CITY OF PORT ST. LUCIE

TRADITION PARKWAY IMPROVEMENTS



INDEX OF SHEETS

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UTILITY PROVIDERS

ATT Distribution

Dino Farruggio 6628 Lakeside Road West Palm Beach, FL 33411 g27896@att.com 561-683-2729

Blue Stream Fiber

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Carlos Camacho, P.E. - Utility Engineering Division 900 SE Ogden Ln Port St. Lucie, FL 34983 ccamacho@cityofpsl.com 772-873-6419

City Gas Company of Florida

Chelsea Collins 561 335-7126 Chelsea.collins@nexteraenergy.com

PROJECT LOCATION

Florida Power & Light

lexington.williams@fpl.com

Lexington Williams

772 251-8522

DESIGN TEAM

CIVIL ENGINEER:

Marlin Engineering, Inc. 3363 W. COMMERCIAL Blvd, Ste. 115 Ft. Lauderdale, FL 33309 (954) 870-5070 C.A. No. 6104

OWNER:

Public Works Department Bldg. B 121 SW Port Saint Lucie, Phone: (772)-344-4319 Fax: (772)-871-5289

SURVEYOR:

3970 RCA Blvd. Suite #7750, Palm Beach Gardens, FL 33410 - LB 8431

GOVERNING STANDARD SPECIFICATIONS: Florida Department of Transportation, July 2022 Standard Specifications for Road and Bridge Construction at the following website: http://www.fdot.gov/programmanagement/Implemented/SpecBooks

GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY2022-23 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

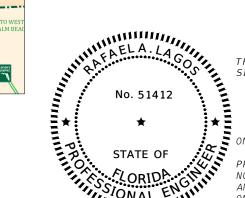
Standard Plans for Road Construction and associated IRs are available at the following website: http://www.fdot.gov/design/standardplans

APPLICABLE IRs: IR700-010-1

PLANS ENGINEER OF RECORD:



RAFAEL LAGOS, P.E. P.E. No.: 51412 3363 W. COMMERCIAL Blvd, Ste. 115•FT Lauderdale, FL 33309 (954) 870-5070 • C.A. No. 6104



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ON THE DATE ADJACENT TO THE SEAL

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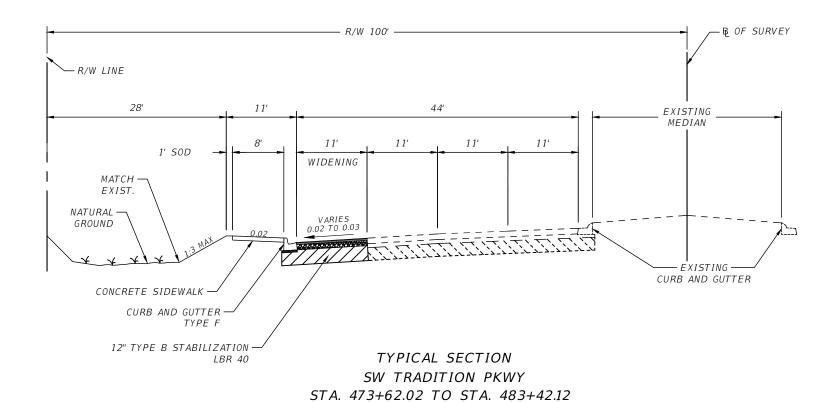


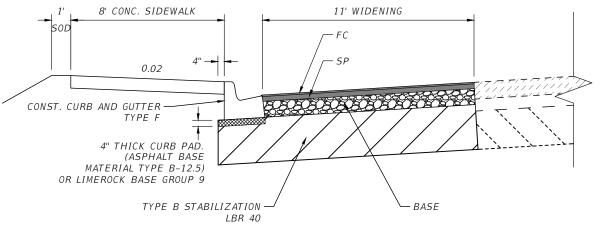
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CONSTRUCTION	FISCAL	SHEET
CONTRACT NO.	YEAR	NO.
N/A	2022	C-100

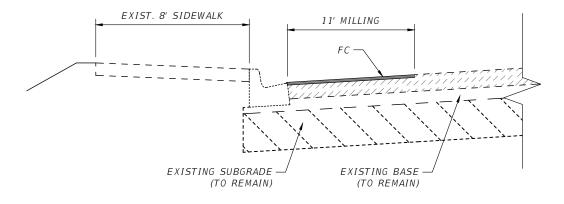




WIDENING

OPTIONAL BASE GROUP 9 (8" MIN. THK) WITH TYPE SP STRUCTURAL COURSE (3")

AND FRICTION COURSE FC-12.5 $(1\frac{1}{2}")$



MILLING & RESURFACING

MILL EXISTING ASPHALT PAVEMENT (1^1_2) RESURFACE WITH FC-12.5 (1^1_2)

		VISIONS	REVI	
	DESCRIPTION	DATE	DESCRIPTION	DATE
E N G I				
RAFAEL LA				
3363 W. COMMERCIAL (954)				

MAKLIN

ENGINEERING

RAFAEL LAGOS, P.E. • P.E. No.: 51412 3363 W. COMMERCIAL Blvd, Ste. 115•FT Lauderdale, FL 33309 (954) 870-5070 • C.A. No. 6104

and Post St.
Florida

TRADITION PARKWAY
IMPROVEMENTS

SHEET NO.

TYPICAL SECTION

- ALL STATIONS AND OFFSETS ARE REFERENCED TO BASELINE OF SURVEY. ELEVATIONS SHOWN HEREON RELATE TO NATIONAL GEODETIC VERTICAL DATUM, N.G.V.D., 1929.
- 3. EXISTING SECTION CORNERS AND 1/4 SECTION CORNERS, AND OTHER LAND MARKERS OR MONUMENTS LOCATED WITHIN PROPOSED CONSTRUCTION ARE TO BE REFERENCED BY THE CONTRACTOR PRIOR TO CONSTRUCTION AND RESET AFTER CONSTRUCTION USING A REGISTERED LAND SURVEYOR LICENSED IN THE STATE OF FLORIDA.
- 4. ANY NGVD 1929 MONUMENT WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF IN DANGER OF DAMAGE, NOTIFY: GEODETIC INFORMATION CENTER ATTN: MARK MAINTENANCE SECTION N/CG-162 6001 EXECUTIVE BLVD.ROCKVILLE. MARYLAND 2085ZTEL: (301) 443-8319
- 5. EXISTING LAND MARKERS WITHIN LIMITS OF CONSTRUCTION SHALL BE REFERENCED IF DISTURBED BY THE CONTRACTOR'S SURVEY PARTY UNDER THE DIRECTION OF A FLORIDA REGISTERED LAND SURVEYOR.
- 6. ITEMS IN CONFLICT WITH DESIGN SUCH AS EXISTING CURBS AND GUTTERS SIDEWALKS, DRAINAGE STRUCTURES AND PIPES, EXFILTRATION TRENCH, PAVEMENT AND BASE AND EXCESS EXCAVATIONS ARE TO BE REMOVED BY CONTRACTOR AND DISPOSED OF IN A LEGAL AND PROPER MANNER AWAY FROM THE JOB SITE AT THE CONTRACTOR'S EXPENSE UNLESS THE ITEMS ARE TO BE REUSED ON THE PROJECT.
- 7. THE MAINTENANCE OF TRAFFIC FOR THIS PROJECT SHALL BE IN ACCORDANCE WITH THE APPLICABLE FDOT STANDARD PLANS INDEX SERIES 102 AND THESE DOCUMENTS: THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS (U.S. DEPARTMENT OF TRANSPORTATION, FHWA), SHALL BE FOLLOWED IN THE DESIGN, APPLICATION, INSTALLATION, MAINTENANCE AND REMOVAL OF ALL TRAFFIC CONTROL DEVICES AND BARRIERS NECESSARY TO PROTECT THE PUBLIC AND WORKMEN FROM HAZARDS WITHIN THE PROJECT LIMITS. PEDESTRIAN AND VEHICULAR TRAFFIC SHALL BE MAINTAINED AND PROTECTED AT ALL TIMES
- 8. THE INFORMATION PROVIDED IN THESE PLANS IS TO ASSIST THE CONTRACTOR IN ASSESSING THE NATURE AND EXTENT OF THE CONDITIONS WHICH MAY BE ENCOUNTERED DURING THE COURSE OF THE WORK. ALL CONTRACTORS ARE DIRECTED, PRIOR TO BIDDING, TO CONDUCT ANY INVESTIGATIONS THEY DEEM NECESSARY TO ARRIVE AT THEIR OWN CONCLUSIONS REGARDING THE ACTUAL CONDITIONS THAT WILL BE ENCOUNTERED AND UPON WHICH THEIR BIDS WILL BE BASED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INVESTIGATE SITE CONDITIONS OF THE PROJECT AND FULLY SATISFY HIMSELF OF BOTH THE SURFACE AND SUBSURFACE CONDITIONS AND BASE HIS PRICING ACCORDINGLY. GEOTECHNICAL REPORT IS IN THE CONTRACT DOCUMENTS.
- 9. THE LOCATION OF UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE ONLY; THE EXACT LOCATION SHALL BE DETERMINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. RELOCATION OF UTILITIES SHALL BE COORDINATED WITH UTILITY COMPANIES BY THE CONTRACTOR AFTER IDENTIFICATION OF CONFLICT. CONTRACTOR SHALL NOTIFY ENGINEER IN ADVANCE BEFORE ANY RELOCATION.
- 10. THE CONTRACTOR SHALL CALL SUNSHINE (1-800-432-4770) FOR FIELD LOCATIONS 48 HOURS BEFORE DIGGING NEAR UNDERGROUND UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO ANY EXISTING UTILITIES FOR WHICH HE FAILS TO REQUEST LOCATIONS. HE/SHE IS RESPONSIBLE AS WELL FOR DAMAGE TO ANY EXISTING UTILITIES WHICH ARE PROPERLY LOCATED.
- 11. LOCATIONS, ELEVATIONS AND DIMENSIONS OF EXISTING FACILITIES AND OTHER FEATURES ARE SHOWN ACCORDING TO THE BEST INFORMATION AVAILABLE AT THE TIME OF FIELD SURVEY. THE CONTRACTOR SHALL CONFIRM THE ELEVATIONS, AND OTHER FEATURES AFFECTING HIS/HER WORK PRIOR TO CONSTRUCTION, AND NOTIFY THE ENGINEER IMMEDIATELY WHEN CONFLICT BETWEEN DRAWINGS AND ACTUAL CONDITIONS ARE DISCOVERED. THE CONTRACTOR SHALL WORK AS NEEDED TO AVOID CONFLICT WITH EXISTING UTILITIES (NO ADDITIONAL COST SHALL BE PAID FOR THIS WORK). EXISTING UTILITIES SHALL BE MAINTAINED IN SERVICE DURING CONSTRUCTION UNLESS OTHERWISE APPROVED BY THE UTILITY OWNER.
- 12. ALL EXISTING PAVEMENT, CUT OR DAMAGED BY CONSTRUCTION SHALL BE PROPERLY RESTORED AT THE CONTRACTOR'S EXPENSE.
- 13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL CONSTRUCTION SHALL BE DONE IN A SAFE MANNER AND IN STRICT COMPLIANCE WITH ALL THE REQUIREMENTS OF FEDERAL OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970, AND ALL STATE AND LOCAL SAFETY AND HEALTH REGULATIONS.
- 14. ALL DITCH EXCAVATION SHALL BE PERFORMED IN FULL COMPLIANCE WITH THE PROVISIONS OF THE FLORIDA TRENCH SAFETY ACT.

