

# SHEET INDEX

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## CONSTRUCTION PLANS AND DETAILS

# CROSSTOWN PARKWAY 4 LANE EXPANSION

## SEGMENT 2B WEST OF VILLAGE PARKWAY

PREPARED FOR  
VERANO DEVELOPMENT, LLC

### CONSULTANTS

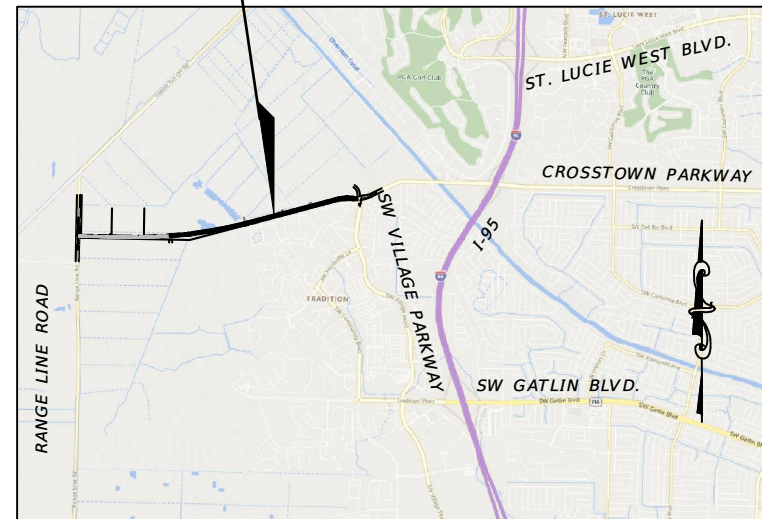
#### CIVIL ENGINEER

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



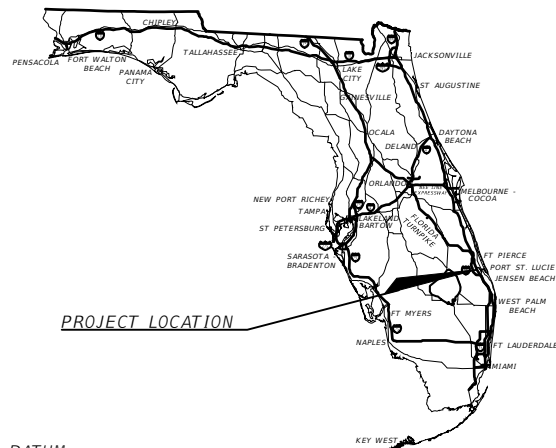
SEGMENT 2B

BEGIN PROJECT  
STA: 100+30.62

END PROJECT  
STA: 145+91.03

### LOCATION MAP

NTS  
PORT ST. LUCIE, FLORIDA



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.

12-5-23

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>KEY SHEET</i>	SHEET NO.  1
DATE	DESCRIPTION	DATE	DESCRIPTION		COUNTY	ROAD NO.		
----	4 LANE			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.

SUMMARY OF PAY ITEMS

Item	Description	Segment 2B 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	LF
110-1-1	CLEARING & GRUBBING	2.2	AC
160-4	TYPE B STABILIZATION	11,881	SY
285-709	OPTIONAL BASE, BASE GROUP 09	11,382	SY
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	1,197	TN
337-7-83	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-12	599	TN
327-70-1	MILLING EXISTING ASPHALT PAVEMENT, 1" AVG DEPTH	7,235	SY
425-1-365	INLETS, CURB, TYPE P-6, PARTIAL	7	EA
440-000	EDGEDRAIN	1,018	LF
440-000	EDGEDRAIN OUTFALL	5	AS
520-1-10	CONCRETE CURB & GUTTER, TYPE F	1,209	LF
520-2-10	CONCRETE CURB, HEADER	211	LF
523-3	GREEN PATTERNED PAVEMENT (BIKE LANE)	319	SY
700-1-50	SINGLE POST SIGN, RELOCATE	9	AS
700-1-60	SINGLE POST SIGN, REMOVE	7	AS
706-1-3	REFLECTIVE PAVEMENT MARKERS	301	EA
711-11-124	THERMOPLASTIC WHITE 18" SOLID LINE	120	EA
711-11-125	THERMOPLASTIC WHITE 24" SOLID LINE	36	LF
711-11-141	THERMOPLASTIC WHITE SKIP 6" (2-4')	0.4	GM
711-11-170	THERMOPLASTIC WHITE REGULAR ARROWS (THRU, TURN, BIKE)	40	EA
711-15-101	THERMOPLASTIC WHITE 6" SOLID LINE	1.6	GM
711-15-131	THERMOPLASTIC WHITE SKIP 6" (10-30')	1.60	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 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.
- 104-12 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.

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		SHEET NO.  2
DATE	DESCRIPTION	DATE	DESCRIPTION		COUNTY	ROAD NO.	
---	4 LANE			ST. LUCIE COUNTY	CROSSTOWN PARKWAY SEGMENT 2B		

SUMMARY OF  
PAY ITEMS

**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/REMEDIATION 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**

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

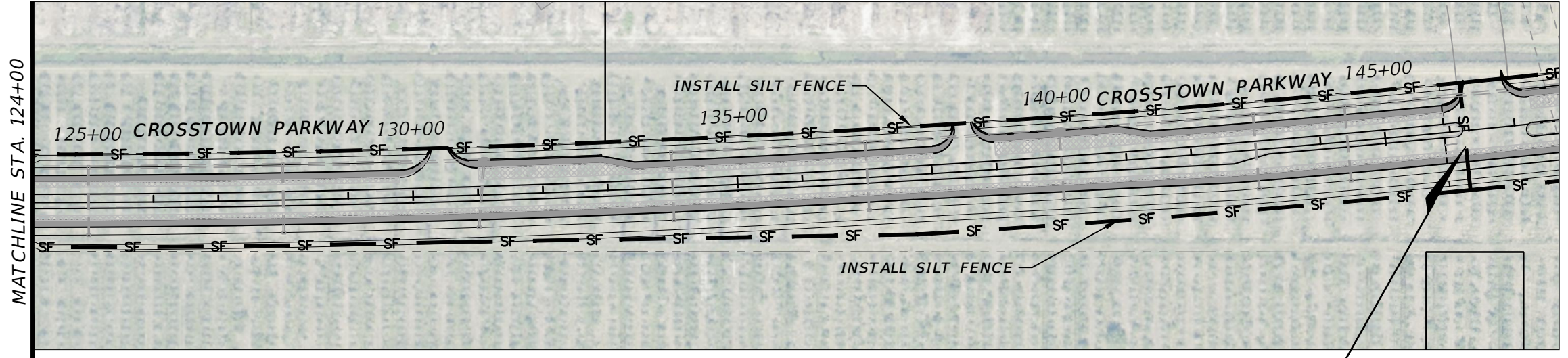
**IN THE EVENT OF CONFLICTING SPECIFICATIONS WITH THESE NOTES AND THE UTILITY STANDARDS MANUAL, THE MORE STRINGENT REQUIREMENT APPLIES.**

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

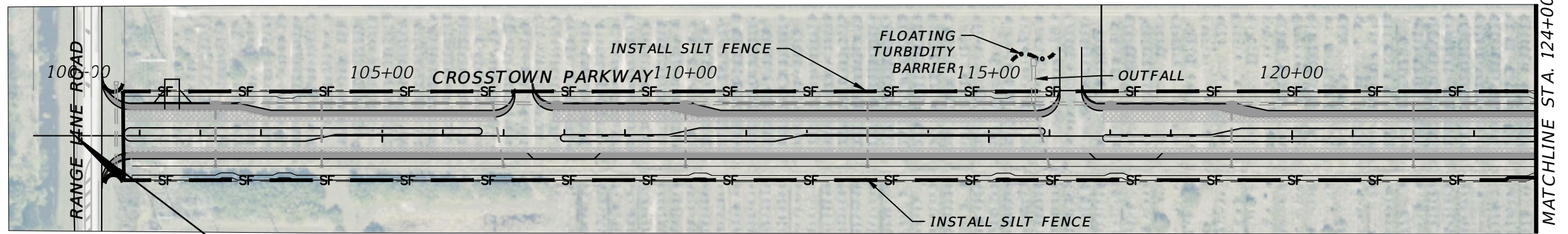
REVISIONS				MACKENZIE ENGINEERING & PLANNING, INC. 1172 SW 30TH STREET, SUITE 500, PALM CITY, FLORIDA, 34990 C.A. 29013 SHAUN G. MACKENZIE P.E. P.E. NO. 61751	CITY OF PORT ST. LUCIE 121 SW PORT ST. LUCIE BLVD PORT ST. LUCIE BLVD, FL 34984		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		COUNTY	ROAD NO.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

*GENERAL NOTES*

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



NOTE: INSTALL INLET PROTECTION PER DETAIL ON ALL EXISTING INLETS.



BEGIN PROJECT  
STA: 99+25

*The property owner, contractor, and authorized representatives shall provide pickup, removal, and disposal of litter within the project limits and shall be responsible for maintenance of the area from the edge of pavement to the property line within the City's right-of-way in accordance with City Code, Section 41.08 (g).*

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.

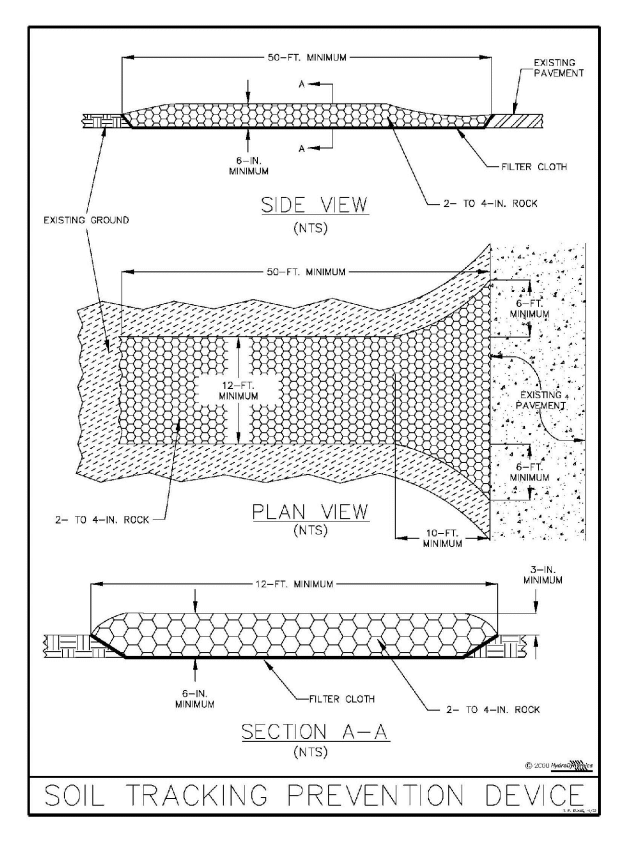
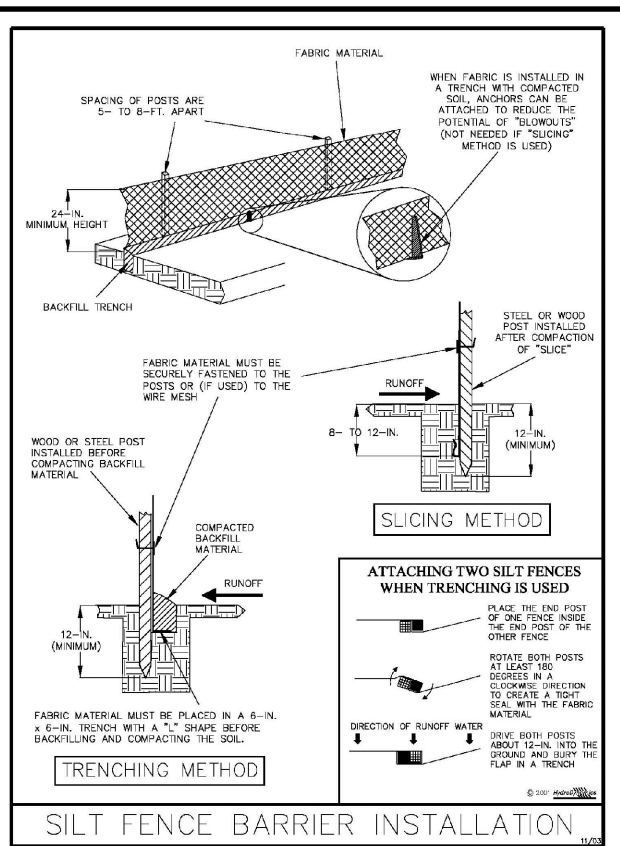
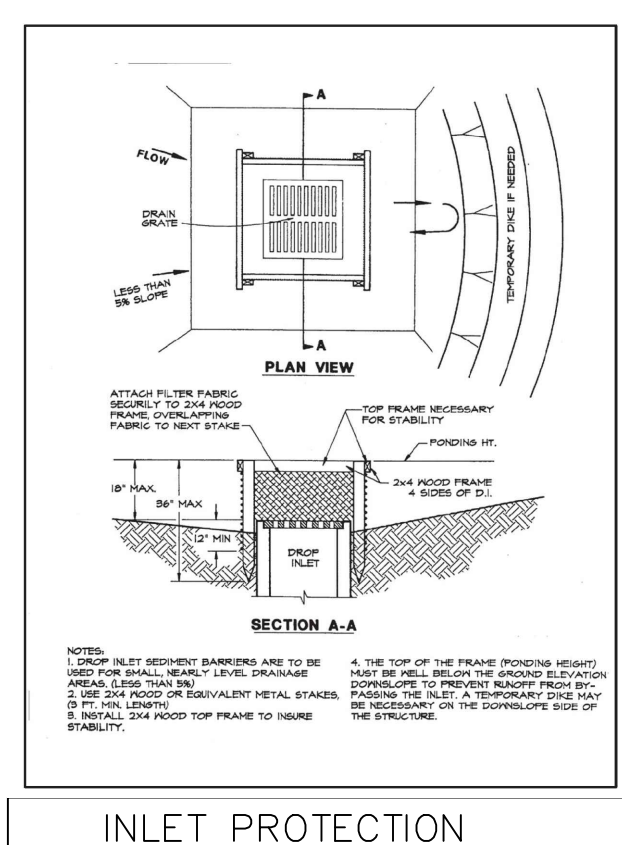
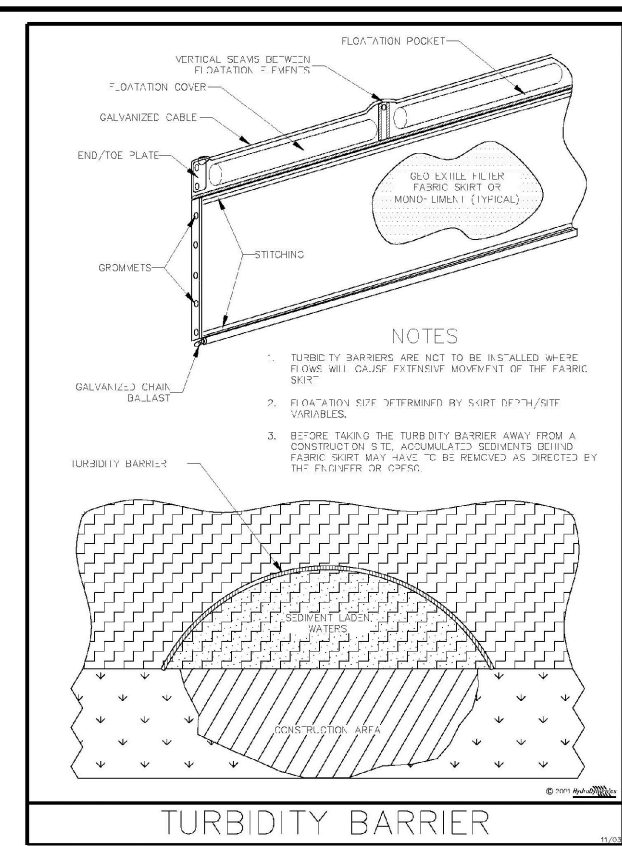
CITY OF PSL PROJECT NO. P22-169  
PSLUSD PROJECT NO. 9-0915-F

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		<b><i>EROSION AND SEDIMENT CONTROL PLAN</i></b>	SHEET NO.  4
DATE	DESCRIPTION	DATE	DESCRIPTION		COUNTY	ROAD NO.		
3-27-23	4 LANE			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.

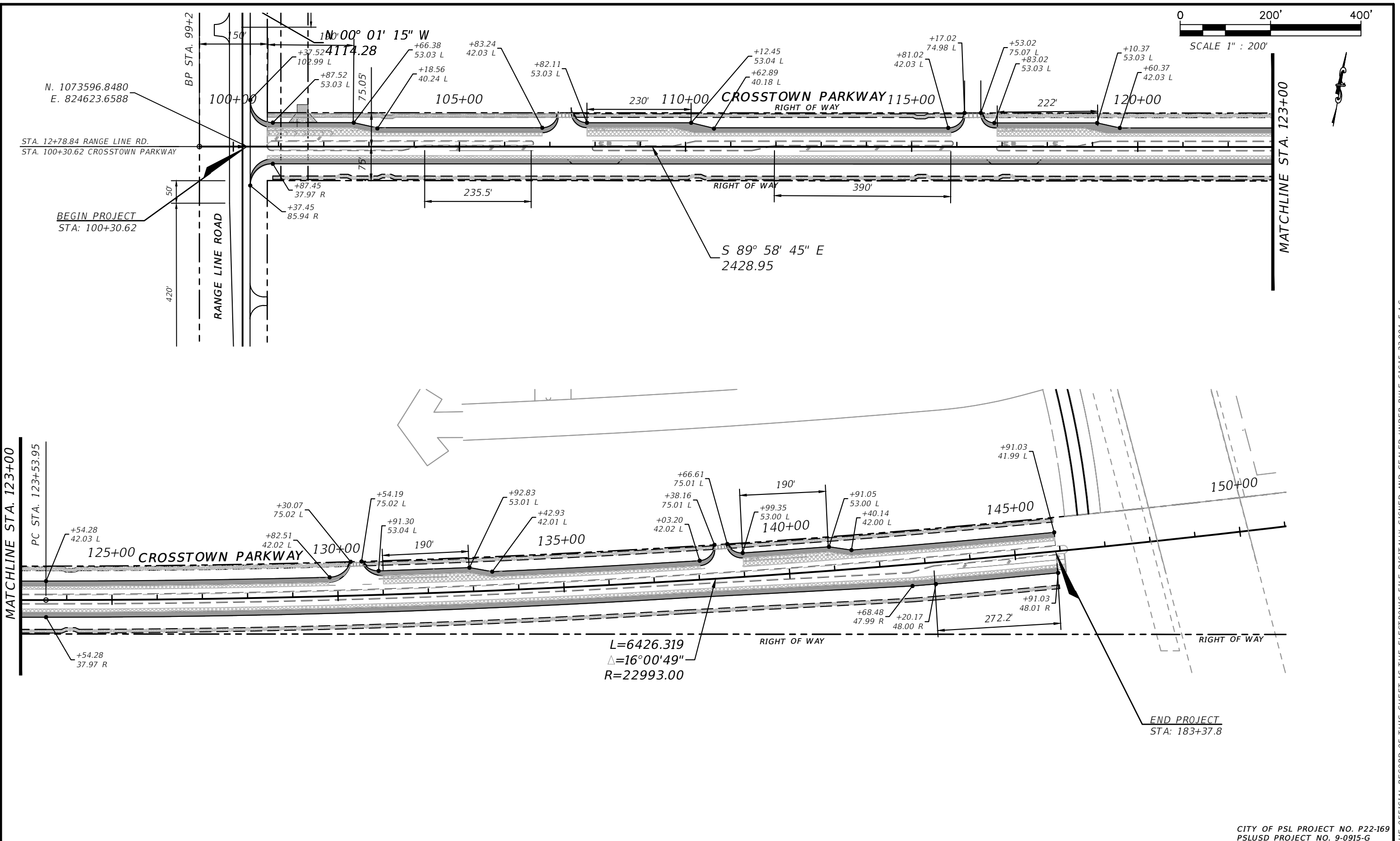
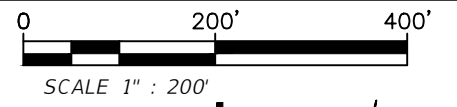
1	Project Name and location information:	<b>CROSTOWN PARKWAY EXTENSION COMMENCING AT VILLAGE PARKWAY TO THE EAST, TERMINATING AT RANGLINE ROAD TO THE WEST, PEACOCK CANAL TO THE SOUTH, AND VERANO DRI TO THE NORTH. THE PROJECT WILL BE DIVIDED INTO THREE SEGMENTS</b>
2	Describe the nature of the construction activity:	<b>ROADWAY CONSTRUCTION WITH SWALES, CROSS DRAINS, AND EDGE DRAINS</b>
3	Describe the intended sequence of major soil disturbing activities:	<ol style="list-style-type: none"> <li>1. PLACEMENT OF ALL EROSION CONTROL DEVICES.</li> <li>2. SITE GRADING AND FILL MATERIAL PLACEMENT.</li> <li>3. CONSTRUCT ROADWAY EXTENSION AND STORMWATER SYSTEM.</li> <li>4. SOD/RESTORE ALL WORK AREAS.</li> <li>5. REMOVAL OF EROSION CONTROL DEVICES.</li> </ol>
4	Total area of the site:	<b>PI: ± 19.7 AC, PII: ± 13.1 AC, PIII: ± 15.8 AC</b>
5	Total area of the site to be disturbed:	<b>PI: ± 5.7 AC, PII: ± 4.4 AC, PIII: ± 6.8 AC</b>
6	Existing data describing the soil or quality of any stormwater discharge from the site:	<b>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</b>
7	Estimate the drainage area size for each discharge point:	<b>0.58 ACRES (DBI TYPE 'E' INLET)</b>
8	Latitude and longitude of each discharge point and identify the receiving water or MS4 for each discharge point:	<b>C-24 CANAL, ST. LUCIE RIVER</b>
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><b>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.</b></p> <p><b>INSTALL STABILIZED CONSTRUCTION ENTRANCE AT ALL COMMON AREAS WHERE CONSTRUCTION VEHICLES WILL BE ENTERING AND EXISTING THE CONSTRUCTION SITE.</b></p> <p><b>INSTALL SILT FENCE, TYPE III, AROUND PERIMETER OF PROPOSED IMPROVEMENTS AND TURBIDITY BARRIER WHERE CONCRETE ENDWALLS ARE BEING CONSTRUCTED</b></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><b>TEMPORARY: SOD IN ACCORDANCE WITH FDOT SPECIFICATION SECTION 104.</b></p> <p><b>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.</b></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.	<b>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.</b>
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.	N/A
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.	<b>CURB AND GUTTER SYSTEM WITH PIPE /INLETS TO RETENTION</b>

14	Waste disposal, this may include construction debris, chemicals, litter, and sanitary wastes:	<b>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.</b>		
15	Offsite vehicle tracking from construction entrances/exits:	<b>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.</b>		
16	The proper application rates of all fertilizers, herbicides and pesticides used at the construction site:	<b>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.</b>		
17	The storage, application, generation and migration of all toxic substances:	<b>ALL PAINTS AND OTHER CHEMICALS WILL BE STORED IN A LOCKED COVERED SHED.</b>		
18	Other:	<b>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.</b>		
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><b>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:</b></p> <ul style="list-style-type: none"> <li>• 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.</li> <li>• MAINTENANCE SHALL BE PERFORMED ON THE ROCK ENTRANCE WHEN ANY VOID SPACES ARE FULL OF SEDIMENT.</li> <li>• 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.</li> <li>• BARE AREAS OF THE SITE THAT WERE PREVIOUSLY SEEDED SHALL BE RESEED PER MANUFACTURER'S INSTRUCTIONS.</li> <li>• MULCH AND SOD THAT HAS BEEN WASHED OUT SHALL BE REPLACED IMMEDIATELY.</li> <li>• MAINTAIN ALL OTHER AREAS OF THE SITE WITH PROPER CONTROLS AS NECESSARY.</li> </ul>		
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><b>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.</b></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><b>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.</b></p> <p><b>THE CONTRACTOR IS RESPONSIBLE FOR DOCUMENTING THIS PORTION OF THE SWPPP. IF CONTAMINATED SOIL OF GROUNDWATER IS ENCOUNTERED, CONTACT THE DISTRICT HAZARDOUS MATERIALS COORDINATOR.</b></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



<p style="text-align: center;">REVISIONS</p> <table border="1"> <thead> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>3-27-23</td> <td>4 LANE</td> <td></td> <td></td> </tr> </tbody> </table>				DATE	DESCRIPTION	DATE	DESCRIPTION	3-27-23	4 LANE			<p>MACKENZIE ENGINEERING &amp; PLANNING, INC.  1172 SW 30TH STREET, SUITE 500,  PALM CITY, FLORIDA, 34990  C.A. 29013  SHAUN G. MACKENZIE P.E.  P.E. NO. 61751</p>	<p>CITY OF PORT ST. LUCIE  121 SW PORT ST. LUCIE BLVD  PORT ST. LUCIE BLVD, FL 34984</p> <p>COUNTY: ST. LUCIE COUNTY ROAD NO.: CROSTOWN PARKWAY SEGMENT 2B</p>	<p style="text-align: center;"><b>EROSION AND SEDIMENT CONTROL  NOTES AND DETAILS</b></p>	<p>SHEET NO. 5</p>
DATE	DESCRIPTION	DATE	DESCRIPTION												
3-27-23	4 LANE														

