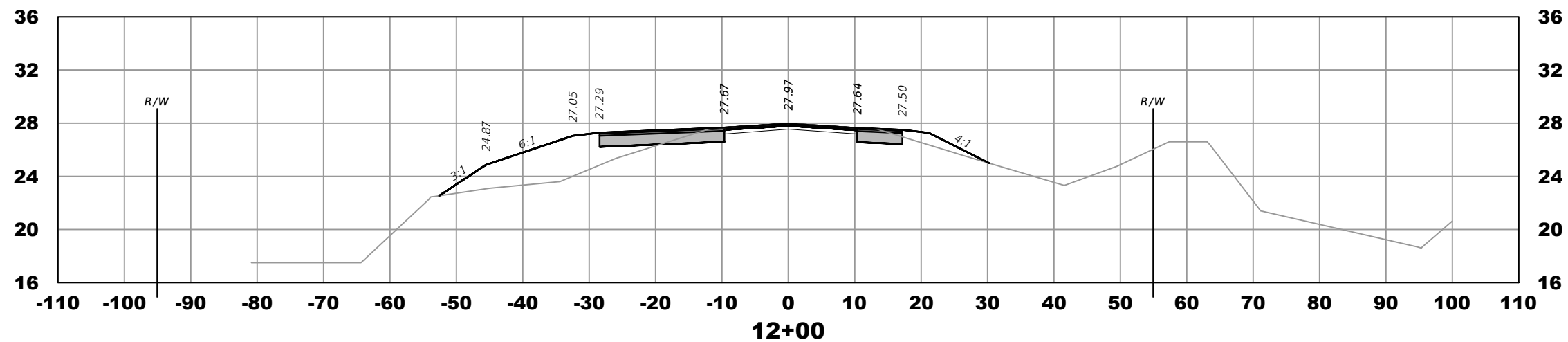
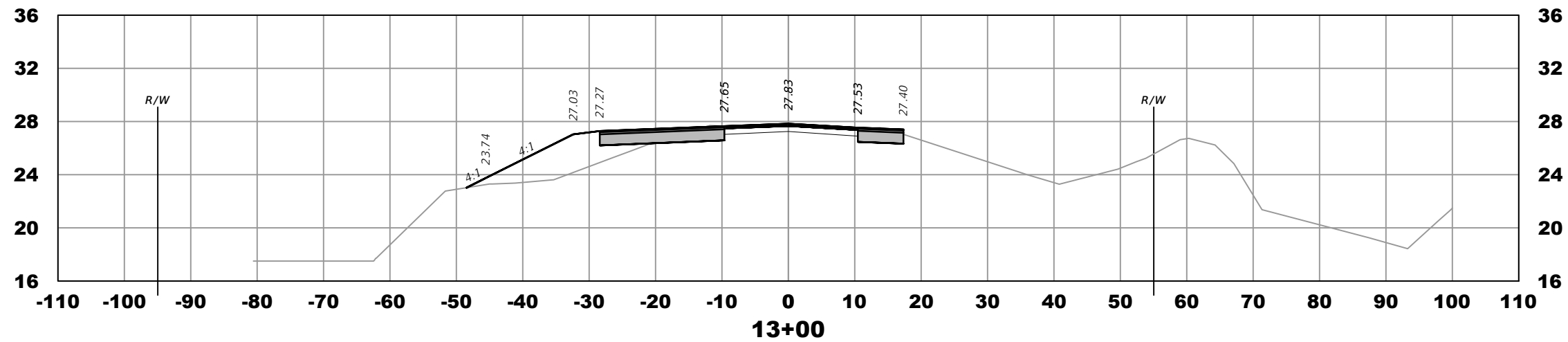
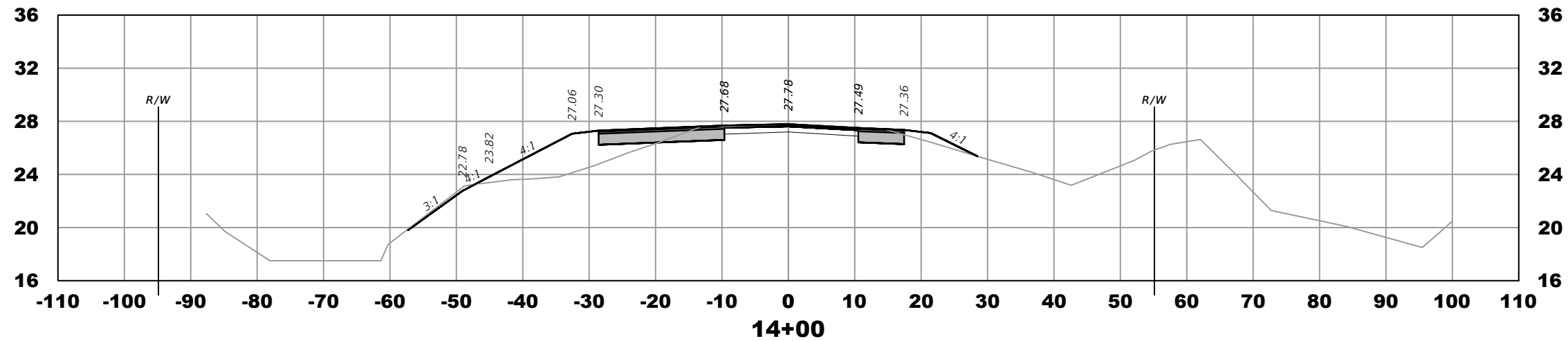
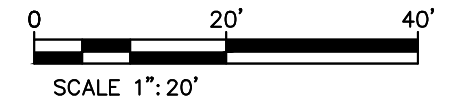
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