- 15. CONTRACTOR SHALL PRESERVE ALL TRAFFIC CONTROL SIGNS, LANDSCAPING, ETC. WHEN DIRECTED BY THE ENGINEER, THE CONTRACTOR SHALL REINSTALL OR DELIVERY SAID PUBLIC PROPERTY TO THE TOWN.
- 16. THE CONTRACTOR SHALL COORDINATE WITH UTILITIES TO ARRANGE RELOCATION AND TEMPORARY SUPPORT OF UTILITY FEATURES, ETC. AS NECESSARY TO COMPLETE THE WORK.
- 17. THE CONTRACTOR IS REQUIRED TO OBTAIN ALL APPLICABLE CONSTRUCTION PERMITS PRIOR TO START OF CONSTRUCTION. THE CONTRACTOR SHALL APPLY FOR AND PROCURE ALL PERMITS AND LICENSES, PAY ALL CHARGES, TAXES, ROYALTIES & FEES, AND GIVE ALL NOTICES NECESSARY TO COMPLETE THIS PROJECT.
- 18. INSTALLATION OF ALL STORM SEWERS, INLETS, MANHOLES AND APPURTENANCES SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF FDOT OR AS INDICATED ON THE DRAWINGS.
- 19. STAGING AND MATERIAL STORAGE SHALL NOT BE CONDUCTED ON ABUTTING PRIVATE PROPERTY OR PUBLIC R-O-W WITHOUT APPROVAL FROM THE CITY.
- 20. APPARENT ERRORS, DISCREPANCIES, OR OMISSIONS ON THE DRAWING SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION BEFORE THE BIDDING. NO EXTRA PAYMENT WILL BE ALLOWED FOR ANY WORK REQUIRED DUE TO MISUNDERSTANDING OF JOB OR SITE CONDITIONS AFFECTING THE WORK AS DESCRIBED IN THE SPECIFICATIONS OR SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL NOT TAKE ADVANTAGE OF ANY APPARENT ERROR OR OMISSION IN DRAWINGS OR SPECIFICATIONS, AND THE ENGINEER SHALL BE PERMITTED TO MAKE CORRECTIONS AND INTERPRETATIONS AS MAY BE DEEMED NECESSARY FOR FULFILLMENT OF THE INTENT OF THE CONTRACT DOCUMENTS. THE TENDERING OF A PROPOSAL WILL ACKNOWLEDGE ACCEPTANCE OF THESE CONDITIONS BY THE BIDDER.
- 21. THE AMOUNT OF EACH OF THE MATERIALS PROVIDED IS THE ESTIMATED AMOUNT REQUIRED TO COMPLETE THE JOB. THESE QUANTITIES ARE ESTIMATED ONLY AND IT IS THE CONTRACTOR'S RESPONSIBILITY TO COMPLETE THE JOB IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. SHOULD ADDITIONAL MATERIALS BE REQUIRED THEY WILL BE PAID FOR AT THE CONTRACT UNIT PRICES AS DESCRIBED IN THE BID DOCUMENTS.
- 22. UPON THE RECEIPT OF THE "NOTICE TO PROCEED" THE CONTRACTOR SHALL CONTACT THE ENGINEER OF RECORD AND ARRANGE A PRE-CONSTRUCTION CONFERENCE TO INCLUDE THE CITY OF PORT ST. LUCIE, AND ALL INVOLVED GOVERNMENTAL AGENCIES, UTILITY OWNERS, THE OWNER, AND THE ENGINEER OF RECORD.
- 23. THE UTILITY COMPANIES SHALL BE NOTIFIED BY THE CONTRACTOR 48
 HOURS IN ADVANCE OF ANY EXCAVATION INVOLVING THEIR UTILITIES SO
 THAT COMPANY REPRESENTATIVES CAN BE PRESENT.
- 24. THE CONTRACTOR IS TO USE CAUTION WHEN WORKING IN OR AROUND AREAS OF OVERHEAD TRANSMISSION LINES OR UNDERGROUND UTILITIES.
- 25. PRIOR TO COMMENCEMENT OF ANY EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH FLORIDA STATUTE 553.851 FOR THE PROTECTION OF UNDERGROUND GAS PIPELINES.
- 26. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES THAT REMAIN IN PLACE.
- 27. ALL EXISTING AND PROPOSED DRAINAGE STRUCTURES SHALL BE PROTECTED FROM CONTAMINATION BY SILT AND CONSTRUCTION DEBRIS UNTIL CONSTRUCTION OPERATIONS ARE COMPLETED.
- 28. UPON COMPLETION OF THE PROPOSED DRAINAGE WORK, THE CONTRACTOR SHALL CLEAN THE NEW SYSTEM, REMOVE ALL POLLUTION CONTROL DEVICES FROM THE NEW AND EXISTING SYSTEM, AND CLEAN THE EXISTING STRUCTURES AND DRAINAGE SYSTEM AT NO ADDITIONAL COST.
- 29. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE, REMOVAL OR MODIFICATION, ACCIDENTALLY OR PURPOSELY, CAUSED TO ANY IRRIGATION SYSTEMS, PRIVATE OR PUBLIC. THE CONTRACTOR SHALL INCLUDE COSTS TO REPLACE ANY DAMAGED, REMOVED OR MODIFIED IRRIGATION PIPES, SPRINKLER HEADS OR OTHER PERTINENT APPURTENANCES AS PART OF THE PAY ITEM 110-1-1 CLEARING & GRUBBING.
- 30. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE INTEGRITY OF AND MAKING THE REPAIRS OF EXISTING PAVEMENT, PIPES, CONDUITS, CURBS, CABLES, TREES, SOD, LANDSCAPE ITEMS, ETC., WHETHER OR NOT SHOWN ON THE PLANS DAMAGED AS A RESULT OF THE CONTRACTORS OPERATIONS AND/OR THOSE OF HIS SUBCONTRACTORS, AND SHALL INCLUDE THE COST TO RESTORE THEM AS PART OF THE PAY ITEM 110-1-1 CLEARING & GRUBBING. CONTRACTOR SHALL REPORT ANY DAMAGE TO SIDEWALK, ETC., PRIOR TO BEGINNING WORK IN ANY AREA.
- 31. ALL SIDEWALK IMPACTED BY CONSTRUCTION MUST BE REPLACED/REPAIRED BY THE CONTRACTOR AT NO COST TO THE PROJECT. WORK INCLUDES ALL MEASURES NECESSARY TO COMPLY WITH ADA STANDARDS AND REQUIREMENTS.
- 32. COMPLETE "AS-BUILT" INFORMATION RELATIVE TO LOCATION, SIZE AND DEPTH OF NEW PIPES, EXFILTRATION TRENCH MANHOLES, INLETS, ETC,. SHALL BE ACCURATELY RECORDED BY THE CONTRACTOR AND SUBMITTED (SIGNED AND SEALED BY A FLORIDA CERTIFIED P.L.S.) PRIOR TO FINAL

ACCEPTANCE OF THE WORK. ALL RECORD INFORMATION ON EXISTING UTILITY CROSSINGS ENCOUNTERED DURING CONSTRUCTION, INCLUDING BUT NOT LIMITED TO PIPES, INLETS, MANHOLES, ETC., SHALL BE RECORDED BY A FLORIDA REGISTERED SURVEYOR AND SHOWN ON THE RECORD DRAWINGS. THE COST OF SIGNED AND SEALED AS-BUILTS SHALL BE INCLUDED IN THE COST OF THE OVERALL BID.