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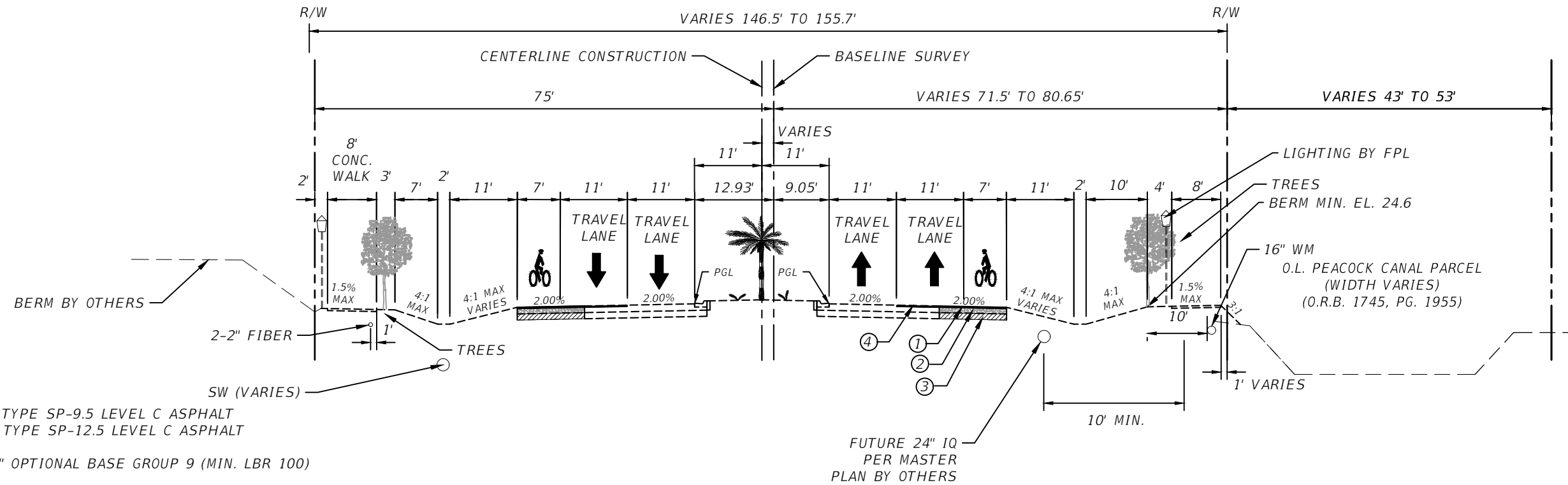


CITY OF PSL PROJECT NO. P22-169  
PSLUSD PROJECT NO. 9-0915-G

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		PROJECT LAYOUT	SHEET NO. 6
DATE	DESCRIPTION	DATE	DESCRIPTION		COUNTY	ROAD NO.		
----	4 LANE			ST. LUCIE COUNTY	CROSSTOWN PARKWAY SEGMENT 2B			

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PROPOSED CROSSTOWN 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
- ④ 1" MILL AND OVERLAY 1" SP-9.5

DESIGN SPEED = 50 MPH  
POSTED SPEED = 45 MPH

STA: 100+00 TO 145+91.03

TYPICAL SECTION  
CROSSTOWN PARKWAY  
SEGMENT 2B

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

REVISIONS			
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MACKENZIE ENGINEERING & PLANNING, INC.  
1172 SW 30TH STREET, SUITE 500,  
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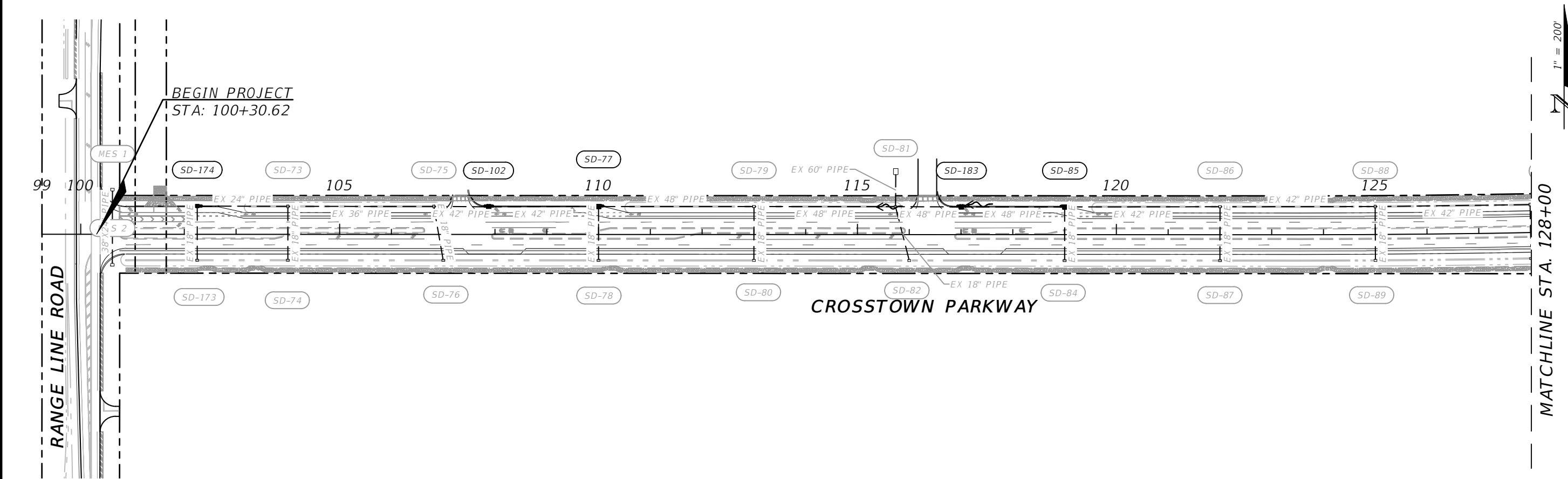
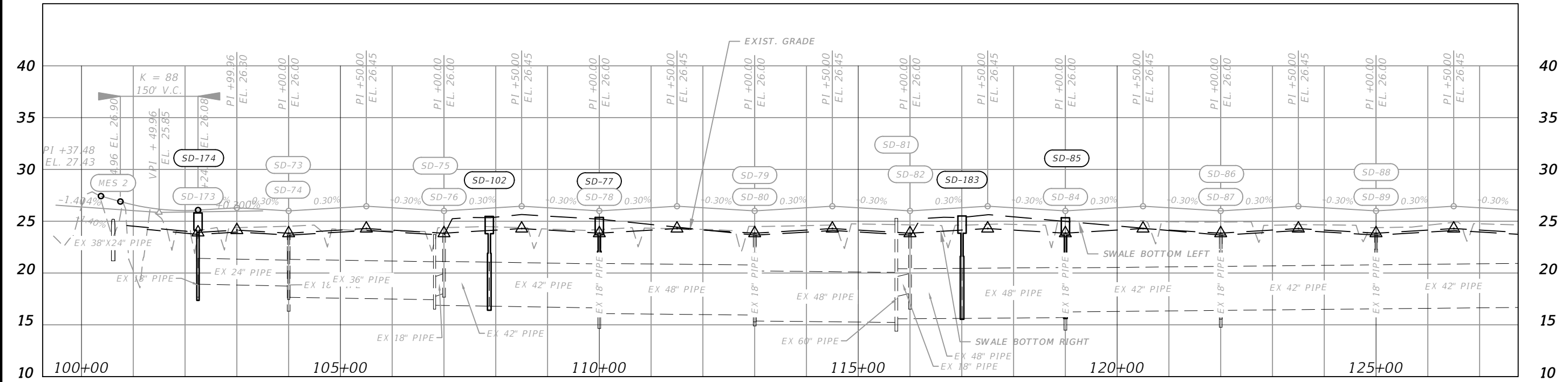
CITY OF PORT ST. LUCIE  
121 SW PORT ST. LUCIE BLVD  
PORT ST. LUCIE BLVD, FL 34984

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

TYPICAL SECTION

SHEET NO.

7



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
---	REVISED PER CITY OF PSL		

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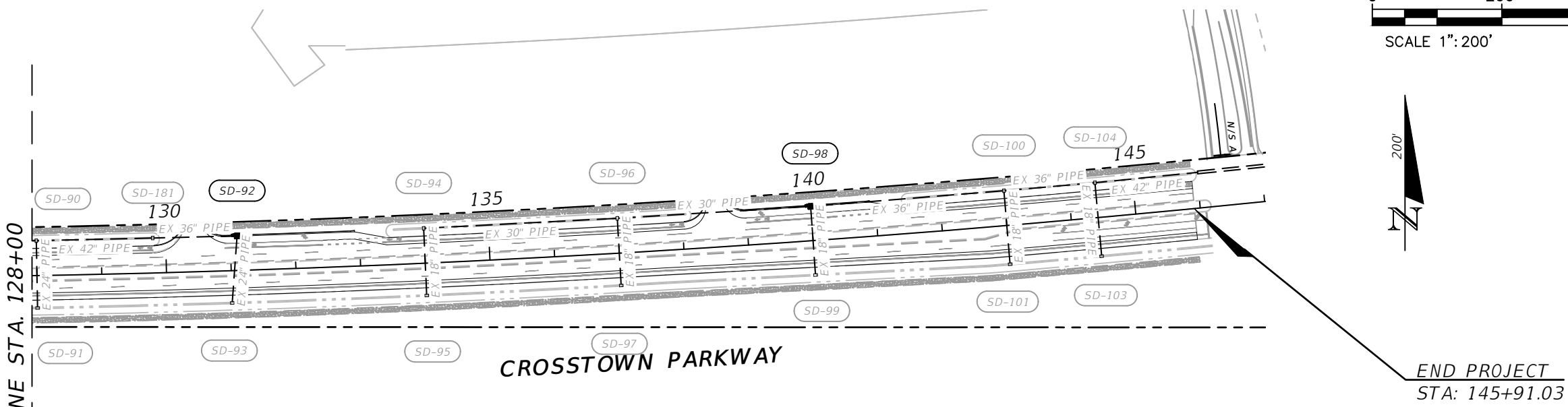
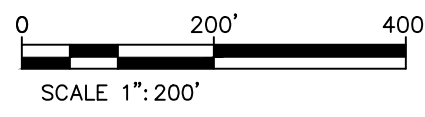
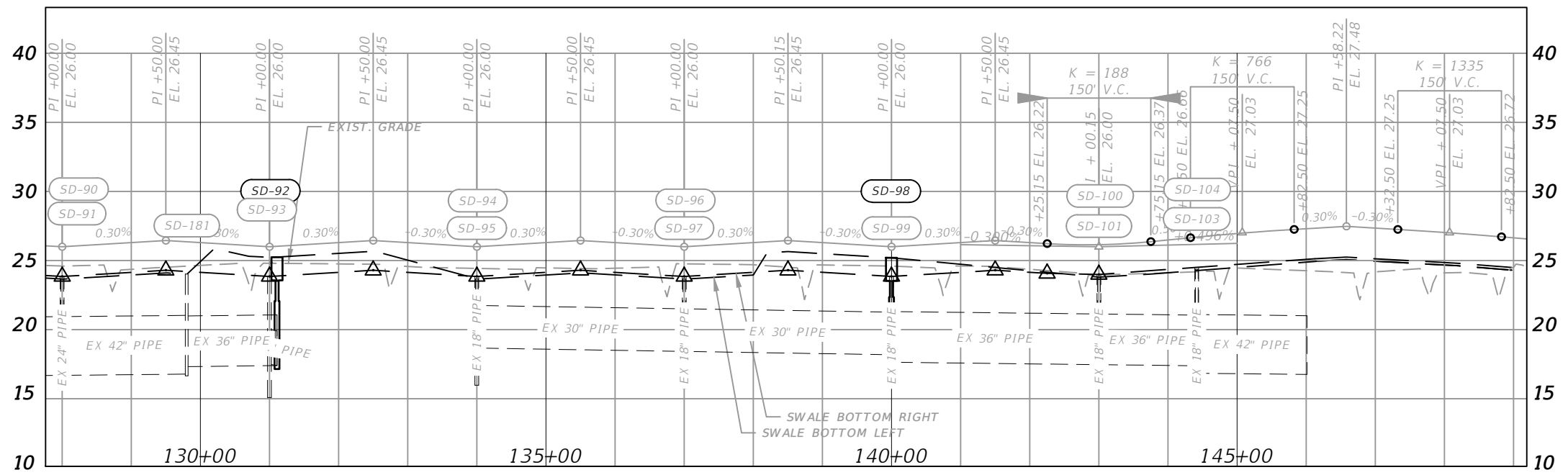
COUNTY	ROAD NO.
ST. LUCIE COUNTY	CROSSTOWN PARKWAY SEGMENT 2B

*DRAINAGE MAP*

SHEET NO.
8

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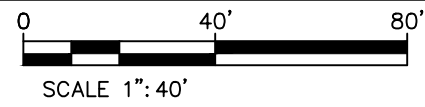
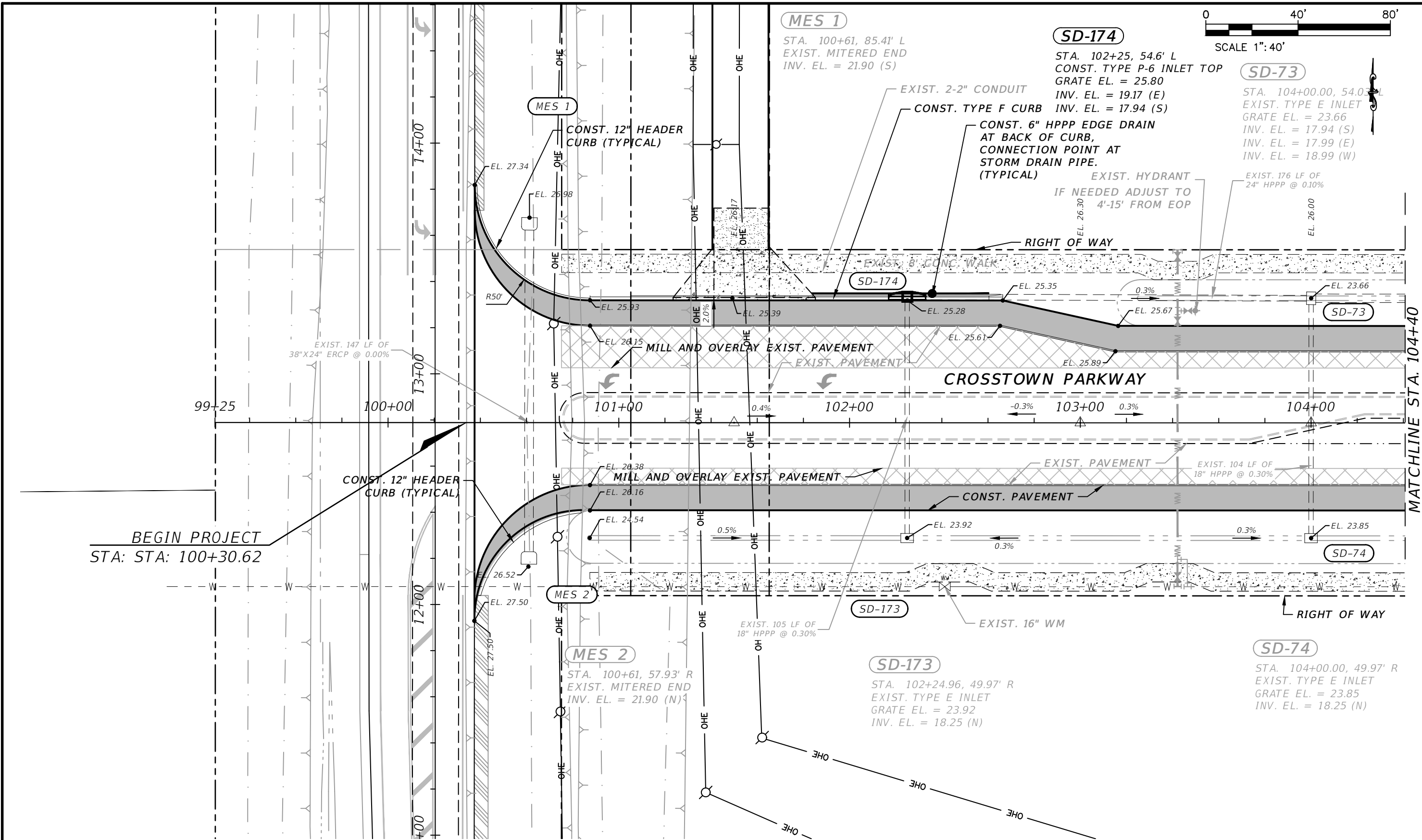
CITY OF PSL PROJECT NO. P22-169  
PSLUSD PROJECT NO. 9-0915-F

REVISIONS		DESCRIPTION	DATE	DESCRIPTION
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3-27-23	4	LANE		

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	

<i>DRAINAGE MAP</i>		SHEET NO.
		9

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BEGIN PROJECT  
STA: STA: 100+30.62

MATCHLINE STA. 104+40

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

REVISIONS			
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MACKENZIE ENGINEERING & PLANNING, INC.  
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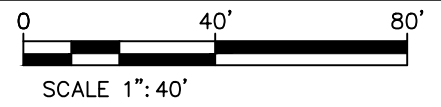
CITY OF PORT ST. LUCIE  
121 SW PORT ST. LUCIE BLVD  
PORT ST. LUCIE, FL 34984

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

PLAN

SHEET NO.  
10

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**SD-75**

STA. 106+81.86, 54.03' L  
 EXIST. TYPE E INLET W/ TYPE J BOTTOM  
 GRATE EL. = 23.72  
 INV. EL. = 17.93 (S)  
 INV. EL. = 17.76 (W)  
 INV. EL. = 17.26 (E)

**SD-102**

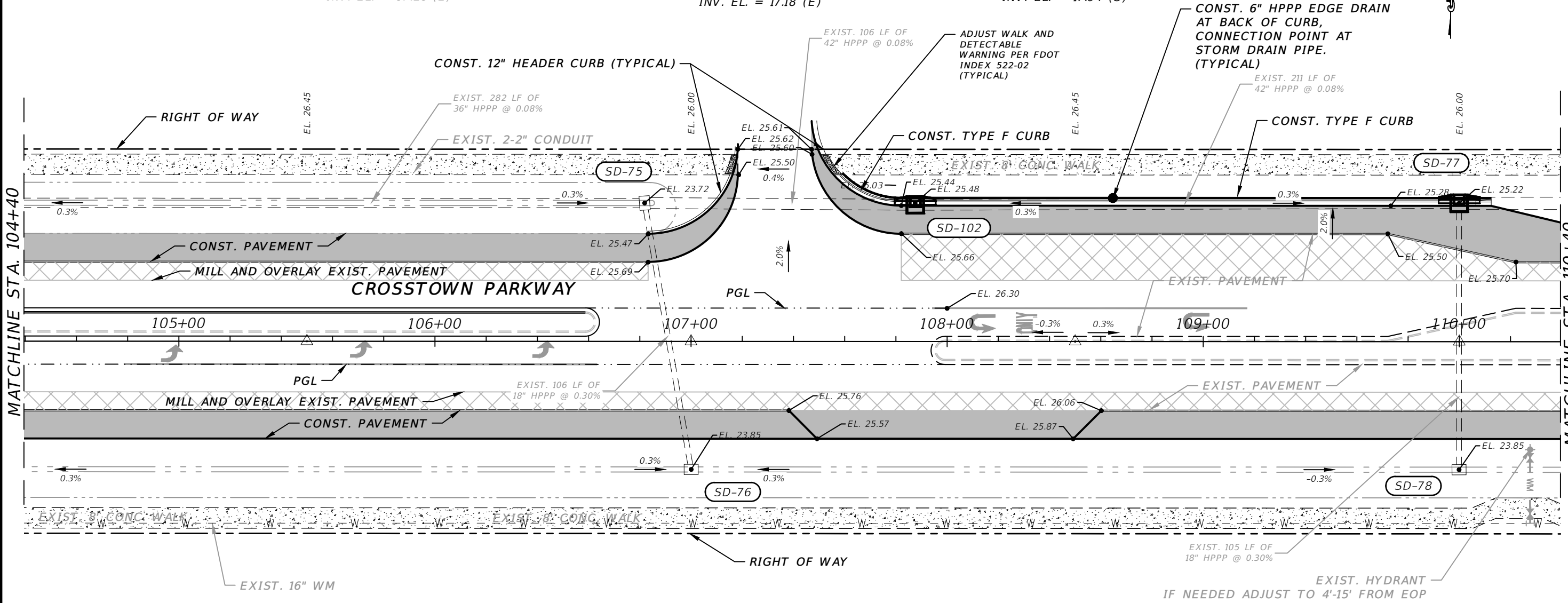
STA. 107+88, 53.4' L  
 CONST. TYPE 6 INLET TOP  
 GRATE EL. = 25.47  
 INV. EL. = 17.18 (W)  
 INV. EL. = 17.18 (E)

**SD-77**

STA. 110+00, 54.0' L  
 CONST. TYPE 6 INLET TOP  
 GRATE EL. = 25.37  
 INV. EL. = 17.01 (W)  
 INV. EL. = 16.51 (E)  
 INV. EL. = 17.94 (S)

MATCHLINE STA. 104+40

MATCHLINE STA. 110+40



**SD-76**

STA. 107+00.08, 49.97' R  
 EXIST. TYPE E INLET  
 GRATE EL. = 23.85  
 INV. EL. = 18.25 (N)

**SD-78**

STA. 109+99.94, 49.97' R  
 EXIST. TYPE E INLET  
 GRATE EL. = 23.85  
 INV. EL. = 18.25 (N)

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

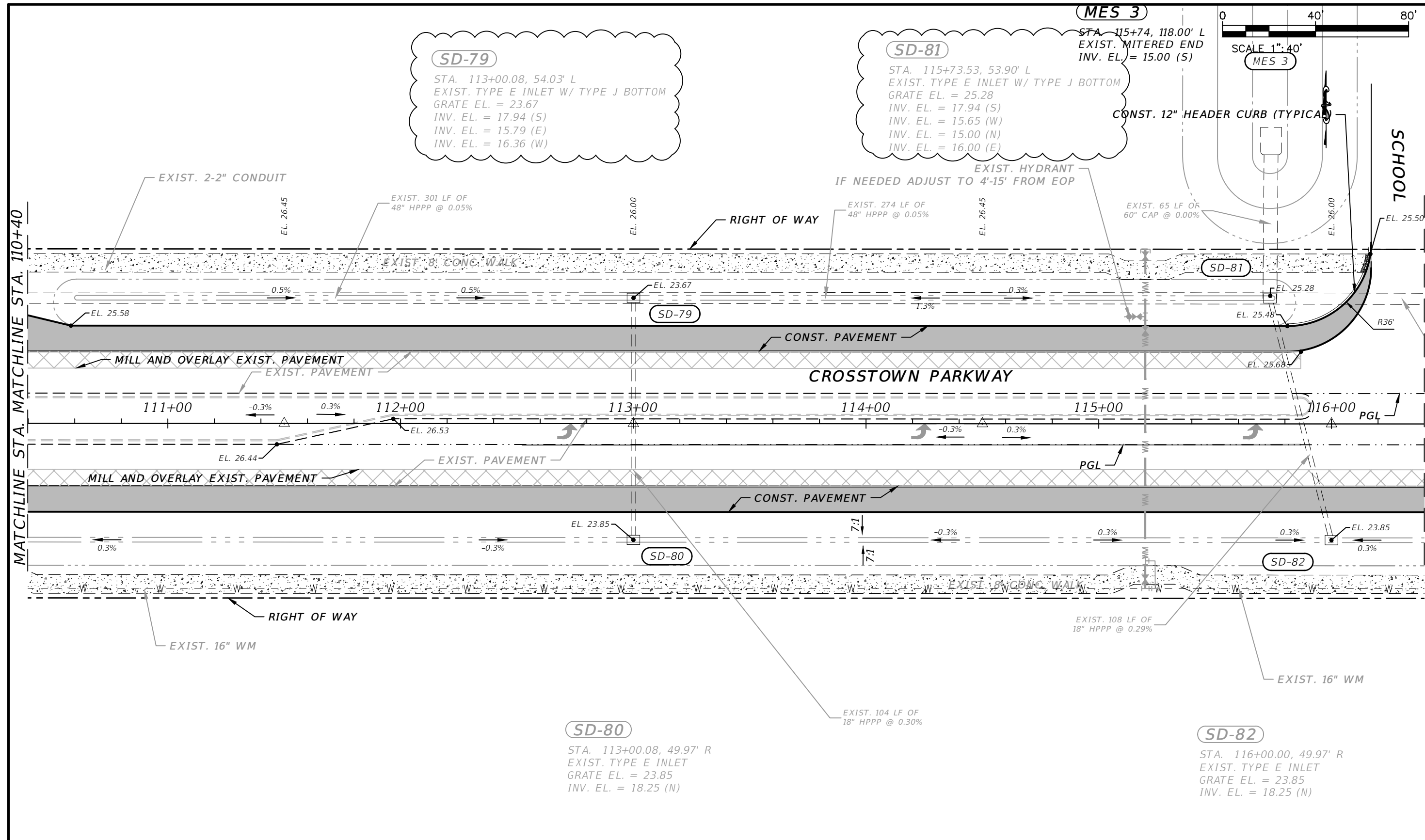
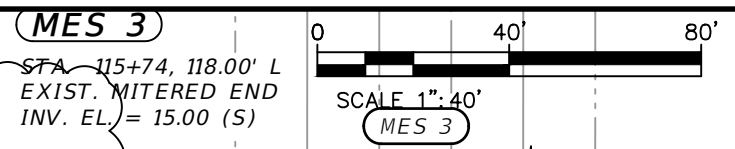
PLAN

SHEET NO.  
 11

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**SD-79**  
 STA. 113+00.08, 54.03' L  
 EXIST. 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)

**SD-81**  
 STA. 115+73.53, 53.90' L  
 EXIST. TYPE E INLET W/ TYPE J BOTTOM  
 GRATE EL. = 25.28  
 INV. EL. = 17.94 (S)  
 INV. EL. = 15.65 (W)  
 INV. EL. = 15.00 (N)  
 INV. EL. = 16.00 (E)



