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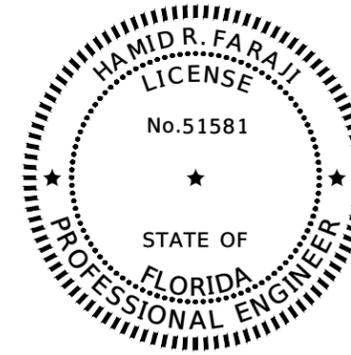
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JEREMY FIORE RUNKLE, P.E.
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380 PARK PLACE BOULEVARD, SUITE 300
CLEARWATER, FL 33759
PHONE NUMBER: (727) 531-3505

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

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9	SUMMARY OF DRAINAGE STRUCTURES

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REVISIONS				 STANTEC CONSULTING SERVICES, INC.	JEREMY FIORE RUNKLE, P.E. P.E. LICENSE NUMBER 73855 380 PARK PLACE BOULEVARD SUITE 300 CLEARWATER, FLORIDA, 33759 (727) 531-3505	 MANATEE COUNTY PUBLIC WORKS COUNTY PROJECT NO: 6108261	INTERSECTION IMPROVEMENTS AT 75TH STREET WEST AND MANATEE AVENUE W. (SR 64)	SHEET NO.
NO.	DESCRIPTION	DATE	BY				SIGNATURE SHEET	2
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SUMMARY OF PAY ITEMS			
PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	QUANTITY
101-1	MOBILIZATION (10%)	LS	1
102-1	MAINTENANCE OF TRAFFIC (10%)	LS	1
104-18	INLET PROTECTION SYSTEM	EA	6
110-1-1	CLEARING & GRUBBING	LS / AC	0
110-4-10	REMOVAL OF EXISTING CONCRETE	SY	666
120-1	REGULAR EXCAVATION	CY	225
120-6	EMBANKMENT	CY	13
160-4	TYPE B STABILIZATION	SY	1447
285-709	OPITONAL BASE, BASE GROUP 09	SY	1447
327-70-1	MILLING EXISTING ASPHALT PAVEMENT, 1" AVG DEPTH	SY	7380
334-1-52	SUPERPAVE ASPHALTIC CONC, TRAFFIC C, SP-12.5, PG 76-22 (2.0")	TN	132
337-7-82	ASPHALT CONCRETE FC, TRAFFIC C, FC-9.5, PG 76-22 (1")	TN	472
425-1351	INLETS, CURB, TYPE P-5, <10'	EA	1
425-1361	INLETS, CURB, TYPE P-6, <10'	EA	1
425-5	MANHOLE, ADJUST	EA	1
430-175-115	PIPE CULVERT, OPTTIONAL MATERIAL, ROUND, 15' S/CD	LF	15
430-175-215	PIPE CULVERT, OPT MATERIAL, OTHER-ELLIPTICAL/ARCH, 15' S/CD	LF	73
520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	853
520-2-2	CONCRETE CURB, TYPE B	LF	227
520-5-11	TRAFFIC SEPARATOR CONCRETE - TYPE I, 4' WIDE	LF	66
520-70	TRAFFIC SEPARATOR, SPECIAL- VARIABLE WIDTH	SY	248
522-1	CONCRETE SIDEWALK, 4" THICK	SY	266
522-2	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	61
0527-2	DETECTABLE WARNINGS	SF	63
570-1-2	PERFORMANCE TURF, SOD	SY	315
706-1-3	RAISED PAVEMENT MARKER, TYPE B	EA	90
710-90	PAINTED PAVEMENT MARKINGS, FINAL SURFACE	LS	1
710-11-290	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, ISLAND NOSE	SF	7
711-11-103	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12"	GM	0.084
711-11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK	LF	340
711-11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE	LF	95
711-11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	0.083
711-11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL (ONLY)	EA	5
711-11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	16
711-14-125	THERMOPLASTIC, PREFORMED, WHITE SOLID, 24" FOR CROSSWALK	LF	310
711-14-160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE (BICYCLE SYMBOL)	EA	6
711-14-170	THERMOPLASTIC, PREFORMED, WHITE, ARROW (BICYCLE ARROW)	EA	6
711-15-101	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES WHITE, SOLID, 6"	GM	0.284
711-15-131	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SKIP. 6", 10-30 SKIP	GM	0.146
711-15-133	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SKIP, 12"- 3-9 LANE DR	GM	0.032
711-15-201	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, YELLOW, SOLID, 6"	GM	0.263
715-1-12	LIGHTING CONDUCTORS, F&I, INSULATED, NO. 8 - 6	LF	241
715-540-000	LIGHT POLE COMPLETE - SPECIAL DESIGN, RELOCATE	EA	2

REVISIONS			
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MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108261

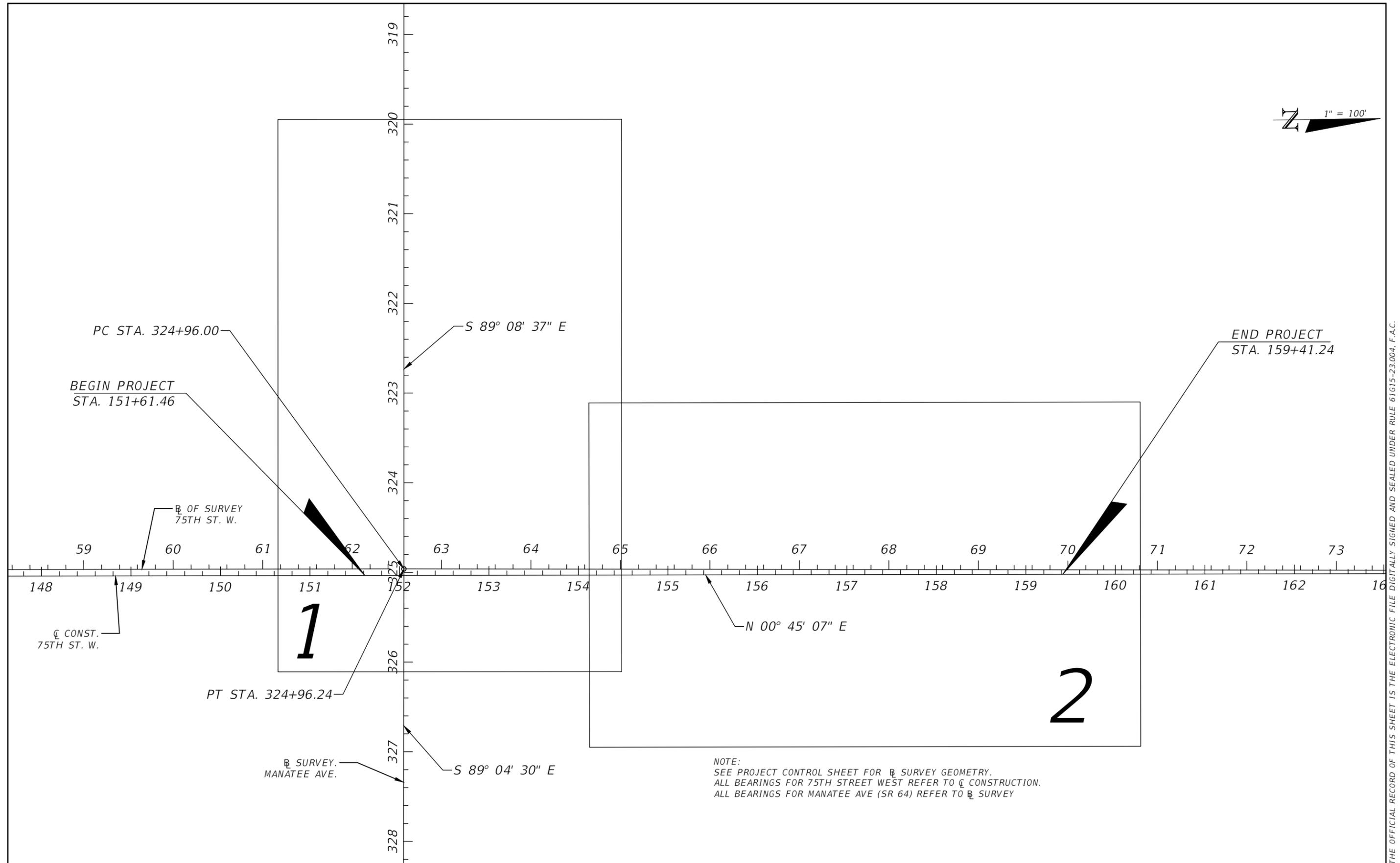
INTERSECTION IMPROVEMENTS AT 75TH STREET WEST
AND MANATEE AVENUE W. (SR 64)

SUMMARY OF PAY ITEMS

SHEET NO.

3

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NOTE:
 SEE PROJECT CONTROL SHEET FOR \mathbb{B} SURVEY GEOMETRY.
 ALL BEARINGS FOR 75TH STREET WEST REFER TO \mathbb{C} CONSTRUCTION.
 ALL BEARINGS FOR MANATEE AVE (SR 64) REFER TO \mathbb{B} SURVEY

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INTERSECTION IMPROVEMENTS AT 75TH STREET WEST
 AND MANATEE AVENUE W. (SR 64)

PROJECT LAYOUT

SHEET NO.
 4

GENERAL NOTES

1. ALL CONSTRUCTION ACTIVITIES SHALL BE COORDINATED WITH THE MANATEE COUNTY PROJECT MANAGEMENT DIVISION. THE PROJECT MANAGER IS: ANTHONY RUSSO, P.E. AND CAN BE REACHED AT (941) 708-7450; EXT. 7349.
2. SITE VISITS ARE MANDATORY FOR ALL BIDDERS. THESE SITE VISITS CAN BE ARRANGED THROUGH THE PROJECT MANAGER.
3. ALL CONSTRUCTION ON THIS PROJECT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF MANATEE COUNTY UTILITY AND TRANSPORTATION STANDARDS AND/OR FDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" UNLESS OTHERWISE INDICATED ON THE PLANS.
4. VERTICAL CONTROL FOR THIS PROJECT WAS ESTABLISHED BY A MINIMUM OF TWO REFERENCE BENCHMARKS DESCRIBED ON THE "THE NORTH AMERICAN VERTICAL DATUM OF 1988", (NAVD '88). THE SURVEY IS REFERENCED TO A GRID PROJECTION OF THE FLORIDA STATE PLANE COORDINATE SYSTEM (WEST ZONE NAD 1983 / 2011 ADJUSTMENT).
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING ALL CONDITIONS AND REQUIREMENTS OF ALL PERMITS AND ALL GOVERNING FEDERAL, STATE, AND LOCAL AGENCIES. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL REQUIRED PERMITS THAT ARE NOT PROVIDED IN THE BID DOCUMENTS, AT NO ADDITIONAL COST TO THE OWNER.
6. THE INFORMATION PROVIDED IN THESE PLANS IS SOLELY TO ASSIST THE CONTRACTOR IN ASSESSING THE NATURE AND EXTENT OF THE CONDITIONS WHICH MAY BE ENCOUNTERED DURING THE COURSE OF WORK. ALL CONTRACTORS ARE DIRECTED, PRIOR TO BIDDING, TO CONDUCT WHATEVER INVESTIGATION THEY MAY DEEM NECESSARY TO ARRIVE AT THEIR OWN CONCLUSIONS REGARDING THE ACTUAL CONDITIONS THAT WILL BE ENCOUNTERED, AND UPON WHICH THEIR BIDS WILL BE BASED.
7. THE CONTRACTOR SHALL REVIEW AND VERIFY ALL DIMENSIONS ON THE PLANS AND REVIEW ALL FIELD CONDITIONS THAT MAY AFFECT CONSTRUCTION. SHOULD DISCREPANCIES OCCUR, THE CONTRACTOR SHALL NOTIFY THE ENGINEER TO OBTAIN THE ENGINEER'S CLARIFICATION BEFORE COMMENCING WITH CONSTRUCTION.
8. AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION, THE CONTRACTOR SHALL CONTACT SUNSHINE STATE ONE CALL OF FLORIDA AT 1-800-432-4770 OR THE NATIONAL 811 ONE CALL NUMBER WHEN APPLICABLE FOR UTILITY LOCATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH ALL UTILITIES FOR THE POSSIBLE RELOCATION OR THE TEMPORARY MOVEMENT OF ANY EXISTING UTILITIES WITHIN THE RIGHTS-OF-WAY.
9. ALL STATIONS AND OFFSETS FOR 75TH STREET WEST REFER TO A \square OF CONSTRUCTION UNLESS OTHERWISE NOTED. ALL STATIONS AND OFFSETS FOR MANATEE AVENUE (SR 64) REFER TO A \square OF SURVEY UNLESS OTHERWISE NOTED.
10. THE CONSTRUCTION LENGTHS IN THESE PLANS ARE APPROXIMATE. ACTUAL LIMITS MAY BE SET IN THE FIELD AS DIRECTED BY THE ENGINEER.
11. SEPARATE PAYMENT SHALL BE MADE ONLY FOR THE ITEMS OF WORK LISTED AND IDENTIFIED BY APPROPRIATE PAY ITEM ON THE BID FORM. THE COST OF ANY RELATED WORK NOT SPECIFICALLY IDENTIFIED, BUT WHICH IS REQUIRED FOR SATISFACTORY COMPLETION OF THE WORK, SHALL BE CONSIDERED TO BE INCLUDED IN THE CONTRACT PRICE FOR THE APPROPRIATE BID ITEM.
12. THE CONTRACTOR SHALL HAVE A FOREMAN, OR RESPONSIBLE PARTY, ON SITE AT ALL TIMES WHEN WORK IS BEING PERFORMED. ALL WORKERS ON THE JOB SITE WILL BE COURTEOUS TO THE PUBLIC AT ALL TIMES, AND SHALL REFER ANY QUESTIONS OR CONCERNS TO THE CONTRACTOR'S FOREMAN OR THE COUNTY INSPECTOR. THE FOREMAN SHALL SPEAK AND UNDERSTAND ENGLISH AND SHALL BE AVAILABLE AT ALL TIMES FOR TIMELY RESOLUTION OF PROJECT-RELATED ISSUES.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE COORDINATION OF CONSTRUCTION SCHEDULING BETWEEN CONTRACTOR AND ALL UTILITY AGENCIES.

NOTE: THIS INCLUDED MEETING WITH UTILITY AGENCIES PRIOR TO THE PRE-CONSTRUCTION CONFERENCE TO ADJUST THEIR SCHEDULES TO COINCIDE WITH THE CONTRACTORS CONSTRUCTION SCHEDULE. (REFERENCE CONTRACT DOCUMENTS)

14. ANY DAMAGE TO STATE, COUNTY, OR LOCAL ROADS CAUSED BY THE CONTRACTOR'S HAULING OR EXCAVATION EQUIPMENT SHALL BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE COUNTY PROJECT MANAGER. PAYMENT SHALL NOT BE MADE FOR THIS WORK.
15. MONUMENTATION - HORIZONTAL CONTROL, BENCHMARKS, ETC. SET BY THE CONSULTANT, SHALL HAVE THEIR COMPANY IDENTIFICATION ON THE TAG, DISK OR CAP. AT THE COMPLETION OF THE PROJECT, SURVEY CONTROL, BENCHMARKS, PROPERTY CORNERS, ETC. LOST DUE TO CONSTRUCTION SHALL BE RESET.

SAFETY NOTES

16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH THE FLORIDA TRENCH SAFETY ACT, 90-96, LAWS OF FLORIDA EFFECTIVE OCTOBER 1, 1990 AND THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION EXCAVATION SAFETY STANDARDS, 29 CFR 1926.650, SUBPART P, AS AMENDED. THE CONTRACTOR SHALL INCLUDE IN THE TOTAL BID PRICE ALL COSTS FOR COMPLIANCE WITH THESE REGULATIONS.
17. THE CONTRACTOR SHALL USE SHEET PILING, SHEETING, BRACING, ETC., AS REQUIRED IN ALL EXCAVATION AREAS AND CONFORM TO ALL OSHA REQUIREMENTS.
18. THE CONTRACTOR SHALL USE ALL NECESSARY SAFETY PRECAUTIONS TO AVOID CONTACT WITH OVERHEAD AND UNDERGROUND UTILITIES, POWER LINES, ETC.
19. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. THIS EXCLUSION DOES NOT ALLEVIATE THE CONTRACTOR FROM PROVIDING A CONTINUOUS SAFE WORKSPACE.

ENVIRONMENTAL NOTES

20. CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ALL SEDIMENT AND EROSION CONTROL (SEC) DEVICES (E.G., BARRIERS, SEDIMENT TRAPS/BASINS, VEGETATIVE BUFFERS, ETC.) AS SPECIFIED IN THE FINAL APPROVED PLANS FOR THE PROJECT. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL SEC DEVICES UTILIZED DURING THE PROJECT, AS WELL AS INSTALLATION AND MAINTENANCE OF ANY ADDITIONAL MEASURES DEEMED NECESSARY DURING PROJECT IMPLEMENTATION, TO PREVENT EROSION AND OFF-SITE SEDIMENT MIGRATION. CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR REMOVAL AND PROPER DISPOSAL OF ALL SEC DEVICES UPON CONCLUSION OF THE PROJECT, AND UPON ADEQUATE STABILIZATION OF DISTURBED SOILS.
21. THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL NECESSARY STORM WATER, EROSION, AND SEDIMENTATION CONTROL MEASURES IN ACCORDANCE WITH THE FDEP "FLORIDA STORM WATER, EROSION AND SEDIMENTATION CONTROL INSPECTOR'S MANUAL". IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTROL AND PREVENT EROSION AND TRANSPORT OF SEDIMENT TO SURFACE DRAINS AND TO DITCHES DURING CONSTRUCTION.
22. STOCKPILES SHALL BE PROTECTED AT ALL TIMES BY ON-SITE DRAINAGE CONTROLS WHICH PREVENT EROSION OF THE STOCKPILED MATERIAL. CONTROL OF DUST FROM SUCH STOCKPILES IS REQUIRED, DEPENDING UPON THEIR LOCATION AND THE EXPECTED LENGTH OF TIME THE STOCKPILES WILL BE PRESENT. IN NO CASE SHALL ANY STOCKPILED MATERIAL REMAIN AFTER THIRTY (30) CALENDAR DAYS.
23. STORM WATER INLETS IN THE VICINITY OF THE PROJECT SHALL BE PROTECTED BY SEDIMENT TRAPS SUCH AS SECURED HAY BALES, SOD, STONE, ETC., WHICH SHALL BE MAINTAINED AND MODIFIED AS REQUIRED BY CONSTRUCTION PROGRESS, AND WHICH MUST BE APPROVED BY THE ENGINEER BEFORE INSTALLATION. THIS WILL BE MAINTAINED TO PREVENT DEGRADATION OF THE WATERS OF THE COUNTY AND STATE.
24. SEDIMENT BASINS AND TRAPS, PERIMETER BERMS, SEDIMENT BARRIERS, VEGETATIVE BUFFERS, AND OTHER MEASURES INTENDED TO TRAP SEDIMENT AND/OR PREVENT THE TRANSPORT OF SEDIMENT ONTO ADJACENT PROPERTIES, OR INTO EXISTING BODIES OF WATER, MUST BE INSTALLED, CONSTRUCTED, OR IN THE CASE OF VEGETATIVE BUFFERS, PROTECTED FROM DISTURBANCE, AS A FIRST STEP IN THE LAND ALTERATION PROCESS. SUCH SYSTEMS SHALL BE FULLY OPERATIVE BEFORE ANY OTHER DISTURBANCE OF THE SITE BEGINS. EARTHEN STRUCTURES INCLUDING BUT NOT LIMITED TO BERMS, EARTH FILTERS, DAMS OR DIKES SHALL BE STABILIZED AND PROTECTED FROM DRAINAGE DAMAGE OR EROSION WITHIN ONE (1) WEEK OF INSTALLATION.
25. ALL SWALES, DITCHES, AND CHANNELS LEADING FROM THE SITE SHALL BE PROTECTED FROM SILTATION AND EROSION DURING CONSTRUCTION AND BE SODDED WITHIN THREE (3) DAYS OF EXCAVATION.
26. SOIL DISPLACED BY CONSTRUCTION WILL BE REMOVED. EROSION CONTROL SHALL BE IMPLEMENTED IN AREAS WHICH ARE CONSIDERED ENVIRONMENTALLY SENSITIVE. EROSION CONTROL SYSTEMS SHALL BE REQUIRED FOR ALL WORK WITHIN JURISDICTIONAL AREAS. THESE SYSTEMS MAY INCLUDE STAKED HAY BALES, SILT SCREENS, FILTER FABRIC, AND TURBIDITY SCREENS.
27. ALL EROSION AND POLLUTION CONTROL DEVICES SHALL BE CHECKED REGULARLY, ESPECIALLY AFTER EACH RAINFALL AND SHALL BE CLEANED OUT AND/OR REPAIRED AS REQUIRED.
28. THE CONTRACTOR SHALL NOT ENTER UPON OR IN ANY WAY ALTER WETLAND AREAS THAT MAY BE ON OR NEAR THE CONSTRUCTION SITE. ALL WORK IN THE VICINITY OF OPEN WATER AND/OR WETLANDS IS TO BE PERFORMED IN COMPLIANCE WITH THE ENVIRONMENTAL REGULATIONS AND/OR PERMITS FOR THE SITE. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY FINES RESULTING FROM HIS VIOLATION OF ANY REGULATIONS OR PERMIT CONDITIONS.