- 33. DURING CONSTRUCTION, THE PROJECT SITE, STAGING AREA, AND ALL ADJACENT AREAS SHALL BE MAINTAINED IN A NEAT AND CLEAN MANNER. UPON FINAL CLEAN UP, THE PROJECT SITE SHALL BE LEFT CLEAR OF ALL SURPLUS MATERIAL OR TRASH. THE PAVED AREAS SHALL BE SWEPT BROOM CLEAN.
- 34. WHERE MATERIAL OR DEBRIS HAS WASHED OR FLOWED INTO OR BEEN PLACED IN WATER COURSES, GRAVITY SEWER, DITCHES, DRAINS, CATCH BASINS, OR ELSEWHERE AS A RESULT OF THE CONTRACTOR'S OPERATIONS, SUCH MATERIAL OR DEBRIS SHALL BE REMOVED AND SATISFACTORILY DISPOSED OF DURING PROGRESS OF THE WORK, AND THE AREA KEPT IN A CLEAN AND NEAT CONDITION.
- 35. THE CONTRACTOR SHALL GIVE THE ENGINEER OF RECORD AT LEAST 48
 HOURS ADVANCE NOTICE PRIOR TO BACKFILLING OR COMPLETING THE
 INSPECTION OF THE FOLLOWING ITEMS SO THE ENGINEER OF RECORD CAN
 PERFORM FIELD OBSERVATIONS:
 - A. STORM DRAINAGE.
- B. SUBGRADE; SUBMIT AND HAVE APPROVED DENSITIES PRIOR TO PLACEMENT OF ROCK.
- C. LIMEROCK BASE; SUBMIT AND HAVE APPROVED DENSITIES AND AS-BUILTS PRIOR TO THE PLACEMENT OF ANY ASPHALT.
- D. ASPHALTIC CONCRETE.

E. FINAL.

IF THE CONTRACTOR FAILS TO NOTIFY THE ENGINEER OF RECORD PRIOR TO COMPLETING THE ABOVE, THE ENGINEER RESERVES THE RIGHT TO ISSUE ANY CERTIFICATIONS OR FINAL INSPECTIONS.

- 36. PRIOR TO CONSTRUCTION OR INSTALLATION, SHOP DRAWINGS SHALL BE SUBMITTED TO AND APPROVED BY THE ENGINEER OF RECORD FOR THE FOLLOWING ITEMS: POLLUTION RETARDANT BAFFLES, INLETS GRATES, FRAMES AND CATCH BASINS AND ALL OTHER DRAINAGE STRUCTURES, DRAINAGE PIPE, BALLAST ROCK, EXFILTRATION TRENCH FILTER FABRIC, ASPHALT, LIMEROCK, ETC.
- 37. ALL DISPOSAL OF MATERIALS, RUBBISH AND DEBRIS ARE TO BE MADE AT A LEGAL DISPOSAL SITE OR BY OTHER PRE-APPROVED MANNER. MATERIAL CLEARED FROM THE SITE AND DISPOSED OF ON ADJACENT AND/OR NEARBY PROPERTY WILL NOT BE CONSIDERED AS HAVING BEEN DISPOSED OF SATISFACTORILY. REMOVAL OF ALL MATERIAL WILL BE AT THE CONTRACTOR'S EXPENSE.
- 38. ALL REQUIRED DENSITY AND LBR TEST RESULTS FOR SUBGRADE SHALL BE PERFORMED BY AN INDEPENDENT SOIL TESTING LABORATORY CERTIFIED IN THE STATE OF FLORIDA, PROVIDED EVERY 100 FT. AND APPROVED BY THE ENGINEER AND THE CITY OF PORT ST. LUCIE PRIOR TO THE PLACING THE LIMEROCK BASE MATERIAL.
- 39. CONTRACTOR SHALL SAWCUT EXISTING CONCRETE SIDEWALK, CURB AND GUTTER AT THE NEAREST FLAG OR JOINT PRIOR TO REMOVAL OR AS DIRECTED BY ENGINEER. ANY DAMAGE CONCRETE SIDEWALK OR CURB AND GUTTER SHALL BE REPLACED TO THE NEAREST FLAG AT CONTRACTOR'S EXPENSE.
- 40. AT AREAS WHERE THE ROADWAY BASE IS EXPOSED DUE TO MILLING OPERATIONS, THE CONTRACTOR WILL RE-ESTABLISH THE BASE BY REWORKING THE TOP 3", AND PLACE 1" OF SP-9.5.
- 41. WHERE LIMEROCK BASE IS EXPOSED DUE TO MILLING OPERATIONS, THE CONTRACTOR IS TO REWORK THE BASE TO AVOID LONG EXPOSURE, AND SHOULD PLACE THE STRUCTURAL PAVEMENT WITHIN 24 HOURS OF THE EXPOSURE. THE LENGTH OF BASE EXPOSURE IS LIMITED TO 200 FT.
- 42. DENSITY TESTS MUST BE PERFORMED AT NO MORE THAN 100 FT INTERVALS FOR EACH RUN. ADDITIONALLY, DENSITY TESTS SHALL BE TAKEN AT EACH PROPOSED DRAINAGE STRUCTURE LOCATION.
- 43. COST OF TREE PROTECTION BARRICADE SHOWN IN PLANS ARE INCLUDED IN THE PAY ITEM 110-1-1 CLEARING & GRUBBING. FOR THE TREE PROTECTION BARRICADE THAT WILL BE INSTALLED WITHIN THE RIGHT OF WAY REFER TO FDOT STANDARD PLANS INDEX 110-100 TREE PROTECTION AND PRESERVATION. ONLINE REFERENCE:

https://fdotwww.blob.core.windows.net/sitefinity/docs/default-source/design/standardplans/2022/idx/110-100.pdf?

SOIL EROSION, SEDIMENT, AND TURBIDITY CONTROL GENERAL NOTES

1. THIS PROJECT IS SUBJECT TO ALL RELATED ENVIRONMENTAL
REQUIREMENTS WHICH INCLUDE A "CONTROL OF EROSION AND
SEDIMENTATION PLAN". THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING
NECESSARY AND ADEQUATE MEASURES FOR PROPER CONTROL OF EROSION
DUE TO SEDIMENTATION RUNOFF FROM THE SITE PRIOR TO CONSTRUCTION
OPERATIONS IN A PARTICULAR AREA. ALL SEDIMENTATION AND EROSION
CONTROL MEASURES SHALL BE IN PLACE PRIOR TO START OF

- CONSTRUCTION. FIELD ADJUSTMENTS WITH RESPECT TO LOCATIONS AND DIMENSIONS MAY BE MADE BY THE ENGINEER AS REQUIRED.
- EROSION CONTROL MEASURES WILL BE INSPECTED AT LEAST WEEKLY AND AFTER EACH RAIN FOR DAMAGE AND GENERAL EFFECTIVENESS. ANY DAMAGED OR INEFFECTIVE CONTROLS SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR.
- 3. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED, IF DEEMED NECESSARY, BY THE ON-SITE INSPECTOR.
- 4. EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES.
 TEMPORARY AND PERMANENT MAINTENANCE OF ALL EROSION AND SEDIMENT
 CONTROL MEASURES SHALL BE THE SOLE RESPONSIBILITY OF THE
 CONTRACTOR.
- 5. ALL TEMPORARY SEDIMENT CONTROL DEVICES SHALL BE LEFT IN PLACE AND MAINTAINED UNTIL THE AREA HAS BEEN COMPLETELY STABILIZED WITH PERMANENT VEGETATION.
- 6. ALL CONSTRUCTION EXITS SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OF FLOW OF MUD ON TO ANY PUBLIC RIGHT-OF-WAY. THIS SHALL REQUIRE PERIODIC TOP DRESSING WITH STONE, AS CONDITIONS REQUIRE. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED ON TO PUBLIC RIGHT-OF-WAY OR INTO STORM DRAINS SHALL BE PROMPTLY REMOVED BY THE CONTRACTOR.
- 7. CONTRACTOR SHALL INSTALL AND MAINTAIN INLET PROTECTION SYSTEMS AT EVERY INLET UNTIL THE PROJECT IS COMPLETED.
- 8. CONTRACTOR SHALL SOD GRASS AREAS DAMAGED DURING CONSTRUCTION AT NO ADDITIONAL COST TO OWNER.CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE ENVIRONMENTAL PROTECTION AGENCY (EPA) AND THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES).