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CITY OF PSL PROJECT NO. P22-169  
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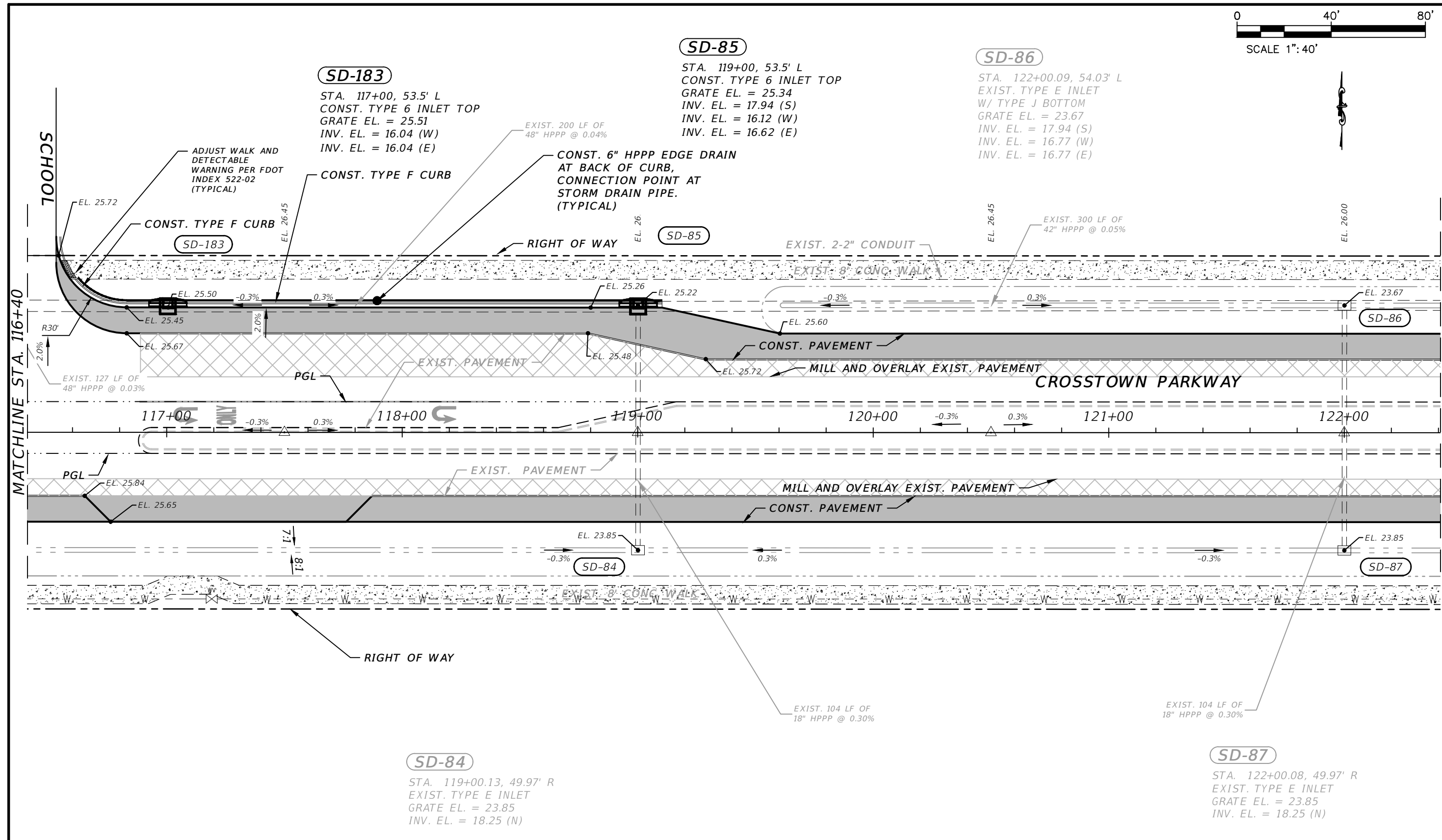
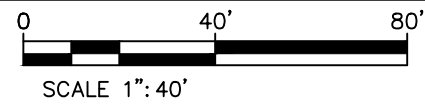
CITY OF PORT ST. LUCIE  
 121 SW PORT ST. LUCIE BLVD  
 PORT ST. LUCIE BLVD, FL 34984

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

*PLAN*

SHEET NO.  
 12

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**SD-183**  
 STA. 117+00, 53.5' L  
 CONST. TYPE 6 INLET TOP  
 GRATE EL. = 25.51  
 INV. EL. = 16.04 (W)  
 INV. EL. = 16.04 (E)

**SD-85**  
 STA. 119+00, 53.5' L  
 CONST. TYPE 6 INLET TOP  
 GRATE EL. = 25.34  
 INV. EL. = 17.94 (S)  
 INV. EL. = 16.12 (W)  
 INV. EL. = 16.62 (E)

**SD-86**  
 STA. 122+00.09, 54.03' L  
 EXIST. TYPE E INLET  
 W/ TYPE J BOTTOM  
 GRATE EL. = 23.67  
 INV. EL. = 17.94 (S)  
 INV. EL. = 16.77 (W)  
 INV. EL. = 16.77 (E)

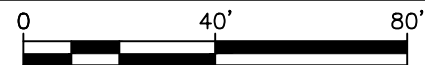
**SD-84**  
 STA. 119+00.13, 49.97' R  
 EXIST. TYPE E INLET  
 GRATE EL. = 23.85  
 INV. EL. = 18.25 (N)

**SD-87**  
 STA. 122+00.08, 49.97' R  
 EXIST. TYPE E INLET  
 GRATE EL. = 23.85  
 INV. EL. = 18.25 (N)

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		PLAN	SHEET NO. 13
DATE	DESCRIPTION	DATE	DESCRIPTION		COUNTY	ROAD NO.		
---	4 LANE			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.



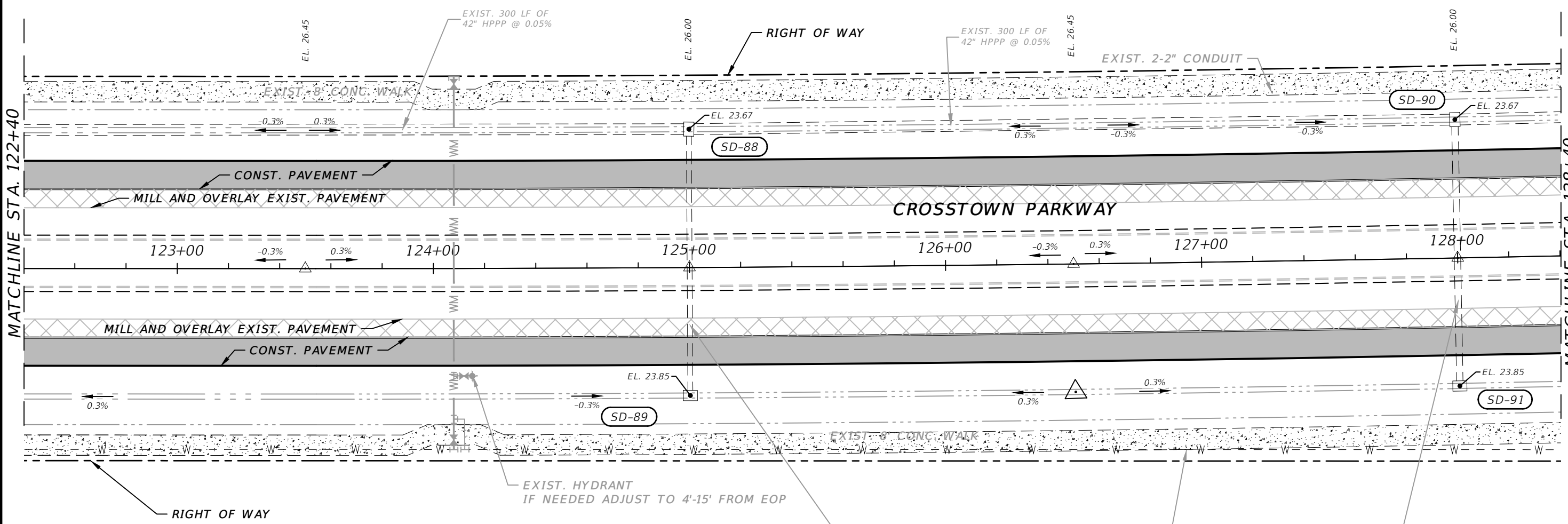
SCALE 1" = 40'

**SD-88**

STA. 125+00.08, 54.02' L  
 EXIST. 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. 127+99.92, 54.02' L  
 EXIST. 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)



**SD-89**

STA. 125+00.06, 49.98' R  
 EXIST. TYPE E INLET  
 GRATE EL. = 23.85  
 INV. EL. = 18.25 (N)

**SD-91**

STA. 127+99.92, 49.98' R  
 EXIST. 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)

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
----	4 LANE		

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

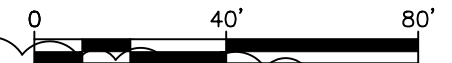
*PLAN*

SHEET NO.
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+80.17, 54.02' L  
EXIST. TYPE E INLET W/ TYPE J BOTTOM  
GRATE EL. = 24.03  
INV. EL. = 17.16 (W)  
INV. EL. = 17.66 (E)



SCALE 1"=40'

**SD-94**

STA. 133+99.92, 54.0' L  
EXIST. TYPE E INLET  
GRATE EL. = 23.67  
INV. EL. = 18.96 (S)  
INV. EL. = 18.96 (E)

EXIST. 2-2" CONDUIT

**SD-92**

STA. 131+11, 53.4' L  
CONST. TYPE 6 INLET TOP  
GRATE EL. = 25.24  
INV. EL. = 17.65 (S)  
INV. EL. = 17.74 (W)

CONST. 6" HPPP EDGE DRAIN  
AT BACK OF CURB,  
CONNECTION POINT AT  
STORM DRAIN PIPE.  
(TYPICAL)

EXIST. 131 LF OF  
36" HPPP @ 0.06%

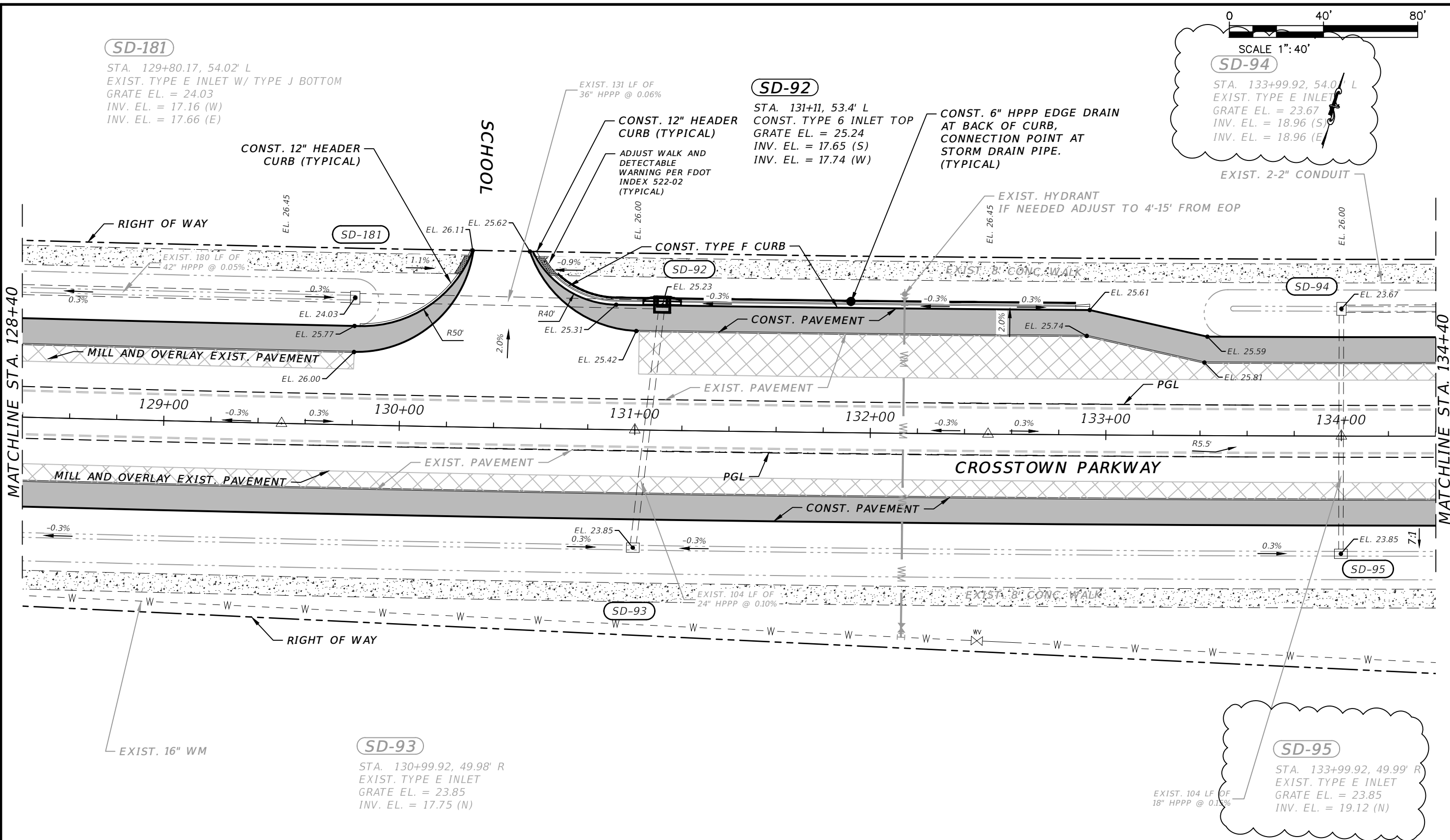
CONST. 12" HEADER  
CURB (TYPICAL)

ADJUST WALK AND  
DETECTABLE  
WARNING PER FDOT  
INDEX 522-02  
(TYPICAL)

EXIST. HYDRANT  
IF NEEDED ADJUST TO 4'-15' FROM EOP

MATCHLINE STA. 128+40

MATCHLINE STA. 134+40



**SD-93**

STA. 130+99.92, 49.98' R  
EXIST. TYPE E INLET  
GRATE EL. = 23.85  
INV. EL. = 17.75 (N)

**SD-95**

STA. 133+99.92, 49.99' R  
EXIST. TYPE E INLET  
GRATE EL. = 23.85  
INV. EL. = 19.12 (N)

EXIST. 104 LF OF  
18" HPPP @ 0.11%

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

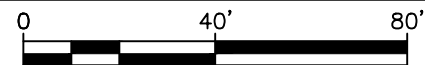
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
----	4 LANE		

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

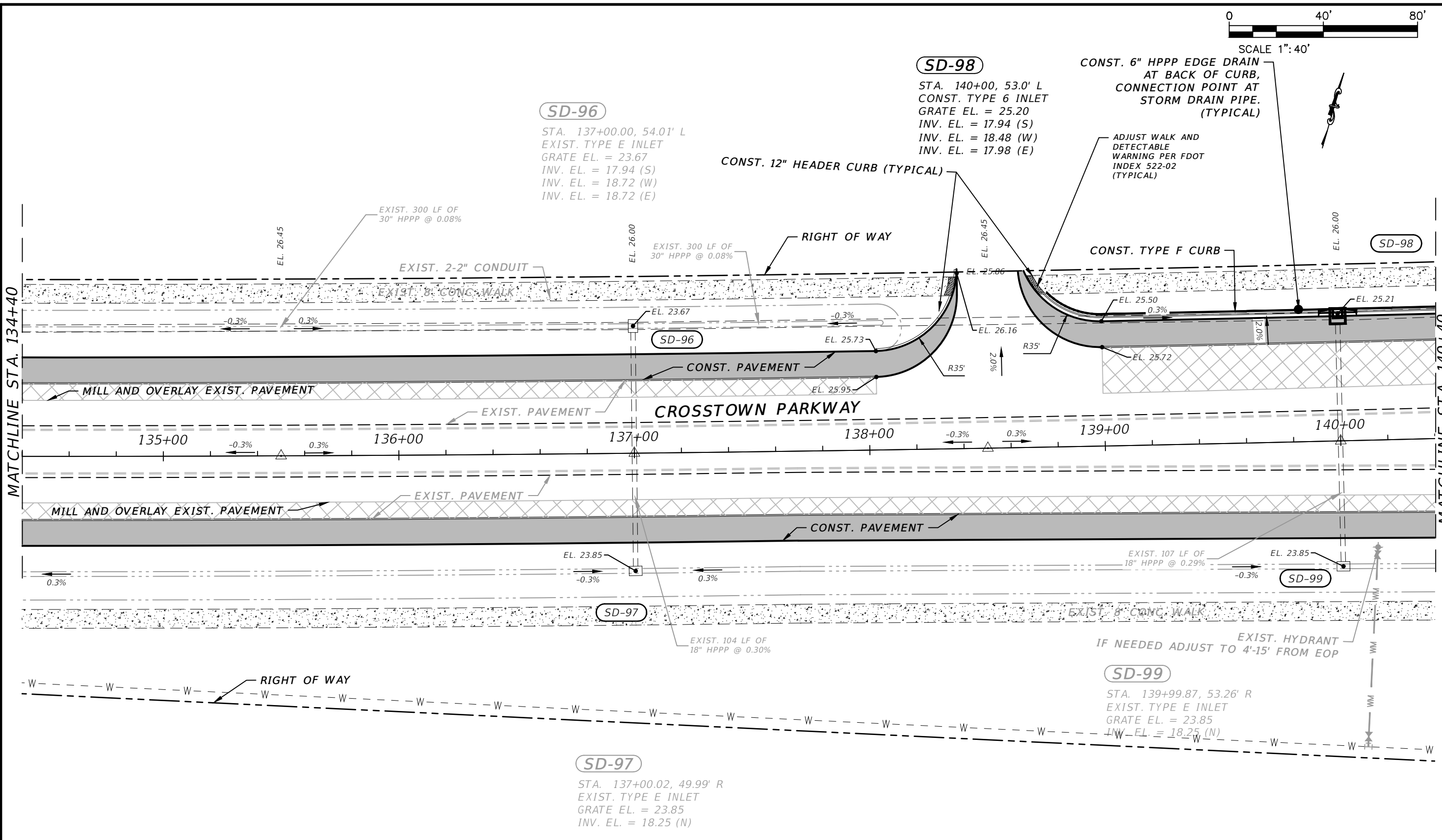
CITY OF PORT ST. LUCIE 121 SW PORT ST. LUCIE BLVD PORT ST. LUCIE BLVD, FL 34984	
COUNTY	ROAD NO.
ST. LUCIE COUNTY	CROSSTOWN PARKWAY SEGMENT 2B

<i>PLAN</i>	SHEET NO.
	15

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SCALE 1" = 40'



**SD-96**

STA. 137+00.00, 54.01' L  
 EXIST. 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, 53.0' L  
 CONST. TYPE 6 INLET  
 GRATE EL. = 25.20  
 INV. EL. = 17.94 (S)  
 INV. EL. = 18.48 (W)  
 INV. EL. = 17.98 (E)

**SD-97**

STA. 137+00.02, 49.99' R  
 EXIST. TYPE E INLET  
 GRATE EL. = 23.85  
 INV. EL. = 18.25 (N)

**SD-99**

STA. 139+99.87, 53.26' R  
 EXIST. TYPE E INLET  
 GRATE EL. = 23.85  
 INV. EL. = 18.25 (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
---	4 LANE		

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

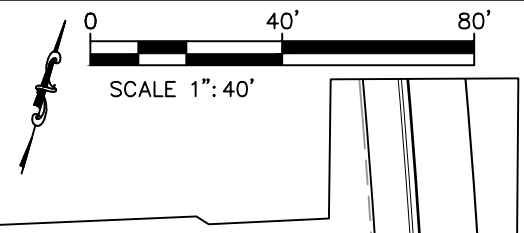
CITY OF PORT ST. LUCIE 121 SW PORT ST. LUCIE BLVD PORT ST. LUCIE BLVD, FL 34984	
COUNTY	ROAD NO.
ST. LUCIE COUNTY	CROSSTOWN PARKWAY SEGMENT 2B

*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.





**SD-100**  
 STA. 143+00.08, 54.00' L  
 EXIST. TYPE E INLET  
 GRATE EL. = 23.82  
 INV. EL. = 17.91 (S)  
 INV. EL. = 17.80 (W)  
 INV. EL. = 17.80 (E)

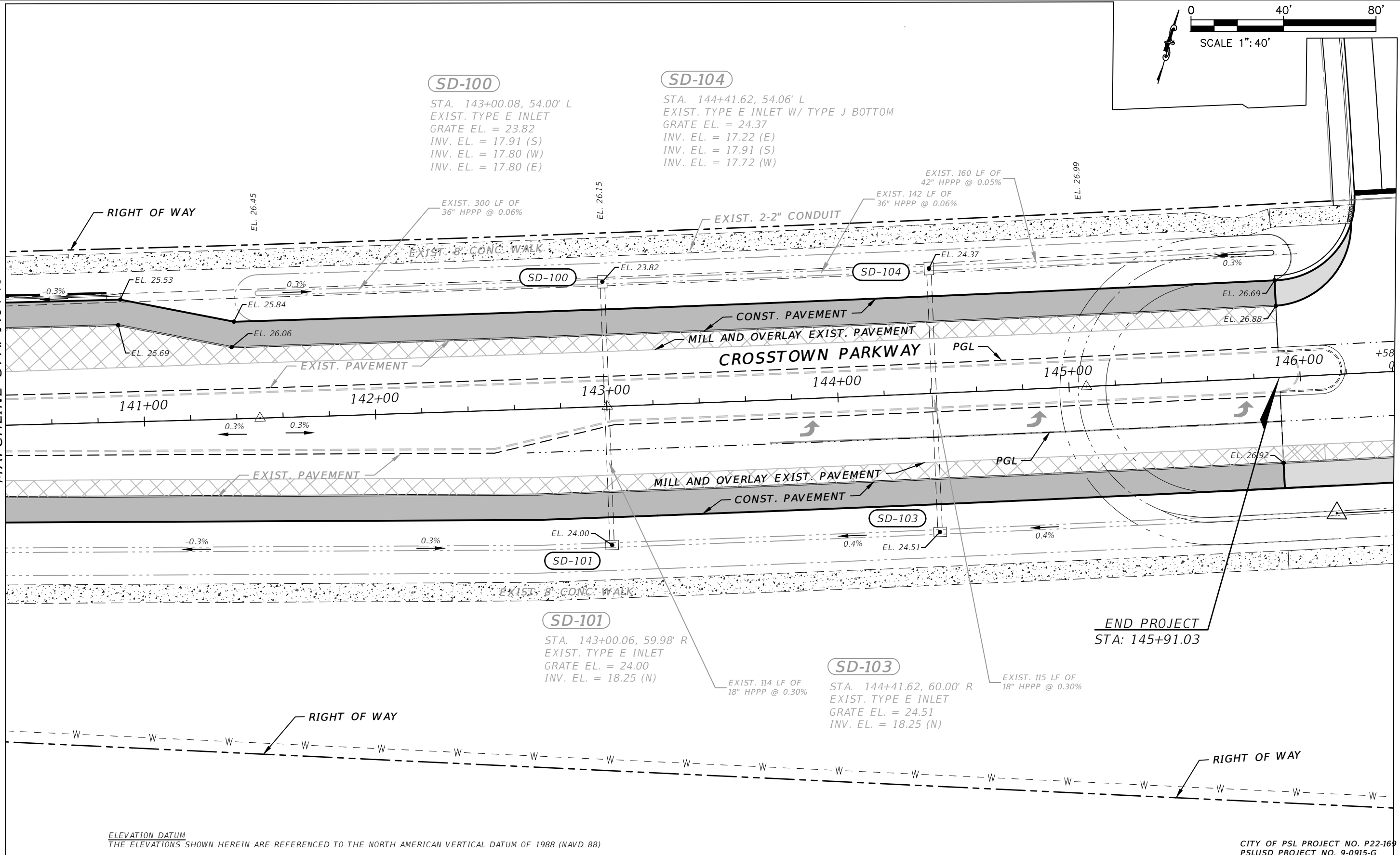
**SD-104**  
 STA. 144+41.62, 54.06' L  
 EXIST. TYPE E INLET W/ TYPE J BOTTOM  
 GRATE EL. = 24.37  
 INV. EL. = 17.22 (E)  
 INV. EL. = 17.91 (S)  
 INV. EL. = 17.72 (W)