RIGHT-OF-WAY NOTES

29. ALL CONSTRUCTION ACTIVITIES SHALL BE LIMITED TO WITHIN THE MANATEE COUNTY/FDOT RIGHT-OF-WAY AND/OR EASEMENTS SHOWN ON THE DRAWINGS.
30. THE CONTRACTOR SHALL EMPLOY A LAND SURVEYOR REGISTERED IN THE STATE OF FLORIDA TO REFERENCE AND RESTORE PROPERTY CORNER MONUMENTS, PINS, AND LANDMARKS THAT MAY BE DISTURBED BY CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER.
31. THE CONTRACTOR, PRIOR TO CONSTRUCTION AND RESTRICTING ANY TRAFFIC, MUST OBTAIN A RIGHTS-OF-WAY USE PERMIT AND A TRAFFIC CONTROL PLAN. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS FROM OTHER GOVERNMENTAL AGENCIES HAVING RELEVANT JURISDICTION. ALL MAINTENANCE AND PROTECTION OF TRAFFIC SHALL BE IN ACCORDANCE WITH THE APPLICABLE REQUIREMENTS OF THE CURRENT FLORIDA DEPARTMENT OF TRANSPORTATION "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD). A TRAFFIC CONTROL PLAN SHALL BE SUPPLIED BY THE CONTRACTOR AT THE PRE-CONSTRUCTION MEETING.
32. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING ALL DAMAGED STORM WATER STRUCTURES, PIPING, ENTRANCE PIPE AND HEADWALLS, THAT ARE TO REMAIN, WHETHER SHOWN ON THE PLANS OR NOT.
33. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ESTABLISH IN THE FIELD THE RIGHT-OF-WAY LINES, BASE LINES, BENCH MARKS (ELEV.), CENTER LINES, AND STATIONING AS REQUIRED TO CONSTRUCT THIS PROJECT.
34. THE CONTRACTOR SHALL COORDINATE THE CUTTING OF DRIVEWAYS WITH THE PROPERTY OWNER PRIOR TO CUT. ALL DRIVEWAYS WILL BE IN PASSABLE CONDITION AT THE END OF THE WORK DAY AND FULLY RESTORED PER PLAN. THE CONTRACTOR SHALL COORDINATE WITH THE AFFECTED UTILITY COMPANY FOR THE ADJUSTMENT OF ANY EXISTING UTILITIES AND STRUCTURES IN ORDER TO MATCH THE PROPOSED ELEVATIONS AND ALIGNMENTS.
35. A RIGHT OF ENTRY AGREEMENT SHALL BE OBTAINED BY THE PROJECT MANAGER FROM THE PROPERTY OWNER BEFORE ANY DRIVEWAY CONSTRUCTION WORK IS DONE OUTSIDE OF THE RIGHT-OF-WAY OR EASEMENT.

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NO.	DESCRIPTION	DATE	BY				GENERAL NOTES (1)	5
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UTILITIES NOTES

- 36. LOCATIONS, ELEVATIONS AND DIMENSIONS OF EXISTING UTILITIES, STRUCTURES AND OTHER FEATURES ARE SHOWN TO THE BEST INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF THESE PLANS BUT DO NOT PURPORT TO BE ABSOLUTELY CORRECT. THERE MAY BE OTHER IMPROVEMENTS, UTILITIES, ETC. WHICH ARE WITHIN THE PROJECT AREA AND WHICH HAVE NOT BEEN LOCATED OR IDENTIFIED, MAY NOT BE IN THE EXACT LOCATION SHOWN OR RELOCATED SINCE THE PREPARATION OF THESE PLANS. THE CONTRACTOR SHALL VERIFY, PRIOR TO CONSTRUCTION, THE LOCATIONS, ELEVATIONS AND DIMENSIONS OF ALL EXISTING UTILITIES STRUCTURES AND OTHER FEATURES (WHETHER OR NOT SHOWN ON THE PLANS) THAT MAY AFFECT HIS WORK. ALL EXISTING UTILITIES TO BE EXTENDED, CROSSED OR CONNECTION POINTS SHALL BE EXPOSED PRIOR TO CONSTRUCTION TO VERIFY LOCATION AND ELEVATION. ANY DISCREPANCIES OR CONFLICTS FOUND SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION FOR RESOLUTION. UTILITIES DESIGNATED VV, VH, AND VVH ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.
- 37. THE CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES, WATER AND SEWER LINES, STORM DRAINS, UTILITIES, DRIVEWAYS, SIDEWALKS, SIGNS, MAIL BOXES, FENCES, TREES, LANDSCAPING, AND ANY OTHER IMPROVEMENT OR FACILITY IN THE CONSTRUCTION AREA. THE CONTRACTOR SHALL REPAIR AND/OR REPLACE ANY DAMAGED ITEM DUE TO HIS CONSTRUCTION ACTIVITIES TO EQUAL OR BETTER THAN PRE-CONSTRUCTION CONDITIONS AT NO ADDITIONAL COST TO THE OWNER.
- 38. THE CONTRACTOR SHALL USE APPROPRIATE TECHNIQUES, AS APPROVED, RECOMMENDED OR OFFERED BY FLORIDA POWER AND LIGHT TO PREVENT UNDERMINING OF POWER POLES DURING CONSTRUCTION. IF HOLDING OF POWER POLES IS RECOMMENDED OR REQUIRED BY THE UTILITY, THE CONTRACTOR SHALL COORDINATE THIS ACTIVITY WITH THE UTILITY AND BEAR ALL RELATED COSTS.
- 39. EXCEPT WHERE THE PLANS AND SPECIFICATIONS PROVIDE THAT SUCH WORK SHALL BE PERFORMED UNDER THE CONTRACT FOR THIS PROJECT, ALL UTILITIES INTERFERING WITH CONSTRUCTION SHALL BE REMOVED, RELOCATED OR ADJUSTED BY THEIR OWNERS, AT THEIR EXPENSE. THE CONTRACTOR SHALL ARRANGE HIS SCHEDULE TO ALLOW UTILITY OWNERS TIME FOR THE NECESSARY RELOCATION AND ADJUSTMENT OF UTILITIES AND RELATED STRUCTURES.
- 40. A FLORIDA POWER AND LIGHT SPECIAL PROVISION IS THAT THE TYPE OF EQUIPMENT USED IN THE INSTALLATION OF MAST ARMS/FOUNDATIONS, OVERHEAD/CANTILEVER SIGNS/ROUNDATIONS, AND THE MOVEMENT/INSTALLATION OF STRAIN POLES SHALL MEET THE FOLLOWING REQUIREMENTS: 1) OVERHEAD LINES SHALL STAY IN PLACE BOTH VERTICALLY AND HORIZONTALLY 2) CONTRACTOR SHALL MEET ALL APPLICABLE OSHA REQUIREMENTS (SEPARATION SHALL FOLLOW FPL GUIDELINES). ANY COST ASSOCIATED WITH THIS TYPE OF EQUIPMENT REQUIRED FOR THIS INSTALLATION IS INCLUDED IN THE RELATED PAY ITEMS. PLEASE REFER TO THE SPECIAL CONDITIONS IN THE UTILITY WORK SCHEDULE AND UTILITY COORDINATION.
- 41. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH ALL UTILITY COMPANIES FOR THE RELOCATION AND ADJUSTMENT OF ALL UTILITIES, INCLUDING, ANY EXISTING POWER POLES AND/OR UTILITY CONDUITS WITHIN RIGHT-OF-WAY.
- 42. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH THE APPROPRIATE PARTIES TO DETERMINE THE COUNTY'S FIBER COMMUNICATION NETWORK, KNOWN AS ATMS (COUNTY ISD, SCHOOL BOARD, AND TRAFFIC MANAGEMENT CENTER) IN THE AREA TO ACCOMMODATE ANY POTENTIAL CONFLICTS. AS-BUILT INFORMATION FOR EXISTING COMMUNICATION CONDUIT AND FIBER IS AVAILABLE FROM FRANK CONETTA, WITH UTILITY RECORDS (941-792-8811 EXT. 5027).
- 43. ALL POTABLE WATER, RECLAIMED WATER, SEWER VALVES, AND MANHOLES SHALL BE UP TO GRADE AND ACCESSIBLE BEFORE, DURING, AND AFTER THE PROJECT IS COMPLETE.

DRAINAGE AND GRADING NOTES

- 44. THE CONTRACTOR IS TO PROVIDE THE ENGINEER OF RECORD WITH REPRODUCIBLE RECORD DRAWINGS SHOWING ALL IMPROVEMENT LOCATIONS AND ELEVATIONS IN ACCORDANCE WITH LATEST MANATEE COUNTY TRANSPORTATION DEPARTMENT STANDARDS AND SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT (SWFWMD) STANDARDS. THE CONTRACTOR SHALL ALSO PROVIDE FIVE SETS OF PRINTS, SIGNED AND SEALED BY A PROFESSIONAL LAND SURVEYOR, OF THE RECORD DRAWINGS TO THE ENGINEER OF RECORD. THESE RECORD DRAWINGS SHALL BE CERTIFIED TO THE OWNER, APPROPRIATE GOVERNMENTAL AGENCIES. RECORD DRAWINGS SHALL SPECIFICALLY INCLUDE STORMWATER FACILITY LOCATIONS, INCLUDING TOP OF BANK, UNDERDRAIN AND CONTROL STRUCTURES, SHALL BE PERFORMED BY A REGISTERED LAND SURVEYOR AND REVIEWED BY THE ENGINEER OF RECORD PRIOR TO ACCEPTANCE AND PAYMENT. BENCH MARKS WITH THE ELEVATION CLEARLY AND PERMANENTLY MARKED ARE TO BE PLACED ON THE TOP OF ALL PROPOSED OUTFALL CONTROL STRUCTURES. RECORD DRAWINGS OF ALL MITIGATION AREAS INCLUDING ELEVATIONS, ZONES AND LIMITS SHALL BE PERFORMED BY A REGISTERED LAND SURVEYOR AND REVIEWED BY THE ENGINEER OF RECORD PRIOR TO ACCEPTANCE AND PAYMENT. THE RECORD DRAWINGS SHALL SPECIFICALLY INCLUDE THE SURFACE AREA OF STORMWATER FACILITY AREAS AT NORMAL WATER, TOP OF BANK AND ELEVATION (NWL25), AT HIGH WATER ELEVATION (HWL ALL MITIGATION AND/OR LITTORAL SHELF AREAS).
- 45. TO PREVENT SEDIMENTARY RUNOFF DURING CONSTRUCTION, STAKED HAY BALES, STAKED SILT SCREENS OR INLET DEBRIS CONTROL SCREENS ARE TO BE PLACED AT STORM INLETS, OUTFALL LOCATIONS AND ADJACENT PROPERTY LINES AS REQUIRED PRIOR TO ANY CONSTRUCTION ACTIVITIES. SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSTALLED AND THEN VERIFIED/INSPECTED BY MANATEE COUNTY INFRASTRUCTURE INSPECTIONS RESOURCES DIVISION (708-7450) PRIOR TO COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE SEDIMENTATION BARRIERS IN A WORKING MANNER FOR THE DURATION OF CONSTRUCTION AND SHOULD BE CHECKED DAILY. SILTATION ACCUMULATIONS GREATER THAN THE LESSER OF 12 INCHES OR ONE-HALF OF THE DEPTH OF THE SEDIMENTATION BARRIER SHALL BE IMMEDIATELY REMOVED AND REPLACED IN UPLAND AREAS. IN ADDITION TO SPECIFIED EROSION CONTROL LOCATIONS, THE CONTRACTOR SHALL PERFORM DAILY SITE INSPECTIONS FOR POTENTIAL EROSION PROBLEMS. IF PROBLEMS OCCUR, THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING APPROPRIATE EROSION CONTROL IMMEDIATELY. AN INSPECTION LOG SHALL BE MAINTAINED AND AVAILABLE ONSITE AT ALL TIMES. STORMWATER TREATMENT FACILITIES INCLUDING OUTFALL PER DETAIL ARE TO BE CONSTRUCTED EARLY IN SITE DEVELOPMENT, WITH NO OFF- SITE UNTREATED RUN-OFF OCCURRING DURING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING TEMPORARY EROSION CONTROL DEVICES FOLLOWING COMPLETION OF ALL CONSTRUCTION AND FINAL STABILIZATION.

- 46. ALL CONSTRUCTION IS TO BE STAKED IN THE FIELD BY OR UNDER THE SUPERVISION OF A FLORIDA REGISTERED LAND SURVEYOR.
- 47. ALL PIPE LENGTHS SHOWN ON PLAN VIEW ARE TO THE END OF THE MITERED END SECTION. REFER TO MITERED END SECTION DETAIL FOR LENGTH OF PIPE TO BE INCLUDED IN PRICE FOR MITERED END SECTION.
- 48. TOPOGRAPHIC AND PROPERTY SURVEYS GIVING LOT SIZE, GROUND ELEVATIONS, OBSTRUCTIONS ON SITE, LOCATIONS AND DEPTHS OF SEWERS, CONDUITS, PIPES, EXISTING STRUCTURES, CURBS, PAVEMENTS, TRACTS, AND SOIL BORING DATA GIVING THE NATURE OF GROUND AND SUBSURFACE CONDITIONS HAVE BEEN OBTAINED FROM RELIABLE SOURCES. THE ACCURACY OF THIS DATA IS NOT GUARANTEED, AND IS FURNISHED SOLELY AS AN ACCOMMODATION TO THE CONTRACTOR. USE OF THIS DATA SHALL BE MADE AT THE CONTRACTOR'S DISCRETION. NO ADDITIONAL COMPENSATION WILL BE GRANTED DUE TO THE CONTRACTOR'S LACK OF KNOWLEDGE OF SITE CONDITIONS. PRIOR TO BID SUBMISSION, THE CONTRACTOR SHALL CONDUCT ANY ADDITIONAL SURVEYS AND SOILS TESTS HE MAY DEEM NECESSARY TO VERIFY THE ACCURACY OF THE INFORMATION PROVIDED.
- 49. THE CONTRACTOR SHALL VERIFY TOPOGRAPHY AND SATISFY HIMSELF AS TO THE EXTENT OF FILL NECESSARY TO ACHIEVE FINISHED GRADE PRIOR TO AWARD OF CONTRACT. THERE SHALL BE NO CLAIM FOR EXTRAS NOTWITHSTANDING SITE PLAN REVISIONS PROMULGATED SUBSEQUENT TO AWARD OF CONTRACT.
- 50. ROADSIDE UNDERDRAIN SHOWN ON PLAN IS MINIMUM AND EXTENSION SHALL BE REQUIRED AS DETERMINED NECESSARY BY THE ENGINEER OF RECORD AND/OR MCPWD INSPECTION DEPARTMENT DURING THE COURSE OF CONSTRUCTION.
- 51. SUITABLE FILL MATERIAL FROM EXCAVATION SHALL BE UTILIZED FOR PROJECT FILL PER GRADING SPECIFICATIONS. UNSUITABLE MATERIAL SHALL BE PLACED IN OPEN AREAS ONLY AS DIRECTED BY THE PROJECT ENGINEER AND SOILS ENGINEER IN ACCORDANCE WITH FDOT INDEX 505.
- 52. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL STRUCTURES PRIOR TO INSTALLATIONS.
- 53. REFER TO CONSTRUCTION TECHNICAL SPECIFICATIONS FOR COMPACTION REQUIREMENTS, GRASSING/SODDING REQUIREMENTS, AND PAVING CONSTRUCTION MATERIAL SPECIFICATIONS.
- 54. ALL FILL AREAS ARE TO BE CONSTRUCTED IN 12" MAXIMUM LIFTS.
- 55. ON SLOPES GREATER THAN 3:1, PEGGING OR PINNING OF SOD MAY BE REQUIRED.
- 56. STATION LOCATIONS AND OFFSETS FOR STORM DRAIN INLETS AND MANHOLES REFERENCE THE CENTER OF THE SPECIFIED STRUCTURE BOTTOM. STATION LOCATION IS CENTER OF STRUCTURE BOTTOM FOR JUNCTION BOXES, CENTER OF RISER FOR CURB INLETS. FOR PIPES WITH MITERED END SECTIONS, THE PROPOSED LENGTHS SHOWN ON THE PLANS INCLUDE THE LENGTH OF THE MITERED END SECTION. PAYMENT FOR PIPE SHALL NOT INCLUDE THE LENGTH OF THE MITERED END SECTION. AS SPECIFIED BY DIMENSION "F" SHOWN IN FDOT INDEX 272 AND 273. PAYMENT SHALL BE FROM INSIDE STRUCTURE WALL TO INSIDE STRUCTURE WALL. ANY EXTRA PIPE LENGTH LISTED SHALL BE CONSIDERED CONTINGENT.
- 57. ALL CURB INLET AND JUNCTION BOX STORMWATER STRUCTURES SHALL HAVE HEAVY DUTY RING AND COVER MANHOLE ACCESS. ALL DRAINAGE BOX DETAIL SHALL FOLLOW MANATEE COUNTY CURRENT STANDARD 202 UNLESS IT IS DESIGNATED IN THE PLAN. ALL DRAINAGE BOXES SHALL HAVE A WALL THICKNESS OF 6" MINIMUM.
- 58. DURING DEWATERING OPERATIONS, THE CONTRACTOR SHALL NOT DISCHARGE DIRECTLY TO RECEIVING WATERS, EXISTING CONVEYANCES TO RECEIVING WATERS, OR WETLAND SYSTEMS. TEMPORARY SEDIMENT BASINS, TRAPS, OR SILTATION REDUCTION DEVICES SHALL BE UTILIZED TO COLLECT THE DISCHARGE FROM DEWATERING ACTIVITIES TO ELIMINATE THE POTENTIAL FOR OFFSITE SEDIMENT TRANSPORT AND TO ENSURE THAT DIRECT DISCHARGE DOES NOT OCCUR.
- 59. ALL PROPOSED STORM DRAIN PIPES WILL BE REINFORCED CONCRETE (RCP) CLASS II UNLESS OTHERWISE SPECIFIED.