ENVIRONMENTAL NOTES:

1. DURING CONSTRUCTION ANY GENERATED DEBRIS SHALL BE CONFINED TO THE IMMEDIATE CONSTRUCTION AREA. APPROPRIATE SCREENS AND BARRIERS SHALL BE ERECTED TO PROTECT PEDESTRIAN, BICYCLE AND VEHICULAR TRAFFIC.

SIGNING AND PAVEMENT MARKING GENERAL NOTES:

- . ALL EXISTING SIGNS AND SUPPORTS WITHIN THE PROJECT LIMITS SHALL REMAIN UNLESS OTHERWISE SPECIFIED.
- 2. ALL SIGNING AND PAVEMENT MARKINGS INSTALLED AS PART OF THESE PLANS SHALL CONFORM TO THE CURRENT EDITION OF THE FEDERAL HIGHWAY ADMINISTRATION (FHWA) MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREET AND HIGHWAYS. ALL NEW SIGNS AND SUPPORTS PER FDOT LATEST STANDARD PLANS INDEX 700-010-1.
- 3. MATCH EXISTING PAVEMENT MARKINGS AT THE BEGINNING AND THE END OF THE PROJECT WITHOUT JOGS AND OFFSETS.
- 4. INCORRECTLY PLACED THERMOPLASTIC OR PAINT MARKINGS OVER FRICTION COURSE WILL BE REMOVED BY MILLING AND REPLACING THE FRICTION COURSE A MINIMUM WIDTH OF 18 INCHES AT THE CONTRACTOR'S EXPENSE. THE ENGINEER MAY APPROVE AN ALTERNATIVE METHOD IF IT CAN BE DEMONSTRATED TO COMPLETELY REMOVE THE MARKINGS WITHOUT DAMAGING THE ASPHALT.
- 5. THE CONTRACTOR IS TO PLACE REFLECTIVE PAVEMENT MARKERS (RPM'S) ALONG ALL LOCATIONS INDICATED IN THE PLANS, ONLY 4 INCH BY 4 INCH RETRO-REFLECTIVE PAVEMENT MARKERS WILL BE PERMITTED.
- THE CONTRACTOR IS TO PLACE BLUE RPM'S AT THE CENTER OF THE OUTSIDE LANE ALONG EACH BOUND, AT LOCATIONS OF THE EXISTING FIRE HYDRANTS.

IRRIGATION SYSTEM NOTES:

- THE CONTRACTOR SHOULD BE AWARE THAT THERE ARE PRIVATE IRRIGATION SYSTEM WITHIN THE PROJECT LIMITS. THE CONTRACTOR WILL COORDINATE WITH PROPERTY OWNERS TO AVOID ANY DAMAGE TO THESE IRRIGATION SYSTEMS. ANY REPAIRS TO ANY DAMAGE TO ANY IRRIGATION SYSTEM WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- 2. TO ENSURE THE ENTIRE EXISTING IRRIGATION SYSTEM IS RESTORED TO FULLY FUNCTIONAL CONDITION, THE CONTRACTOR AND MAINTAINING AGENCY ARE TO PERFORM A PRE-CONSTRUCTION VISUAL INSPECTION AND PERFORMANCE TEST TO DOCUMENT THE CONDITION OF THE EXISTING SYSTEM. ANY REPAIRS THAT ARE REQUIRED TO THE EXISTING SYSTEM TO REMAIN WILL BE PERFORMED BY THE MAINTAINING AGENCY PRIOR TO CONSTRUCTION. ANY EXISTING OR PROPOSED COMPONENTS THAT ARE DAMAGED DURING CONSTRUCTION OR THE WARRANTY PERIOD WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE ENTIRE SYSTEM MUST BE RESTORED TO THE SAME CONDITION IT WAS IN BEFORE THE START OF CONSTRUCTION.

 DATE
 DESCRIPTION
 DATE
 DESCRIPTION

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TRADITION PARKWAY IMPROVEMENTS

SHEET NO.