**SD-101**  
 STA. 143+00.06, 59.98' R  
 EXIST. TYPE E INLET  
 GRATE EL. = 24.00  
 INV. EL. = 18.25 (N)

**SD-103**  
 STA. 144+41.62, 60.00' R  
 EXIST. TYPE E INLET  
 GRATE EL. = 24.51  
 INV. EL. = 18.25 (N)

MATCHLINE STA. 140+40

**END PROJECT**  
 STA: 145+91.03

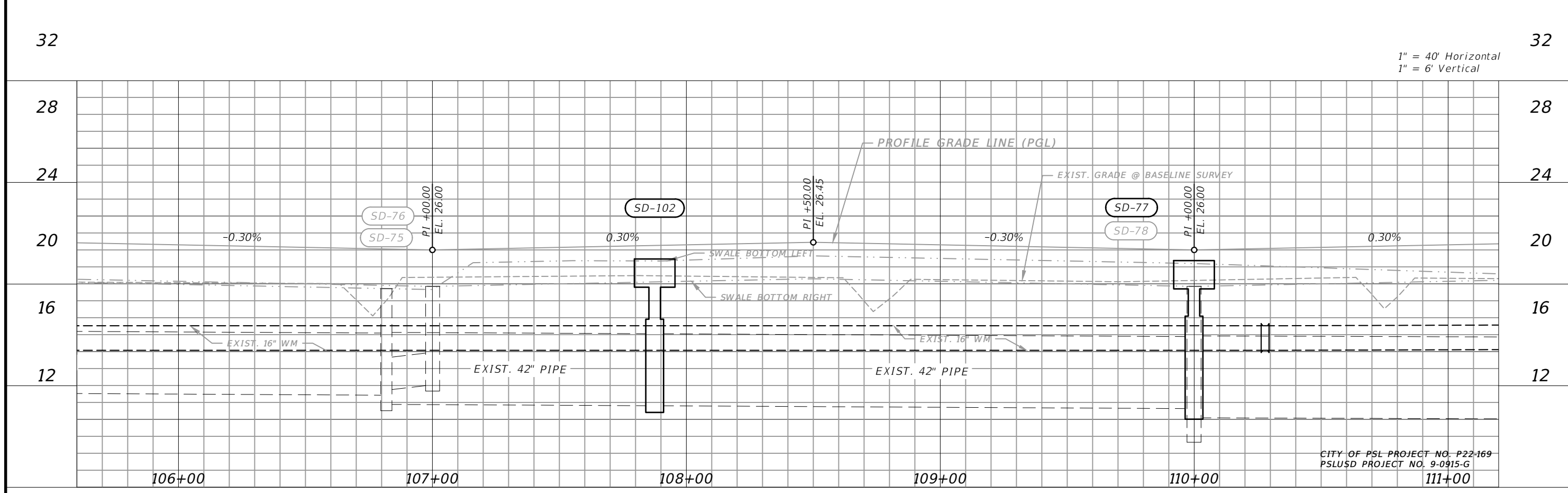
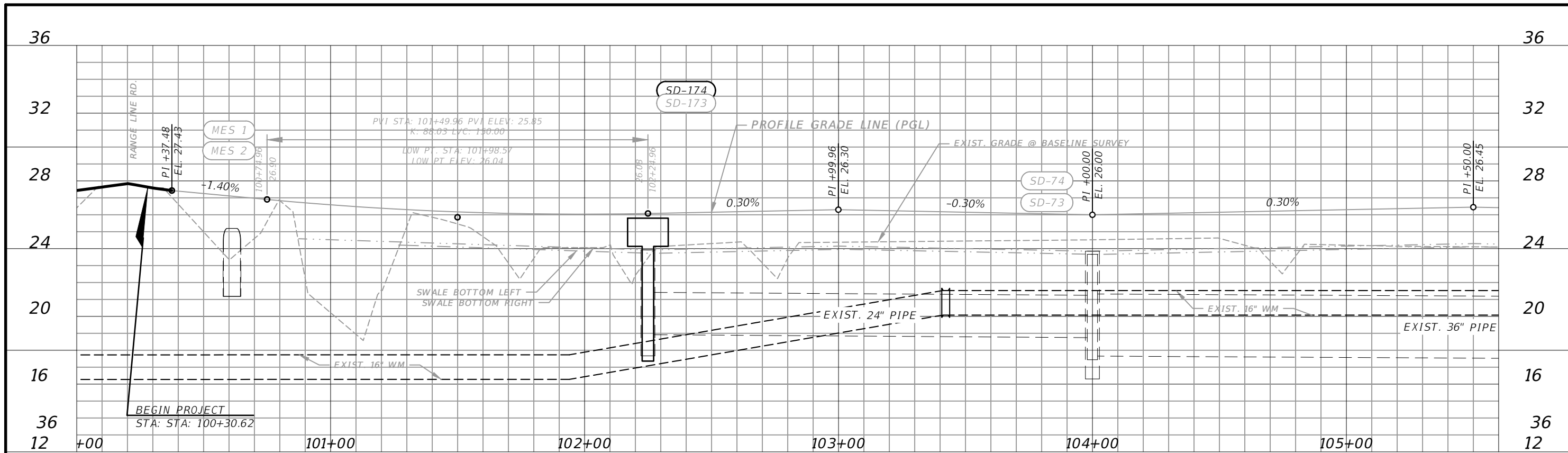


ELEVATION DATUM  
 THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

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. 17
DATE	DESCRIPTION	DATE	DESCRIPTION		COUNTY	ROAD NO.		
---	4 LANE			ST. LUCIE COUNTY	CROSSTOWN PARKWAY SEGMENT 2B			

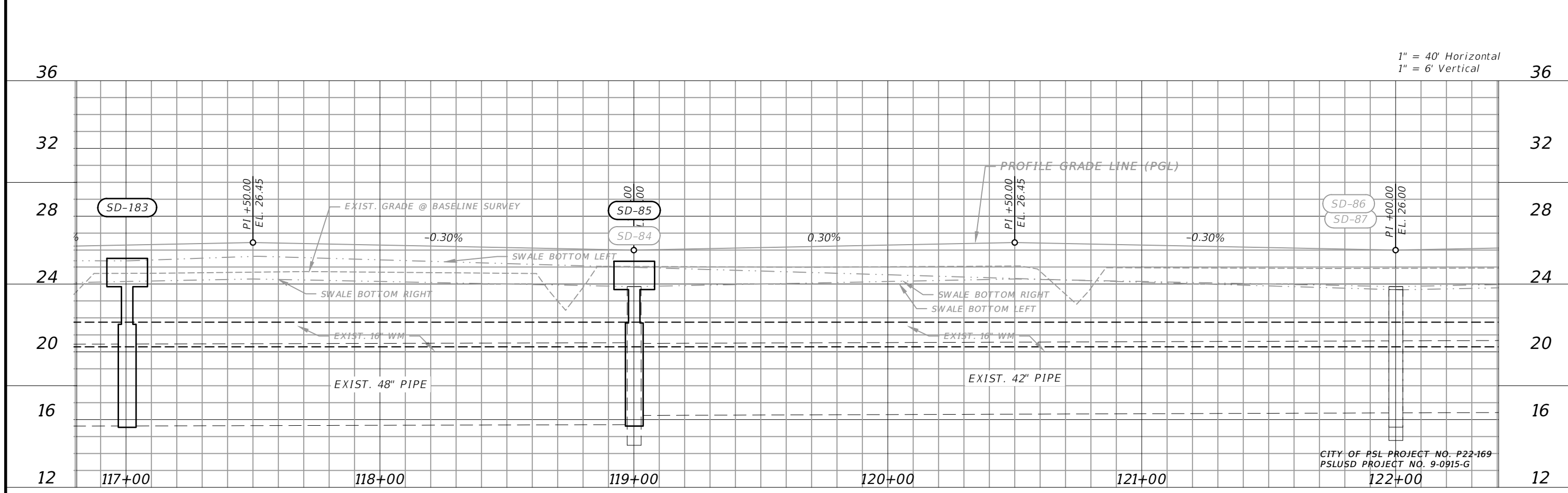
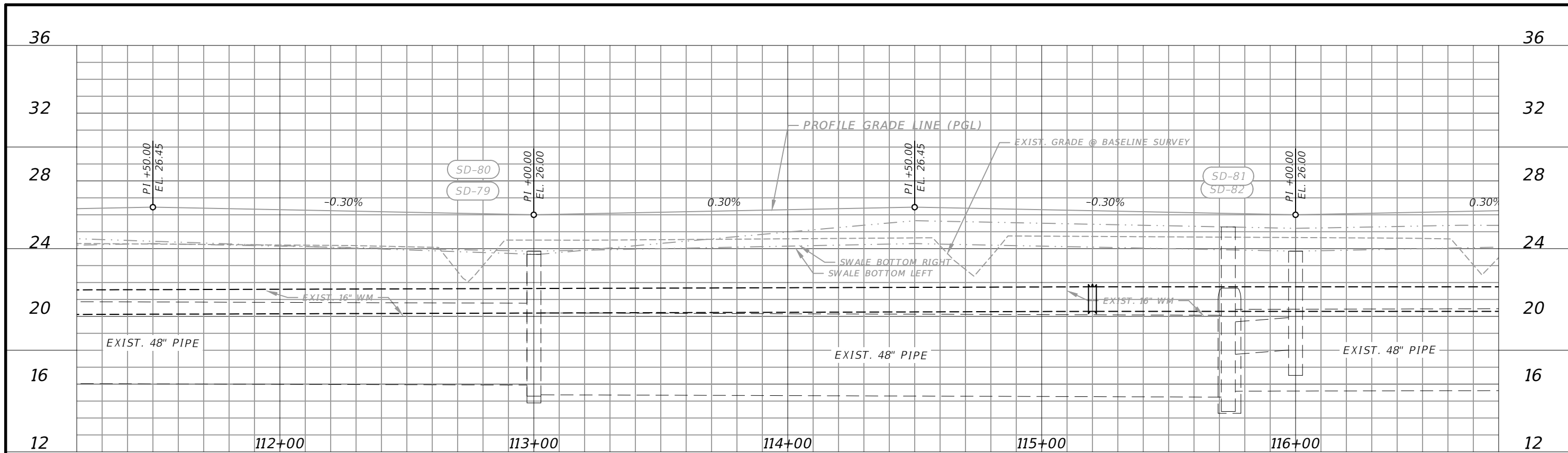
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1" = 40' Horizontal  
1" = 6' Vertical

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 BLVD, FL 34984		<b>PROFILE</b>	SHEET NO. 18
DATE	DESCRIPTION	DATE	DESCRIPTION		COUNTY	ROAD NO.		
----	4 LANE				ST. LUCIE COUNTY	CROSSTOWN PARKWAY SEGMENT 2B		

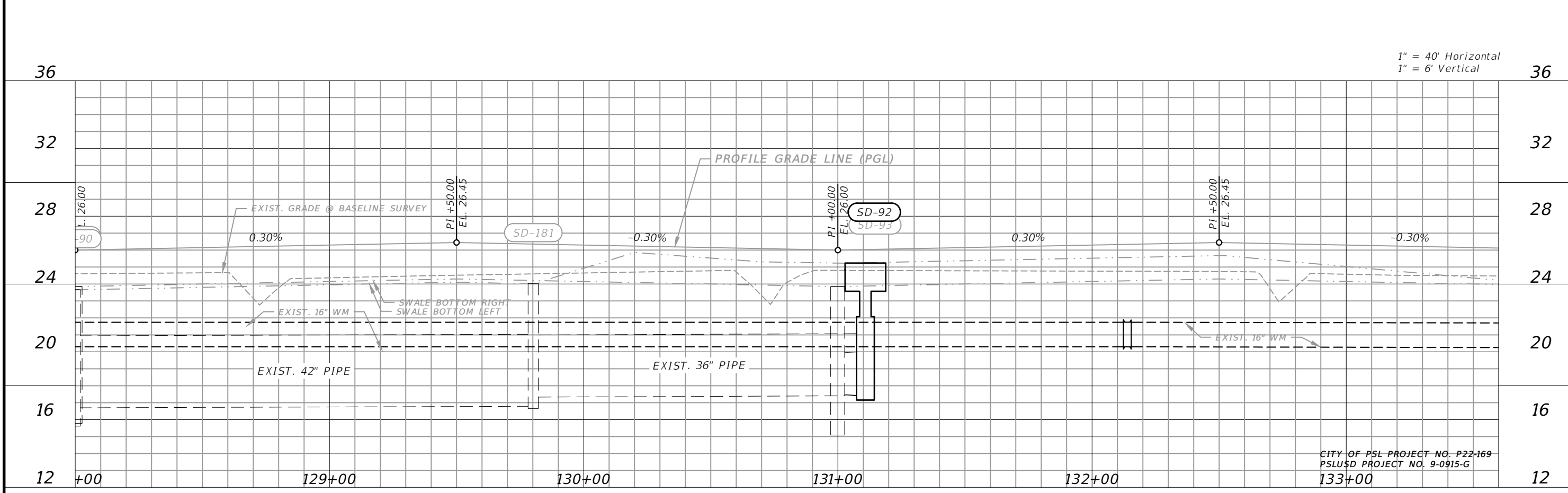
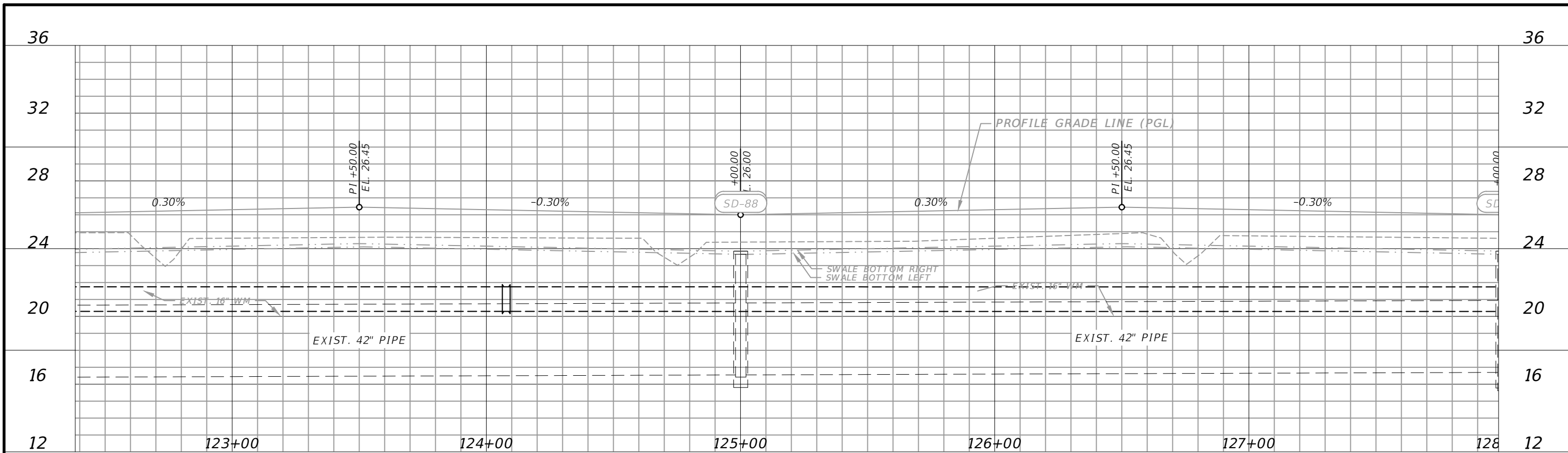
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



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		PROFILE	SHEET NO. 19
DATE	DESCRIPTION	DATE	DESCRIPTION	COUNTY	ROAD NO.		
----	4 LANE			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.

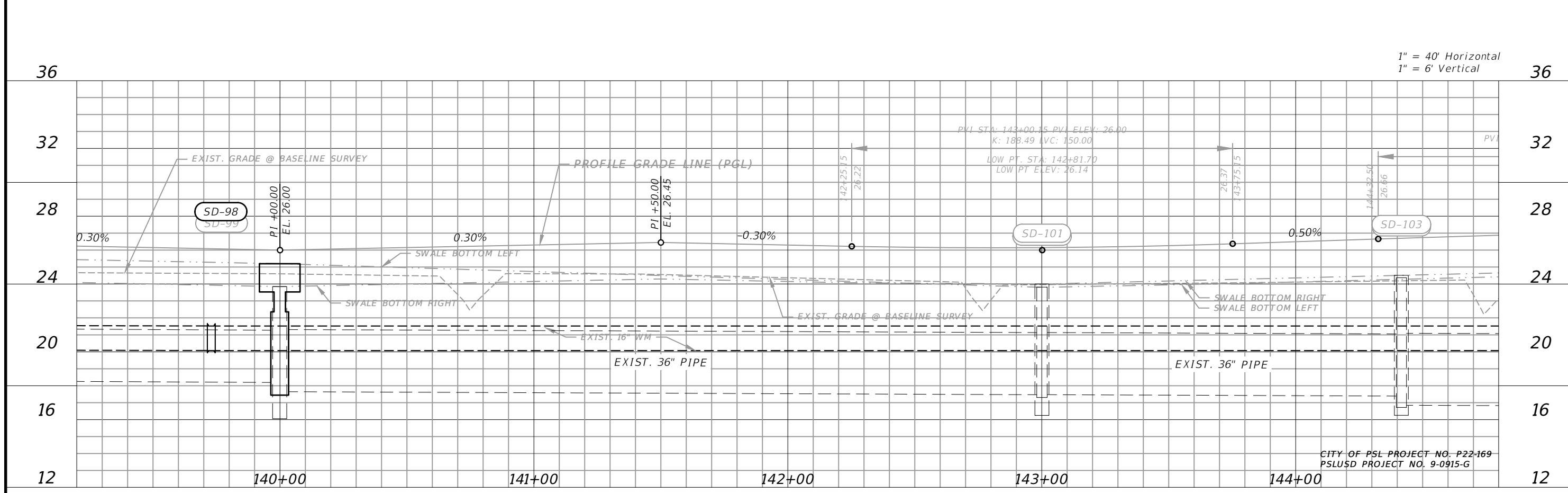
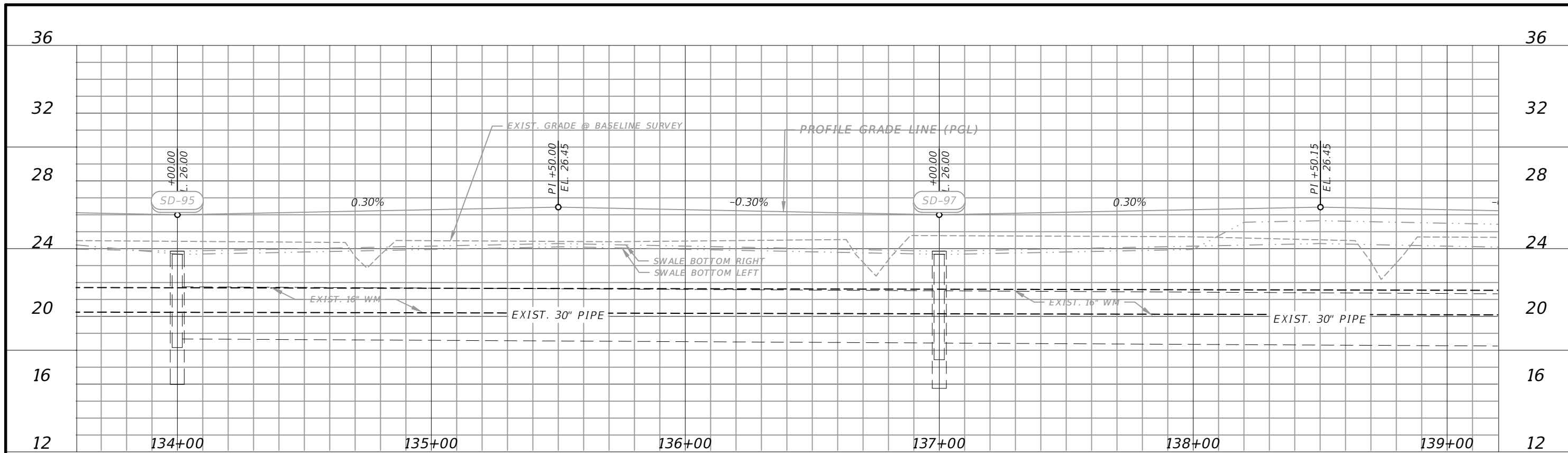


1" = 40' Horizontal  
1" = 6' Vertical

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

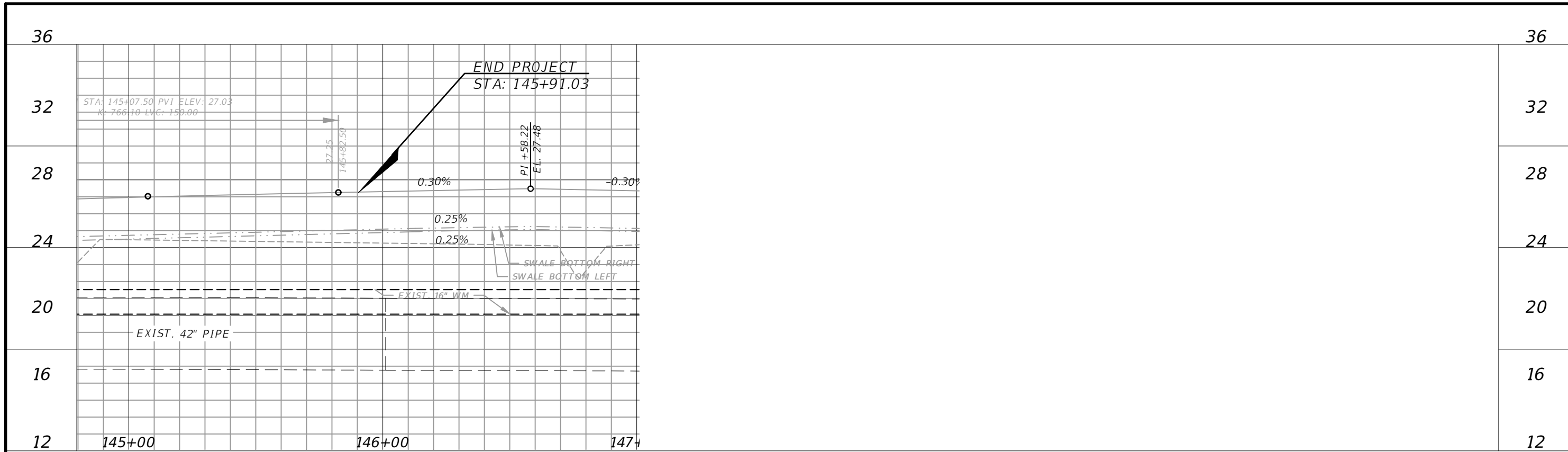
REVISIONS		MACKENZIE ENGINEERING & PLANNING, INC. 1172 SW 30TH STREET, SUITE 500, PALM CITY, FLORIDA, 34990 C.A. 29013 SHAUN G. MACKENZIE P.E. P.E. NO. 61751		CITY OF PORT ST. LUCIE 121 SW PORT ST. LUCIE BLVD PORT ST. LUCIE BLVD, FL 34984		PROFILE	SHEET NO. 20
DATE	DESCRIPTION	DATE	DESCRIPTION	COUNTY	ROAD NO.		
----	4 LANE			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.



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. 21
DATE	DESCRIPTION	DATE	DESCRIPTION	COUNTY	ROAD NO.		
----	4 LANE			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.

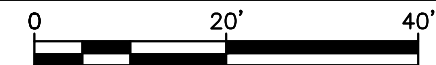


1" = 40' Horizontal  
1" = 6' Vertical

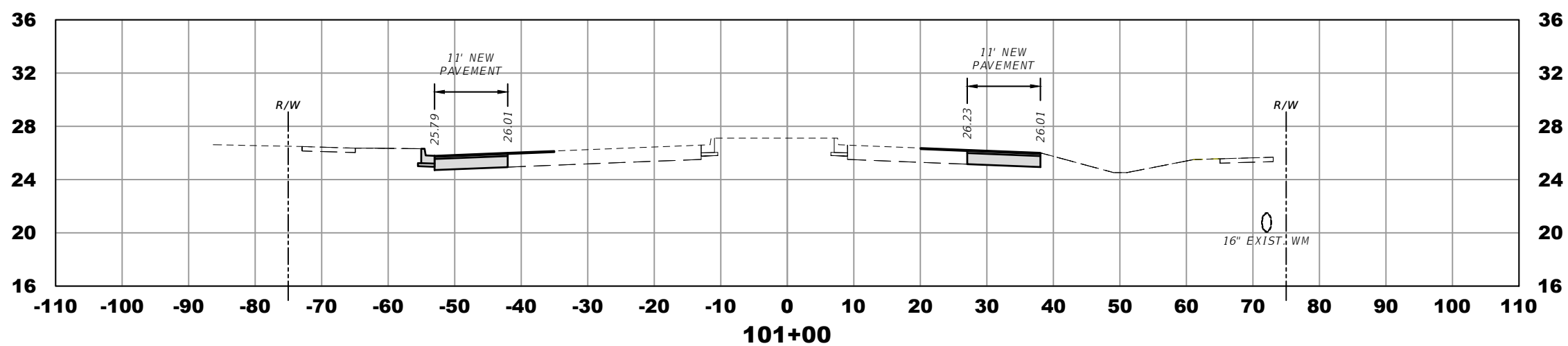
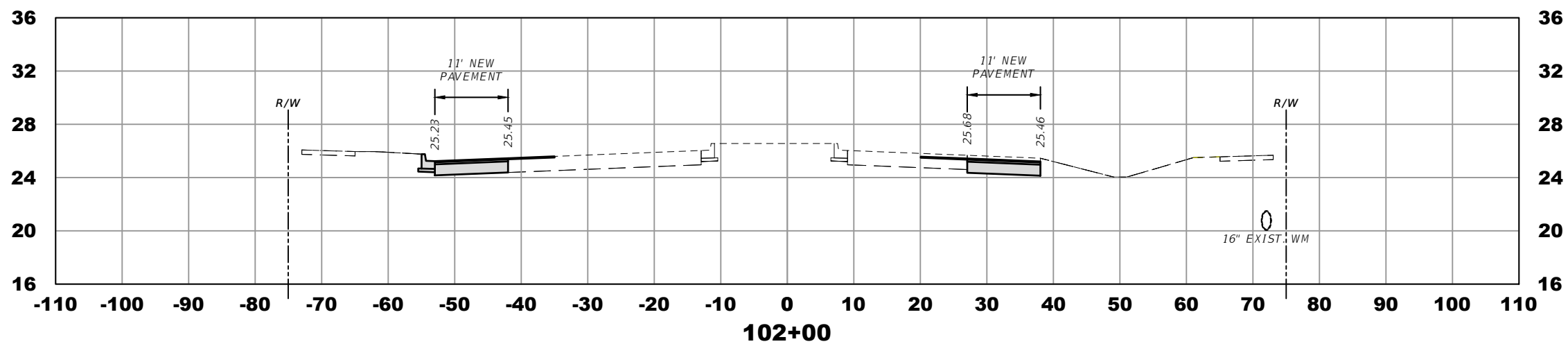
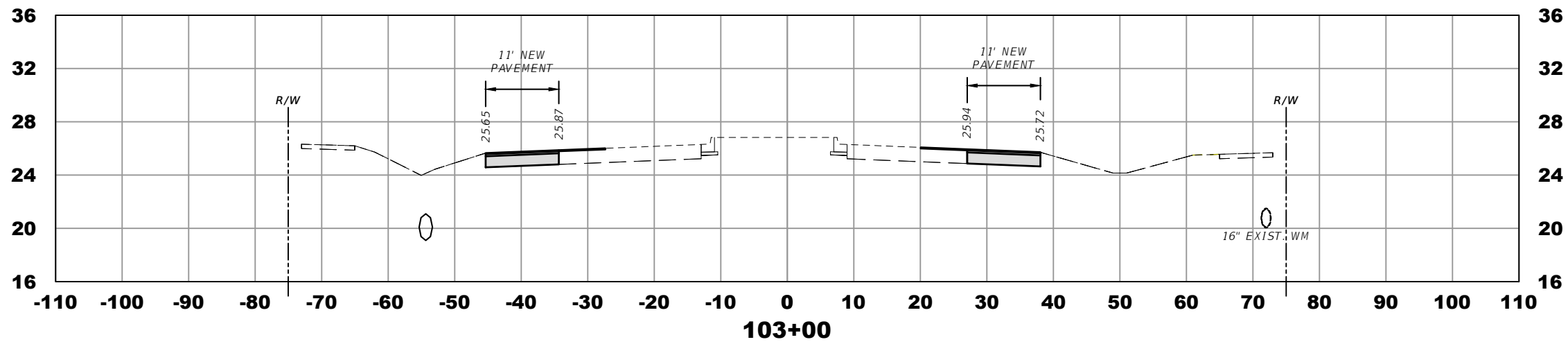
CITY OF PSL PROJECT NO. P22-169  
PSLUSD PROJECT NO. 9-0915-G