RESTORATION NOTES

- 60. ALL RESTORATION WORK PERFORMED THROUGHOUT THE PROJECT SHALL CONFORM TO EXISTING LINES AND GRADES UNLESS SHOWN OTHERWISE.
- 61. ALL DISTURBED GRASSED AREAS SHALL BE SODDED. THE TYPE OF SOD USED TO REPLACE OWNER MAINTAINED AREAS IN RIGHT-OF-WAY SHALL BE COORDINATED WITH THE PROPERTY OWNER. ALL EXISTING SHRUBS, TREES, PLANTINGS AND OTHER VEGETATION, OUTSIDE OF RIGHT-OF-WAY DISTURBED DURING CONSTRUCTION SHALL BE REPLACED WITH EQUIVALENT MATERIAL BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- 62. CONCRETE DRIVEWAYS OR SIDEWALKS THAT ARE CUT SHALL BE RESTORED TO MATCH EXISTING ACCORDING TO THE CURRENT EDITIONS OF THE F.D.O.T. SPECIFICATIONS FOR ROAD AND BRIDGE DESIGN, SECTION 522, AND SECTION 310 OF THE F.D.O.T. DESIGN STANDARDS LATEST REVISION.
- 63. WHENEVER A PERMANENT ROADWAY SURFACE IS NOT PLACED IMMEDIATELY AFTER BACKFILLING AND COMPACTION OF THE NEWLY INSTALLED PIPE LINE IN AREAS WHERE TRAFFIC MUST PASS, THE CONTRACTOR SHALL INSTALL A TEMPORARY SURFACE CONSISTING OF NINE INCHES OF COMPACTED LIME ROCK BASE AND A COAT OF ASPHALT EMULSION. PERMANENT ROADWAY REPAIR SHALL BE PERFORMED A MAXIMUM OF TWENTY-ONE CALENDAR DAYS AFTER THE INITIAL OPEN CUTTING.
- 64. RESTORATION OF CURBS, DRIVEWAYS, SIDEWALKS, AND PLACEMENT OF SOD SHALL BE COMPLETED WITHIN FORTY-FIVE CALENDAR DAYS OF INITIAL DISTURBANCE, OR TWENTY-ONE CALENDAR DAYS OF SUBSTANTIAL COMPLETION, WHICHEVER OCCURS FIRST.

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NO.	DESCRIPTION	DATE	BY						
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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

CONSTRUCTION NOTES

- 65. THE EXHAUST SYSTEM OF ALL GASOLINE AND DIESEL ENGINES SHALL BE EQUIPPED WITH MUFFLERS THAT MEET THE EQUIPMENT MANUFACTURER'S REQUIREMENTS FOR NOISE SUPPRESSION. THE CONTRACTOR SHALL INSTALL NOISE ABATEMENT BARRIERS POSITIONED TO BREAK LINE-OF-SITE FROM THE NOISE SOURCE TO AFFECTED RESIDENCES, AS APPROVED BY THE ENGINEER.
- 66. NO MATERIAL SHALL BE STOCKPILED IN ROADWAYS. ALL DIRT AND DEBRIS SHALL BE REMOVED FROM THE JOB SITE DAILY. ROADS SHALL BE SWEEPED DAILY AS PART OF DAILY CLEAN UP.
- 67. THE CONTRACTOR IS TO CONTROL ALL FUGITIVE DUST ORIGINATING ON THIS PROJECT BY WATERING OR OTHER METHODS AS REQUIRED.
- 68. INGRESS AND EGRESS TO ALL THE PROPERTIES IN THE CONSTRUCTION AREA SHALL BE MAINTAINED AT ALL TIMES.
- 69. PRIOR APPROVAL WILL BE REQUIRED FOR REMOVAL OF ANY TREE WITHIN THE CONSTRUCTION AREA, UNLESS OTHERWISE NOTED ON THE PLANS.
- 70. THE CONTRACTOR SHALL PROVIDE ALL DEWATERING EQUIPMENT NECESSARY TO KEEP ALL EXCAVATIONS DRY. DEWATERING IS REQUIRED TO 18" BELOW TRENCH BOTTOM. THE CONTRACTOR SHALL SUBMIT DEWATERING PLAN TO SWFWMD FOR APPROVAL PRIOR TO CONSTRUCTION.
- 71. ALL PIPING AND FITTINGS USED ON THIS PROJECT SHALL BE AS NOTED ON THE PLANS AND IN THE CONTRACT DOCUMENT AND SHALL BE INSTALLED TO THE LINES AND GRADES SHOWN ON THE PLANS AND PROFILES.
- 72. ALL PIPE LENGTHS ARE PLUS OR MINUS AND MAY BE ADJUSTED IN THE FIELD AS REQUIRED. PIPE MEASUREMENTS AND STATION OFFSETS ARE TO CENTER OF STRUCTURES OR FITTINGS.
- 73. ALL ROCKS OR STONES LARGER THAN SIX INCH DIAMETER SHALL BE REMOVED FROM THE BACKFILL MATERIAL. BACKFILL MATERIAL PLACED WITHIN ONE FOOT OF PIPING AND APPURTENANCES SHALL NOT CONTAIN ANY STONES LARGER THAN TWO INCH DIAMETER.
- 74. ALL PENETRATION OF EXISTING STRUCTURES SHALL BE BY THE MECHANICAL ROTARY CORE BORING METHOD.
- 75. ALL CONCRETE AND REBAR PENETRATED OR DISTURBED SHALL BE COATED WITH TWO COATS OF EPOXY.
- 76. CONTRACTOR IS RESPONSIBLE FOR ALL UNSUITABLE MATERIAL REMOVAL IF FOUND WITHIN PROJECT LIMITS. EXCAVATION, EMBANKMENT, INCLUDING UTILIZATION, AND UNSUITABLE MATERIAL REMOVAL SHALL BE IN ACCORDANCE WITH FDOT DESIGN STANDARDS, LATEST VERSION. COST OF UNSUITABLE MATERIAL REMOVAL SHALL BE INCLUDED UNDER PAY ITEM 120-1, REGULAR EXCAVATION.
- 77. WHERE EXCAVATION IS REQUIRED FOR CONSTRUCTION OF SIDEWALK, ALL STUMPS, ROOTS, ETC. SHALL BE REMOVED COMPLETELY FROM THE SIDEWALK AREA. ALL STUMPS WITHIN THE PROJECT LIMITS SHALL BE REMOVED COMPLETELY AND REPLACED WITH COMPACTED BACKFILL BEFORE THE AREA IS FILLED. TREE ROOTS IN AREA OF PROPOSED SIDEWALK, RAMP, OR DRIVEWAY REPLACEMENT SHALL BE GROUND OUT TO A DEPTH OF 6" BELOW BOTTOM OF NEW SIDEWALK OR DRIVEWAY. ALL PRUNED ROOT DEBRIS SHALL BE REMOVED FROM THE SUB-BASE MATERIAL PRIOR TO POURING CONCRETE, ASPHALT, OR APPLICATION OF OTHER SPECIFIED MATERIALS. THIS WORK SHALL BE INCLUDED IN AND PAID FOR UNDER THE PAY ITEM FOR CLEARING AND GRUBBING.
- 78. ALL STUMPS, ROOTS, AND OTHER DEBRIS PROJECTING THROUGH OR APPEARING ON THE SURFACE OF THE GROUND SHALL BE REMOVED TO A DEPTH OF 1-FOOT BELOW THE COMPLETED SURFACE. THIS WORK SHALL BE INCLUDED IN AND PAID FOR UNDER THE PAY ITEM FOR CLEARING AND GRUBBING.
- 79. ALL MATERIALS NOT CLAIMED BY THE COUNTY SHALL BECOME PROPERTY OF THE CONTRACTOR, AND SHALL BE DISPOSED OF BY THE CONTRACTOR IN AREAS PROVIDED BY THE CONTRACTOR. THIS WORK SHALL BE INCLUDED IN AND PAID UNDER THE PAY ITEM CLEARING AND GRUBBING.
- 80. THE CONTRACTOR SHALL PROVIDE ALL SHEETING, SHORING, AND BRACING REQUIRED TO PROTECT ADJACENT STRUCTURES OR TO MINIMIZE TRENCH WIDTH. WHERE A SEPARATE PAY ITEM IS NOT PROVIDED, THE COST OF ALL SHEETING, SHORING, AND BRACING REQUIRED SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE ITEM OF WORK FOR WHICH SHEETING, SHORING, AND BRACING IS REQUIRED.
- 81. THE CONTRACTOR SHALL DISTURB NO MORE GROUND THAN WHAT IS NECESSARY FOR CONSTRUCTION. NO OPEN EXCAVATED TRENCH, OR OTHER UNSAFE CONDITION WILL BE LEFT OVERNIGHT. ALL WORK SITES WILL BE COMPLETELY RESTORED WITHIN SEVEN (7) CALENDAR DAYS OF THE CONCRETE POUR FOR SIDEWALK. THE INTENT OF THIS PROVISION IS TO "SAFE-UP" THE PROJECT SITE AS WORK PROGRESSES, AND SHALL INCLUDE REMOVING FORMS, FILLING HOLES, GRADING, AND REMOVAL OF DEBRIS.
- 82. ALL EXISTING SIGNS WITHIN THE PROJECT LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED IN THE PLANS, OR AS DIRECTED BY THE ENGINEER.
- 83. ANY EXISTING SIGN TO REMAIN THAT IS DISTURBED OR RELOCATED DURING CONSTRUCTION SHALL BE RESET TO CURRENT STANDARDS FOR HEIGHT, OFFSET, AND METHOD OF INSTALLATION AT NO ADDITIONAL COST TO THE COUNTY.
- 84. ALL EXISTING SWALES NOT DESIGNATED FOR RECONSTRUCTION SHALL BE REGRADED TO PROMOTE POSITIVE DRAINAGE AND MATCH PROPOSED CENTERLINE SWALE ELEVATION AND ALIGNMENT.
- 85. ALL STORM DRAINS AND STRUCTURES TO REMAIN SHALL BE CLEANED OF DEBRIS, DIRT, VEGETATION AND OTHER MATERIAL. STORM SEWER INLETS SHALL BE MODIFIED (RAISED/LOWERED) TO MATCH PROPOSED FINISHED GRADE.
- 86. ALL EXISTING TREES LOCATED WITHIN CONSTRUCTION LIMITS OR CLEAR ZONE SHALL REMAIN, UNLESS OTHERWISE NOTED.

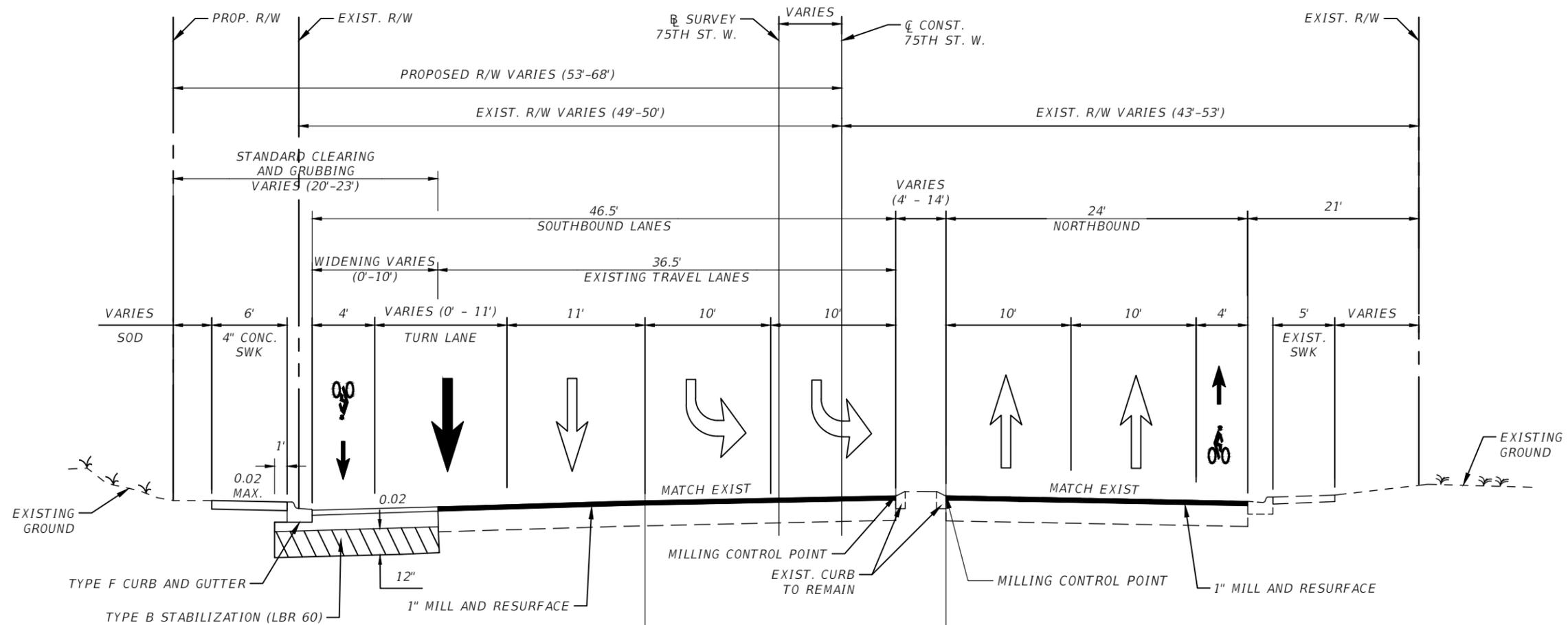
- 87. ALL EXISTING FENCES DISTURBED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED AND REINSTALLED BY THE CONTRACTOR AT NO ADDITIONAL COST.
- 88. THE EXISTING STORM DRAINAGE STRUCTURES SHALL REMAIN, UNLESS OTHERWISE NOTED.
- 89. REMOVE AND REPLACE BASE AND SUB-BASE ACCORDING TO FDOT STANDARDS.
- 90. EXISTING TREES SHALL BE TRIMMED IF ADJACENT TO PROPOSED LIGHT POLES. THIS WORK SHALL BE INCLUDED IN AND PAID FOR UNDER THE PAY ITEM FOR CLEARING AND GRUBBING.
- 91. EXISTING VALVES AND MANHOLES WITHIN THE PROJECT LIMITS SHALL REMAIN OPERATIONAL DURING CONSTRUCTION AND ADJUSTED TO FINAL GRADE.

SIGNING AND PAVEMENT MARKING NOTES

- 92. ALL EXISTING SIGNAGE IS TO REMAIN UNLESS OTHERWISE NOTED IN PLANS.
- 93. ALL SIGN LOCATIONS AS SHOWN ARE APPROXIMATE AND MAY REQUIRE ADJUSTMENT AS DIRECTED BY THE ENGINEER.
- 94. ANY EXISTING SIGNS TO REMAIN THAT ARE DISTURBED DURING CONSTRUCTION OR RELOCATED SHALL BE RESET TO CURRENT STANDARDS FOR HEIGHT, OFFSET, AND METHOD OF INSTALLATION.
- 95. ALL EXISTING SIGNS SHALL BE CLEARED OF ALL VEGETATION WHICH IMPEDES VISIBILITY OF SIGN.
- 96. ANY NEW INSTALLATION OF PAVEMENT MARKINGS SHALL BE STANDARD THERMOPLASTIC UNLESS OTHERWISE NOTED. PREFORMED THERMOPLASTIC SHALL BE USED FOR SPECIAL EMPHASIS CROSSWALK MARKINGS (24" LINES ONLY) AND BIKE LANE MARKINGS (SYMBOL AND ARROW).
- 97. REMOVAL OF EXISTING MARKINGS SHALL BE DONE BY HYDRO-BLASTING OR MICRO-GRINDING AS APPROVED BY THE ENGINEER.
- 98. ALL SIGNAGE AND STRIPING TO COMPLY WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- 99. ALL PROPOSED CROSSWALKS SHALL BE AS NOTED IN PLANS AND SHALL COMPLY WITH FDOT STANDARD PLANS, INDEX 711-001 AND INDEX 522-002. SIDE STREET CROSSWALKS SHALL BE 6' WIDE AND 12' WIDE FOR THE TRAIL AND SIGNALIZED INTERSECTION CROSSWALKS SHALL BE 10' WIDE MEASURED BETWEEN THE TRANSVERSE CROSSWALK MARKINGS. THE 24" THERMOPLASTIC MARKINGS AT THE SIGNAL CROSSWALKS SHALL BE PREFORMED.
- 100. ALL SCHOOL SIGNS AND SUPPLEMENTAL PANELS SHALL BE RETRO-REFLECTIVE FLUORESCENT YELLOW-GREEN.