C-102

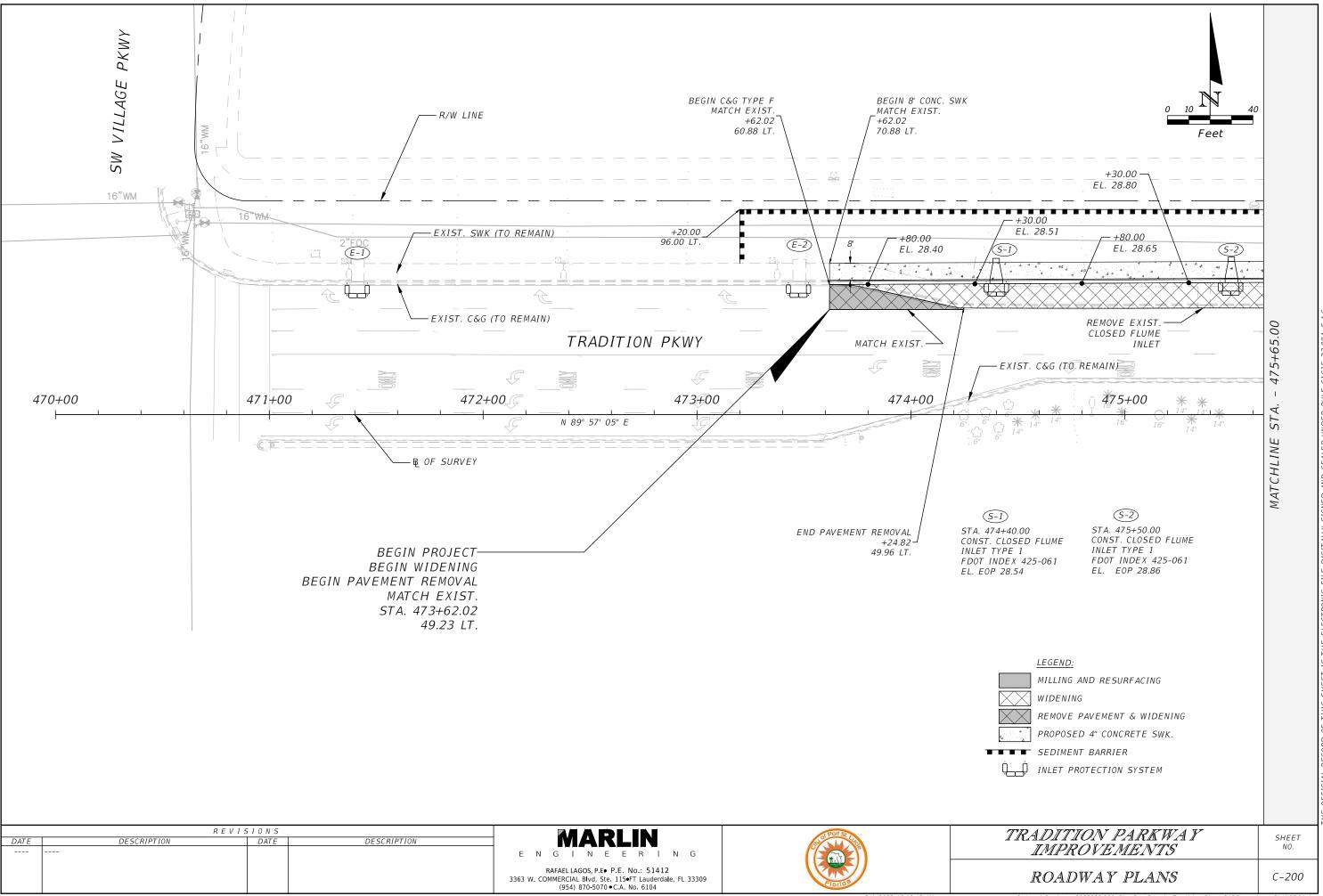
GENERAL NOTES

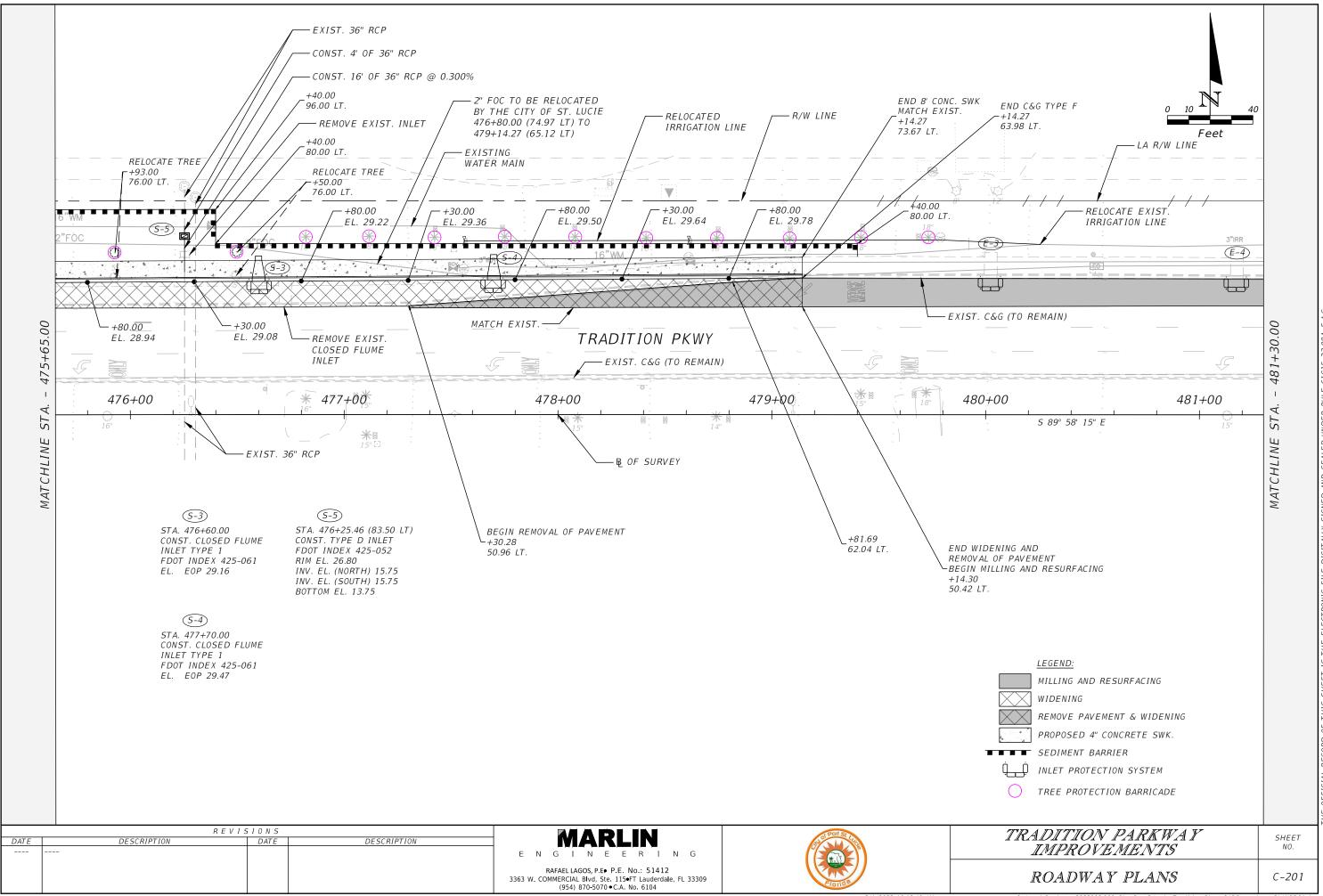
			COMPONENT				
PAY ITEM	DESCRIPTION	UNIT	ROADWAY			SPM	
NO.			PLAN	FINAL	PLAN	FINAL	
0101 1	MOBILIZATION	LS	1				
102 1	MAINTENANCE OF TRAFFIC	LS	1				
104 18	INLET PROTECTION SYSTEM	EA	10				
0104 10 3	SEDIMENT BARRIER	LF	668				
0107 1	LITTER REMOVAL	AC	5.04				
0107 2	MOWING	AC	3.78				
0110 1 1	CLEARING & GRUBBING	AC	0.38				
0110 410	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	523				
0120 1	REGULAR EXCAVATION	CY	462				
0120 6	EMBANKMENT	CY	339				
0160 4	TYPE B STABILIZATION	SY	877				
285 709	OPTIONAL BASE, BASE GROUP 09	SY	754				
0327 70 6	MILLING EXIST ASPH PAVT, 1 1/2" AVG DEPTH	SY	598				
0334 1 53	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC C, SP-9.5 PG76-22, 3.0" AVG	TN	124.4				
0337 7 83	ASPHALT CONCRETE FRICTION COURSE,TRAFFIC C, FC-12.5, PG 76-22	TN	111.6				
0425 1542	INLET, DT BOT, TYPE D, >10'	EA	1				
0425 1910	INLET, CLOSE FLUME	EA	4				
0430 175 136	PIPE CULVERT, OPT MATERIAL, ROUND, 36"S/CD	LF	20				
0520 110	CONCRETE CURB & GUTTER, TYPE F	LF	528				
0522 1	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	481				
0570 1 2	PERFORMANCE TURF, SOD	SY	144				
0581 1 5	RELOCATE TREES AND PALMS TREES, TREES, >=5" DIAMETER AT BREAST HEIGHT	EA	2				
P-1	RELOCATE IRRIGATION SYSTEM - PARTIAL	LS	1				
0700 1 11	SINGLE POST SIGN, GROUND MOUNT, FURNING & INSTALL	AS			2		
0700 1 40	SINGLE POST SIGN, GROUND MOUNT, INSTALL (FURNISHED BY LOCAL AGENCY)	AS			1		
0700 1 50	SINGLE POST SIGN, RELOCATE	AS			1		
0700 1 60	SINGLE POST SIGN, REMOVE	AS			2		
0700 2 50	MULTI-POST SIGN, GROUND MOUNT, RELOCATE	AS			1		
0706 3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	EA			7		
0710 90	PAINTED PAVEMENT MARKINGS - FINAL SURFACE	LS			1		
)711 11160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA			6		
)711 11170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA			3		
0711 16 101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM			0.186		
0711 16 131	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SKIP, 6", 3-9 SKIP	GM			0.133		
0711 16 131	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SKIP, 6", 10-30 SKIP	GM			0.053		

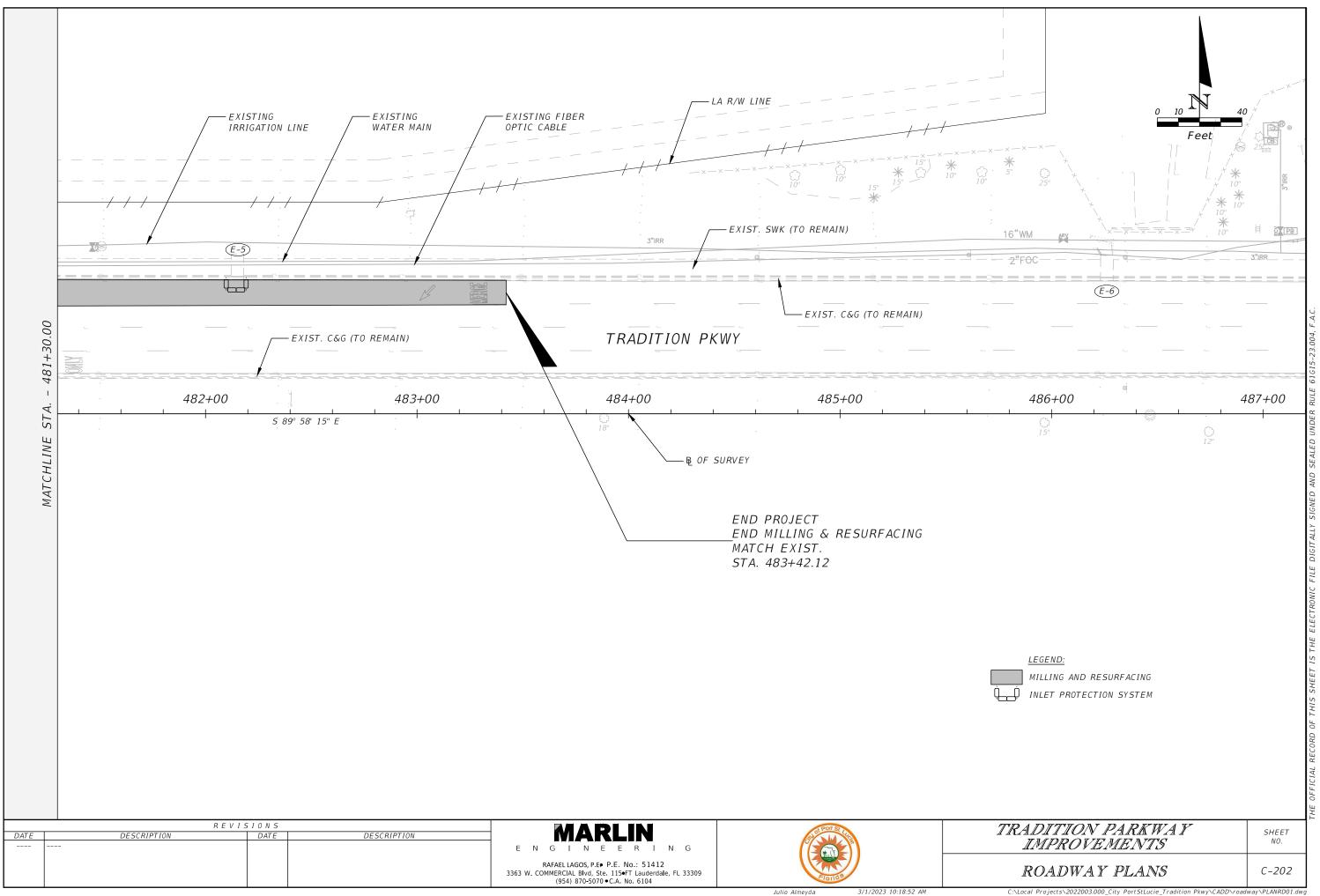
	REVI	5 I O N S		
DATE	DESCRIPTION	DATE	DESCRIPTION	MARLIN
				E N G I N E E R I N G RAFAEL LAGOS, P.E. • P.E. No.: 51412 3363 W. COMMERCIAL Blvd, Ste. 115•FT Lauderdale, FL 33309 (954) 870-5070 • C.A. No. 6104