ELEVATION DATUM
THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

REVISIONS				MACKENZIE ENGINEERING & PLANNING, INC. 1172 SW 30TH STREET, SUITE 500, PALM CITY, FLORIDA, 34990 C.A. 29013 SHAUN G. MACKENZIE P.E. P.E. NO. 61751	CITY OF PORT ST. LUCIE		<i>CROSS SECTIONS</i> <i>RANGE LINE RD.</i>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		COUNTY	ROAD NO.		
8-29-22	REVISED PER CITY OF PSL				ST. LUCIE COUNTY	CROSSTOWN PARKWAY SEGMENT 2B		

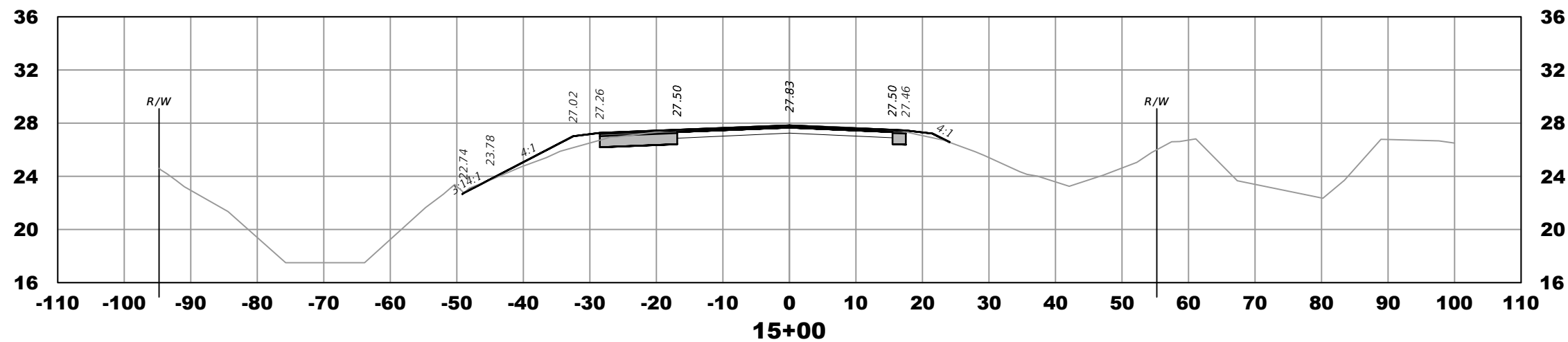
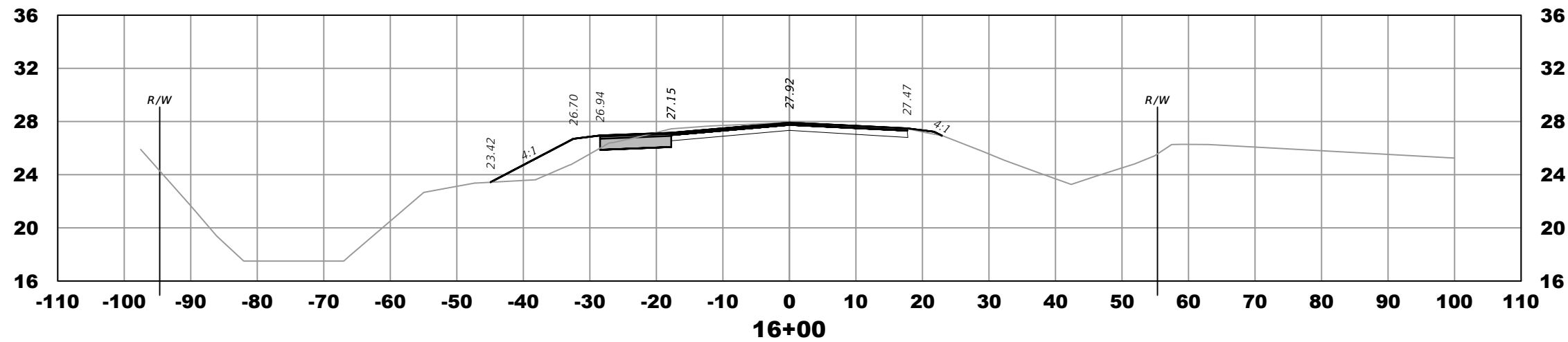
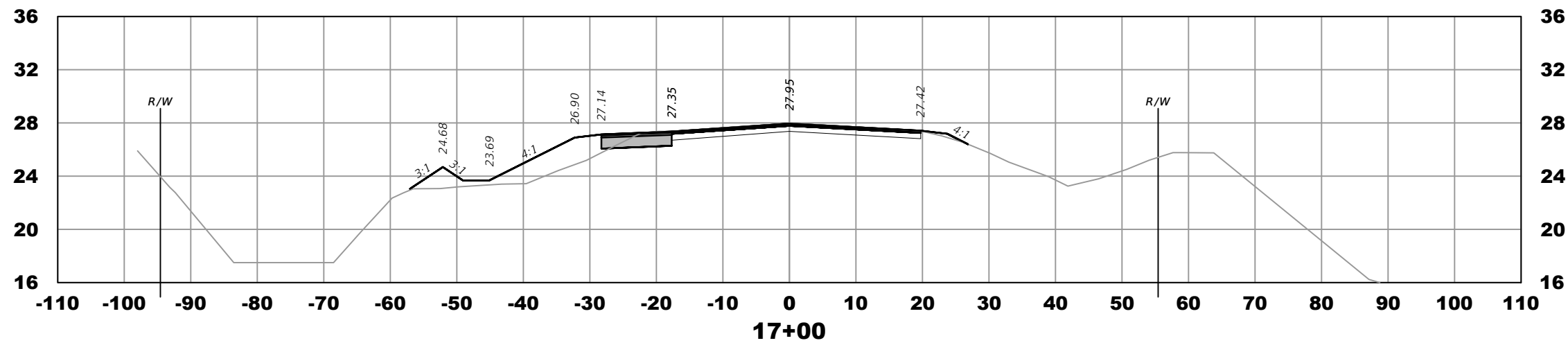
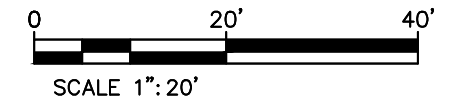
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