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NO.	DESCRIPTION	DATE	BY				GENERAL NOTES (3)	7
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TYPICAL SECTION NO. 1
75TH STREET WEST
STA. 151+61.48
TO STA. 159+41.24

WIDENING
 OPTIONAL BASE GROUP 9 (10") WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC C) (2") (PG 76-22)
 FRICTION COURSE FC-9.5 (TRAFFIC C) (1") (PG 76-22)

MILLING AND RESURFACING
 MILL EXISTING ASPHALT PAVEMENT (1" AVG. DEPTH)
 FRICTION COURSE FC-9.5 (TRAFFIC C) (1") (PG 76-22)

TRAFFIC DATA

CURRENT YEAR	= 2022 AADT = 12,500
ESTIMATED OPENING YEAR	= 2025 AADT = 12,700
ESTIMATED DESIGN YEAR	= 2045 AADT = 13,900
DESIGN SPEED	= 40 MPH
POSTED SPEED	= 40 MPH
ROADWAY CLASSIFICATION:	MINOR ARTERIAL

TRAFFIC SEPARATOR
 FDOT INDEX NO. 520-020 (OPT 1)
 (VARIABLE WIDTH)

TYPICAL SECTION DETAIL "A"
STA. 155+70.30 TO STA. 158+26.76

REVISIONS			
NO.	DESCRIPTION	DATE	BY



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MANATEE COUNTY
PUBLIC WORKS
 COUNTY PROJECT NO:
 6108261

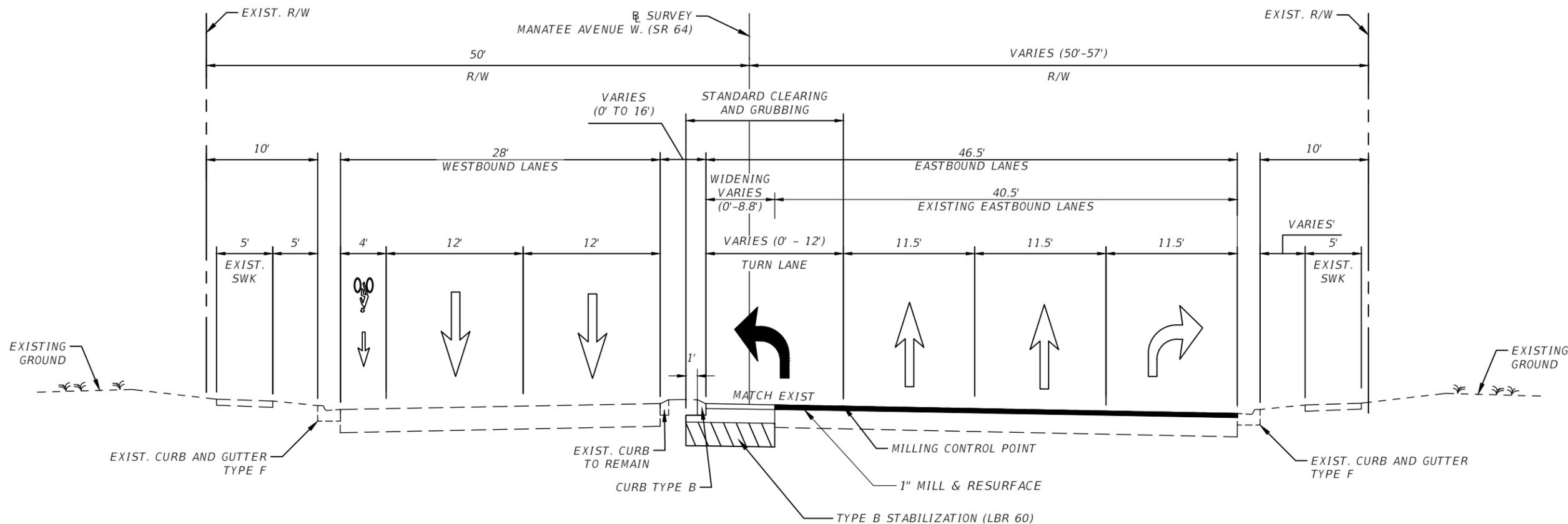
INTERSECTION IMPROVEMENTS AT 75TH STREET WEST
 AND MANATEE AVENUE W. (SR 64)

TYPICAL SECTION (1)

SHEET NO.

8

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TYPICAL SECTION NO. 2
MANATEE AVENUE WEST (SR 64)
STA. 320+47.85 TO STA. 325+73.44

WIDENING

OPTIONAL BASE GROUP 9 (10") WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC C) (2") (PG 76-22)
 FRICTION COURSE FC-9.5 (TRAFFIC C) (1") (PG 76-22)

MILLING AND RESURFACING

MILL EXISTING ASPHALT PAVEMENT (1" AVG. DEPTH)
 FRICTION COURSE FC-9.5 (TRAFFIC C) (1") (PG 76-22)

TRAFFIC DATA

CURRENT YEAR = 2022 AADT = 18,000
 ESTIMATED OPENING YEAR = 2025 AADT = 18,300
 ESTIMATED DESIGN YEAR = 2045 AADT = 20,100
 DESIGN SPEED = 45 MPH
 POSTED SPEED = 45 MPH
 ROADWAY CLASSIFICATION: PRINCIPAL ARTERIAL

REVISIONS			
NO.	DESCRIPTION	DATE	BY



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MANATEE COUNTY
PUBLIC WORKS
 COUNTY PROJECT NO:
 6108261

INTERSECTION IMPROVEMENTS AT 75TH STREET WEST
 AND MANATEE AVENUE W. (SR 64)

TYPICAL SECTION (2)

SHEET NO.

9

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QTY.	STRUCT. NO.	STATION	SIDE	DESCRIPTION	BARRELS	STORM SEWER PIPE		CURB INLETS		REMARKS
						ROUND	ELLIP.	P-5	P-6	
						15"	12"x18'	<10	<10	
P	S-200	152+97.00	LT	Inlet, Pipe	1	15		1		
F										
P	S-201	158+10.00	LT	Inlet, Pipe	1		73		1	
F										
SHEET TOTALS				PLAN QUANTITY		15	73	1	1	
				FINAL QUANTITY						

REVISIONS			
NO.	DESCRIPTION	DATE	BY
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MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108261

INTERSECTION IMPROVEMENTS AT 75TH STREET WEST
AND MANATEE AVENUE W. (SR 64)
**SUMMARY OF DRAINAGE
STRUCTURES**

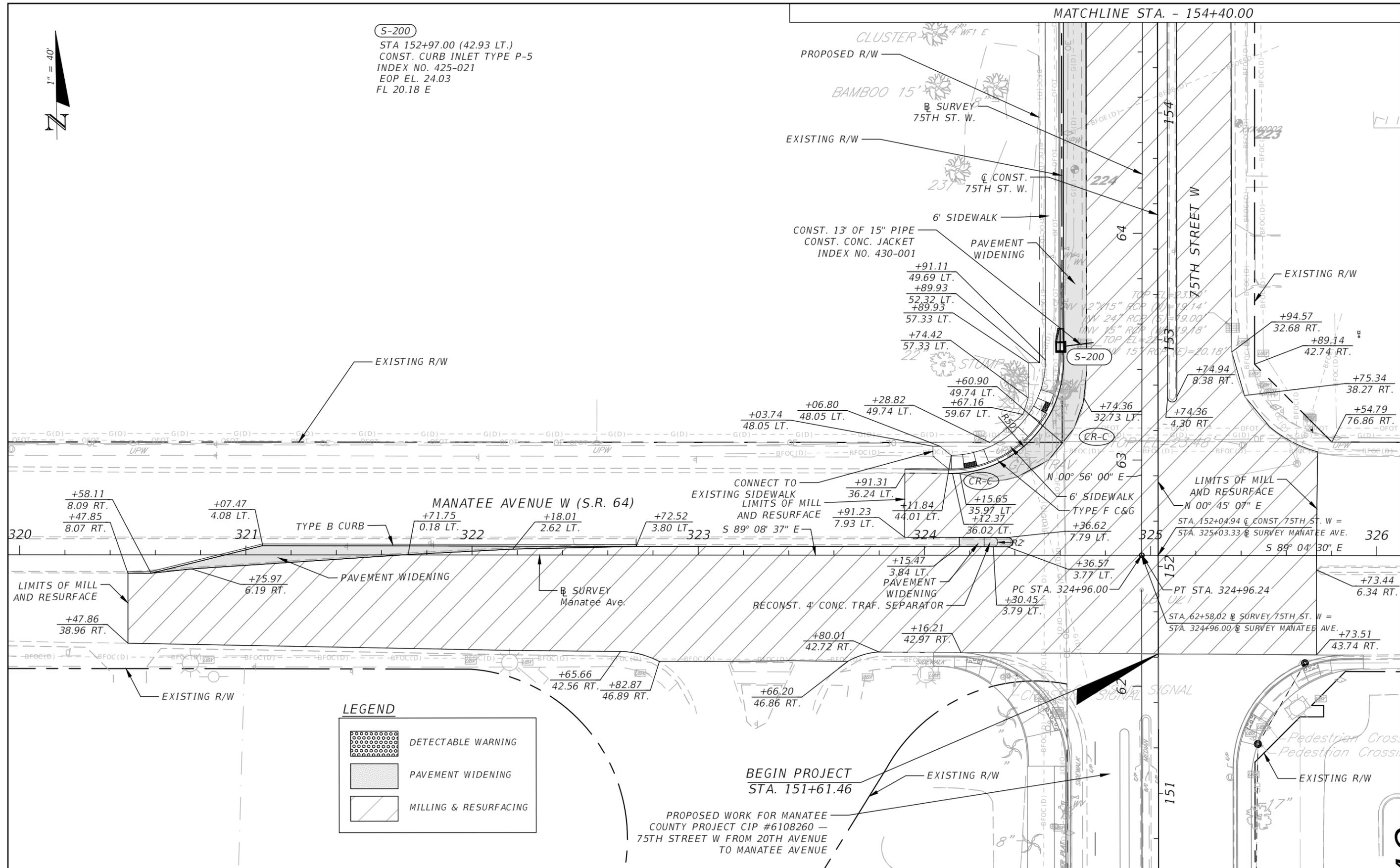
SHEET
NO.
10

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S-200
 STA 152+97.00 (42.93 LT.)
 CONST. CURB INLET TYPE P-5
 INDEX NO. 425-021
 EOP EL. 24.03
 FL 20.18 E

MATCHLINE STA. - 154+40.00



LEGEND

	DETECTABLE WARNING
	PAVEMENT WIDENING
	MILLING & RESURFACING

PROPOSED WORK FOR MANATEE COUNTY PROJECT CIP #6108260 - 75TH STREET W FROM 20TH AVENUE TO MANATEE AVENUE

REVISIONS			
NO.	DESCRIPTION	DATE	BY



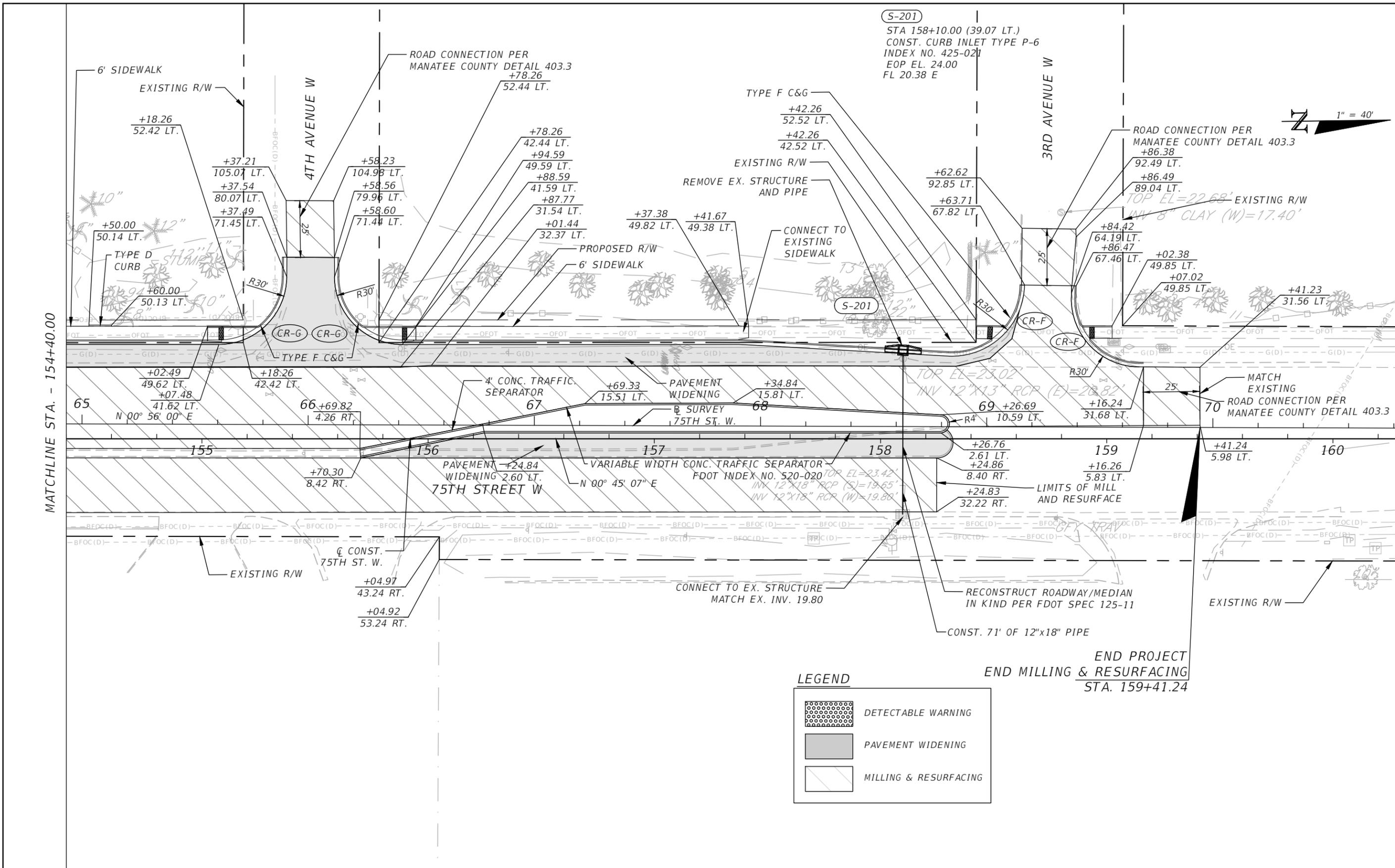
JEREMY FIORE RUNKLE, P.E.
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INTERSECTION IMPROVEMENTS AT 75TH STREET WEST AND MANATEE AVENUE W. (SR 64)
ROADWAY PLAN (1)

SHEET NO.
 11

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MATCHLINE STA. - 154+40.00

END PROJECT
END MILLING & RESURFACING
STA. 159+41.24

LEGEND

- DETECTABLE WARNING
- PAVEMENT WIDENING
- MILLING & RESURFACING

REVISIONS			
NO.	DESCRIPTION	DATE	BY



JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
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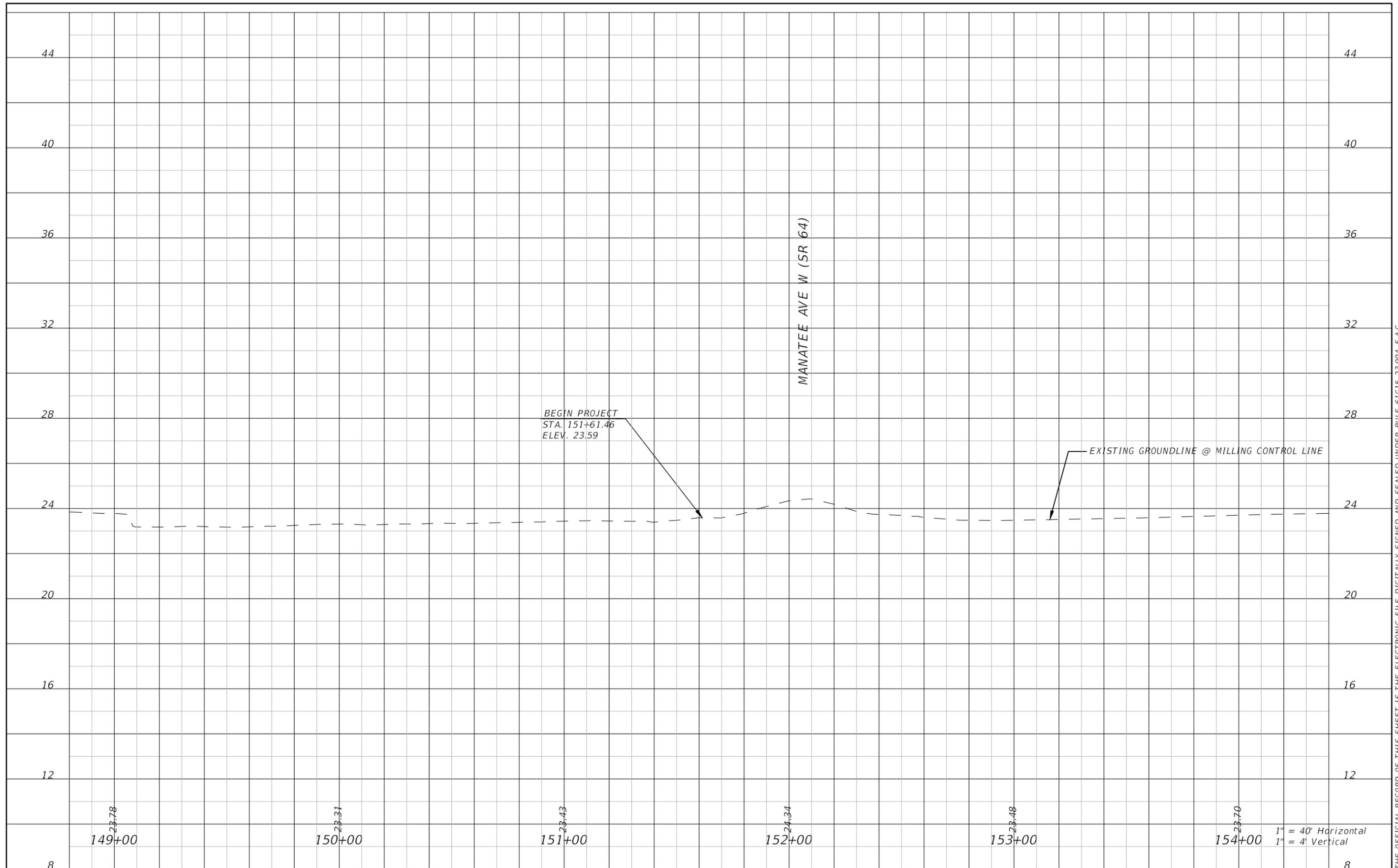
INTERSECTION IMPROVEMENTS AT 75TH STREET WEST
AND MANATEE AVENUE W. (SR 64)

ROADWAY PLAN (2)

SHEET
NO.