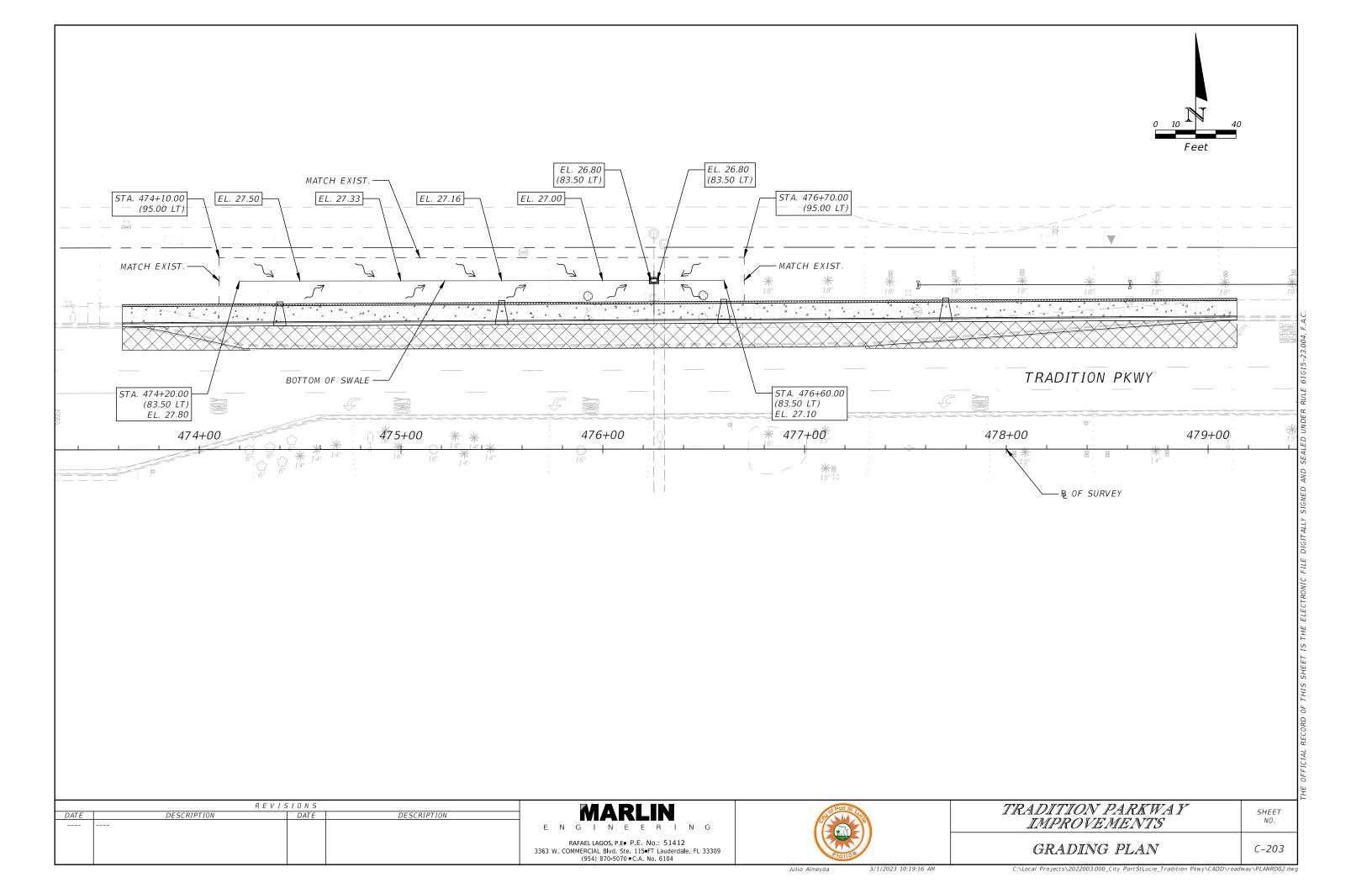


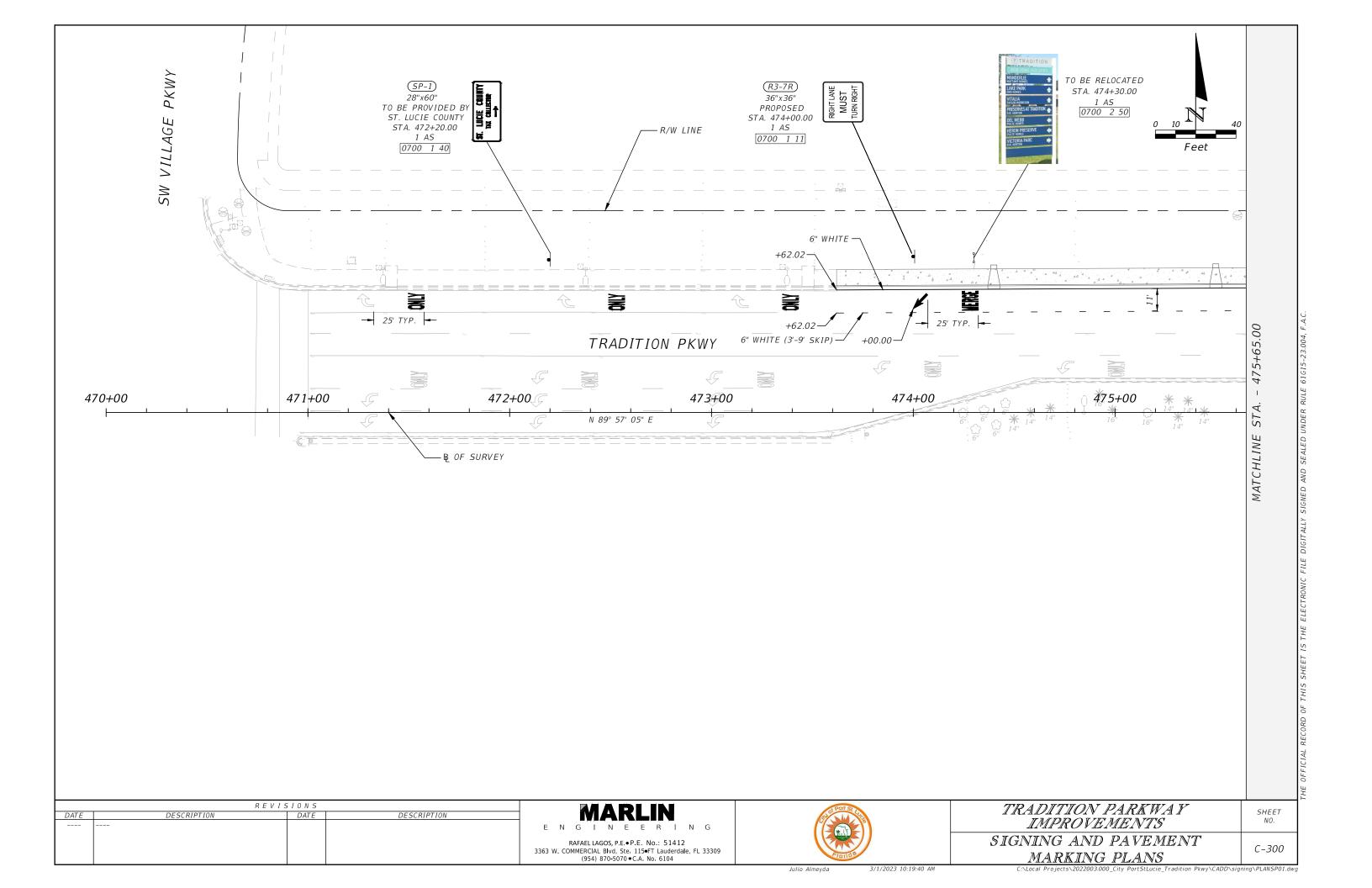
TRADITION PARKWAY	SHEET
IMPROVEMENTS	NO.
TABULATION OF QUANTITIES	C-103

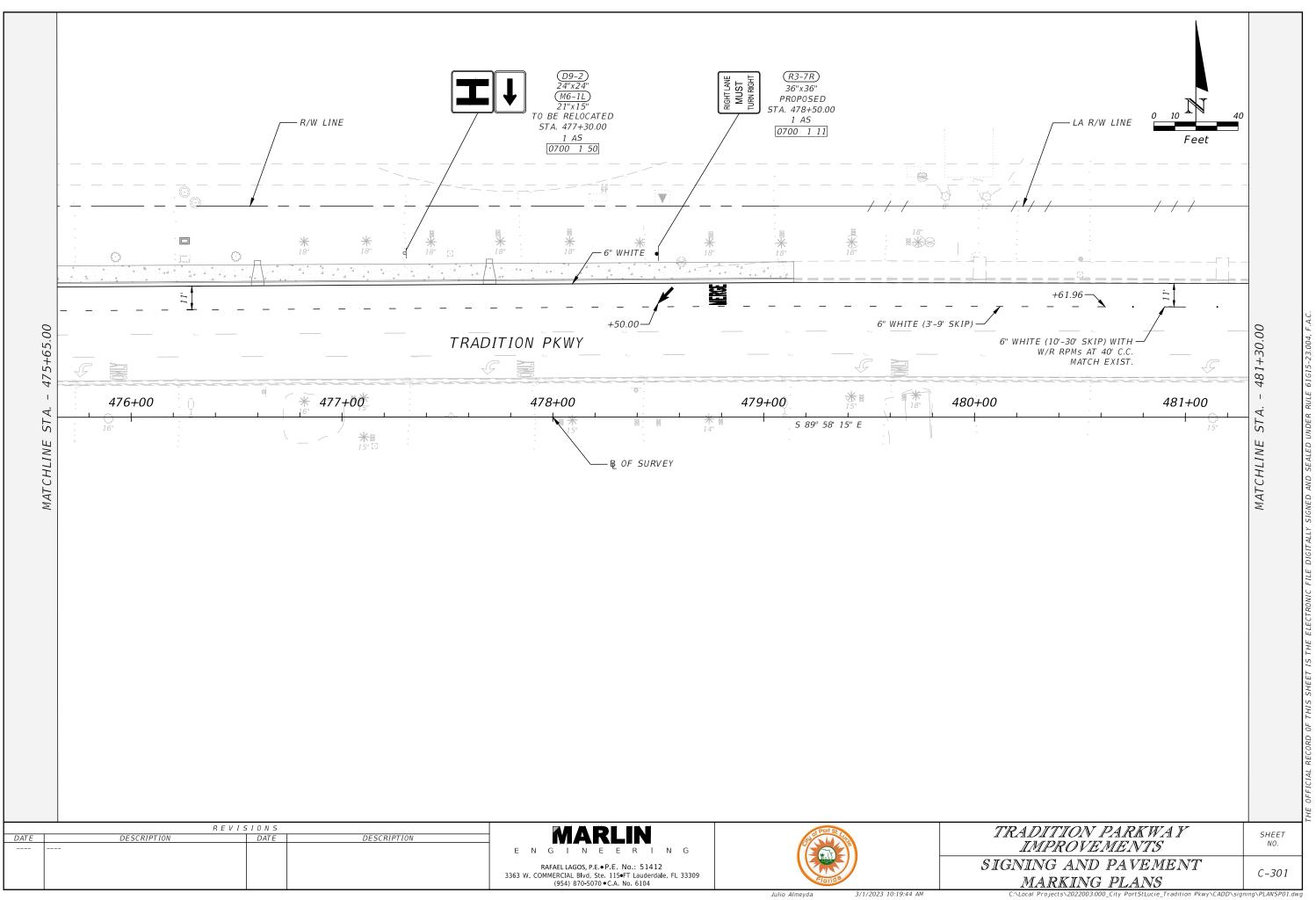


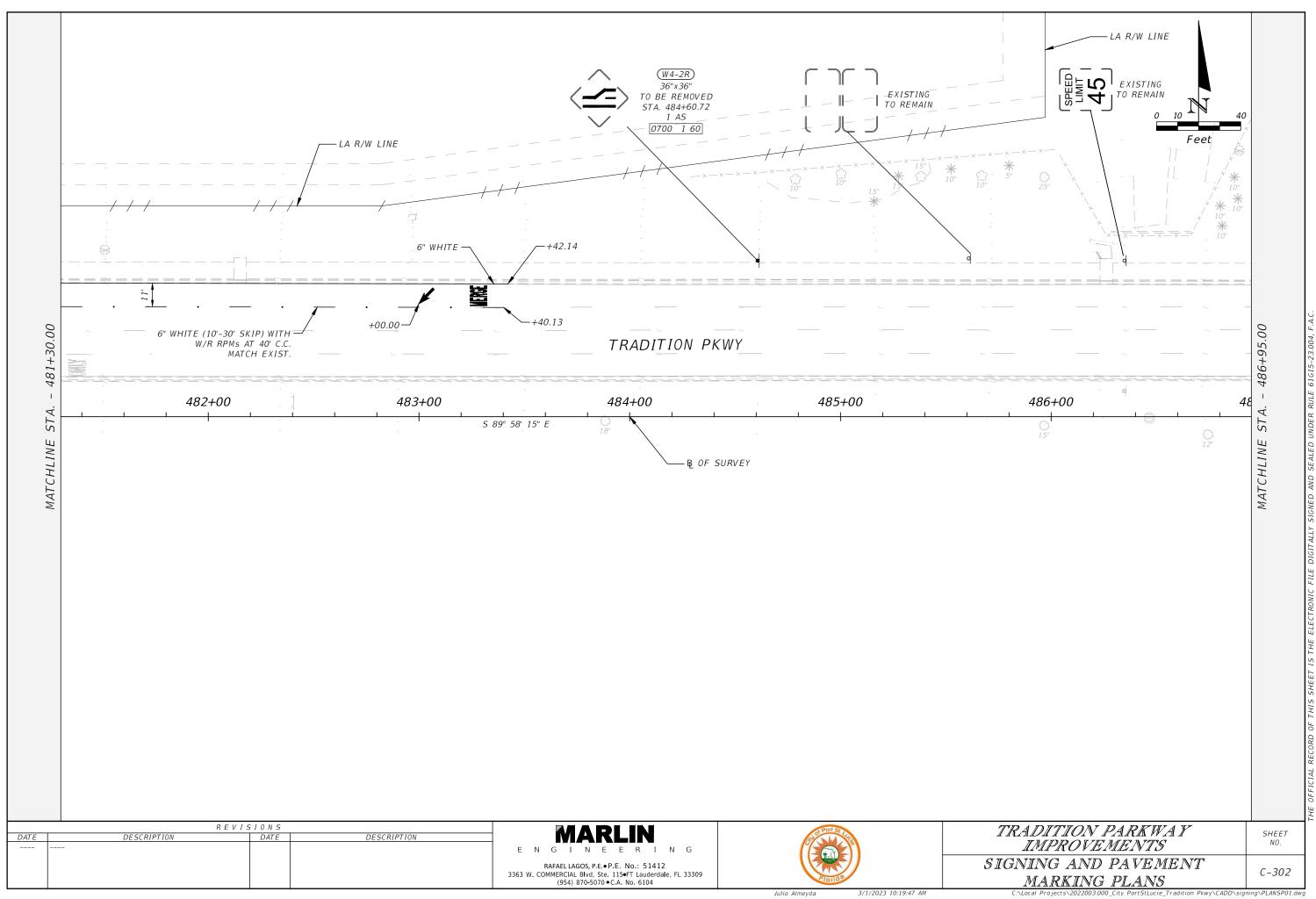


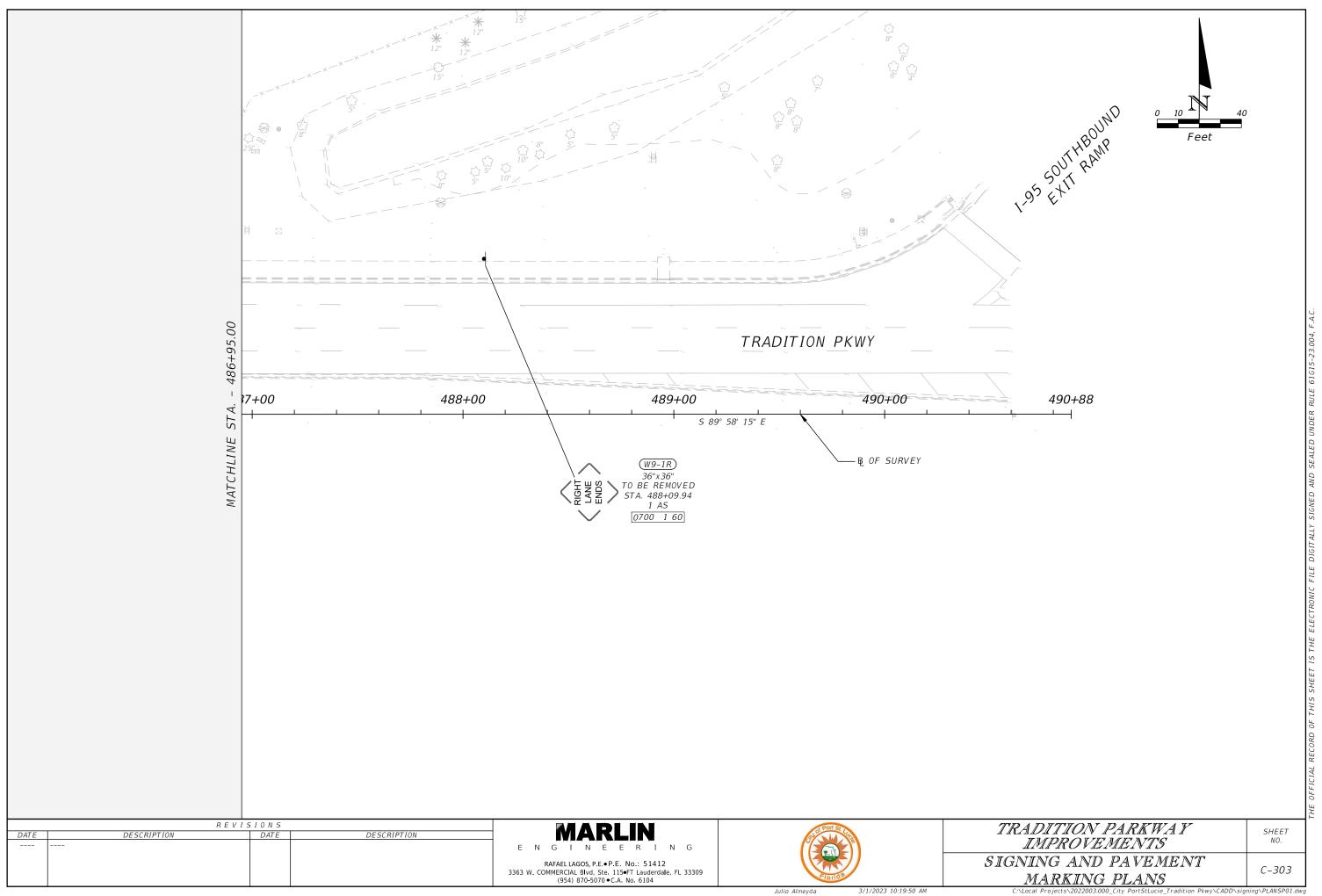












- 1. TRAFFIC CONTROLS SHALL BE IN ACCORDANCE WITH THE PROJECT PLANS, THE CURRENT EDITION OF THE FLORIDA DOT STANDARD PLANS FOR ROADWAY CONSTRUCTION (STANDARD PLANS INDEX 102) AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (2009 EDITION) AS MINIMUM CRITERIA.
- 2. THE CONTRACTOR SHALL IMMEDIATELY REPAIR ALL POTHOLES THAT DEVELOP WITHIN THE PROJECT LIMITS AND WILL MAINTAIN A SUPPLY OF COLD MIX ON THE PROJECT SITE TO EXPEDITE THOSE REPAIRS. COST OF REPAIR TO BE INCLUDED IN PAY ITEM 102-1, MAINTENANCE OF TRAFFIC.
- 3. THE TRAFFIC AND TRAVEL WAYS SHALL NOT BE ALTERED BY THE CONTRACTOR TO CREATE A WORK ZONE UNTIL ALL LABOR AND MATERIAL ARE AVAILABLE FOR THE CONSTRUCTION IN THAT AREA.
- 4. LANE CLOSURES SHALL OCCUR FROM:

8:00 PM TO 6:00 AM - SUNDAY THRU THURSDAY NO WORK TO BE PERFORMED FRIDAYS OR SATURDAYS

- 5. REGULATORY SPEED ESTABLISHED SHALL REMAIN THE SAME AS EXISTING POSTED SPEED
- 6. AS DETERMINED BY THE ENGINEER, THE CONTRACTOR SHALL COVER WORK ZONE SIGNS WHEN CONDITIONS NO LONGER WARRANT THEIR USE. COST OF COVERING AND UNCOVERING THE SIGNS SHALL BE INCLUDED IN PAY ITEM 102-1, MAINTENANCE OF TRAFFIC.