ELEVATION DATUM
THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

REVISIONS				MACKENZIE ENGINEERING & PLANNING, INC. 1172 SW 30TH STREET, SUITE 500, PALM CITY, FLORIDA, 34990 C.A. 29013 SHAUN G. MACKENZIE P.E. P.E. NO. 61751	CITY OF PORT ST. LUCIE		<i>CROSS SECTIONS</i> <i>RANGE LINE RD.</i>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		COUNTY	ROAD NO.		
8-29-22	REVISED PER CITY OF PSL				ST. LUCIE COUNTY	CROSSTOWN PARKWAY SEGMENT 2B		

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



ELEVATION DATUM
THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
8-29-22	REVISED PER CITY OF PSL		

MACKENZIE ENGINEERING & PLANNING, INC.
1172 SW 30TH STREET, SUITE 500,
PALM CITY, FLORIDA, 34990
C.A. 29013
SHAUN G. MACKENZIE P.E.
P.E. NO. 61751

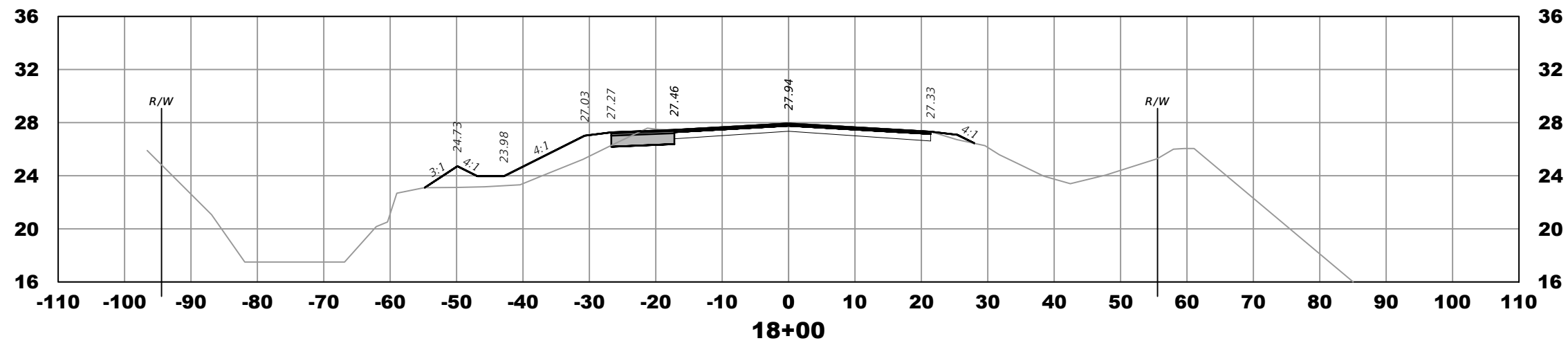
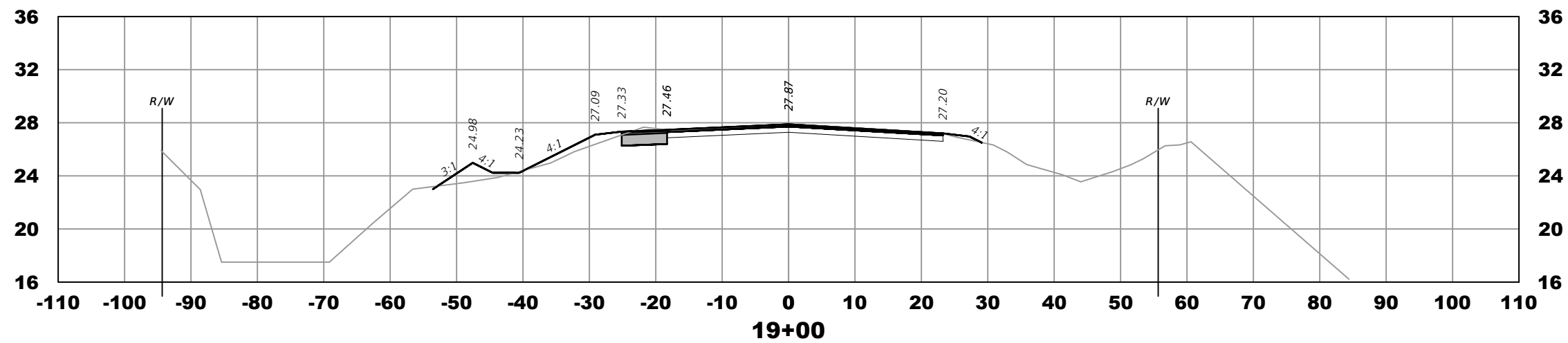
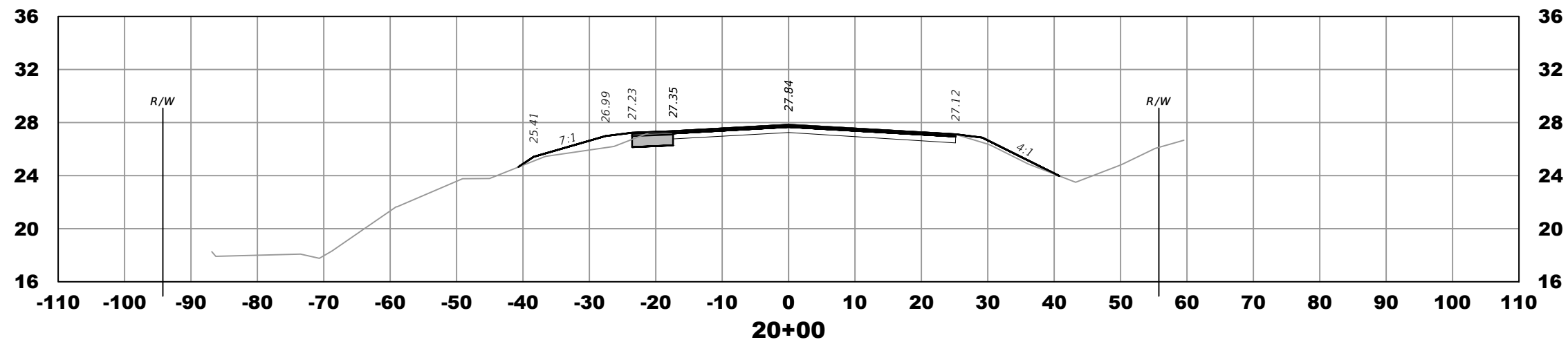
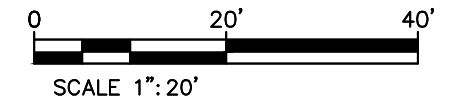
CITY OF PORT ST. LUCIE
121 SW PORT ST. LUCIE BLVD
PORT ST. LUCIE BLVD, FL 34984