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		PROFILE	SHEET NO. 22
DATE	DESCRIPTION	DATE	DESCRIPTION		COUNTY	ROAD NO.		
----	4 LANE				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			
DATE	DESCRIPTION	DATE	DESCRIPTION
----	4 LANE		

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

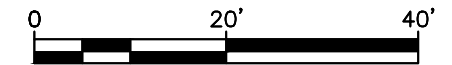
CITY OF PORT ST. LUCIE  
121 SW PORT ST. LUCIE BLVD  
PORT ST. LUCIE BLVD, FL 34984

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

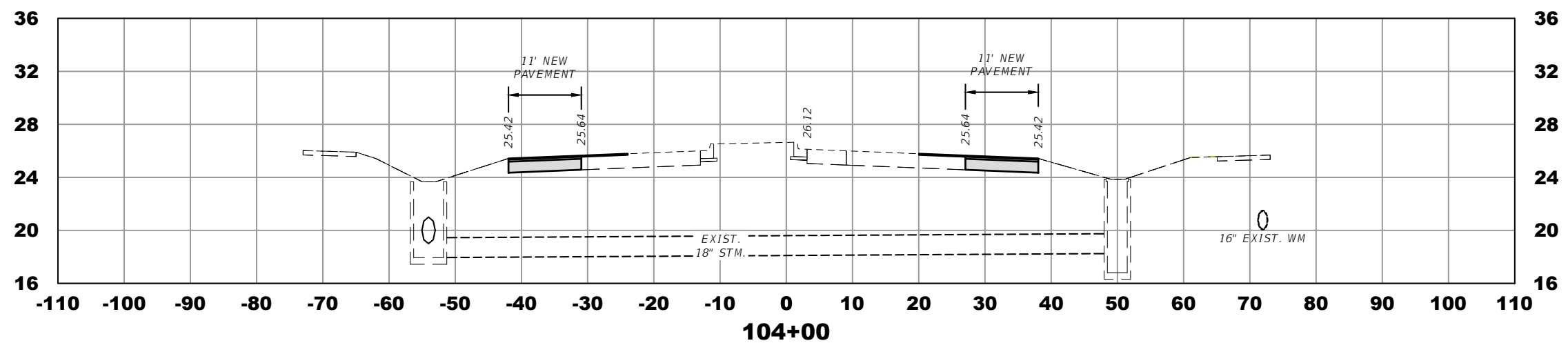
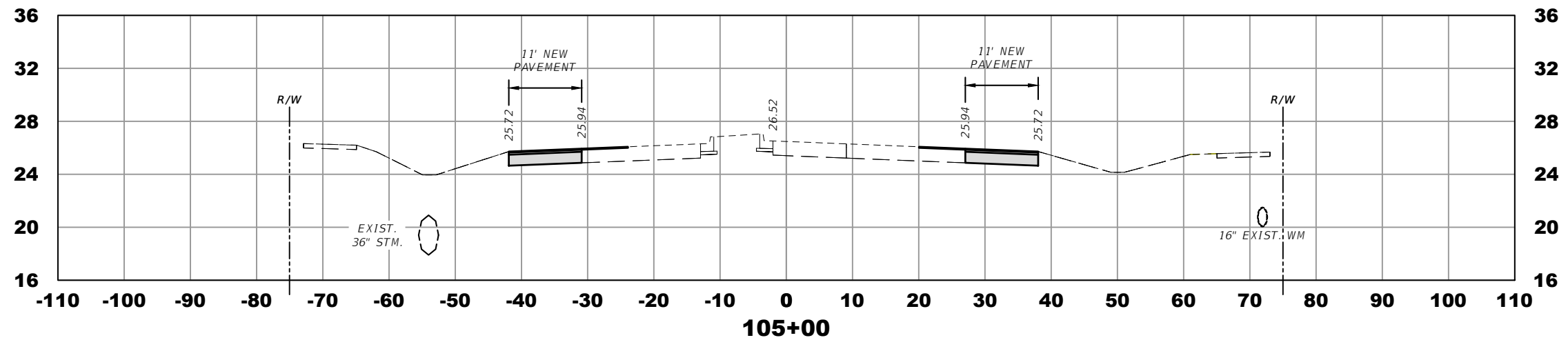
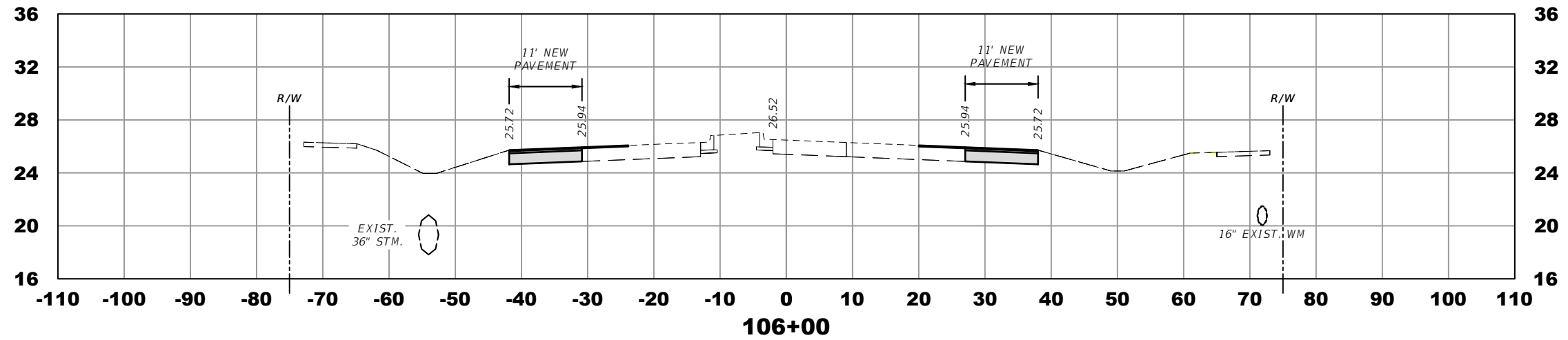
*CROSS SECTIONS*

SHEET NO.  
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
----	4 LANE		

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

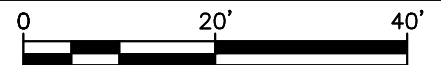
*CROSS SECTIONS*

SHEET NO.

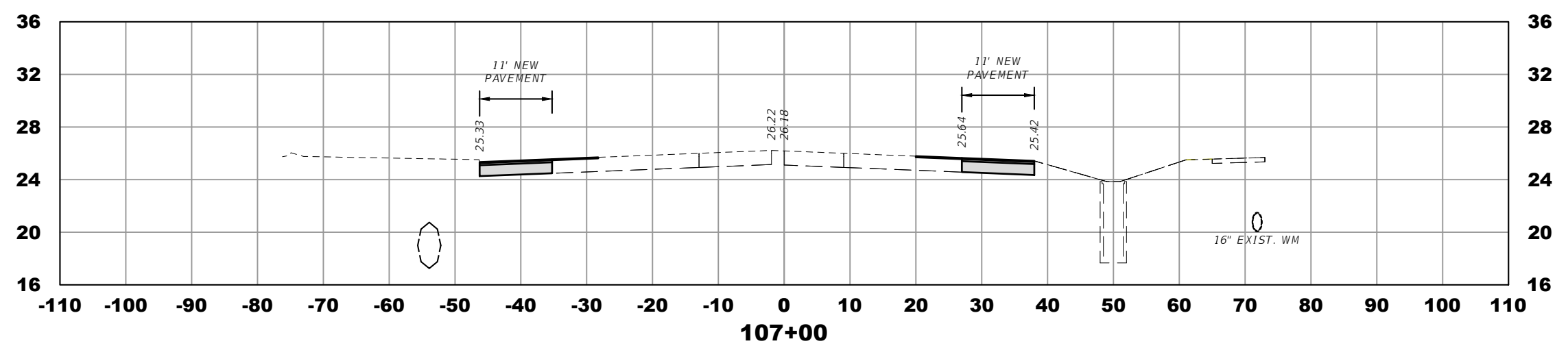
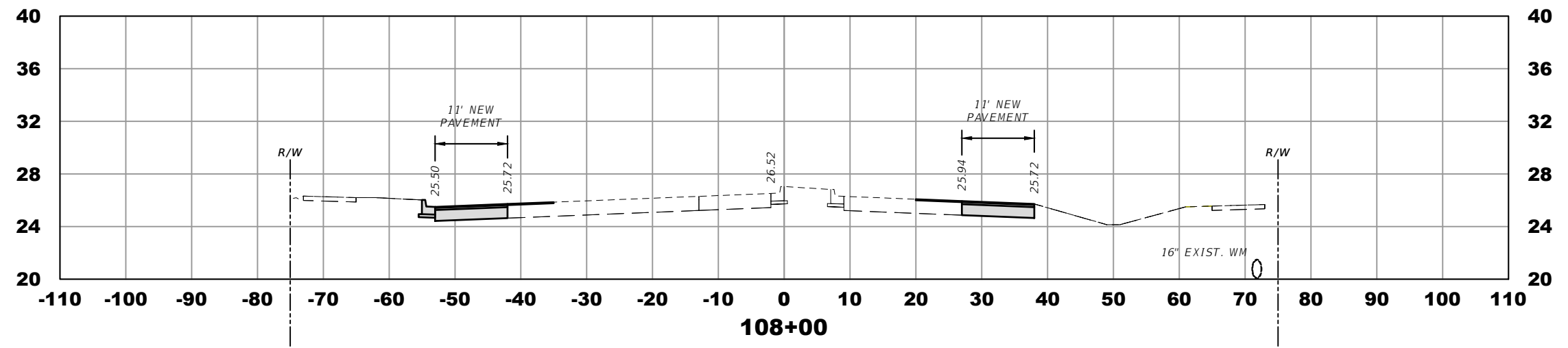
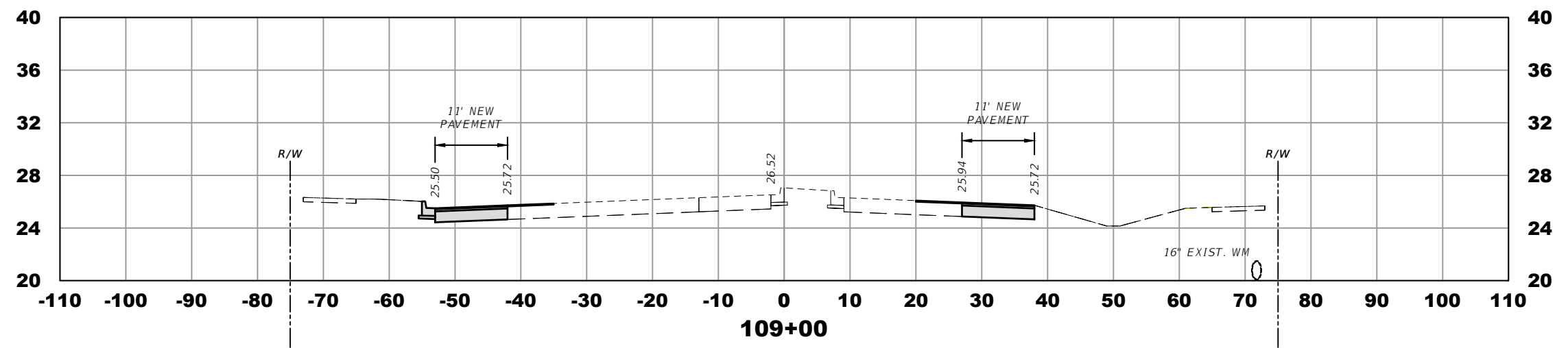
24

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'

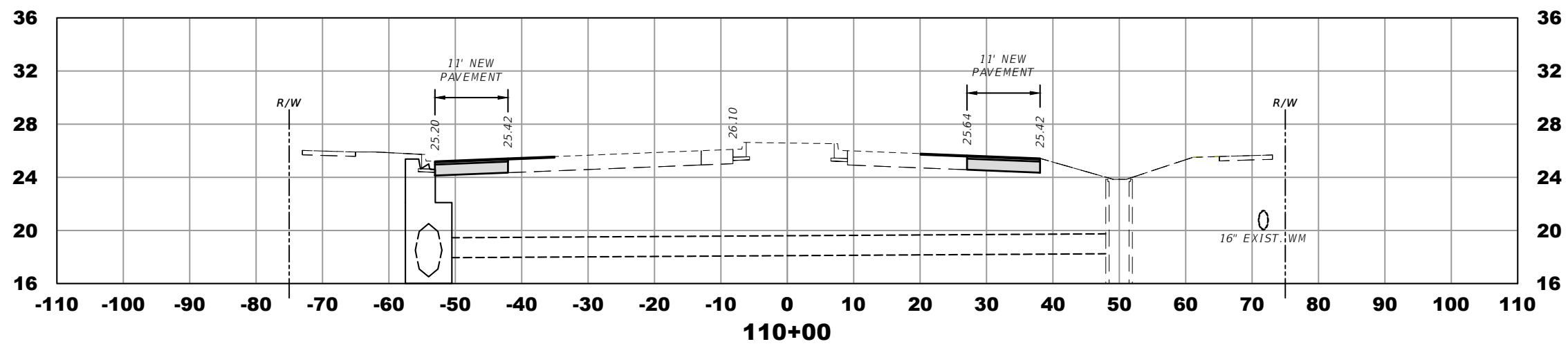
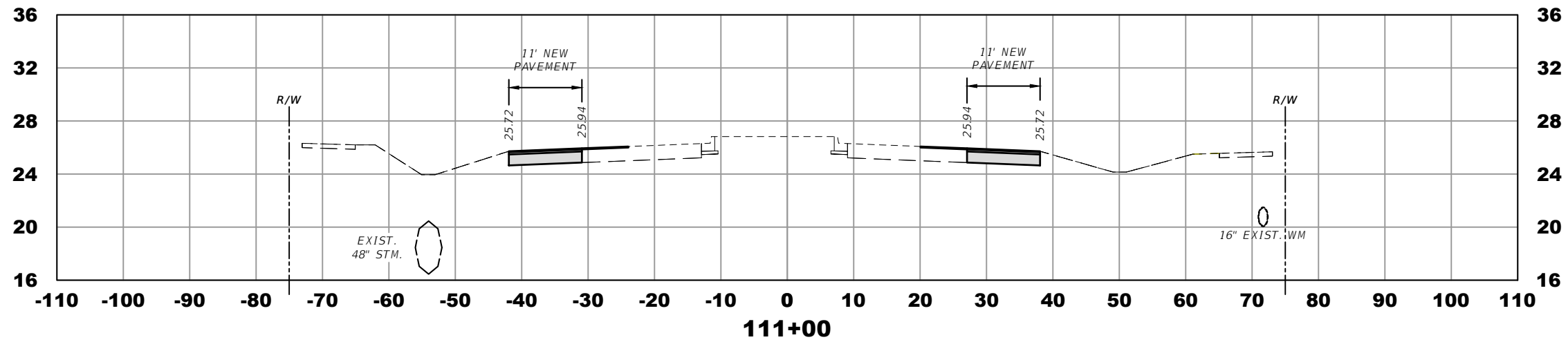
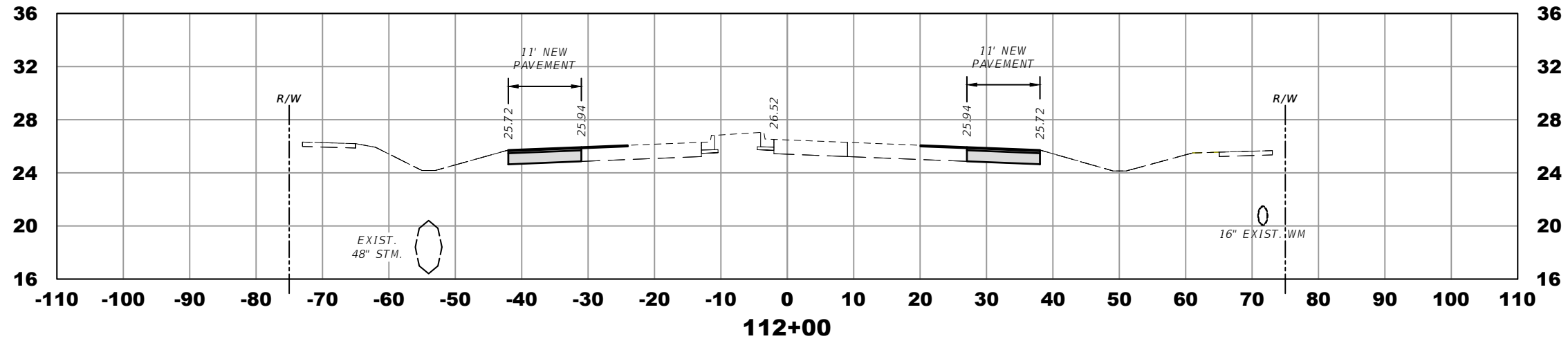
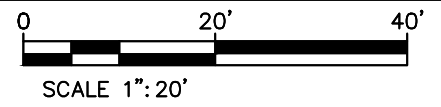


ELEVATION DATUM  
THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

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

REVISIONS				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.  25
DATE	DESCRIPTION	DATE	DESCRIPTION		COUNTY	ROAD NO.	
----	4 LANE			ST. LUCIE COUNTY	CROSSTOWN PARKWAY SEGMENT 2B	<i>CROSS SECTIONS</i>	

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
---	4 LANE		

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

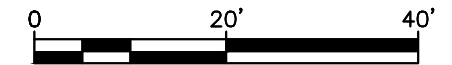
CITY OF PORT ST. LUCIE  
121 SW PORT ST. LUCIE BLVD  
PORT ST. LUCIE BLVD, FL 34984

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

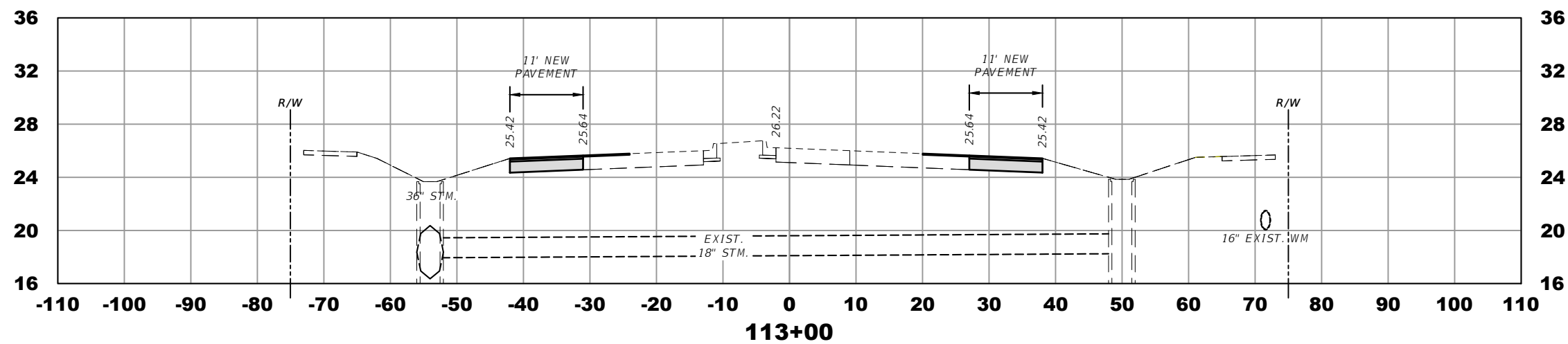
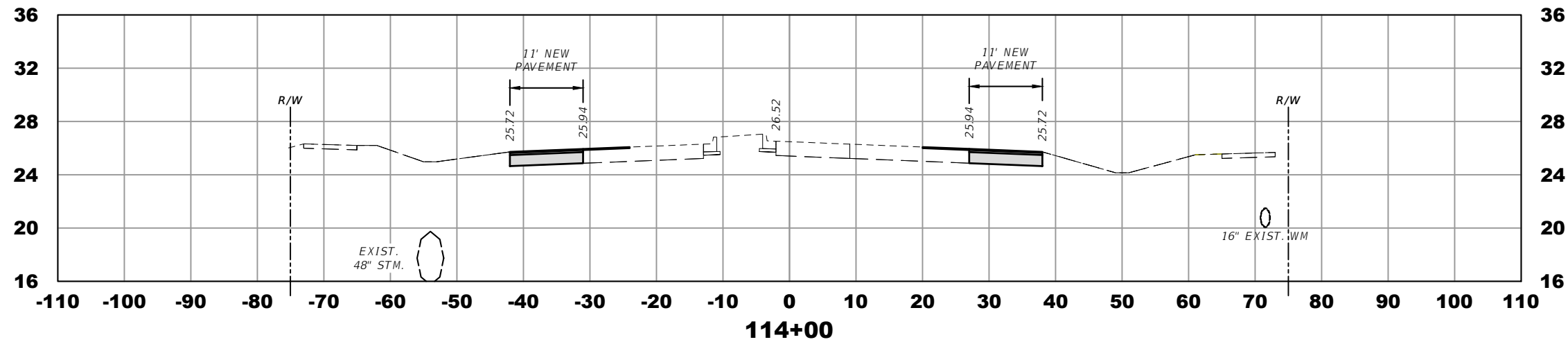
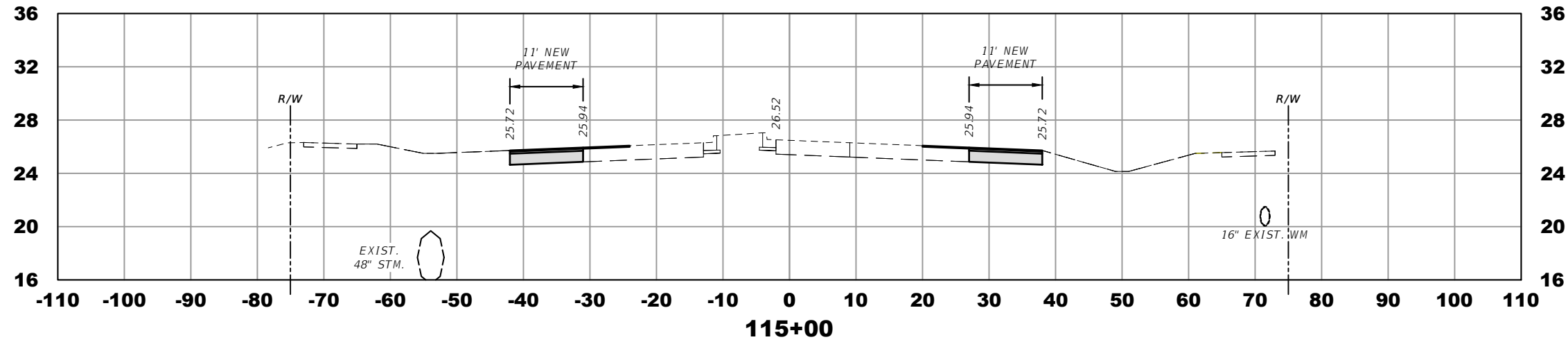
*CROSS SECTIONS*

SHEET NO.  
26

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
----	4 LANE		

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

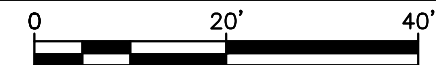
CITY OF PORT ST. LUCIE  
121 SW PORT ST. LUCIE BLVD  
PORT ST. LUCIE BLVD, FL 34984