- 7. CONTRACTOR SHALL REMOVE, RELOCATE OR COVER ANY EXISTING OR PROPOSED SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL PLANS. WHEN THE CONFLICT NO LONGER EXISTS, THE CONTRACTOR SHALL RESTORE THE SIGNS TO THEIR ORIGINAL POSITION. COST OF TEMPORARILY REMOVING, RELOCATING, COVERING AND RESTORING THE SIGNS SHALL BE INCLUDED IN PAY ITEM 102-1, MAINTENANCE OF TRAFFIC.
- 8. CONTRACTOR SHALL BE RESPONSIBLE FOR THE IMMEDIATE REMOVAL OF STORM WATER FROM ROADWAYS UTILIZED FOR MAINTAINING TRAFFIC IN A MANNER APPROVED BY THE ENGINEER. COST FOR REMOVING THE WATER SHALL BE INCLUDED IN PAY ITEM 102-1, MAINTENANCE OF TRAFFIC.
- 9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING OR REPLACING AT HIS OWN EXPENSE ANY ITEMS DAMAGED DUE TO HIS PERSONNEL OR EQUIPMENT INSIDE AND/OR OUTSIDE OF THE CONSTRUCTION AREA.
- 10. CONTRACTOR SHALL INSURE THAT ALL MUD OR ANY OTHER TYPE OF DEBRIS IS CLEANED FROM THE ADJACENT ROADWAY (WHERE APPLICABLE) AT THE END OF EACH DAY. CONTRACTORS SHALL BE LIABLE FOR ANY PERSONAL OR PROPERTY DAMAGE CAUSED BY ANY TYPE OF DEBRIS LEFT ON ROADWAYS AND/OR PEDESTRIAN WAYS.
- 11. CONTRACTOR SHALL AVOID DAMAGING EXISTING IRRIGATION SYSTEMS. IN CASE OF DAMAGE, THE CONTRACTOR SHALL REPLACE IRRIGATION SYSTEMS TO MATCH EXISTING CONDITIONS AND LOCATION AT HIS EXPENSE.
- 12. CONTRACTOR SHALL COMPLY WITH THE CITY OF PORT ST. LUCIE NOISE ORDINANCE. ANY EXCEPTIONS SHALL BE SUBMITTED TO THE BUILDING DEPARTMENT FOR APPROVAL IN WRITING.