COUNTY	ROAD NO.
ST. LUCIE COUNTY	CROSSTOWN PARKWAY SEGMENT 2B

*CROSS SECTIONS
RANGE LINE RD.*

SHEET
NO.
63

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



ELEVATION DATUM
THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
8-29-22	REVISED PER CITY OF PSL		

MACKENZIE ENGINEERING & PLANNING, INC.
1172 SW 30TH STREET, SUITE 500,
PALM CITY, FLORIDA, 34990
C.A. 29013
SHAUN G. MACKENZIE P.E.
P.E. NO. 61751

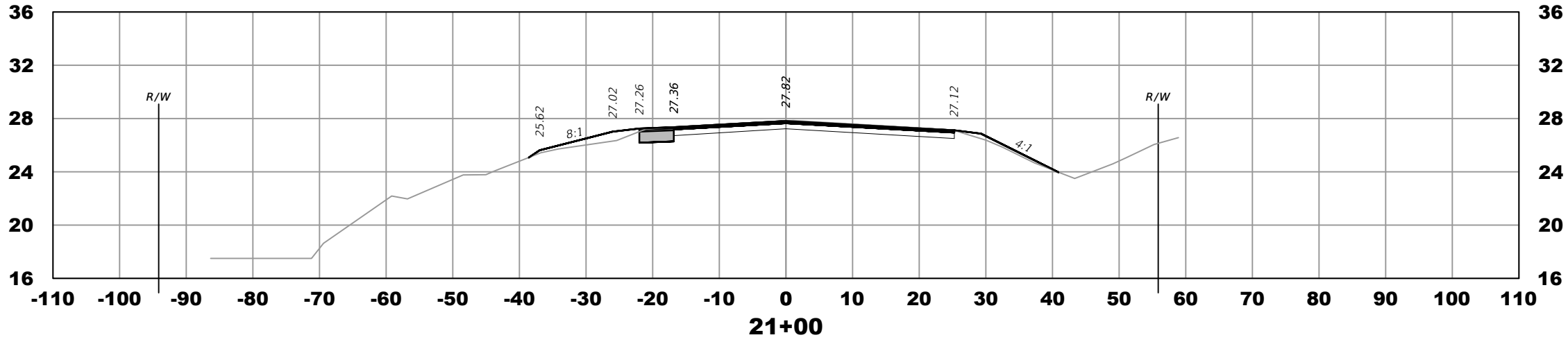
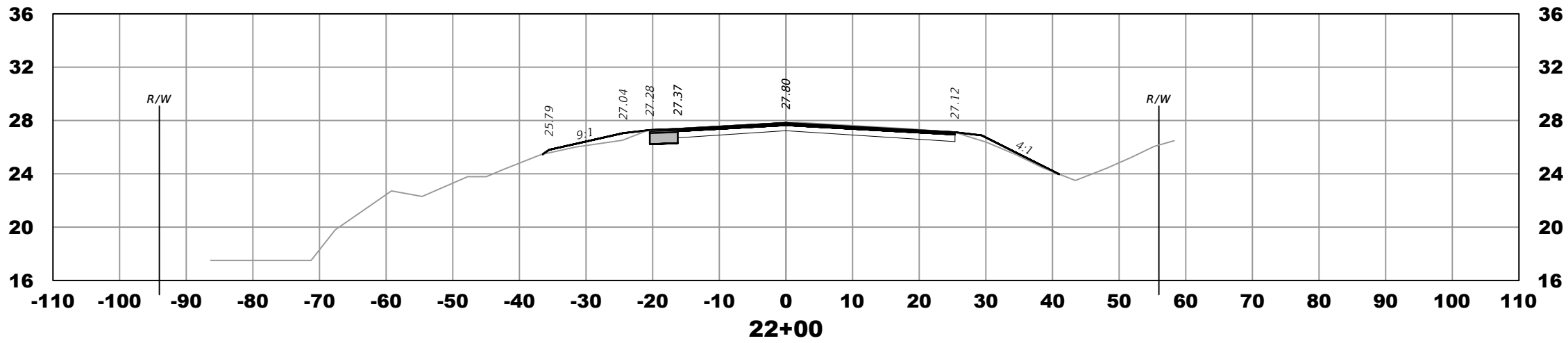
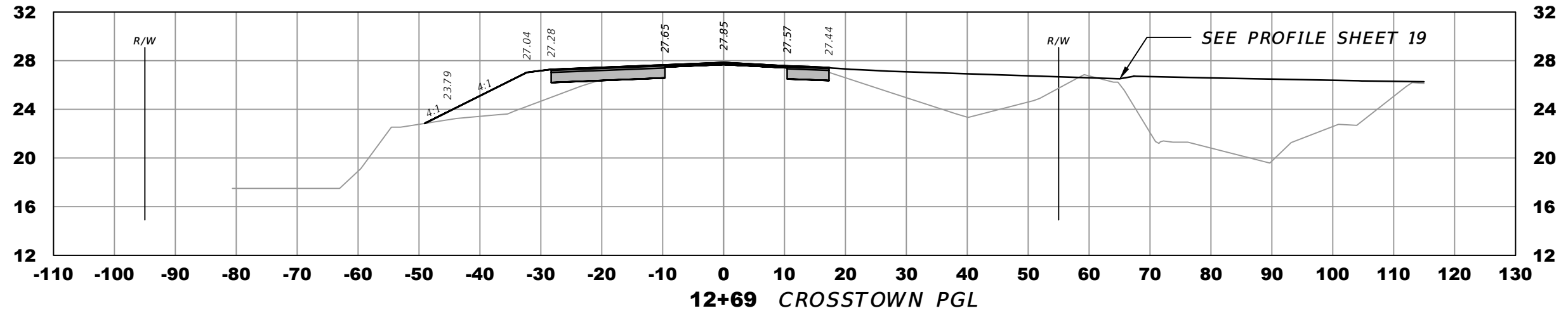
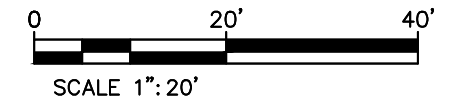
CITY OF PORT ST. LUCIE
121 SW PORT ST. LUCIE BLVD
PORT ST. LUCIE BLVD, FL 34984