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

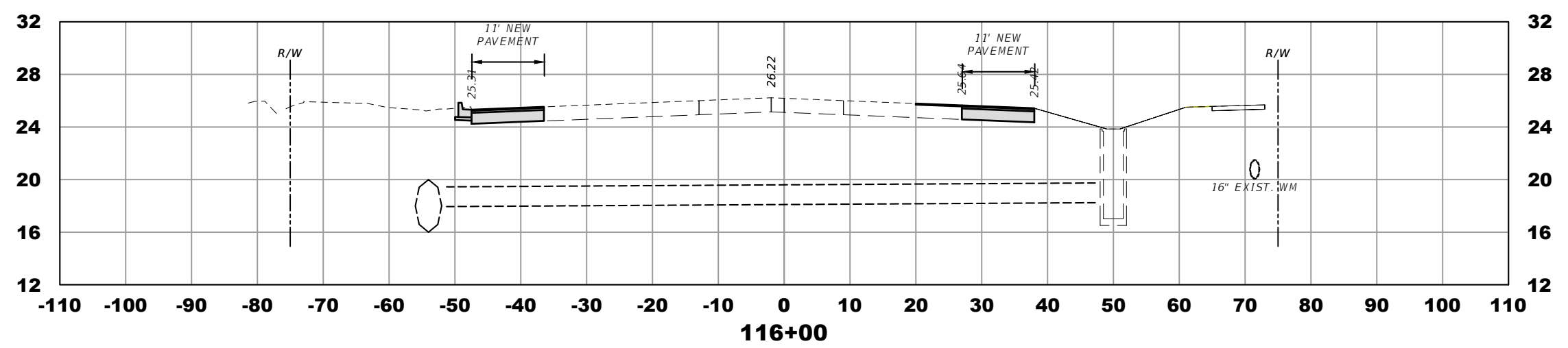
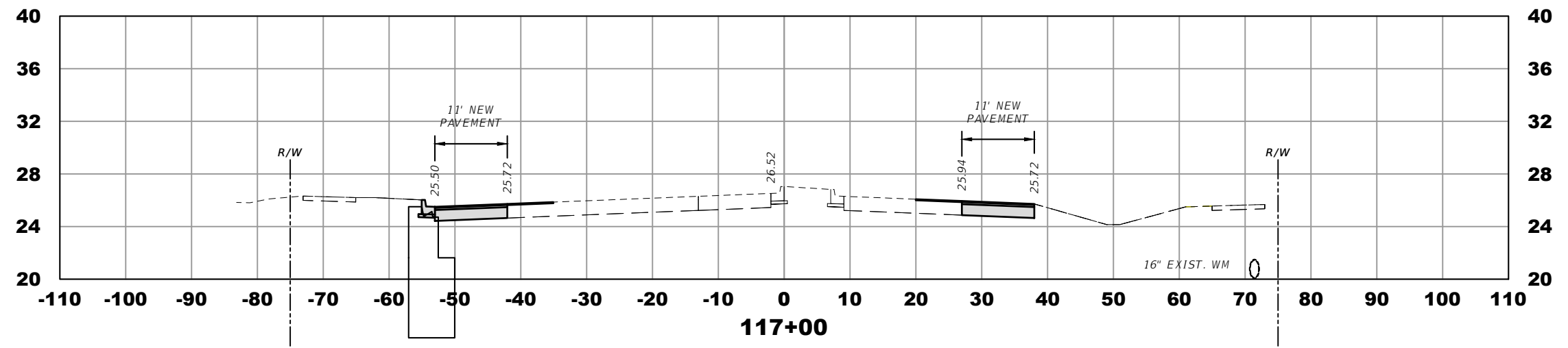
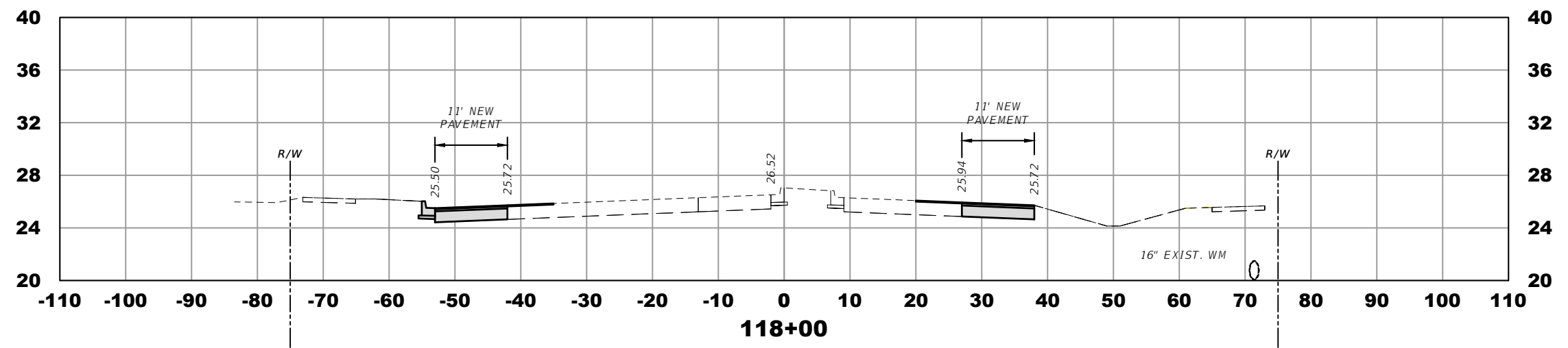
*CROSS SECTIONS*

SHEET NO.  
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
----	4 LANE		

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

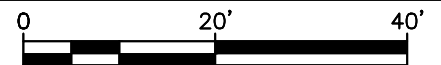
CITY OF PORT ST. LUCIE  
121 SW PORT ST. LUCIE BLVD  
PORT ST. LUCIE BLVD, FL 34984

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

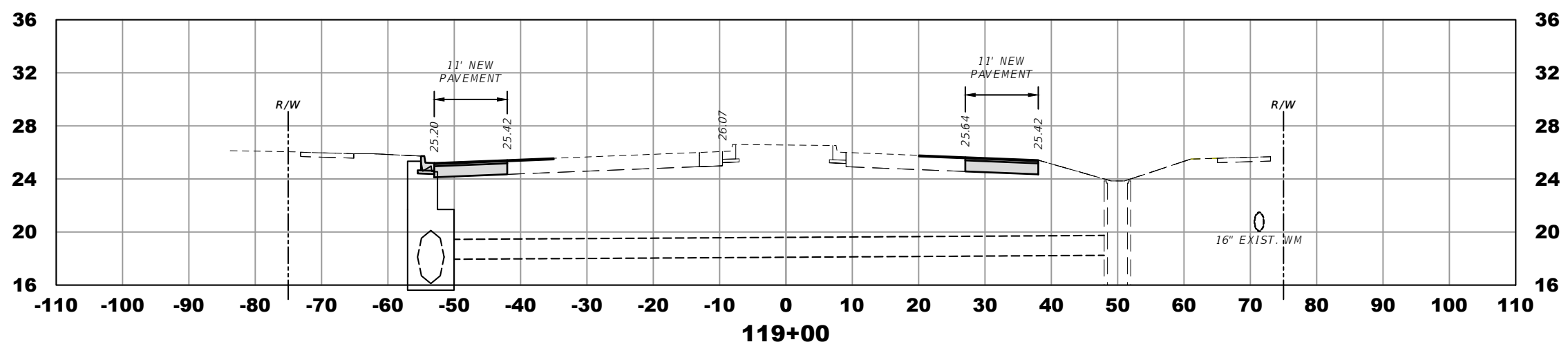
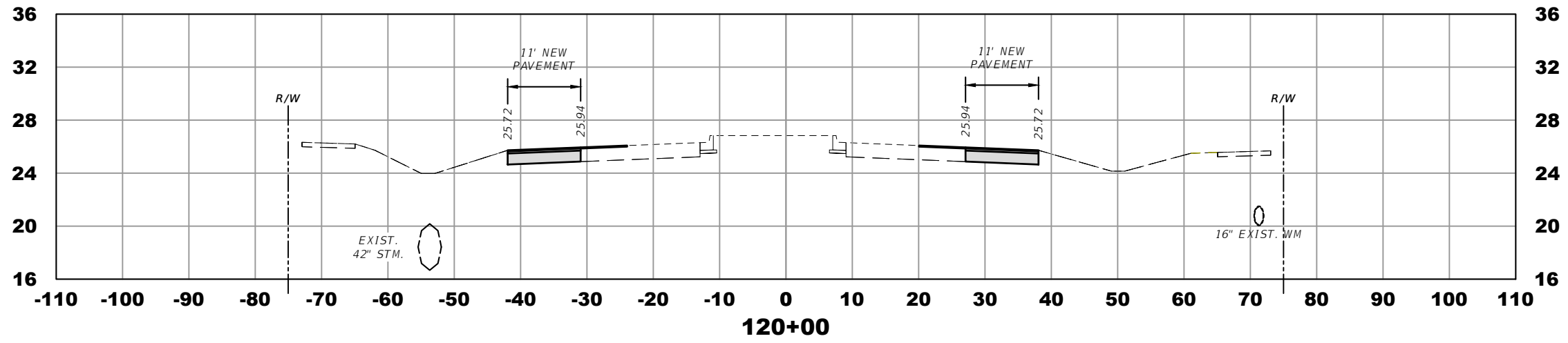
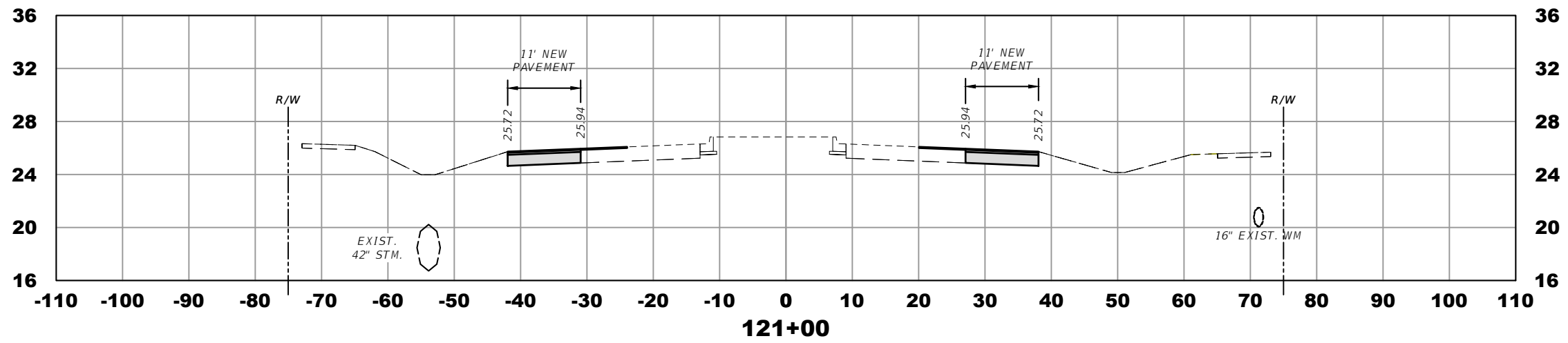
*CROSS SECTIONS*

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.



SCALE 1"=20'

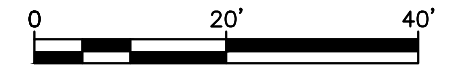


ELEVATION DATUM  
THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

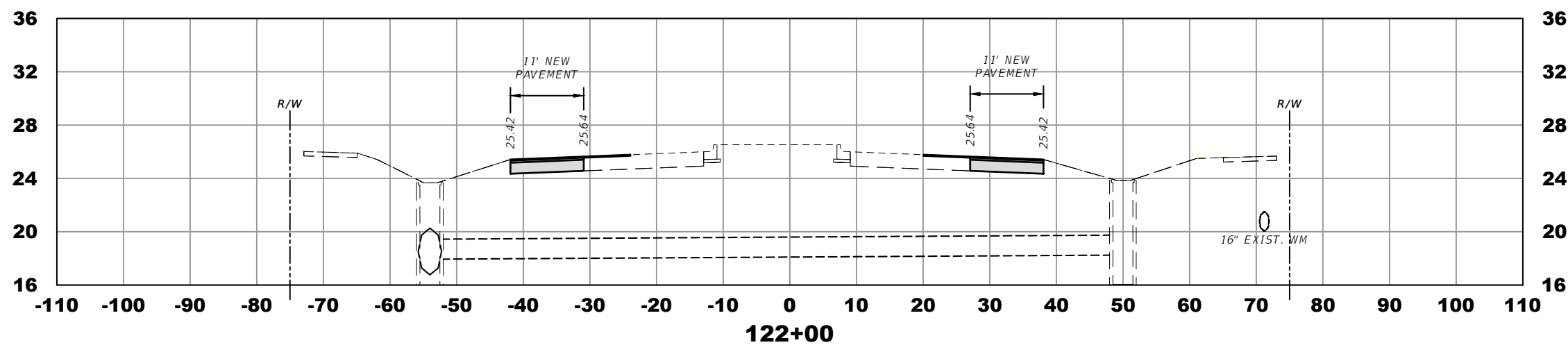
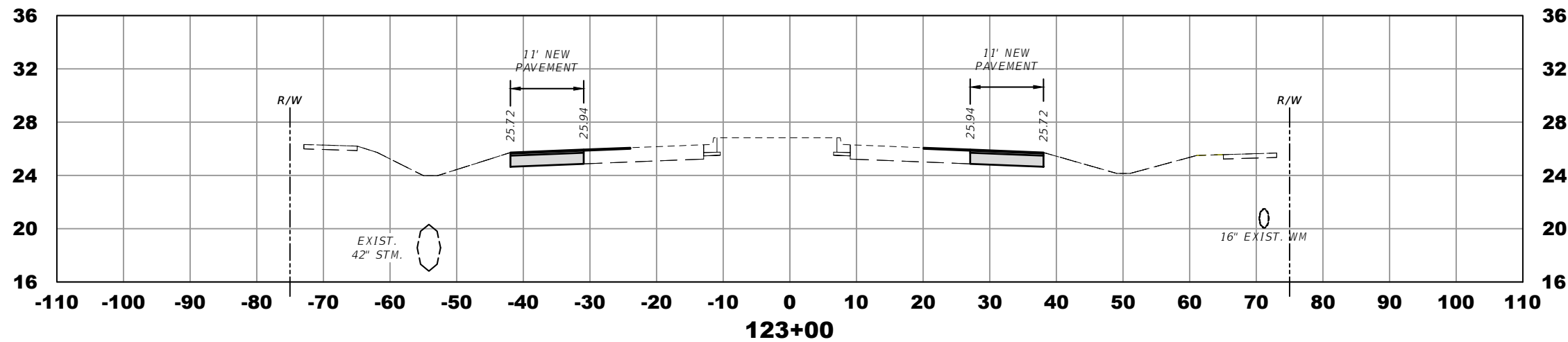
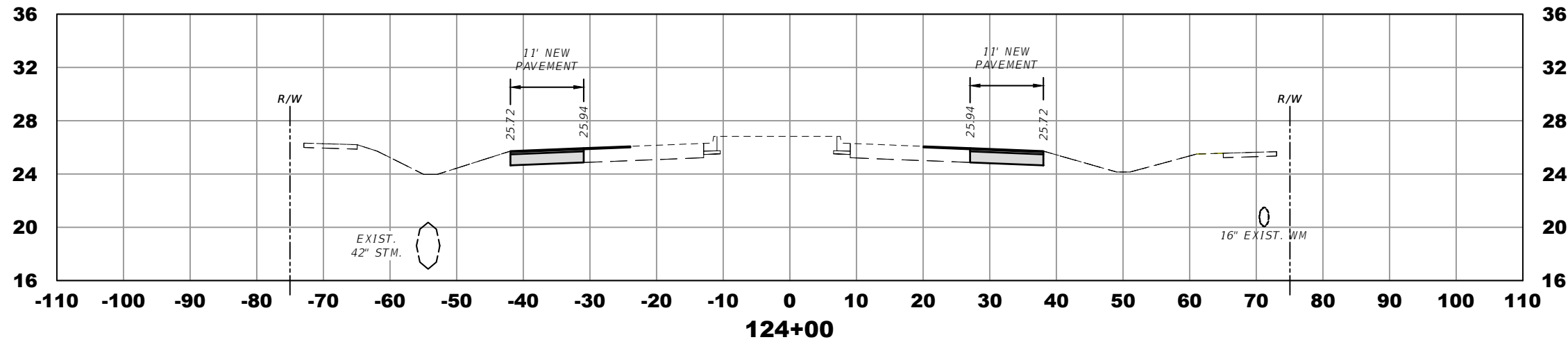
CITY OF PSL PROJECT NO. P22-169  
PSLUSD PROJECT NO. 9-0915-G

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.  29
DATE	DESCRIPTION	DATE	DESCRIPTION		COUNTY	ROAD NO.		
---	4 LANE				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)

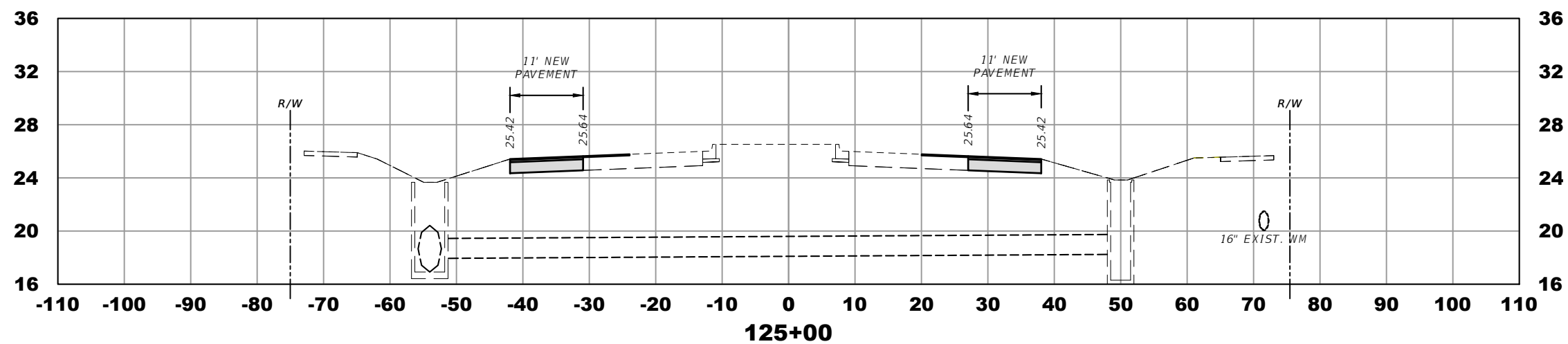
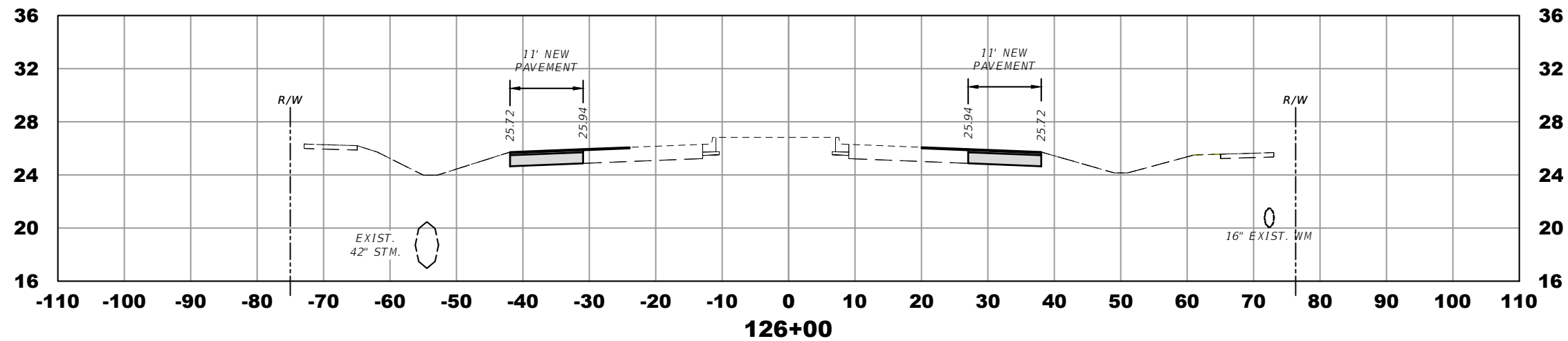
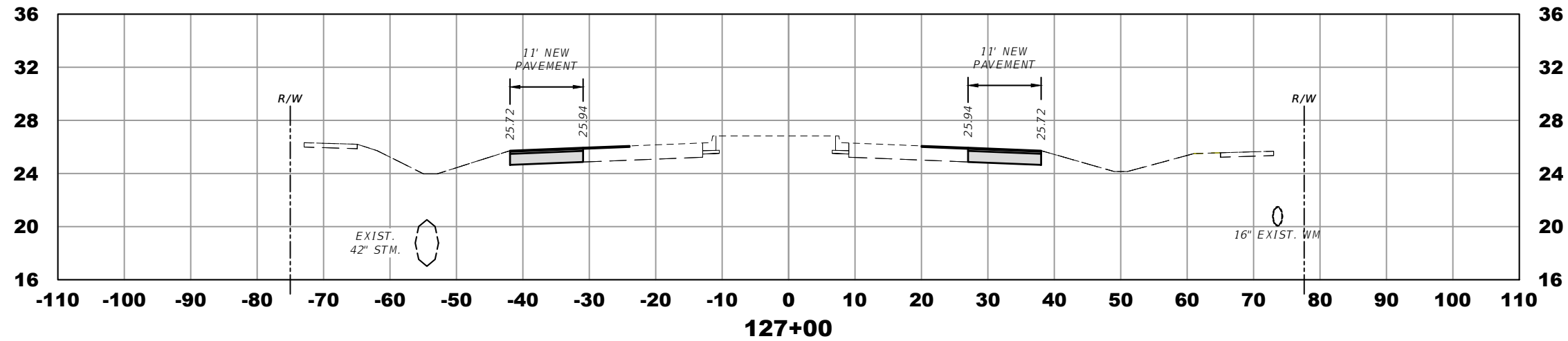
CITY OF PSL PROJECT NO. P22-169  
PSLUSD PROJECT NO. 9-0915-G

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		CROSS SECTIONS	SHEET NO. 30
DATE	DESCRIPTION	DATE	DESCRIPTION		COUNTY	ROAD NO.		
---	4 LANE				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'

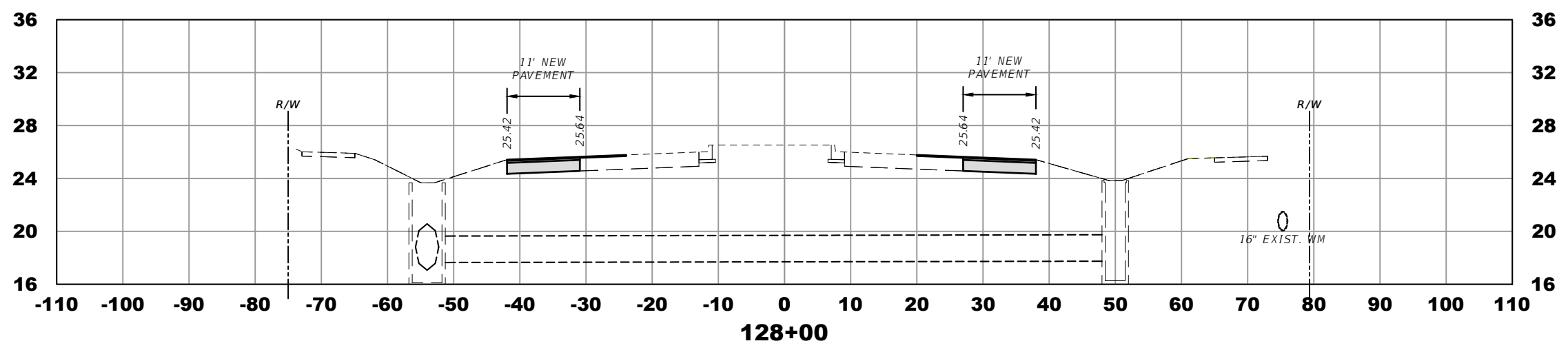
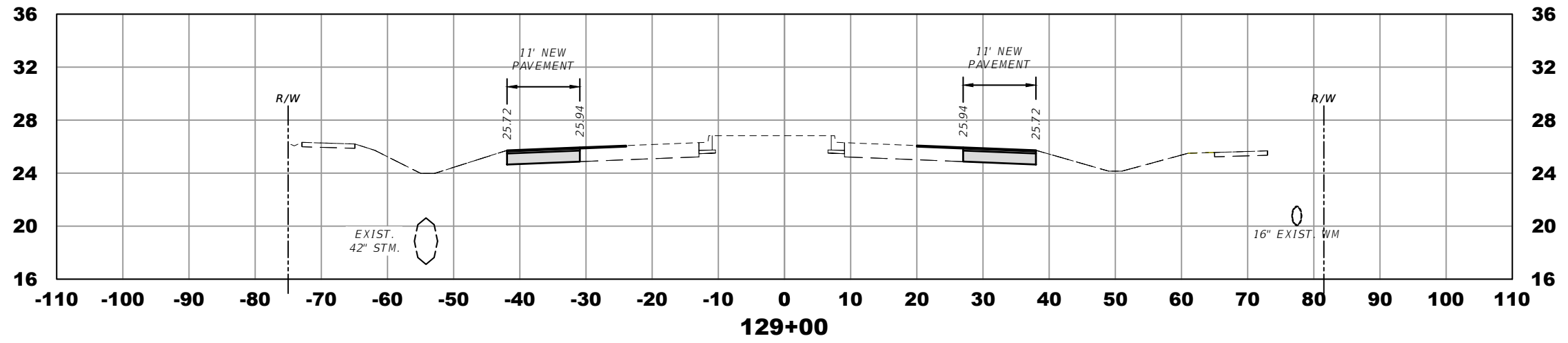
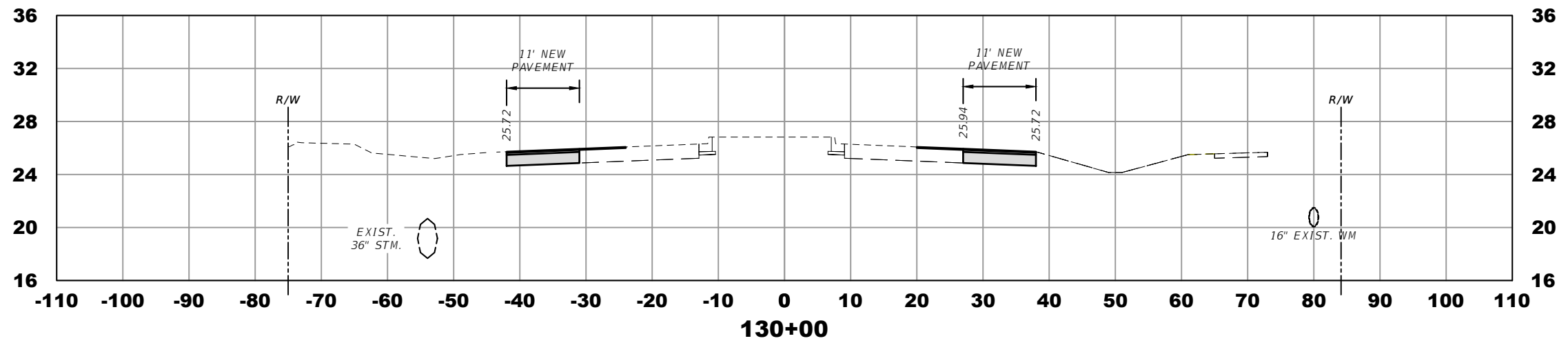
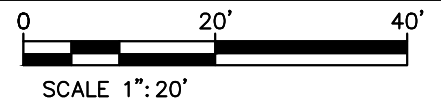


ELEVATION DATUM  
THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

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		CROSS SECTIONS	SHEET NO. 31
DATE	DESCRIPTION	DATE	DESCRIPTION		COUNTY	ROAD NO.		
---	4 LANE				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.