12

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NO.	DESCRIPTION	DATE	BY



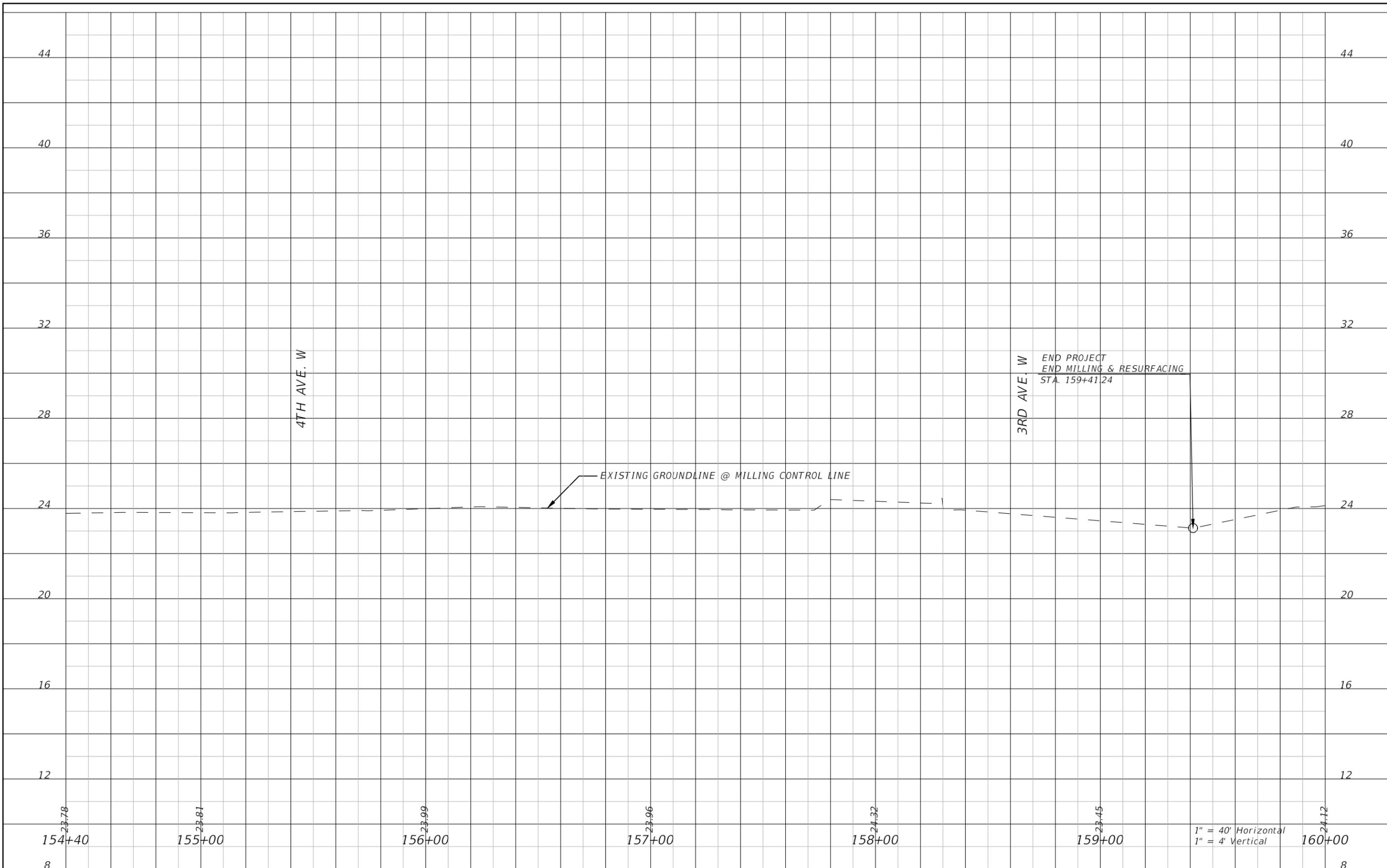
JEREMY FIORE RUNKLE, P.E.
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MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108261

INTERSECTION IMPROVEMENTS AT 75TH STREET WEST
AND MANATEE AVENUE W. (SR 64)
ROADWAY PROFILE
(75TH ST. W.) (1)

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.

NO.	DESCRIPTION	DATE	BY



JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727)531-3505

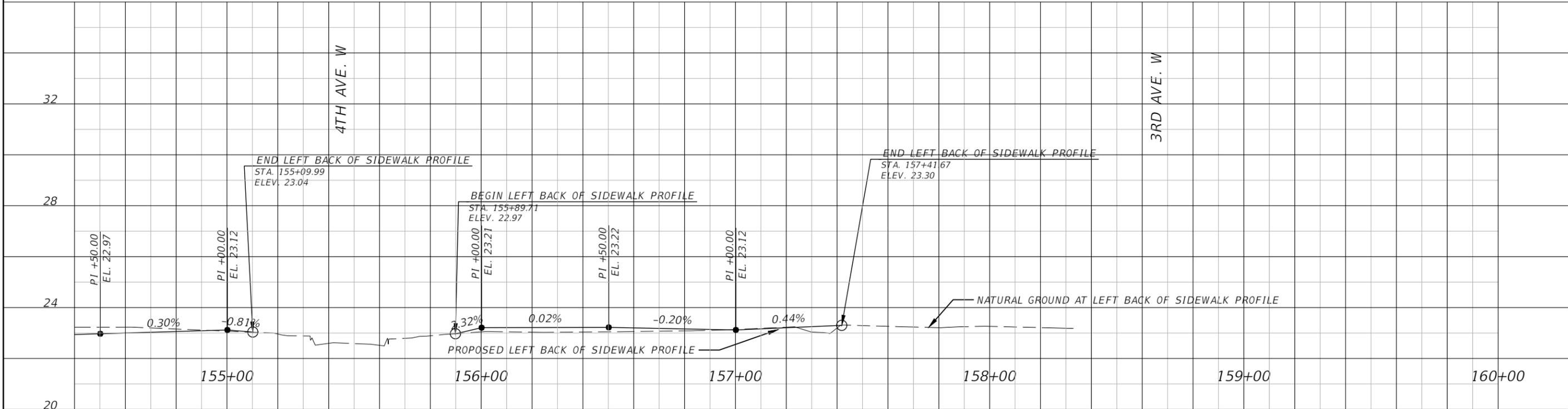
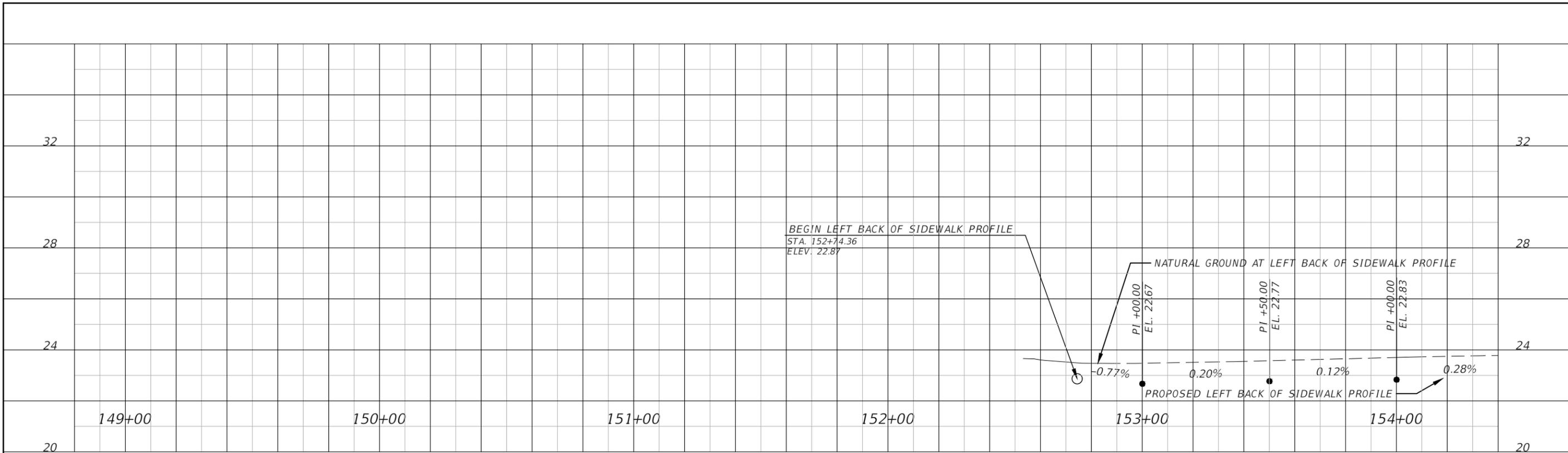


MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108261

INTERSECTION IMPROVEMENTS AT 75TH STREET WEST
AND MANATEE AVENUE W. (SR 64)
ROADWAY PROFILE
(75TH ST. W.) (2)

SHEET NO.
14

1" = 40' Horizontal
1" = 4' Vertical



1" = 40' Horizontal
1" = 4' Vertical

REVISIONS			
NO.	DESCRIPTION	DATE	BY
----	----		



JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
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SUITE 300
CLEARWATER, FLORIDA, 33759
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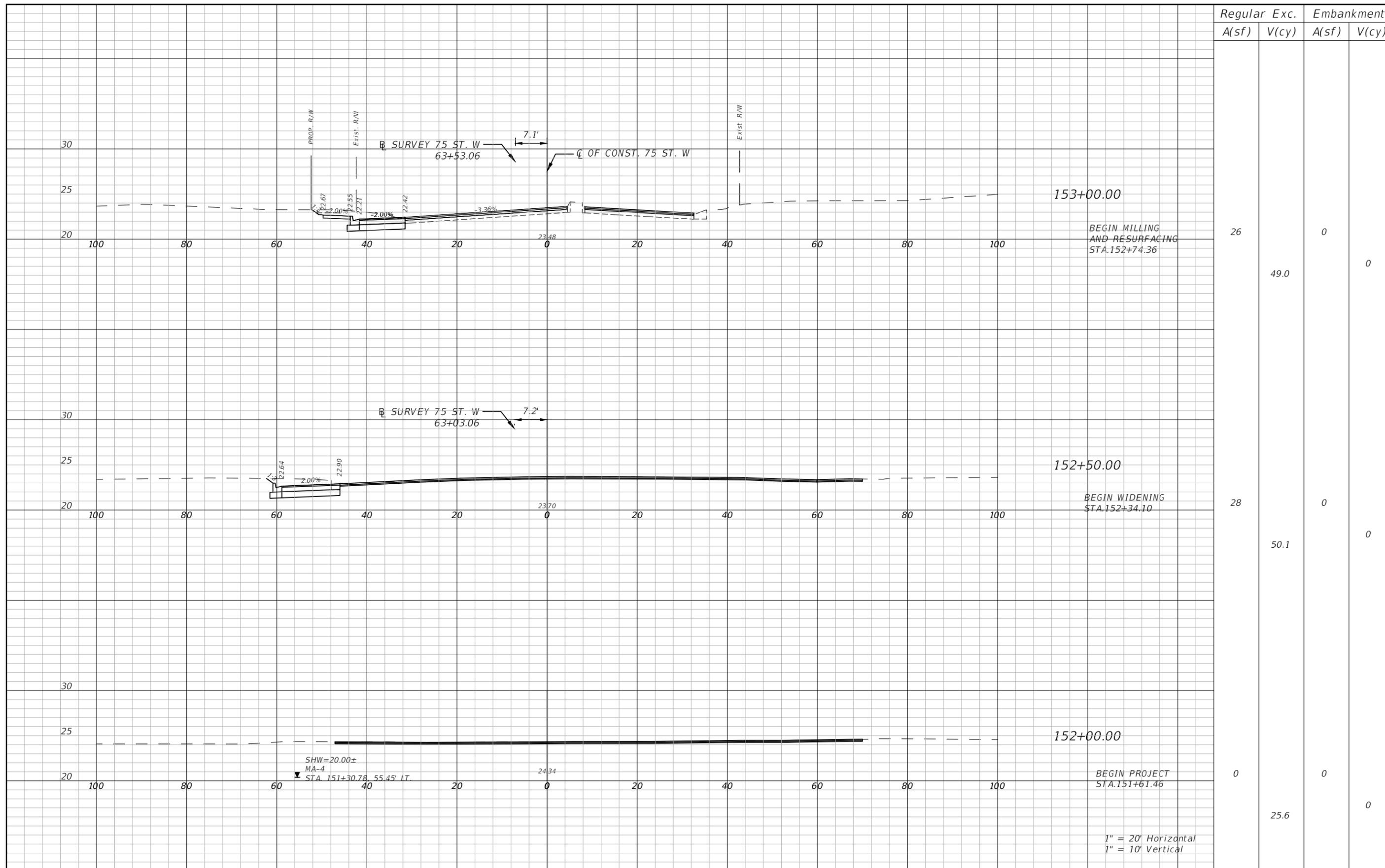


MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108261

INTERSECTION IMPROVEMENTS AT 75TH STREET WEST
AND MANATEE AVENUE W. (SR 64)
BACK OF SIDEWALK PROFILE
(75TH ST. W.)

SHEET NO.
15

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Regular	Exc.	Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
26	49.0	0	0
28	50.1	0	0
0	25.6	0	0

REVISIONS			
NO.	DESCRIPTION	DATE	BY



JEREMY FIORE RUNKLE, P.E.
 P.E. LICENSE NUMBER 73855
 380 PARK PLACE BOULEVARD
 SUITE 300
 CLEARWATER, FLORIDA, 33759
 (727) 531-3505

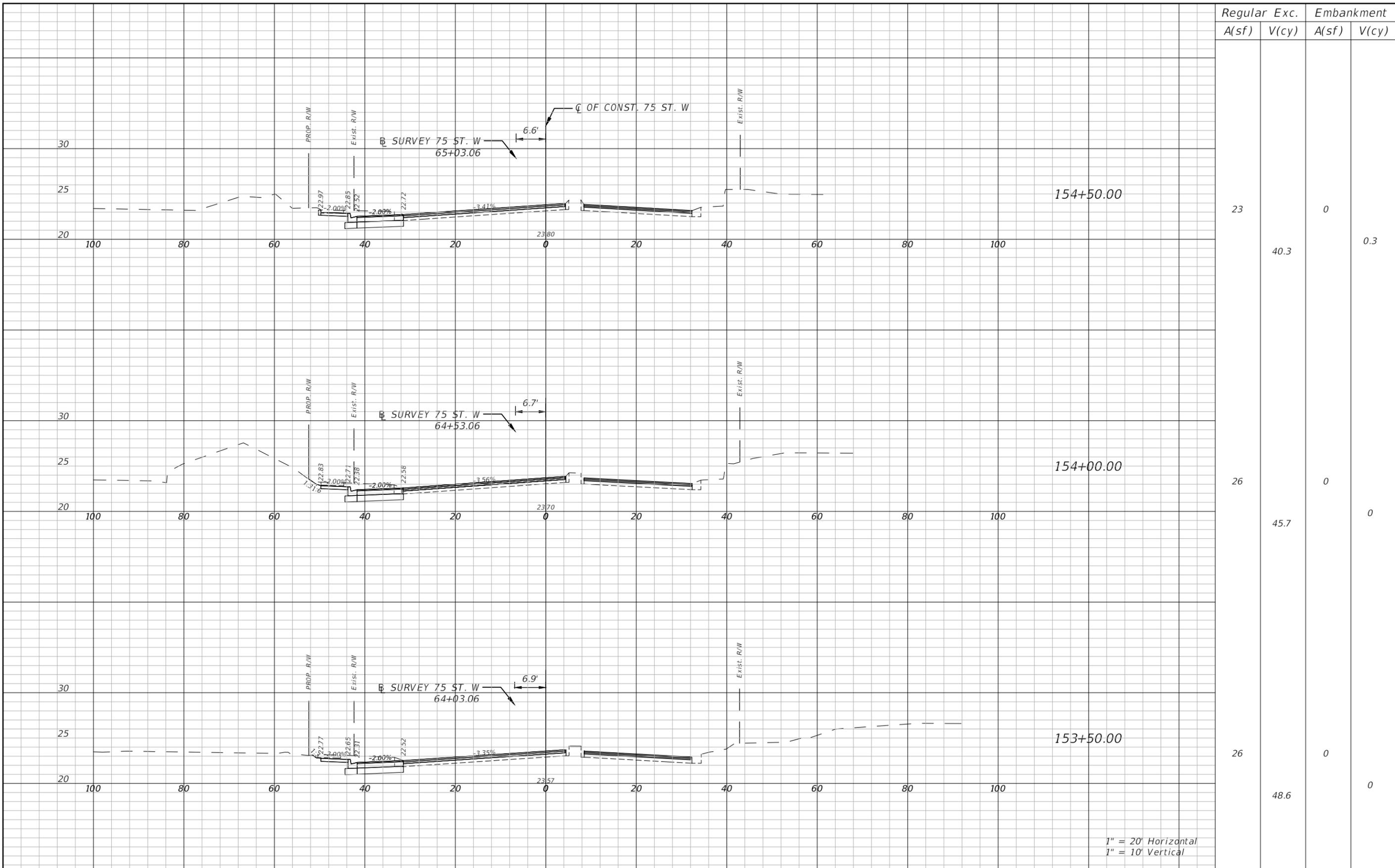


MANATEE COUNTY
 PUBLIC WORKS
 COUNTY PROJECT NO:
 6108261

INTERSECTION IMPROVEMENTS AT 75TH STREET WEST
 AND MANATEE AVENUE W. (SR 64)
ROADWAY CROSS-SECTIONS
(75TH ST. W.) (1)

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.

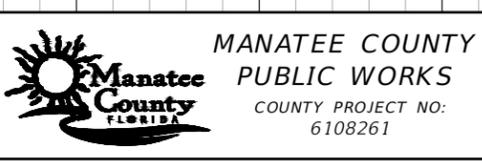


Station	Regular		Exc.		Embankment	
	A(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)
154+50.00	23	40.3	0	0	0	0.3
154+00.00	26	45.7	0	0	0	0
153+50.00	26	48.6	0	0	0	0

REVISIONS			
NO.	DESCRIPTION	DATE	BY



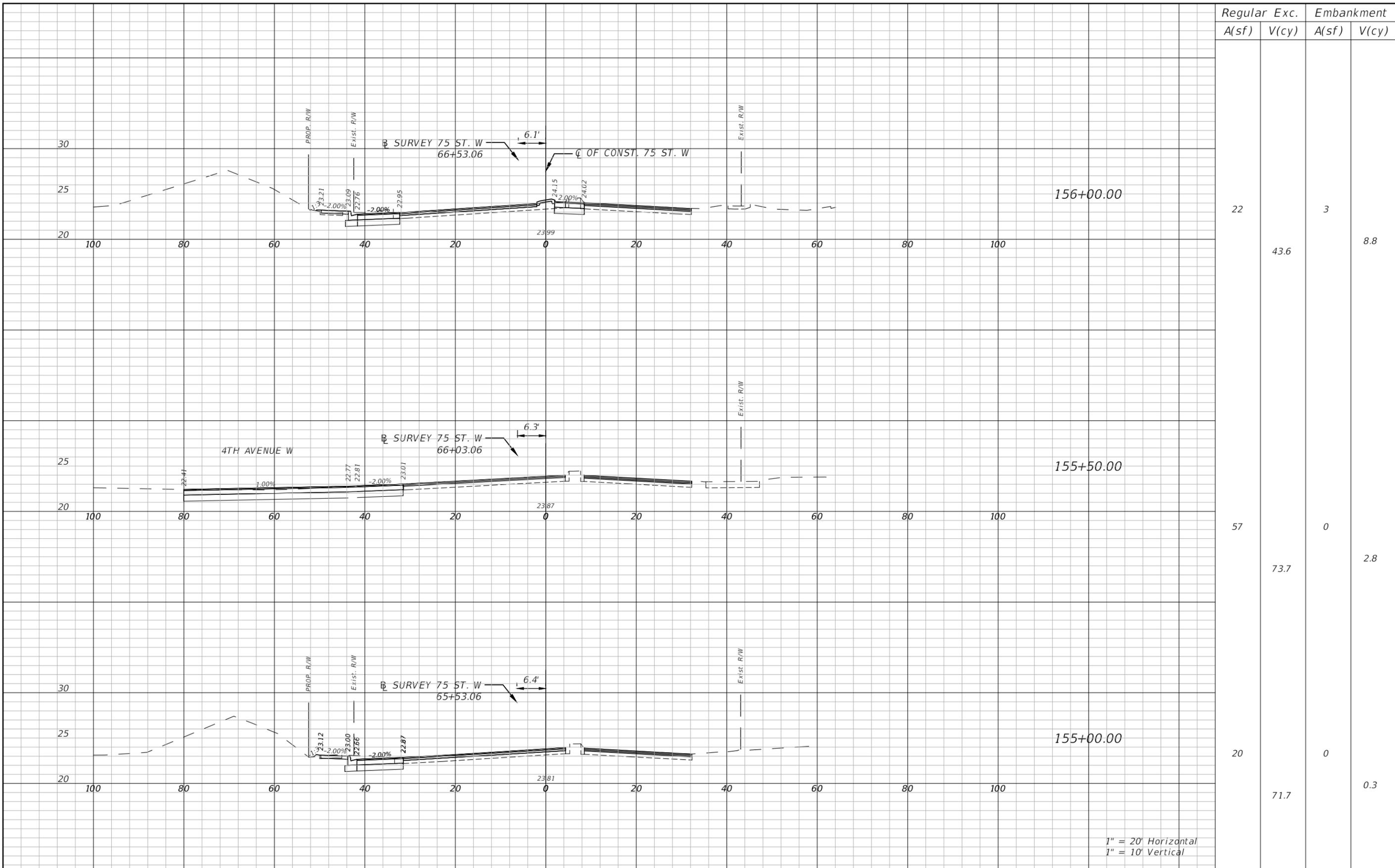
JEREMY FIORE RUNKLE, P.E.
 P.E. LICENSE NUMBER 73855
 380 PARK PLACE BOULEVARD
 SUITE 300
 CLEARWATER, FLORIDA, 33759
 (727)531-3505