COUNTY	ROAD NO.
ST. LUCIE COUNTY	CROSSTOWN PARKWAY SEGMENT 2B

*CROSS SECTIONS
RANGE LINE RD.*

SHEET NO.
64

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



ELEVATION DATUM
THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
8-29-22	REVISED PER CITY OF PSL		

MACKENZIE ENGINEERING & PLANNING, INC.
1172 SW 30TH STREET, SUITE 500,
PALM CITY, FLORIDA, 34990
C.A. 29013
SHAUN G. MACKENZIE P.E.
P.E. NO. 61751

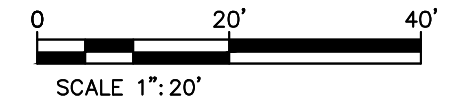
CITY OF PORT ST. LUCIE
121 SW PORT ST. LUCIE BLVD
PORT ST. LUCIE BLVD, FL 34984

COUNTY	ROAD NO.
ST. LUCIE COUNTY	CROSSTOWN PARKWAY SEGMENT 2B

CROSS SECTIONS
RANGE LINE RD.

SHEET NO.
60

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



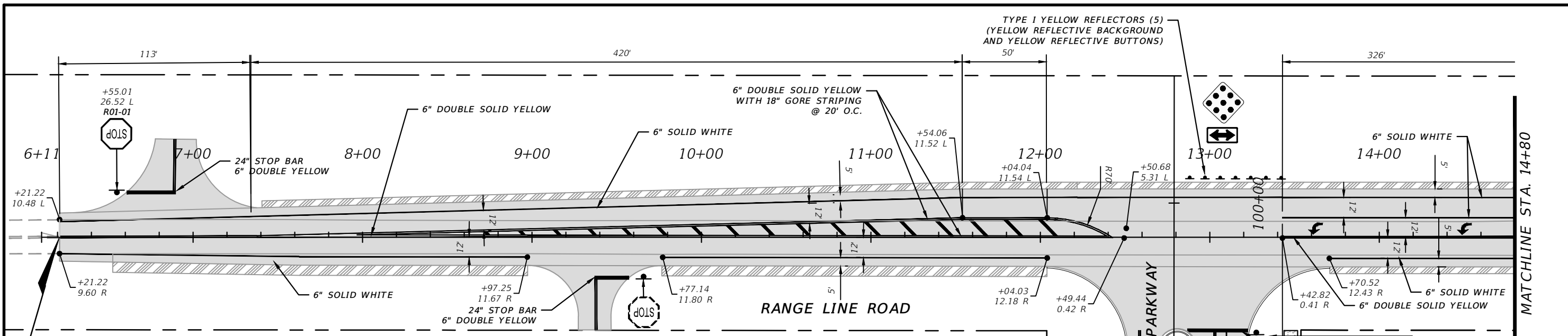
Total Volume Table CY

Station	Cut Area	Fill Area	Cut Vol	Fill Vol	Cum Cut Vol	Cum Fill Vol	Net Vol
6+53.80	0.43	3.62	0.00	0.00	0.00	0.00	0.00
7+00.00	0.04	4.70	0.40	7.11	0.40	7.11	-6.71
8+00.00	0.09	35.72	0.25	74.84	0.65	81.95	-81.30
9+00.00	0.18	31.20	0.51	123.92	1.16	205.87	-204.71
10+00.00	0.05	52.65	0.43	155.27	1.59	361.14	-359.55
11+00.00	0.12	68.07	0.30	223.56	1.89	584.70	-582.81
12+00.00	0.15	78.77	0.49	271.94	2.39	856.64	-854.25
12+69.27	0.32	53.93	0.60	170.23	2.98	1026.87	-1023.89
13+00.00	0.38	54.18	0.40	61.52	3.38	1088.39	-1085.01
14+00.00	1.93	58.40	4.28	208.48	7.66	1296.88	-1289.22
15+00.00	0.71	11.70	4.90	129.82	12.56	1426.70	-1414.14
16+00.00	3.46	24.53	7.72	67.09	20.28	1493.79	-1473.51
17+00.00	0.60	39.53	7.52	118.63	27.80	1612.43	-1584.62
18+00.00	0.98	36.45	2.94	140.70	30.74	1753.13	-1722.39
19+00.00	1.14	15.21	3.93	95.66	34.67	1848.79	-1814.12
20+00.00	0.31	12.88	2.68	52.02	37.35	1900.82	-1863.46
21+00.00	1.12	10.05	2.65	42.46	40.01	1943.28	-1903.27
22+00.00	1.81	7.69	5.43	32.84	45.43	1976.12	-1930.68

ELEVATION DATUM
THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

REVISIONS				MACKENZIE ENGINEERING & PLANNING, INC. 1172 SW 30TH STREET, SUITE 500, PALM CITY, FLORIDA, 34990 C.A. 29013 SHAUN G. MACKENZIE P.E. P.E. NO. 61751	CITY OF PORT ST. LUCIE 121 SW PORT ST. LUCIE BLVD PORT ST. LUCIE BLVD, FL 34984		<i>SECTION VOLUMES</i> <i>RANGE LINE RD.</i>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		COUNTY	ROAD NO.		66
8-29-22	REVISED PER CITY OF PSL				ST. LUCIE COUNTY	CROSSTOWN PARKWAY SEGMENT 2B		

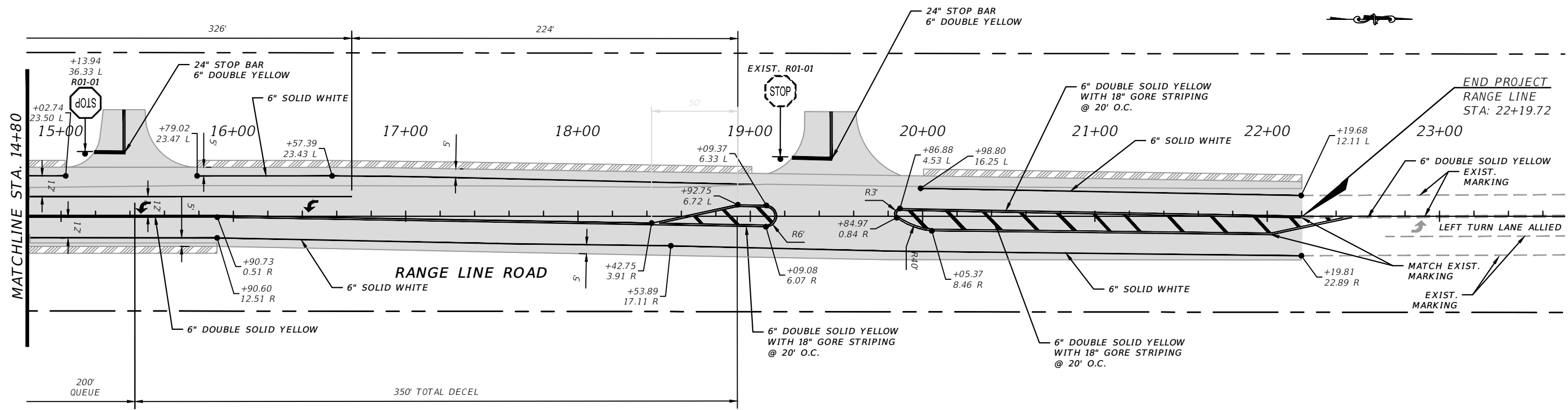
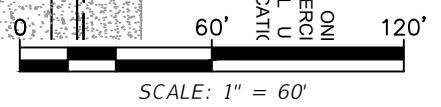
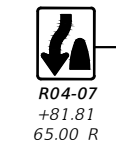
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



BEGIN PROJECT
RANGE LINE
STA: 6+21.22

NOTES:

1. ALL PAVEMENT MARKINGS TO BE INSTALLED PER FDOT INDEX 711-001.
2. PLACEMENT AND COLOR OF RAISED, REFLECTIVE, PAVEMENT MARKERS SHALL BE INSTALLED PER FDOT INDEX 706-001.