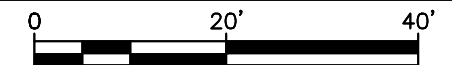
ELEVATION DATUM  
THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

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

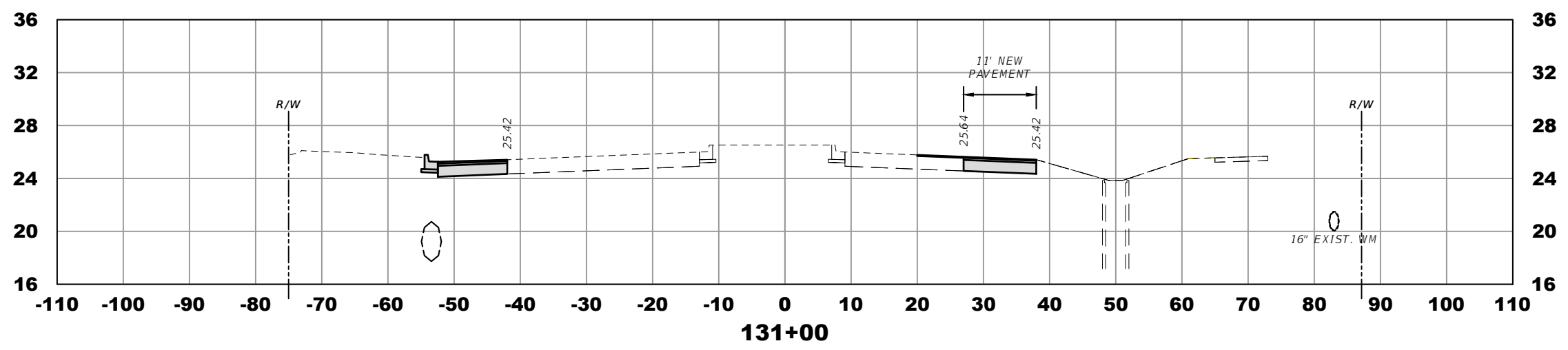
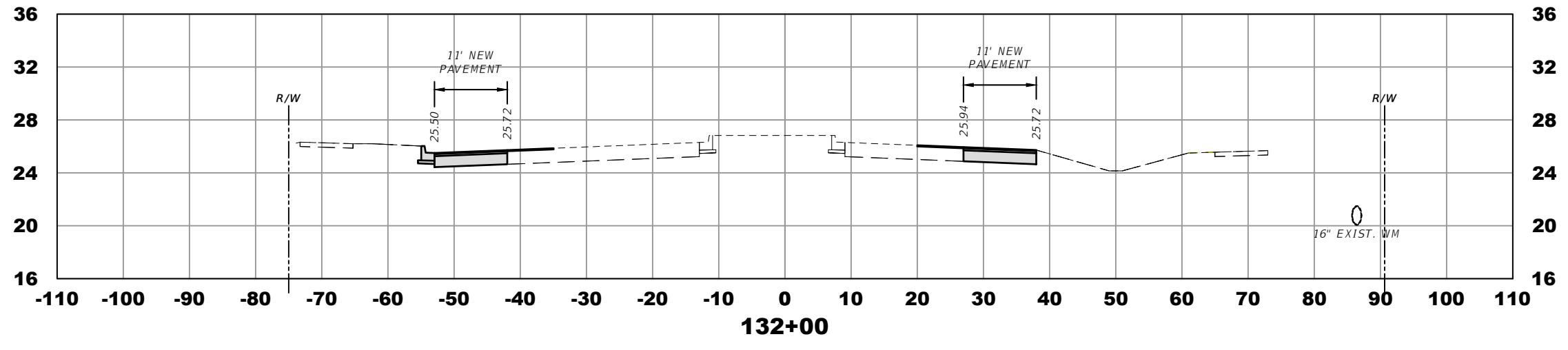
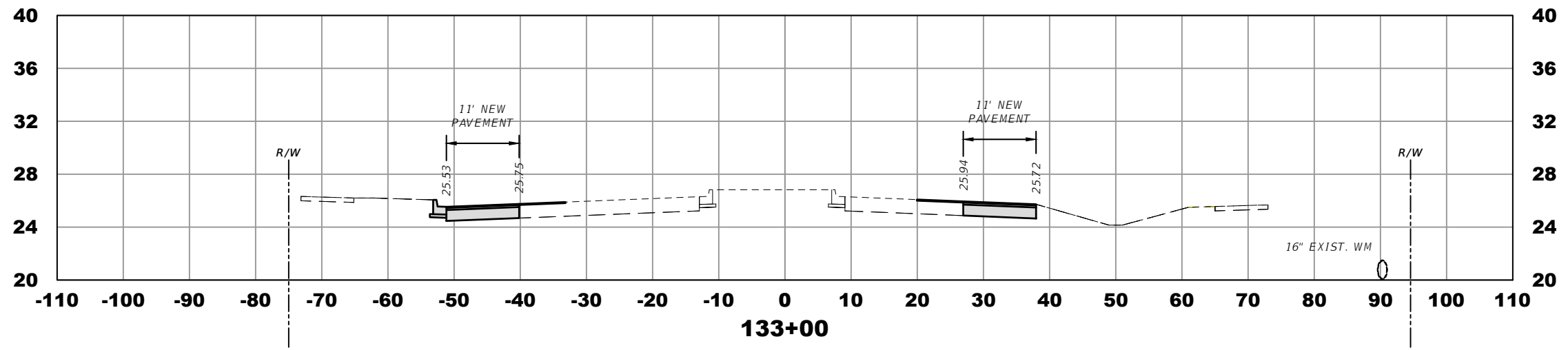
REVISIONS				MACKENZIE ENGINEERING & PLANNING, INC. 1172 SW 30TH STREET, SUITE 500, PALM CITY, FLORIDA, 34990 C.A. 29013 SHAUN G. MACKENZIE P.E. P.E. NO. 61751	CITY OF PORT ST. LUCIE 121 SW PORT ST. LUCIE BLVD PORT ST. LUCIE BLVD, FL 34984		CROSS SECTIONS	SHEET NO. 32
DATE	DESCRIPTION	DATE	DESCRIPTION		COUNTY	ROAD NO.		
---	4 LANE			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'

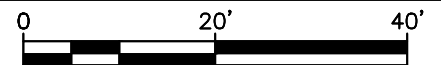


ELEVATION DATUM  
THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

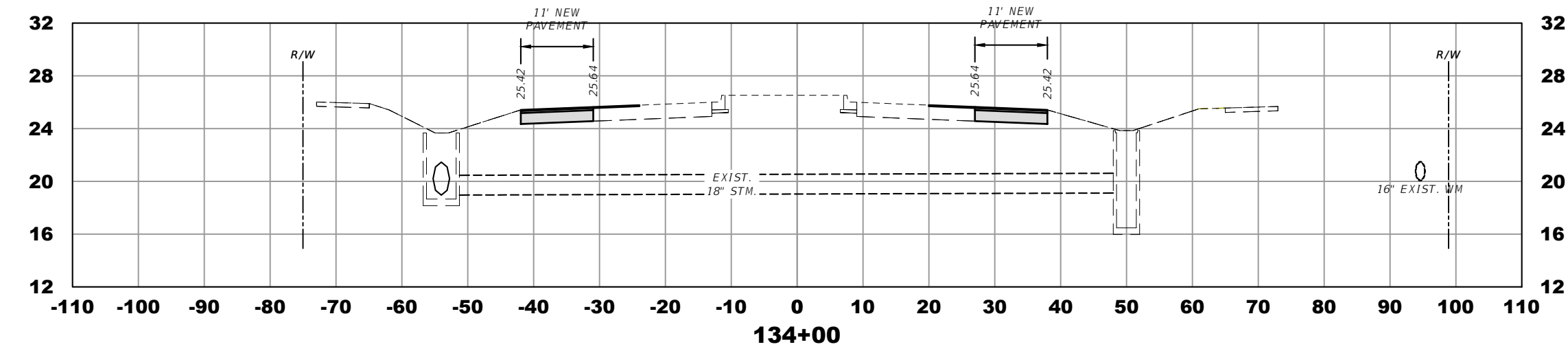
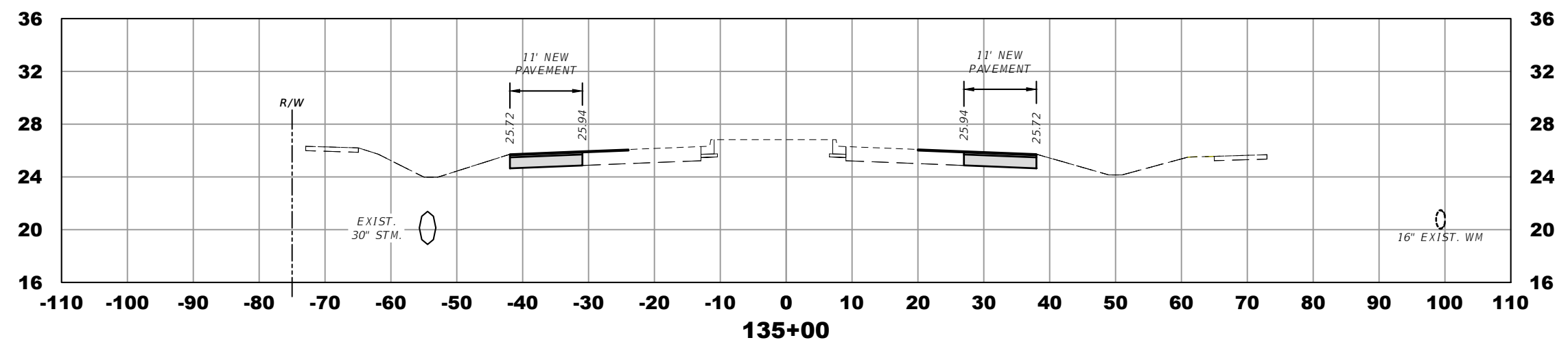
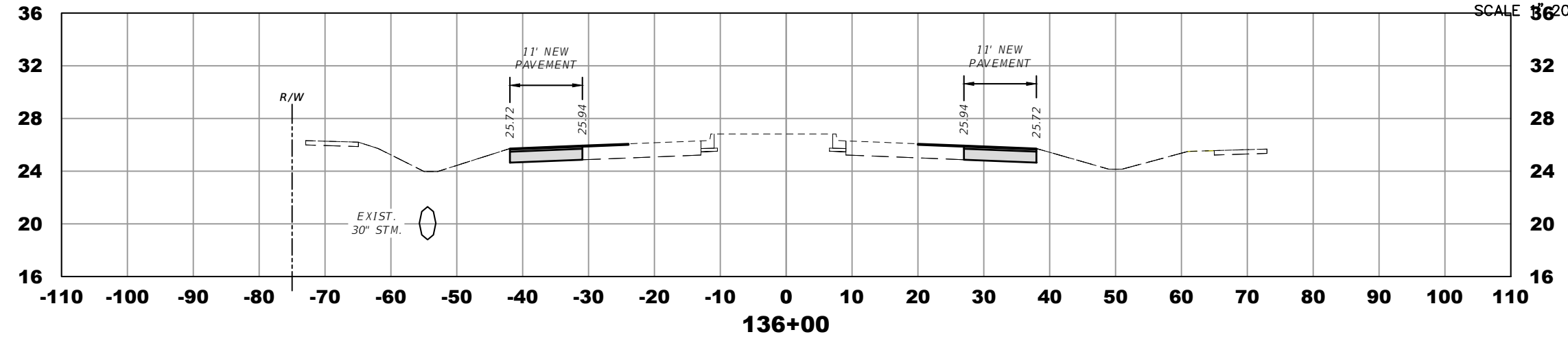
CITY OF PSL PROJECT NO. P22-169  
PSLUSD PROJECT NO. 9-0915-G

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, FL 34984		CROSS SECTIONS	SHEET NO. 33
DATE	DESCRIPTION	DATE	DESCRIPTION		COUNTY	ROAD NO.		
----	4 LANE				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'

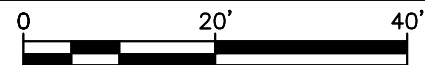


ELEVATION DATUM  
THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

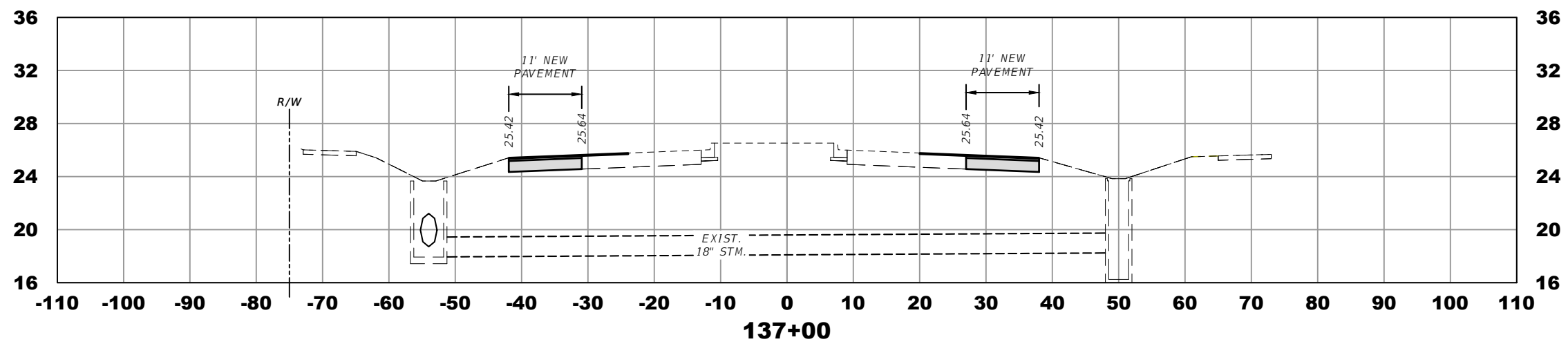
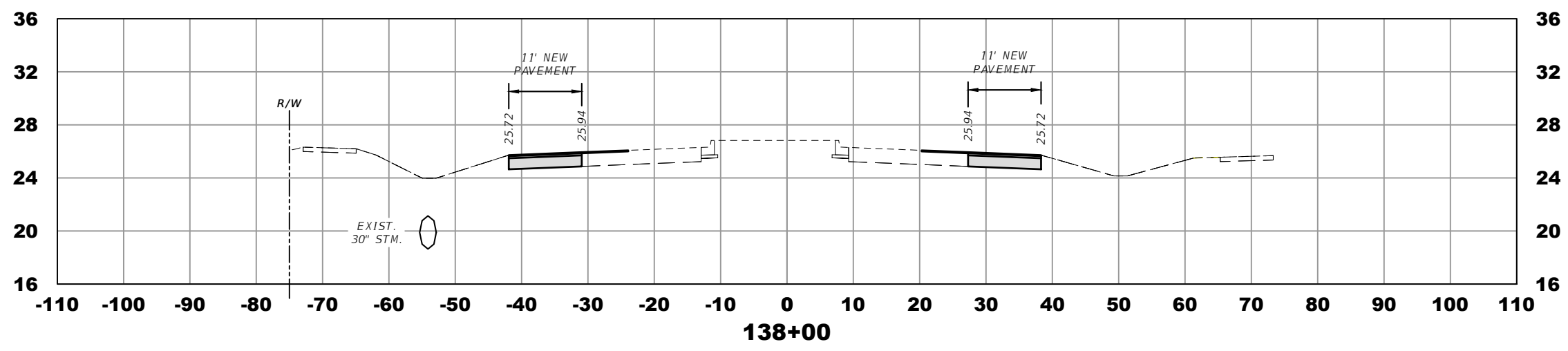
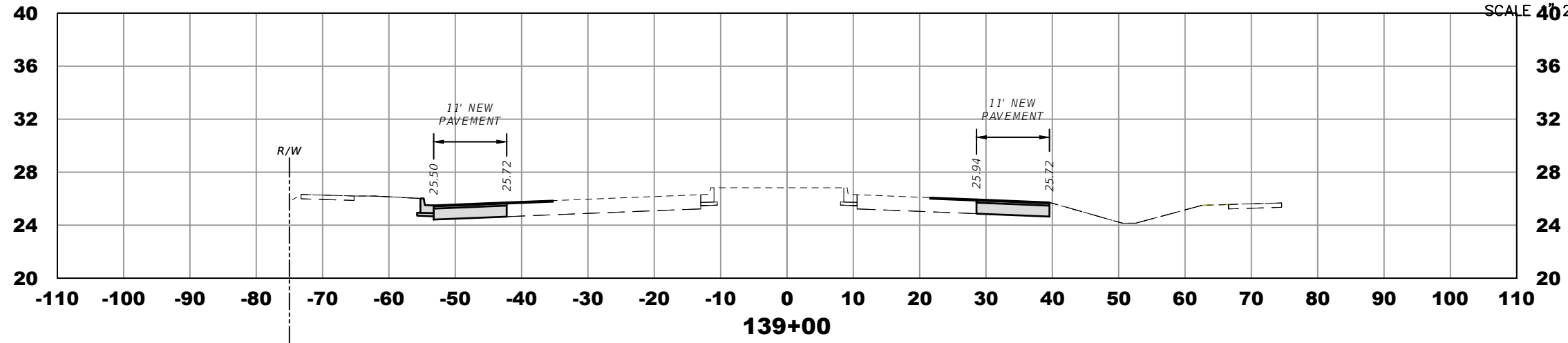
CITY OF PSL PROJECT NO. P22-169  
PSLUSD PROJECT NO. 9-0915-G

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		SHEET NO.  34
DATE	DESCRIPTION	DATE	DESCRIPTION		COUNTY	ROAD NO.	
---	4 LANE				ST. LUCIE COUNTY	CROSTOWN PARKWAY SEGMENT 2B	<i>CROSS SECTIONS</i>

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



SCALE 40' = 1"

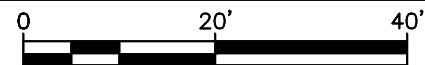


ELEVATION DATUM  
THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

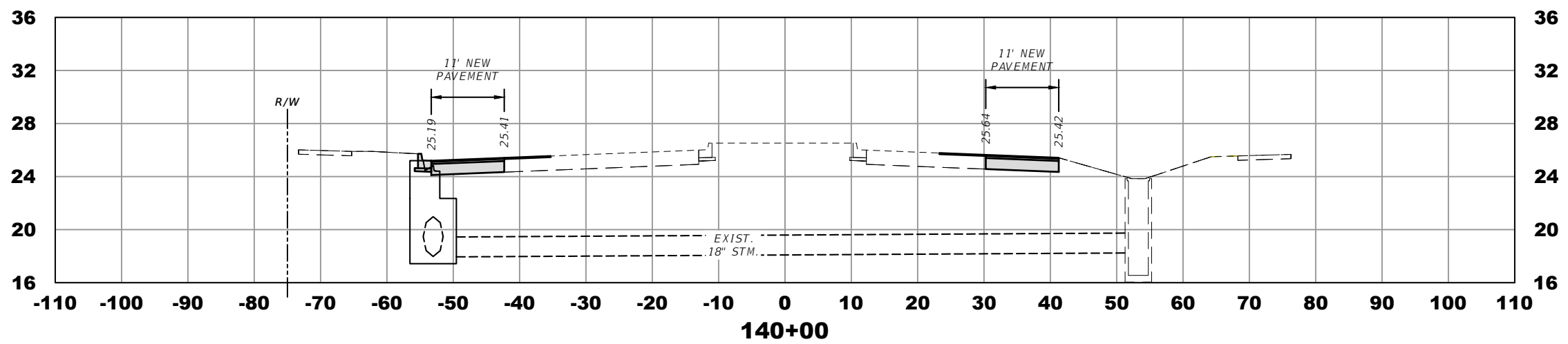
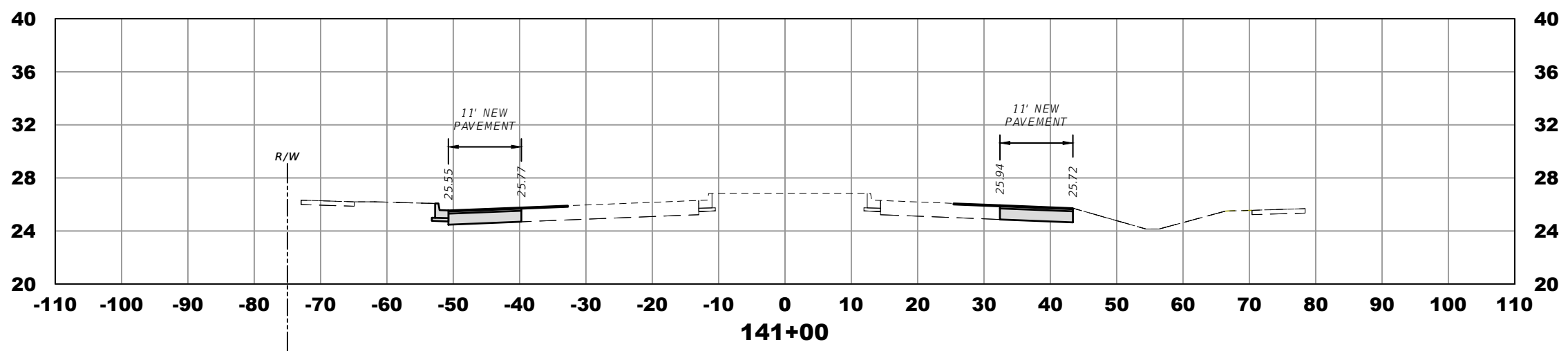
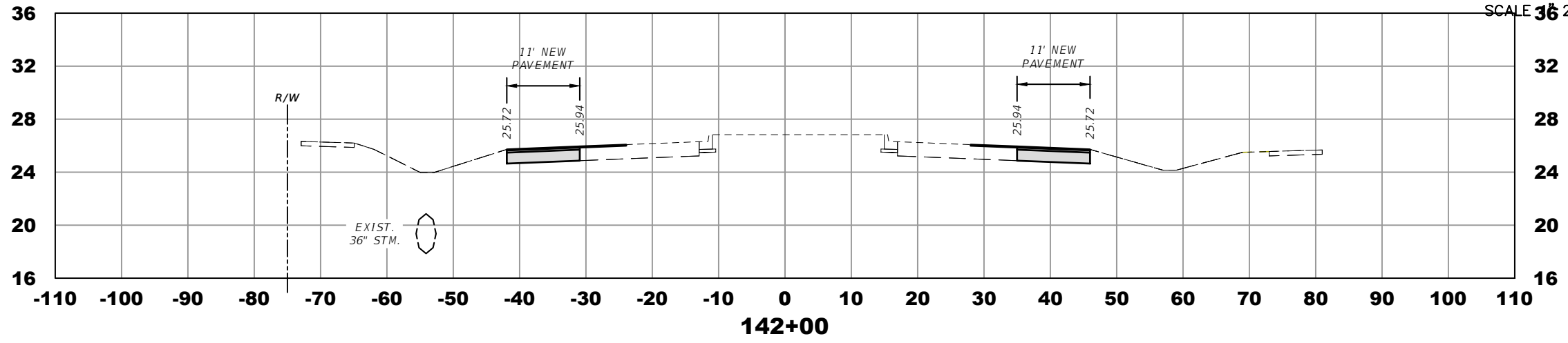
CITY OF PSL PROJECT NO. P22-169  
PSLUSD PROJECT NO. 9-0915-G

REVISIONS				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. 35
DATE	DESCRIPTION	DATE	DESCRIPTION		COUNTY	ROAD NO.		
----	4 LANE				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 3/8" = 1' 20'