INTERSECTION IMPROVEMENTS AT 75TH STREET WEST
 AND MANATEE AVENUE W. (SR 64)
ROADWAY CROSS-SECTIONS
(75TH ST. W.) (2)

SHEET NO.
 17

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Regular	Exc.	Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
22	43.6	3	8.8
57	73.7	0	2.8
20	71.7	0	0.3

1" = 20' Horizontal
1" = 10' Vertical

REVISIONS			
NO.	DESCRIPTION	DATE	BY



JEREMY FIORE RUNKLE, P.E.
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SUITE 300
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(727)531-3505

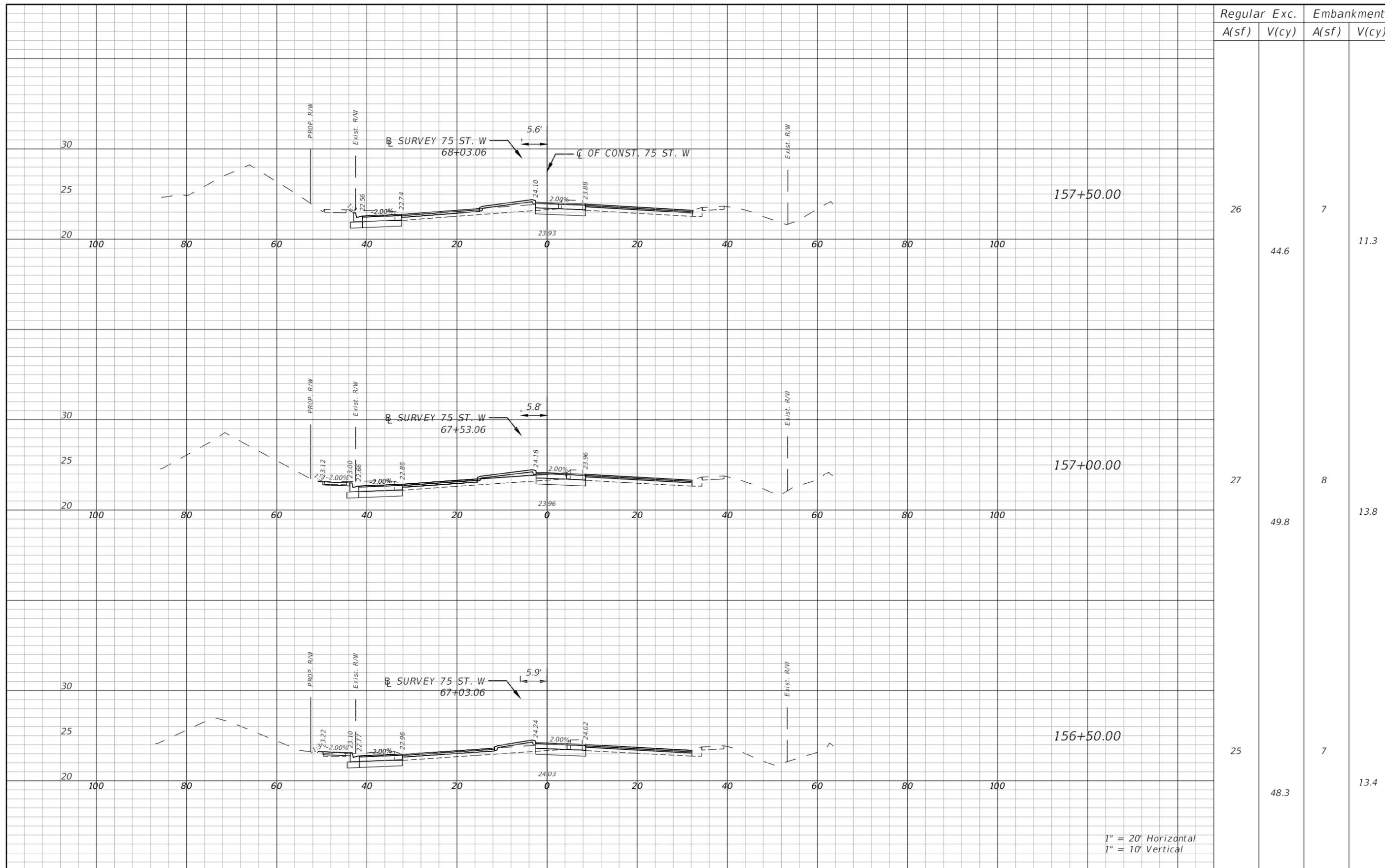


MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108261

INTERSECTION IMPROVEMENTS AT 75TH STREET WEST
AND MANATEE AVENUE W. (SR 64)
ROADWAY CROSS-SECTIONS
(75TH ST. W.) (3)

SHEET
NO.
18

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



Regular	Exc.	Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
26	44.6	7	11.3
27	49.8	8	13.8
25	48.3	7	13.4

1" = 20' Horizontal
1" = 10' Vertical

REVISIONS			
NO.	DESCRIPTION	DATE	BY
---	---	---	---



JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
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(727)531-3505

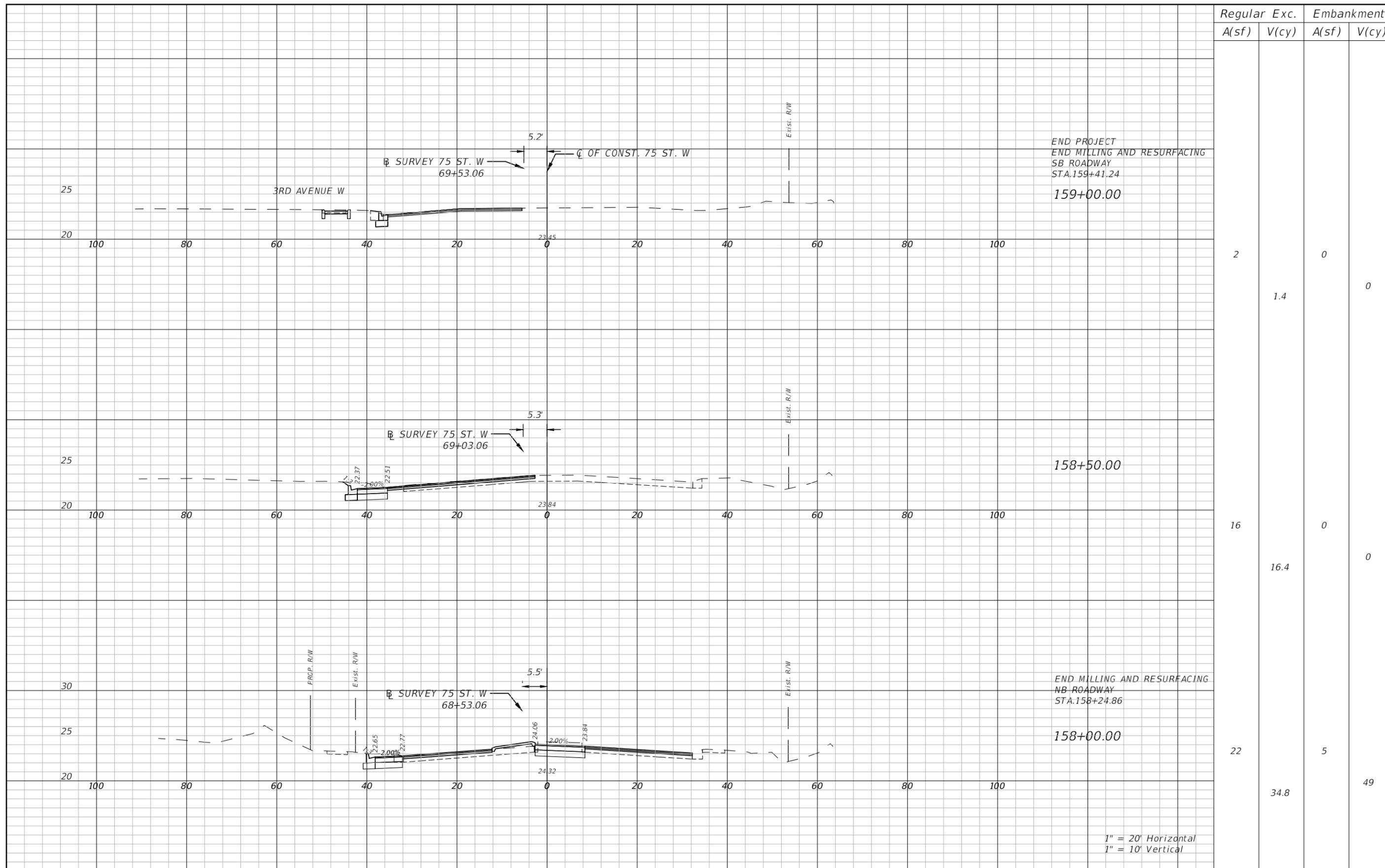


MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108261

INTERSECTION IMPROVEMENTS AT 75TH STREET WEST
AND MANATEE AVENUE W. (SR 64)
ROADWAY CROSS-SECTIONS
(75TH ST. W.) (4)

SHEET NO.
19

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Regular		Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)
2	1.4	0	0	0	0
16	16.4	0	0	0	0
22	34.8	5	49	0	0

1" = 20' Horizontal
1" = 10' Vertical

REVISIONS			
NO.	DESCRIPTION	DATE	BY



JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727) 531-3505

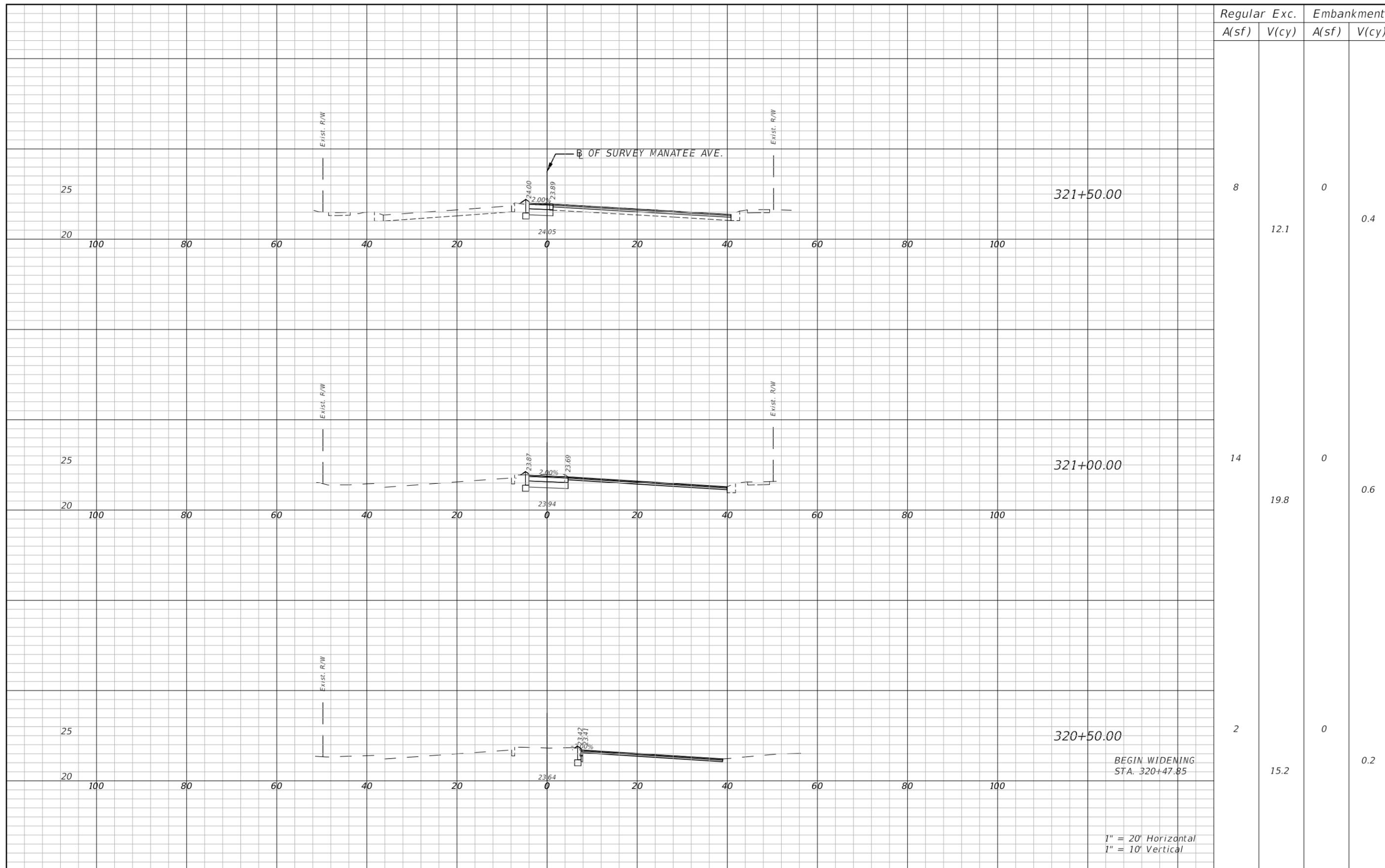


MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108261

INTERSECTION IMPROVEMENTS AT 75TH STREET WEST
AND MANATEE AVENUE W. (SR 64)
ROADWAY CROSS-SECTIONS
(75TH ST. W.) (5)

SHEET NO.
20

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



Station	Regular		Exc.		Embankment	
	A(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)
321+50.00	8	12.1	0	0	0	0.4
321+00.00	14	19.8	0	0	0	0.6
320+50.00	2	15.2	0	0	0	0.2

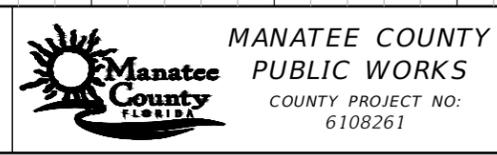
BEGIN WIDENING
STA. 320+47.85

1" = 20' Horizontal
1" = 10' Vertical

REVISIONS			
NO.	DESCRIPTION	DATE	BY
---	---	---	---



JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727)531-3505

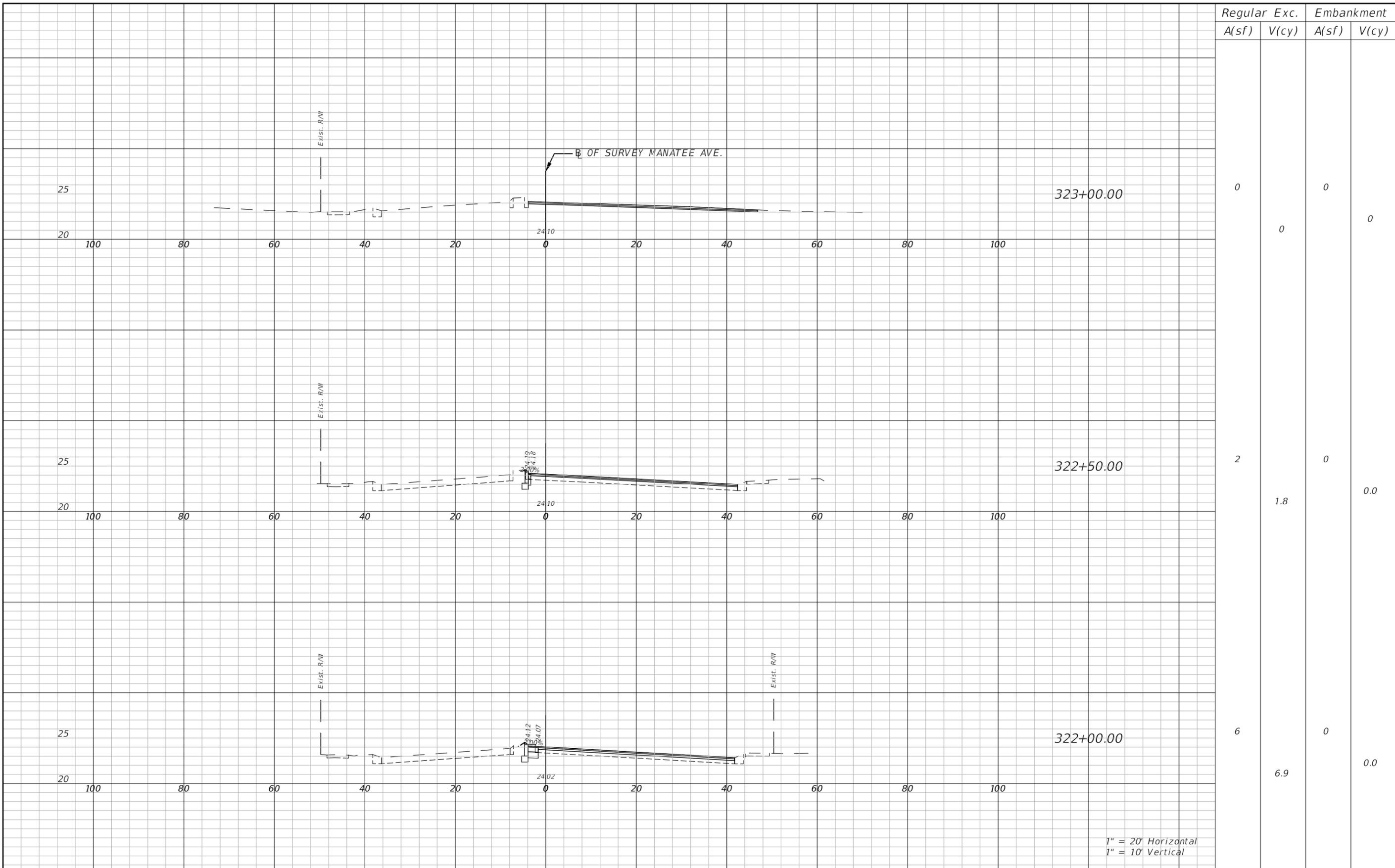


INTERSECTION IMPROVEMENTS AT 75TH STREET WEST
AND MANATEE AVENUE W. (SR 64)