CITY OF PSL PROJECT NO. P22-169
PSLUSD PROJECT NO. 9-0915-F

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
8-29-22	REVISED PER CITY OF PSL		

MACKENZIE ENGINEERING & PLANNING, INC.
1172 SW 30TH STREET, SUITE 500,
PALM CITY, FLORIDA, 34990
C.A. 29013
SHAUN G. MACKENZIE P.E.
P.E. NO. 61751

CITY OF PORT ST. LUCIE
121 SW PORT ST. LUCIE BLVD
PORT ST. LUCIE BLVD, FL 34984

COUNTY	ROAD NO.
ST. LUCIE COUNTY	CROSSTOWN PARKWAY SEGMENT 2B

PAVEMENT MARKING
RANGE LINE RD.

SHEET NO.
67

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

SEQUENCING OF CONSTRUCTION

MAINTENANCE OF TRAFFIC (MOT) PLAN
RANGE LINE ROAD AND CROSSTOWN PARKWAY INTERSECTION

MOT BASIS
RANGE LINE ROAD, DRIVEWAYS AND ENTRANCES TO REMAIN OPEN DURING CONSTRUCTION AT ALL TIMES.

MOBILIZATION
SET UP EROSION CONTROL / PLACE TEMPORARY SIGNAGE AND MARKINGS PER FDOT INDEX 102-600 SERIES.

PHASE 1: EAST SECTION CONSTRUCTION
MAINTAIN NORTH SOUTH TRAFFIC ON WEST SIDE OF ROADWAY. CONSTRUCT NORTH BOUND BASE, 1ST LIFT PAVEMENT, SHOULDER SWALE AND GRADING. CONNECT ALL DRIVES AND TURN OUTS ON EAST SIDE. INSTALL STOP SIGNS. MAINTAIN ACCESS TO COMMERCIAL PROPERTY. ANY UTILITY ADJUSTMENTS

PHASE 2: WEST SECTION CONSTRUCTION
MAINTAIN NORTH SOUTH TRAFFIC ON EAST SIDE OF ROADWAY. CONSTRUCT SOUTHBOUND BASE, 1ST LAYER PAVEMENT, SHOULDER, WATER QUALITY SWALE AND BERM. CONNECT ALL DRIVES AND TURN OUTS ON WEST SIDE SIDE. MAINTAIN ACCESS TO COMMERCIAL PROPERTY. ANY UTILITY ADJUSTMENTS.

PHASE 3: OVERLAY PAVEMENT
MAINTAIN TRAFFIC ON OUTSIDE LANES. OVERLAY EXISTING PAVEMENT WITH 1ST LIFT. LANDSCAPING AND UTILITY ADJUSTMENTS IF ANY.

PHASE 4: OVERLAY PAVEMENT FINAL LIFT
REDIRECT TRAFFIC PER PHASE 1 AND 2. OVERLAY ALL PAVEMENT WITH FINAL LIFT.