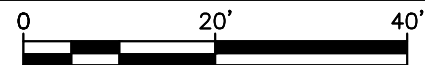


ELEVATION DATUM  
THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

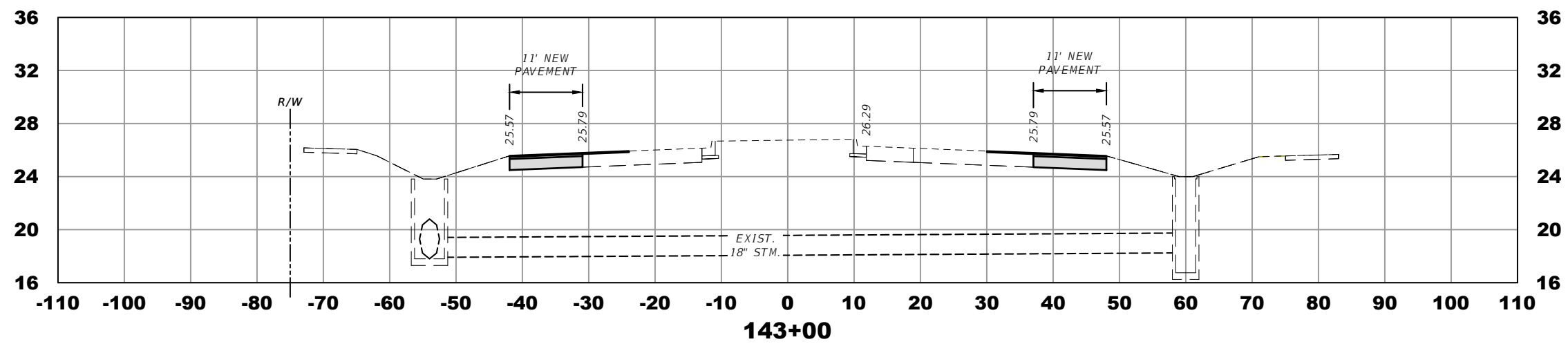
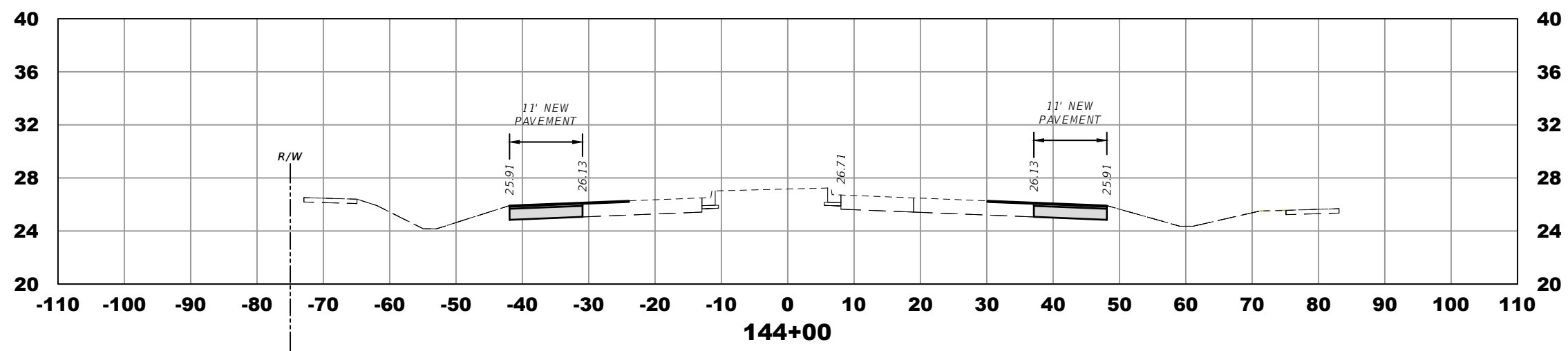
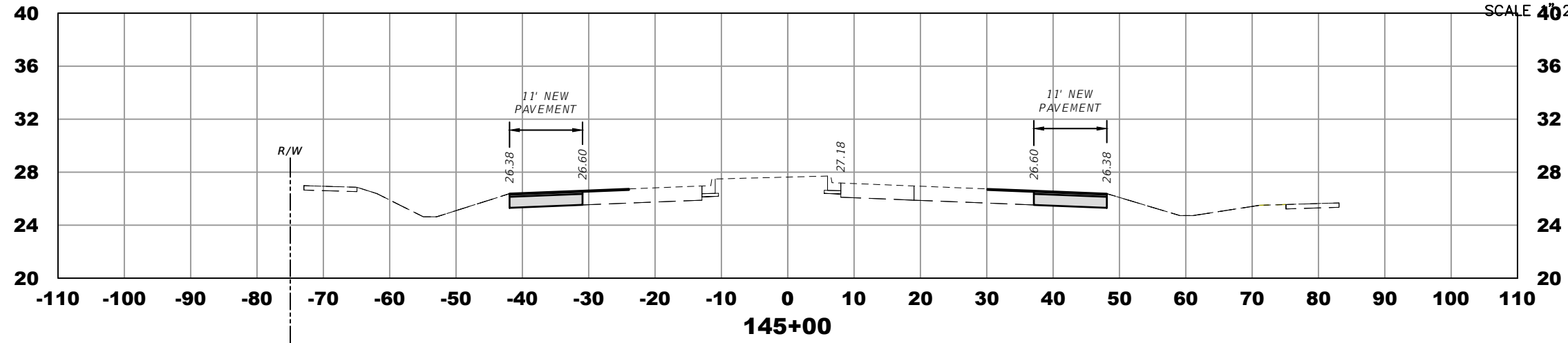
CITY OF PSL PROJECT NO. P22-169  
PSLUSD PROJECT NO. 9-0915-G

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		SHEET NO.  36
DATE	DESCRIPTION	DATE	DESCRIPTION		COUNTY	ROAD NO.	
---	4 LANE				ST. LUCIE COUNTY	CROSSTOWN PARKWAY SEGMENT 2B	<i>CROSS SECTIONS</i>

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



SCALE 40/20'

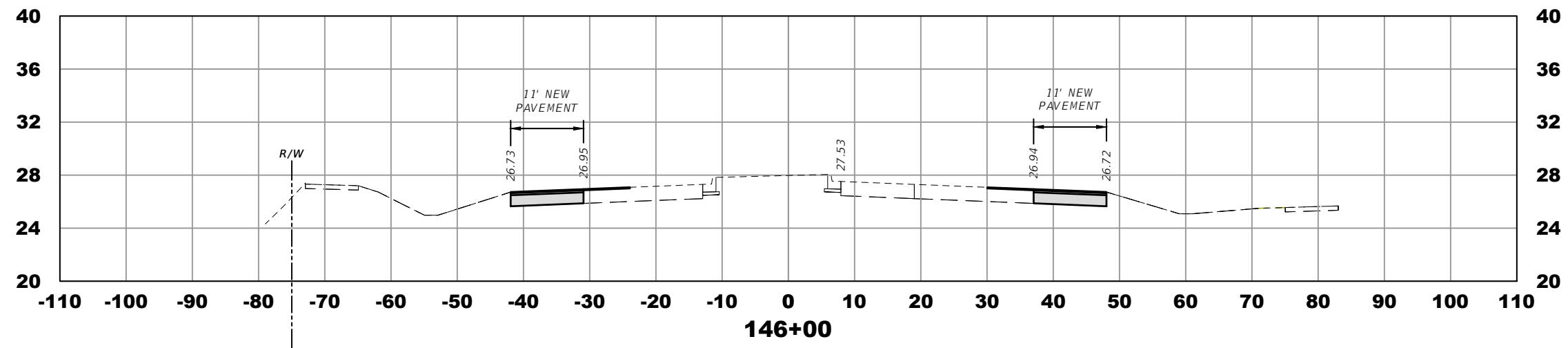
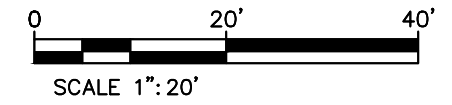


ELEVATION DATUM  
THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

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		SHEET NO.  37
DATE	DESCRIPTION	DATE	DESCRIPTION		COUNTY	ROAD NO.	
---	4 LANE				ST. LUCIE COUNTY	CROSSTOWN PARKWAY SEGMENT 2B	<i>CROSS SECTIONS</i>

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

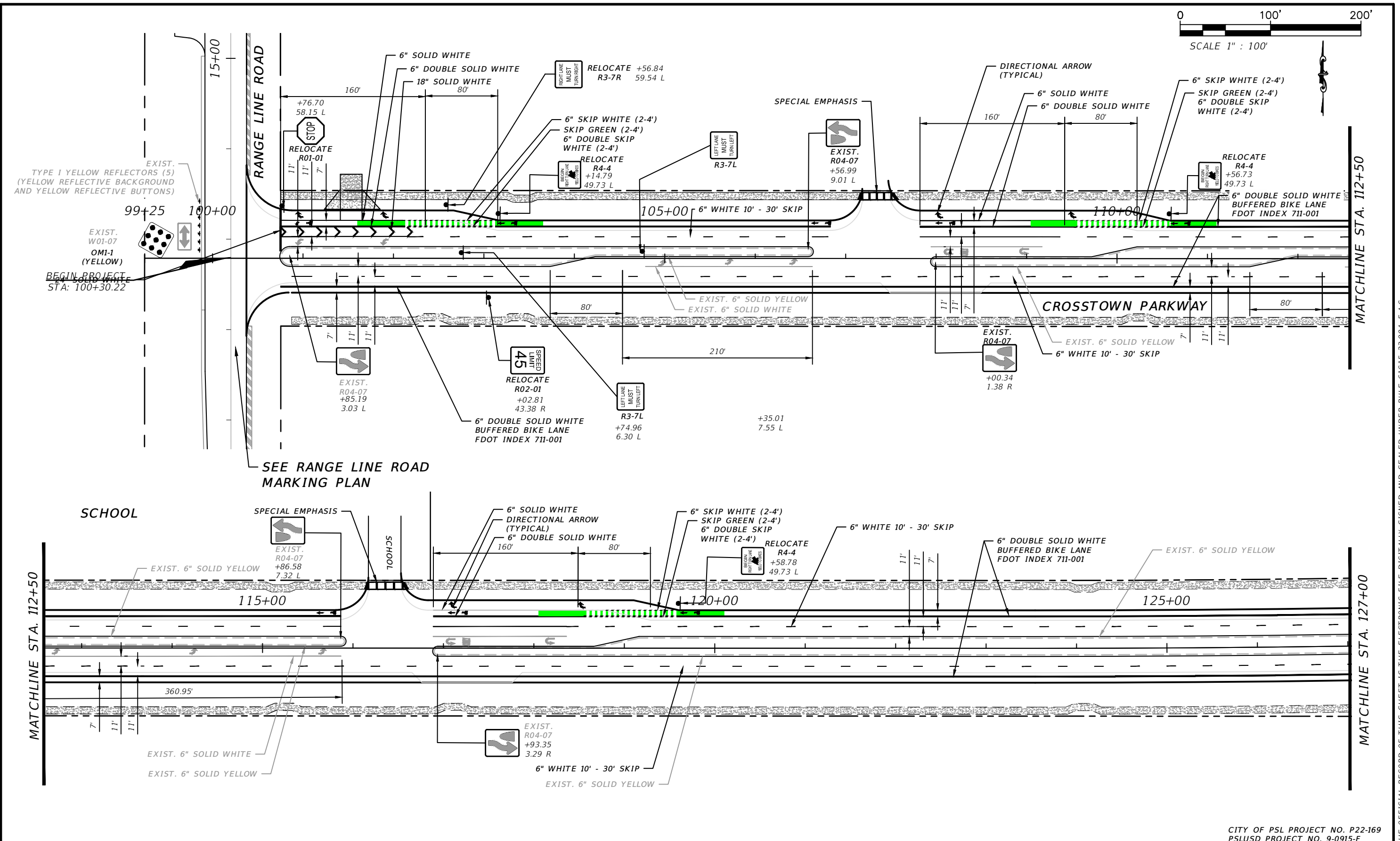
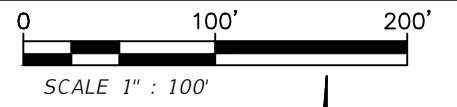


ELEVATION DATUM  
THE ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

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		<i>CROSS SECTIONS</i>	SHEET NO.  38
DATE	DESCRIPTION	DATE	DESCRIPTION		COUNTY	ROAD NO.		
---	4 LANE			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.



SEE RANGE LINE ROAD MARKING PLAN

SCHOOL

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
----	4 LANE		

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

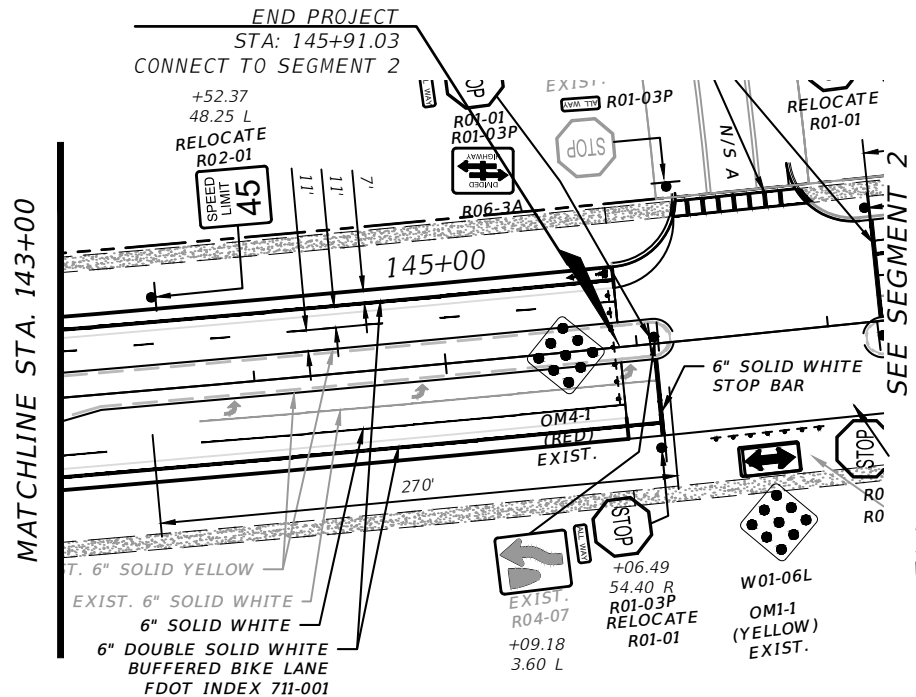
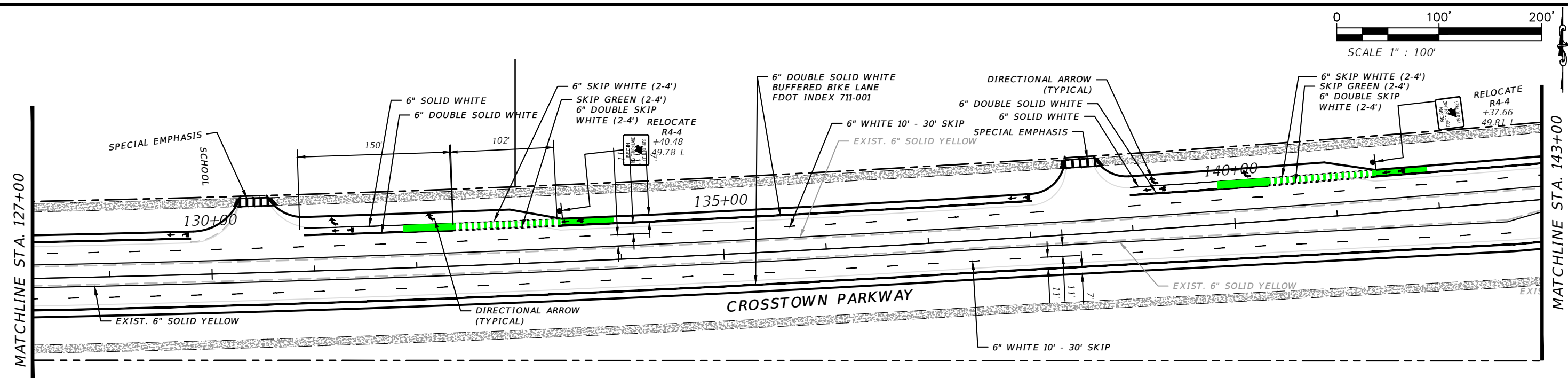
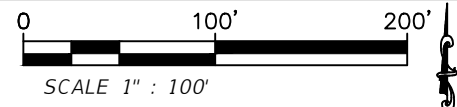
CITY OF PORT ST. LUCIE  
121 SW PORT ST. LUCIE BLVD  
PORT ST. LUCIE, FL 34984

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

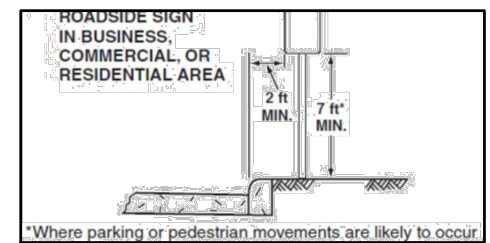
**PAVEMENT MARKING  
AND SIGNAGE**

SHEET NO.  
39

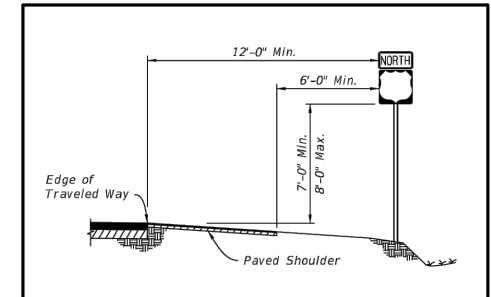
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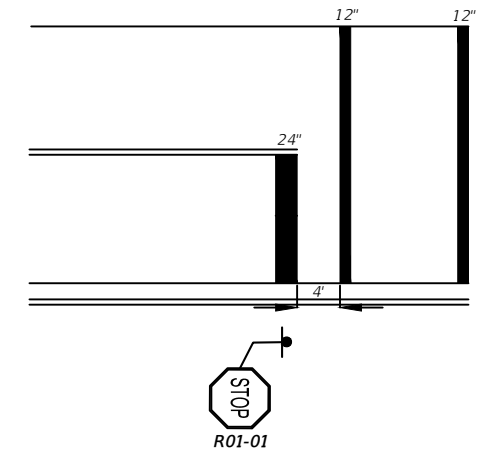
REMOVE W01-06L AND REPLACE WITH W01-07



ROAD SIGN LOCATION



ROAD SIGN LOCATION



STOP SIGN LOCATION

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
----	4 LANE		

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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

**PAVEMENT MARKING  
AND SIGNAGE**

SHEET NO.  
40

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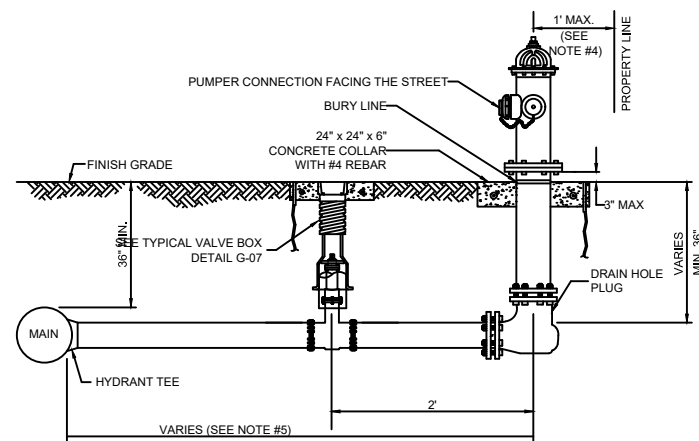
**MINIMUM SEPARATION BETWEEN PSLUSD FACILITIES AND OTHER UTILITIES**

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	WATER MAIN 10' MINIMUM	WATER MAIN 18" MINIMUM	WATER MAIN 6' MINIMUM
ALL OTHER FACILITIES, INCLUDING BUT NOT LIMITED TO: TELEPHONE, CABLE TV, POWER, ETC.	(4) PSLUSD FACILITY 5' MINIMUM	PSLUSD FACILITY (4) 18" MINIMUM	WATER MAIN 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



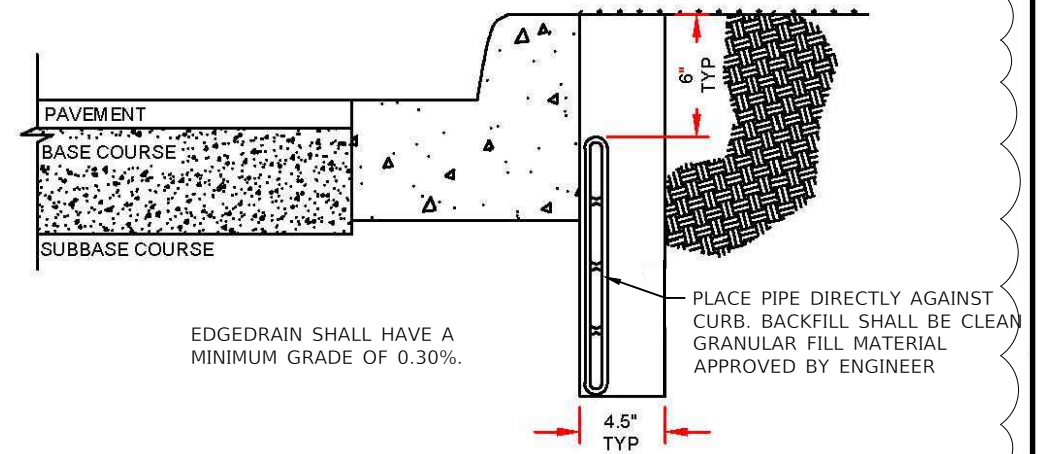
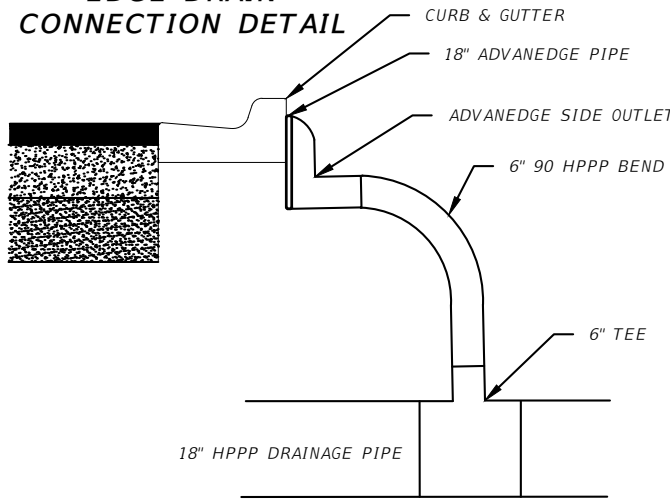
**NOTES:**

- HYDRANTS SHALL BE INSTALLED IN ACCORDANCE WITH ANSI/AWWA C600. THE HYDRANTS SHALL BE PAINTED BY THE MANUFACTURER WITH 2 COATS (MIN.).
- 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.
- 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.
- WHEN INSTALLED WITH SIDEWALK OR CURB, PROVIDE MIN. 2 FOOT CLEARANCE TO ANY PORTION OF THE HYDRANT, UTILIZING THE SIDE LOT EASEMENT IF NECESSARY.
- 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.
- ANY DEVIATIONS FROM THE CRITERIA ABOVE REQUIRE A WRITTEN RECOMMENDATION FROM THE ENGINEER-OF-RECORD AND WRITTEN APPROVAL BY PSLUSD.

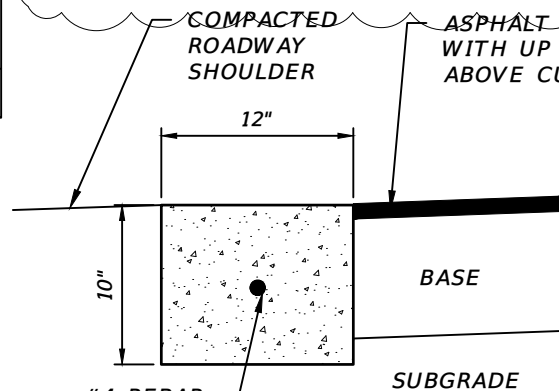
**FIRE HYDRANT ASSEMBLY W-06**

SCALE: N.T.S.  
DATE: 2019

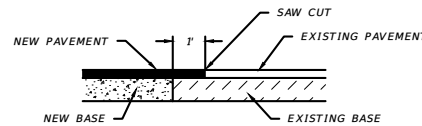
**EDGE DRAIN CONNECTION DETAIL**



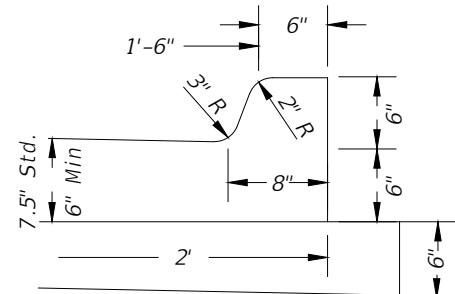
**EDGE DRAIN DETAIL**



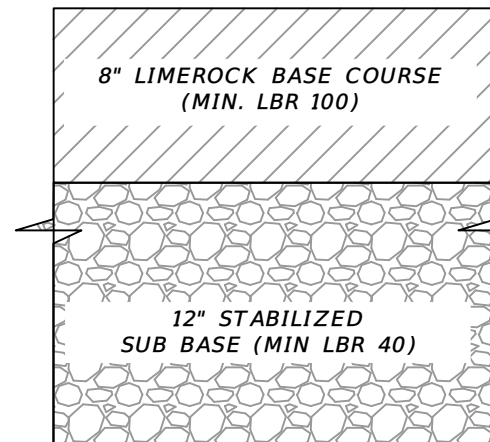
**HEADER CURB DETAIL**



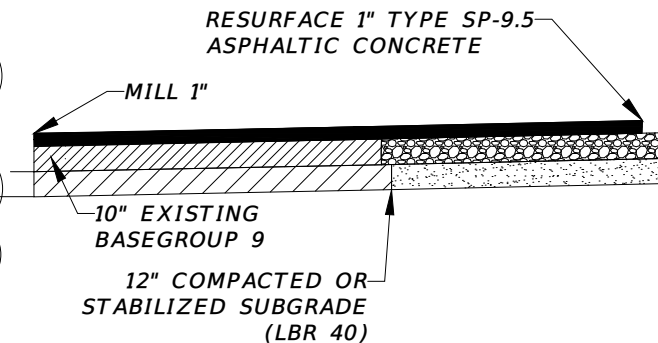
**SAW CUT DETAIL**



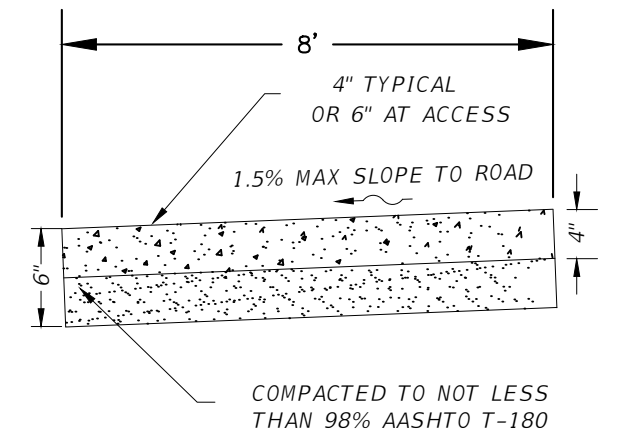
**TYPE "F" CURB DETAIL**



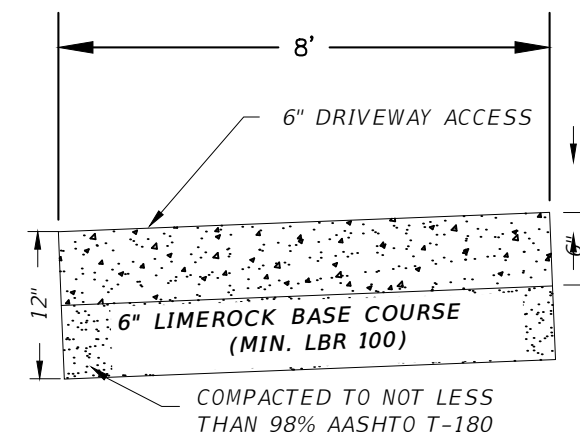
**STABILIZED ACCESS**



**MILL AND RESURFACE DETAIL**



**SIDEWALK DETAIL**



**CONCRETE ACCESS DETAIL**

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
---	4 LANE		

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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

**DETAIL**

SHEET NO. 41

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