**ROADWAY CROSS- SECTIONS
(MANATEE AVE) (1)**

SHEET
NO.
21

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Regular		Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)
0	0	0	0	0	0
2	1.8	0	0.0	0	0.0
6	6.9	0	0.0	0	0.0

1" = 20' Horizontal
1" = 10' Vertical

REVISIONS			
NO.	DESCRIPTION	DATE	BY
---	---	---	---



JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
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CLEARWATER, FLORIDA, 33759
(727)531-3505

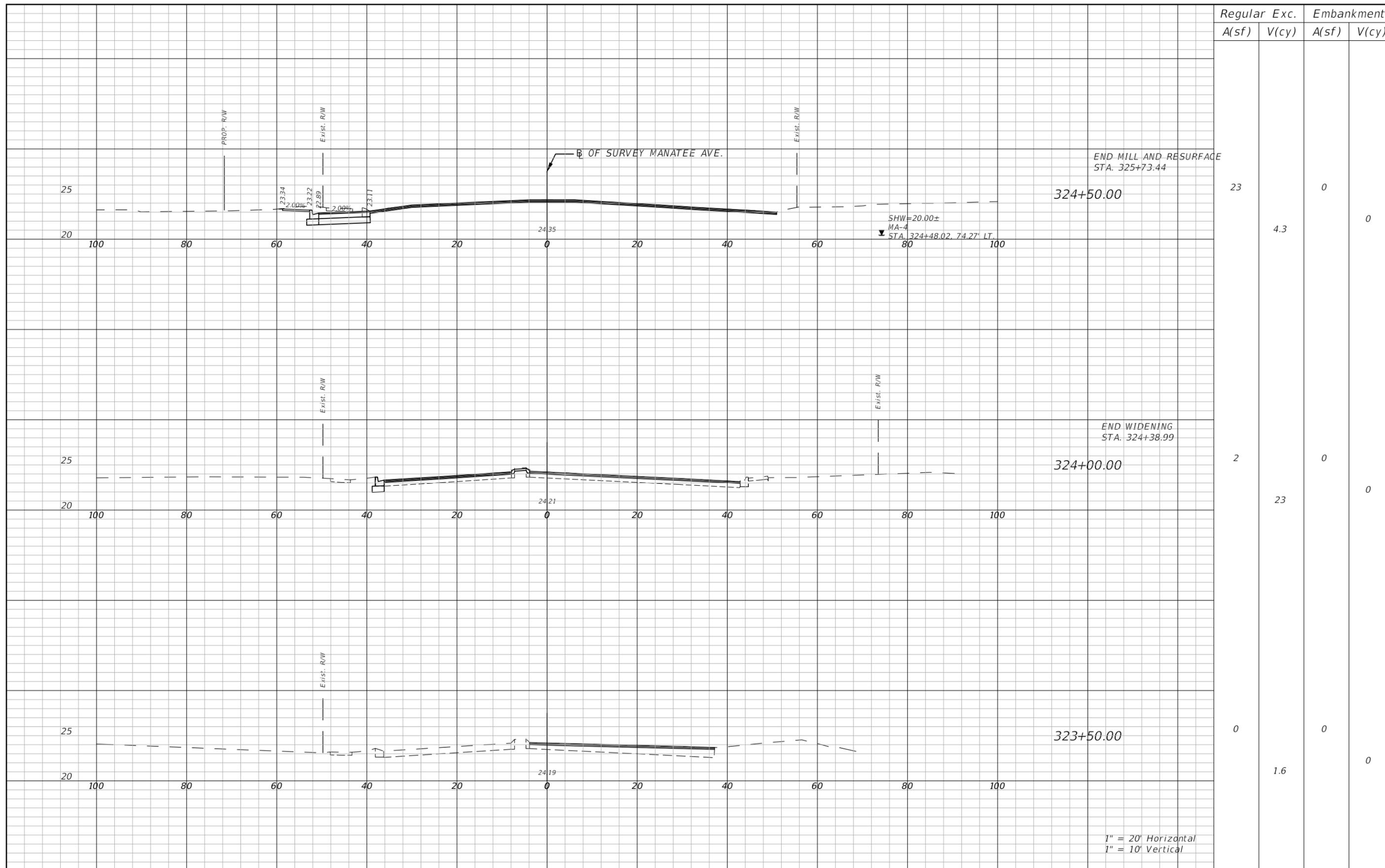


MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108261

INTERSECTION IMPROVEMENTS AT 75TH STREET WEST
AND MANATEE AVENUE W. (SR 64)
**ROADWAY CROSS- SECTIONS
(MANATEE AVE) (2)**

SHEET
NO.
22

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Regular	Exc.	Embankment	
A(sf)	V(cy)	A(sf)	V(cy)

23	4.3	0	0
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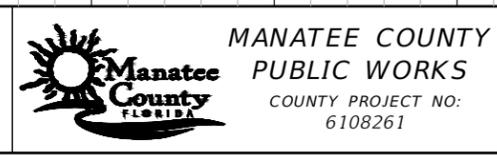
2	23	0	0
---	----	---	---

0	1.6	0	0
---	-----	---	---

REVISIONS			
NO.	DESCRIPTION	DATE	BY



JEREMY FIORE RUNKLE, P.E.
 P.E. LICENSE NUMBER 73855
 380 PARK PLACE BOULEVARD
 SUITE 300
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 (727)531-3505



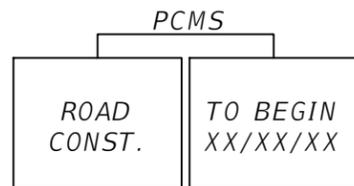
INTERSECTION IMPROVEMENTS AT 75TH STREET WEST
 AND MANATEE AVENUE W. (SR 64)
ROADWAY CROSS- SECTIONS
(MANATEE AVE) (3)

SHEET NO.
 23

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GENERAL NOTES

1. POSTED REGULATORY SPEED LIMITS ALONG MANATEE AVE (SR 64) AND 75TH STREET W SHALL MATCH EXISTING SPEEDS POSTED WITHIN THE PROJECT LIMITS THROUGHOUT THE DURATION OF CONSTRUCTION.
2. THE CONTRACTOR SHALL PROVIDE FOR THE SAFE MOVEMENT OF PEDESTRIANS AND VEHICLES THROUGHOUT ALL PHASES OF CONSTRUCTION.
3. ACCESS SHALL BE CONTINUOUSLY MAINTAINED AT ALL SIDE STREETS AND DRIVEWAYS FOR THE DURATION OF PROJECT.
4. THE COST OF MAINTENANCE OF TRAFFIC OPERATIONS SHALL BE INCLUDED UNDER THE LUMP SUM PAY ITEM FOR MAINTENANCE OF TRAFFIC, UNLESS A SEPARATE PAY ITEM IS PROVIDED.
5. EXISTING DRAINAGE PATTERNS SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION OF THE PROJECT
6. CONTRACTOR SHALL MAINTAIN EXISTING PEDESTRIAN TRAFFIC UTILIZING SIDEWALK DIVERSIONS OR DETOUR PER FDOT INDEX 102-600, AS NECESSARY.
7. THE CONTRACTOR SHALL NOTIFY MANATEE COUNTY PUBLIC WORKS PRIOR TO A LANE CLOSURE THAT WILL EXCEED TWO HOURS, A MINIMUM OF FORTY EIGHT (48) HOURS IN ADVANCE. DURING PERIODS OF LANE CLOSURES, THE CONTRACTOR SHALL PROVIDE AN FDOT CERTIFIED WORK SITE TRAFFIC SUPERVISOR FOR THE INSTALLATION, MAINTENANCE, AND REMOVAL OF TRAFFIC CONTROL DEVICES (E.G. BARRICADES, SIGNS, ARROW PANELS, ETC.) AS OUTLINED IN THE FDOT STANDARD SPECIFICATIONS AND THE FDOT ROADWAY AND TRAFFIC DESIGN STANDARDS.
8. MILLING OPERATIONS SHALL NOT EXCEED MORE THAN WHAT CAN BE RESURFACED WITHIN THE SAME WORK PERIOD.
9. EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH TEMPORARY PAVEMENT MARKING SHALL BE REMOVED BY HIGH PRESSURE WATER OR OTHER NON- DESTRUCTIVE METHODS AS APPROVED BY THE ENGINEER. ALL EXISTING MARKINGS OUTSIDE THE LIMITS OF CONSTRUCTION WHICH ARE REMOVED FOR TTCP PURPOSES SHALL BE REPLACED BEFORE THE COMPLETION OF THE PROJECT



PHASING NOTES

PHASE I OPERATIONS INCLUDE MEDIAN CONSTRUCTION FOR PAVEMENT WIDENING OF EASTBOUND LEFT TURN LANE EXTENSION ALONG SR 64 (MANATEE AVE.).

1. INSTALL TEMPORARY TRAFFIC DEVICES AND SIGNING ON ALL MAINLINE AND SIDE STREETS AS PER THESE PLANS AND FDOT STANDARD PLANS, 102-600 SERIES INDEXES.
2. MAINTAIN EXISTING TRAFFIC PATTERN ON THE EXISTING FACILITY.
3. EXISTING DRAINAGE FLOW PATTERNS AND CROSS DRAIN FLOW DIRECTIONS ARE TO BE MAINTAINED DURING PHASE I CONSTRUCTION.
4. WITH REFERENCE TO FDOT INDEX NOS. 102-602, 102-613, AND 102-615, CONSTRUCT MEDIAN WORK FOR PAVEMENT WIDENING AND INSTALLATION OF TRAFFIC SEPARATOR.

PHASE IIA OPERATIONS INCLUDE CONSTRUCTION OF PAVEMENT WIDENING ALONG WEST SIDE OF 75TH STREET W ON THE NORTH LEG OF THE INTERSECTION, PROPOSED CURB AND GUTTER WITH SIDEWALK, AND DRAINAGE WORK.

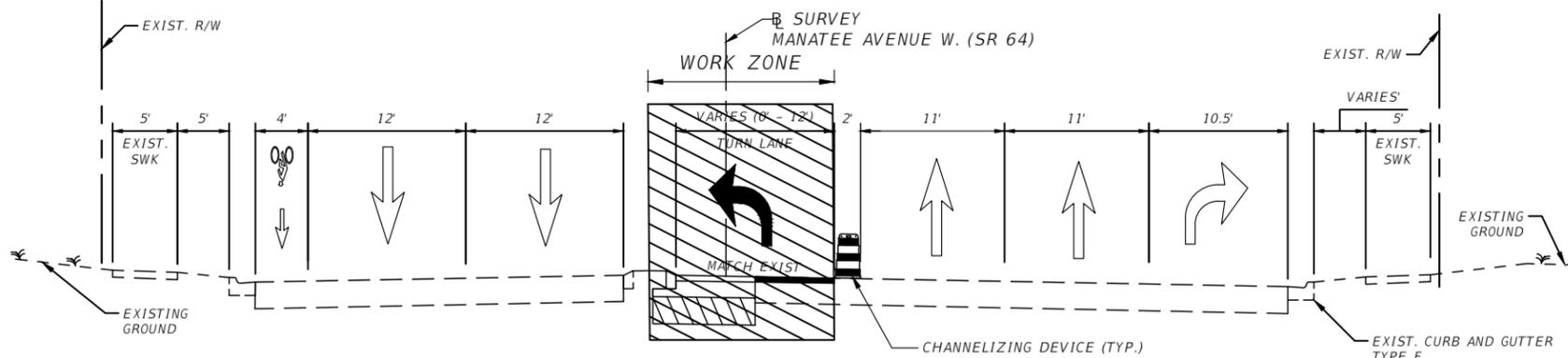
1. RE-INSTALL TEMPORARY DEVICES AND SIGNING ON ALL MAINLINE AND SIDE STREETS AS PER THESE PLANS AND FDOT STANDARD PLANS, 102-600 SERIES INDEXES.
2. MAINTAIN EXISTING TRAFFIC PATTERN ON THE EXISTING FACILITY.
3. EXISTING DRAINAGE FLOW PATTERNS AND CROSS DRAIN FLOW DIRECTIONS ARE TO BE MAINTAINED DURING PHASE IIA CONSTRUCTION.
4. WITH REFERENCE TO FDOT INDEX NOS. 102-602, 102-613, 102-615, AND 102-660, CONSTRUCT INTERSECTION AND SHOULDER WORK FOR PAVEMENT WIDENING, CURB AND GUTTER INSTALLATION, PROPOSED SIDEWALK, AND DRAINAGE MODIFICATIONS.

PHASE IIB OPERATIONS INCLUDE MEDIAN CONSTRUCTION FOR ADDITION OF NORTHBOUND LEFT TURN LANE ALONG 75TH STREET W.

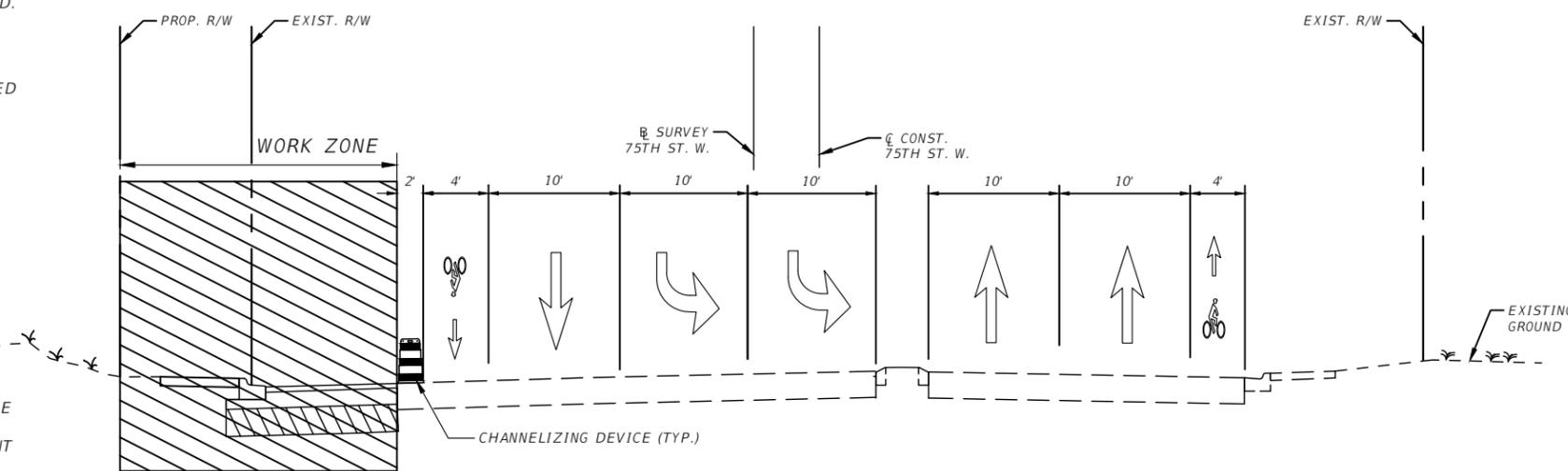
1. RE-INSTALL TEMPORARY DEVICES AND SIGNING ON ALL MAINLINE AND SIDE STREETS AS PER THESE PLANS AND FDOT STANDARD PLANS, 102-600 SERIES INDEXES.
2. MAINTAIN EXISTING TRAFFIC PATTERN ON THE EXISTING FACILITY.
3. EXISTING DRAINAGE FLOW PATTERNS AND CROSS DRAIN FLOW DIRECTIONS ARE TO BE MAINTAINED DURING PHASE IIB CONSTRUCTION.
4. WITH REFERENCE TO FDOT INDEX NOS. 102-602, 102-613, AND 102-615, INSTALL MEDIAN MODIFICATIONS FOR NORTHBOUND LEFT TURN LANE.

PHASE III OPERATIONS INCLUDES MILLING AND RESURFACING, FINAL PAVEMENT MARKINGS, AND FINAL SIGNAGE.

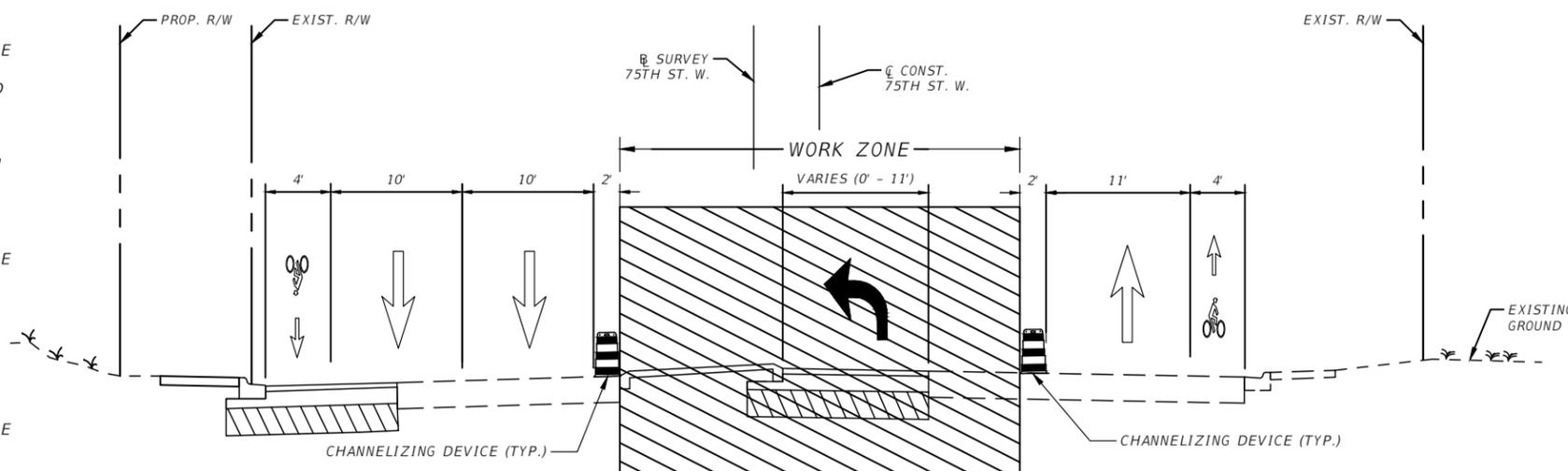
1. RE-INSTALL TEMPORARY DEVICES AND SIGNING ON ALL MAINLINE AND SIDE STREETS AS PER THESE PLANS AND FDOT STANDARD PLANS, 102-600 SERIES INDEXES.
2. MAINTAIN EXISTING TRAFFIC PATTERN ON THE EXISTING FACILITY.
3. EXISTING DRAINAGE FLOW PATTERNS AND CROSS DRAIN FLOW DIRECTIONS ARE TO BE MAINTAINED DURING PHASE I CONSTRUCTION.
4. WITH REFERENCE TO FDOT INDEX NOS. 102-613 AND 102-615, MILL AND RESURFACE PAVEMENT ALONG SR 64 (MANATEE AVENUE) AND 75TH STREET W PER LIMITS SHOWN IN THE PLANS. APPLY FINAL SURFACE, PAVEMENT MARKINGS AND SIGNAGE.
5. REMOVE ALL TEMPORARY TRAFFIC CONTROL DEVICES, SIGNS, AND INCIDENTALS TO OPEN ALL LANES OF TRAFFIC UPON COMPLETION OF WORK.