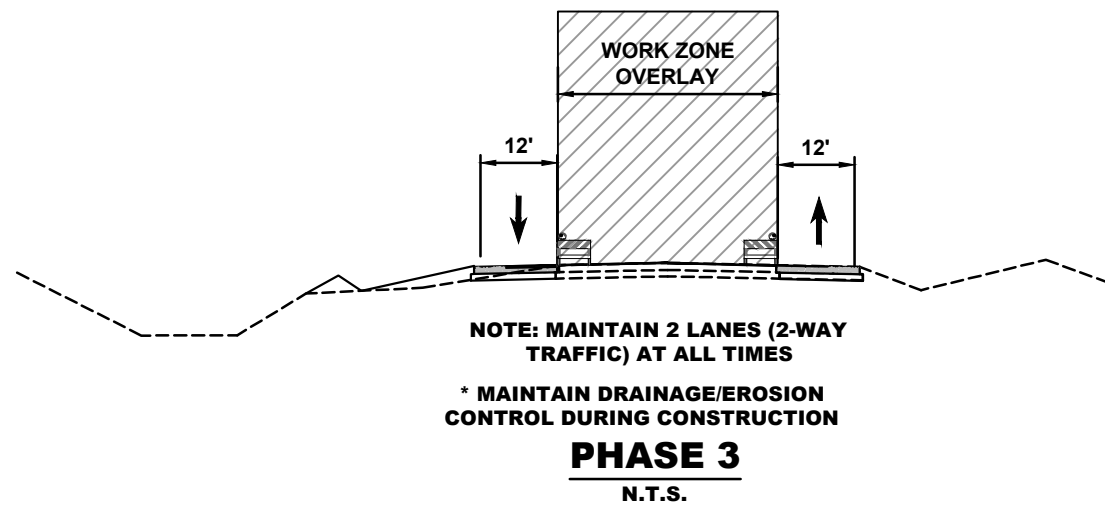
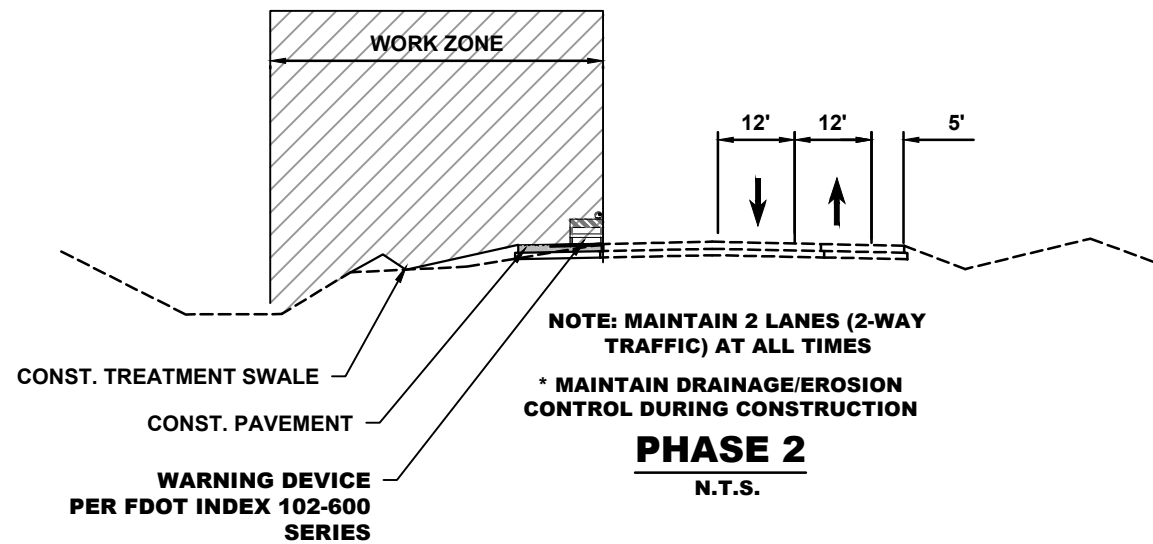
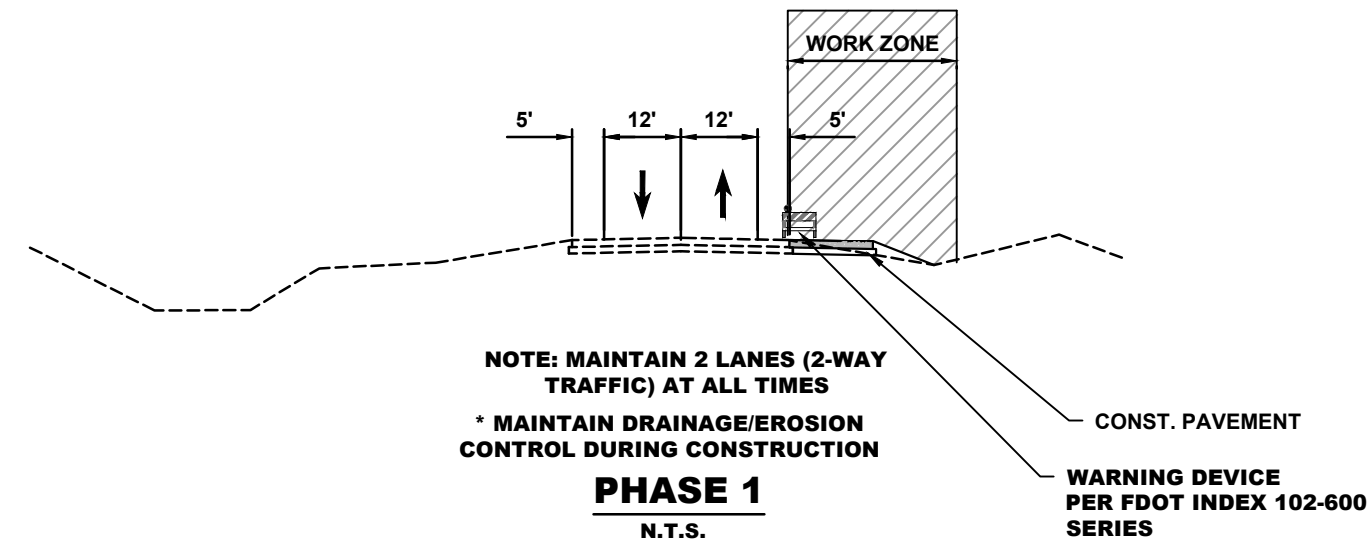
FINAL PHASE:
PLACE THERMOPLASTIC STRIPING / REMOVE TEMPORARY SIGNAGE / CLEAN UP / SOD / LIGHT STARTUP.

**APPLICABLE
FDOT INDEXES**

102-602
102-603
102-606
102-608

NOTES:

- CONTRACTOR TO PROVIDE SIGNED AND SEALED MOT PLANS FOR REVIEW AND APPROVAL BY THE COUNTY PRIOR TO IMPLEMENTATION.
- INSTALL ADVANCED WARNING SIGNS ON SIDE STREETS. SIGN TO REMAIN DURING ALL PHASES.
- PLACE TEMPORARY WORK SIGNS, CHANNELIZING DEVICES AND OTHER TRAFFIC CONTROL DEVICES DURING CONSTRUCTION ACTIVITIES PER FDOT INDEX 102-600, 102-613, 102-615 AND 102-616.
- USE STANDARD CLEARING AND GRUBBING FOR EXISTING MEDIAN PREPARATION.
- UPON COMPLETION OF PHASES 1, 2, AND 3, PLACE TEMPORARY PAVEMENT MARKINGS AND STRIPING .
- UPON COMPLETION OF ALL PHASES, PLACE PERMANENT PAVEMENT MARKINGS AND STRIPING.



LOOKING NORTH

REVISIONS		MACKENZIE ENGINEERING & PLANNING, INC. 1172 SW 30TH STREET, SUITE 500, PALM CITY, FLORIDA, 34990 C.A. 29013 SHAUN G. MACKENZIE P.E. P.E. NO. 61751		CITY OF PORT ST. LUCIE 121 SW PORT ST. LUCIE BLVD PORT ST. LUCIE BLVD, FL 34984		MOT RANGELINE ROAD MAINTENANCE OF TRAFFIC	SHEET NO. 68
DATE	DESCRIPTION	DATE	DESCRIPTION	COUNTY	ROAD NO.		
8-29-22	REVISED PER CITY OF PSL			ST. LUCIE COUNTY	CROSSTOWN PARKWAY SEGMENT 2B		