PHASE I - MANATEE AVENUE



PHASE IIA - 75TH STREET WEST



PHASE IIB - 75TH STREET WEST

REVISIONS			
NO.	DESCRIPTION	DATE	BY



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 (727)531-3505

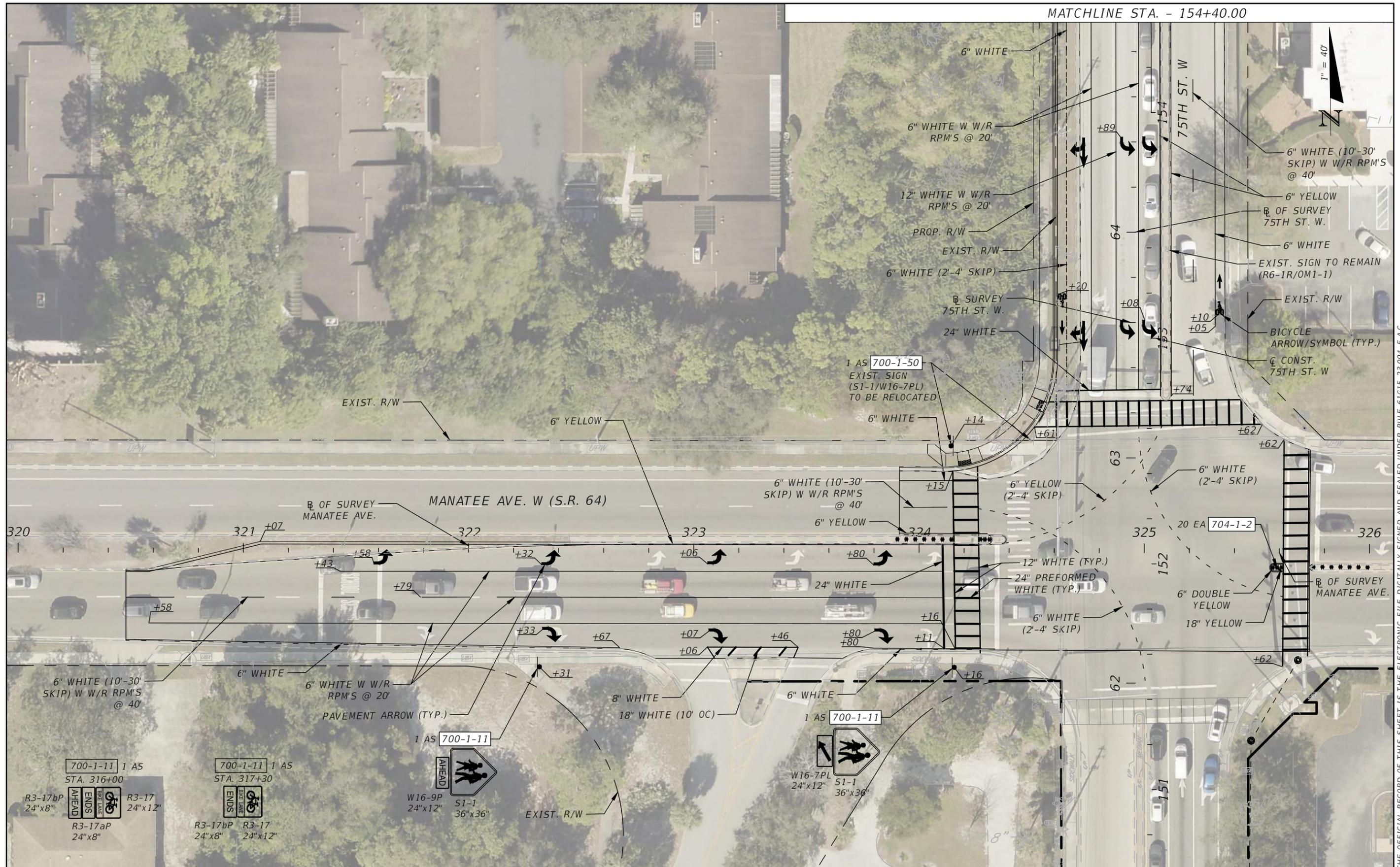


MANATEE COUNTY
 PUBLIC WORKS
 COUNTY PROJECT NO:
 6108261

INTERSECTION IMPROVEMENTS AT 75TH STREET WEST
 AND MANATEE AVENUE W. (SR 64)
**TEMPORARY TRAFFIC CONTROL
 PLAN**

SHEET
 NO.
 24

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REVISIONS



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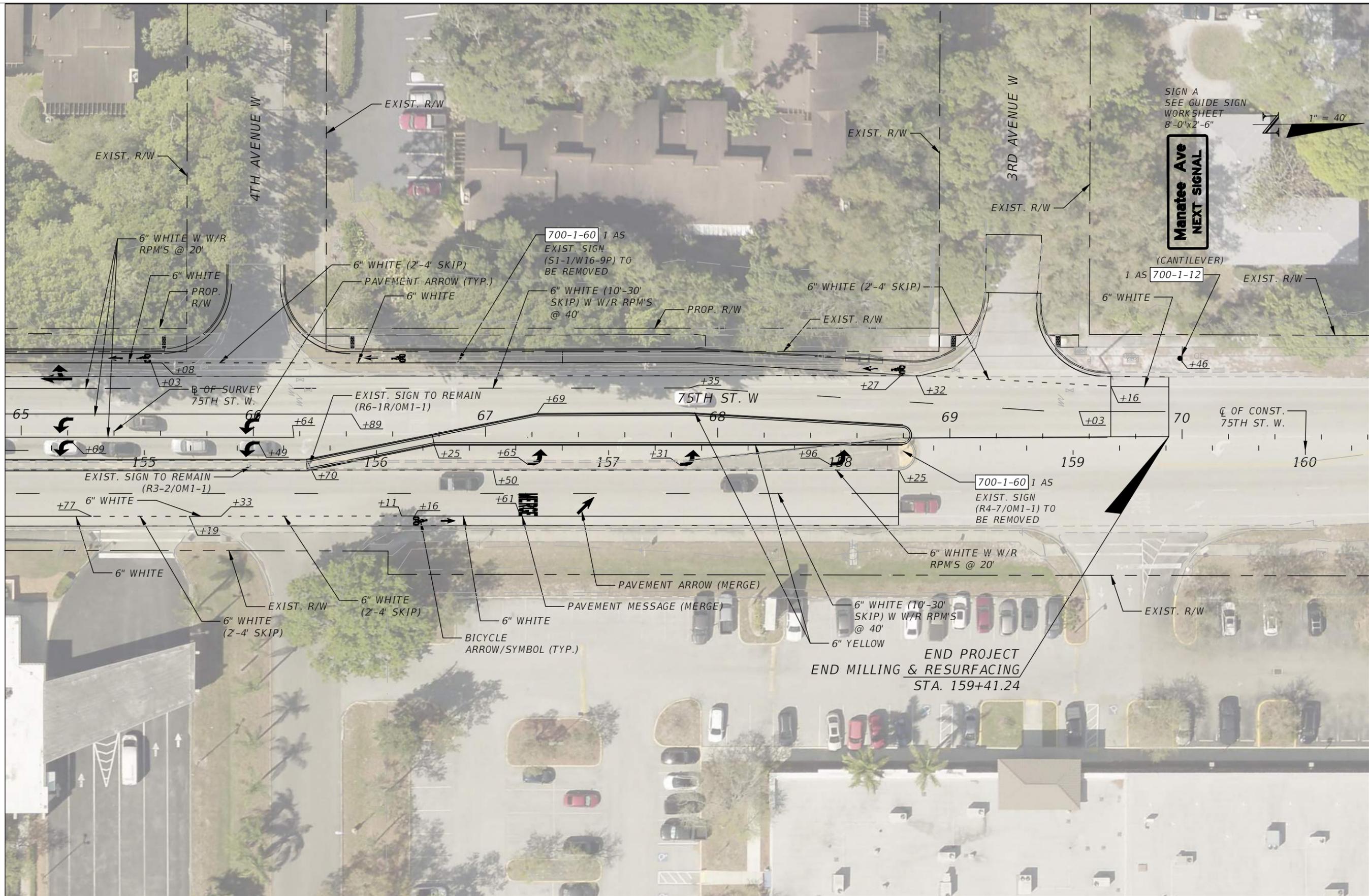


MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108261

INTERSECTION IMPROVEMENTS AT 75TH STREET WEST
AND MANATEE AVENUE W. (SR 64)

SIGNING AND PAVEMENT
MARKINGS PLAN (1)

MATCHLINE STA. - 154+40.00



SIGN A
SEE GUIDE SIGN
WORKSHEET
8'-0"x2'-6"
1" = 40'

**Manatee Ave
NEXT SIGNAL**

(CANTILEVER)
1 AS 700-1-12

700-1-60 1 AS
EXIST. SIGN
(S1-1/W16-9P) TO
BE REMOVED

700-1-60 1 AS
EXIST. SIGN
(R4-7/OM1-1) TO
BE REMOVED

**END PROJECT
END MILLING & RESURFACING
STA. 159+41.24**

REVISIONS			
NO.	DESCRIPTION	DATE	BY



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**MANATEE COUNTY
PUBLIC WORKS**
COUNTY PROJECT NO:
6108261

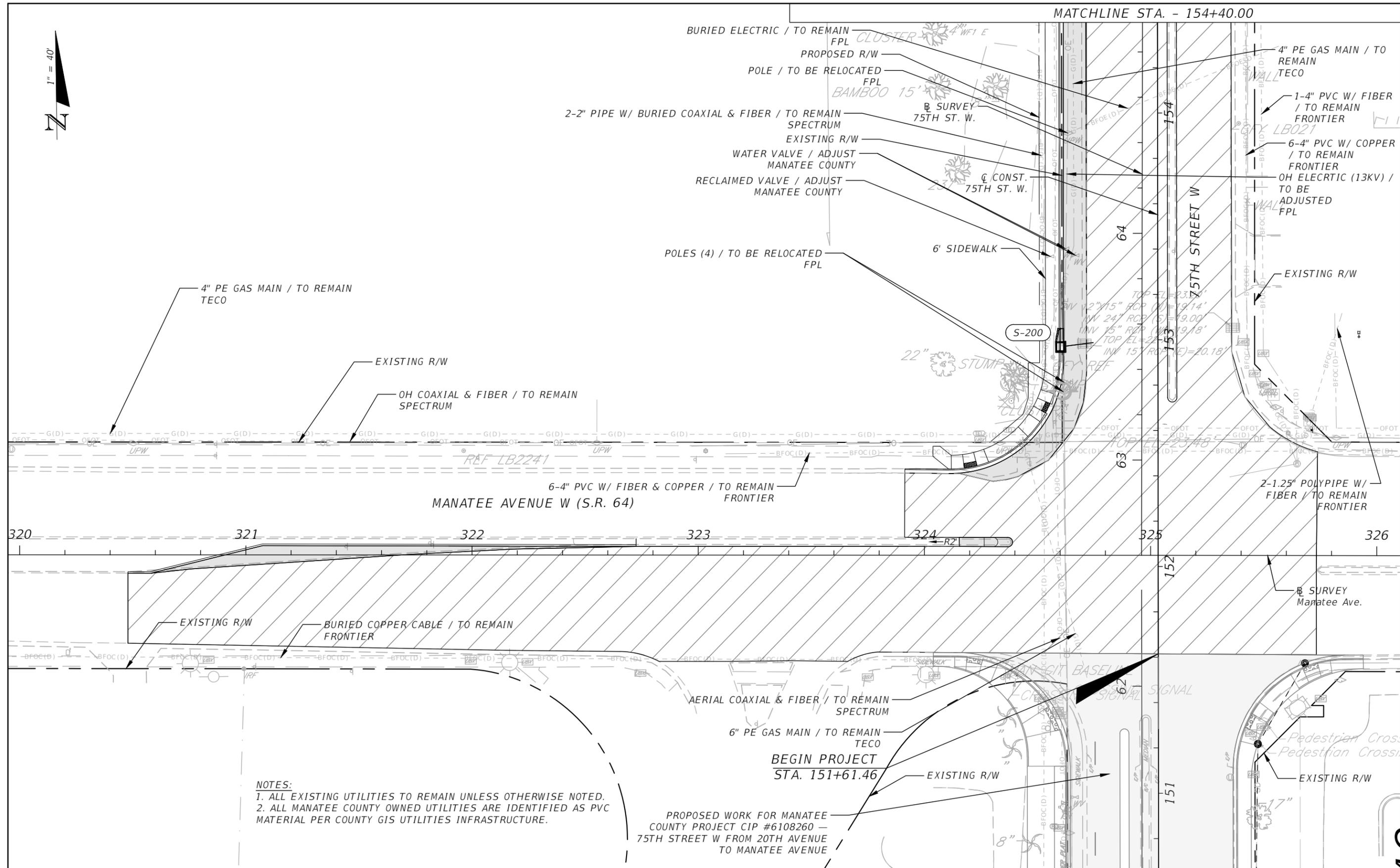
INTERSECTION IMPROVEMENTS AT 75TH STREET WEST
AND MANATEE AVENUE W. (SR 64)
**SIGNING AND PAVEMENT
MARKINGS PLAN (2)**

SHEET
NO.
26

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MATCHLINE STA. - 154+40.00



NOTES:
 1. ALL EXISTING UTILITIES TO REMAIN UNLESS OTHERWISE NOTED.
 2. ALL MANATEE COUNTY OWNED UTILITIES ARE IDENTIFIED AS PVC MATERIAL PER COUNTY GIS UTILITIES INFRASTRUCTURE.

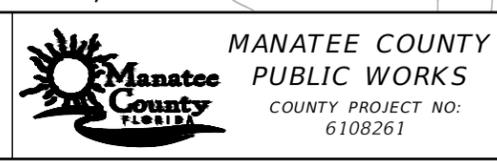
PROPOSED WORK FOR MANATEE COUNTY PROJECT CIP #6108260 - 75TH STREET W FROM 20TH AVENUE TO MANATEE AVENUE

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

REVISIONS			
NO.	DESCRIPTION	DATE	BY

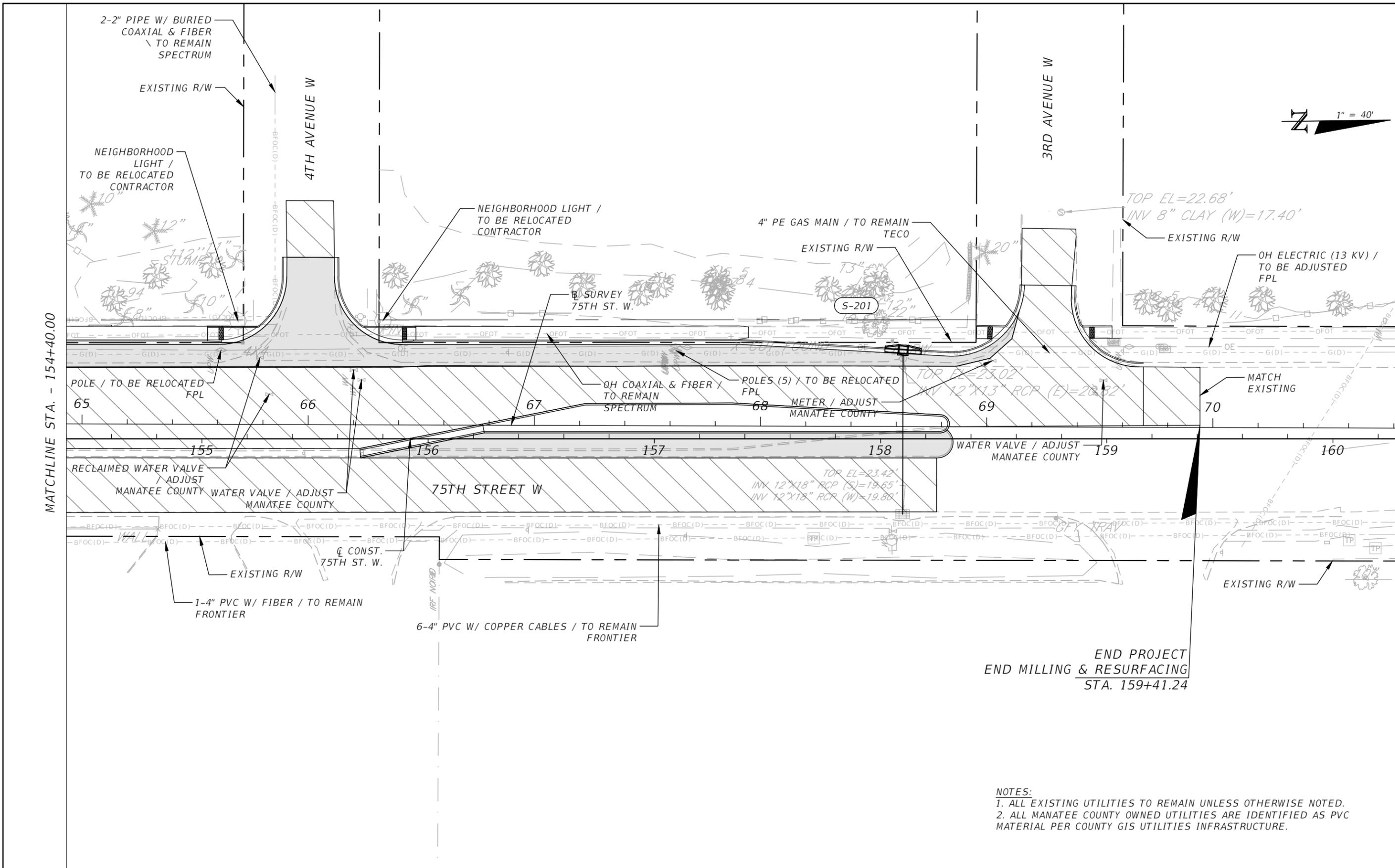


JEREMY FIORE RUNKLE, P.E.
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INTERSECTION IMPROVEMENTS AT 75TH STREET WEST AND MANATEE AVENUE W. (SR 64)
UTILITY ADJUSTMENT SHEETS (1)

SHEET NO.
 28



NOTES:
 1. ALL EXISTING UTILITIES TO REMAIN UNLESS OTHERWISE NOTED.
 2. ALL MANATEE COUNTY OWNED UTILITIES ARE IDENTIFIED AS PVC MATERIAL PER COUNTY GIS UTILITIES INFRASTRUCTURE.

MATCHLINE STA. - 154+40.00

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REVISIONS			
NO.	DESCRIPTION	DATE	BY



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MANATEE COUNTY
 PUBLIC WORKS
 COUNTY PROJECT NO:
 6108261

INTERSECTION IMPROVEMENTS AT 75TH STREET WEST
 AND MANATEE AVENUE W. (SR 64)
**UTILITY ADJUSTMENT
 SHEETS (2)**

SHEET
 NO.
 29