- 13. ALL CONSTRUCTION EXITS SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OF FLOW OF MUD ONTO ANY PUBLIC RIGHT-OF-WAY. THIS SHALL REQUIRE PERIODIC TOP DRESSING WITH STONE, AS CONDITIONS REQUIRE. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED ON TO PUBLIC RIGHT-OF-WAY OR INTO STORM DRAINS SHALL BE PROMPTLY REMOVED BY THE CONTRACTOR.
- 14. THE CONTRACTOR SHALL ALLOW VEHICULAR AND PEDESTRIAN ACCESS AT ALL TIMES.
- 15. THE CONTRACTOR SHALL PROVIDE TEMPORARY PAVEMENT MARKINGS WITHIN THE SAME DAY THEY WERE REMOVED DUE TO CONSTRUCTION

DROP OFFS:

16. THE CONTRACTOR'S ATTENTION IS DIRECTED TO CURRENT FDOT STANDARD PLAN INDEX 102-600, SHEET 9 OF 12.

ADVANCE CONSTRUCTION NOTICE:

17. FURNISH AND MAINTAIN PORTABLE CHANGING MESSAGE SIGNS (PCMS) ON THE I-95 SOUTHBOUND TRADITION PKWY/GATLIN BLVD EXIT RAMP AND ON WESTBOUND GATLIN BLVD 200' IN ADVANCE OF THE FIRST WORK ZONE SIGN. UTILIZE PCMS MESSAGES AS INDICATED IN THE PCMS DETAILS OR AS DIRECTED BY THE ENGINEER.

PEDESTRIANS:

- 18. DURING THE ENTIRE CONSTRUCTION OF THE PROJECT, ANY DROP OFF ADJACENT TO THE EXISTING SIDEWALK SHALL BE BACKFILLED FLUSHED WITH THE SIDEWALK OR SHALL BE PROTECTED WITH BARRICADES.
- 19. CHANNELIZING DEVICES SHALL BE USED TO PREVENT PEDESTRIAN FROM ENTERING THE WORKZONE. COST SHALL BE INCLUDED IN PAY ITEM 102-1, MAINTENANCE OF TRAFFIC.

COORDINATION:

- 20. THE CONTRACTOR IS TO COORDINATE THE CONSTRUCTION OF THE PROJECT WITH HALLEY ENGINEERING CONTRACTORS, INC., WHICH IS THE CONTRACTOR FOR THE ONGOING FOOT I-95 INTERCHANGE IMPROVEMENT PROJECT AT TRADITION PARKWAY/GATLIN BLVD.
- 21. THE CONTRACTOR SHALL SUBMIT A ROAD CLOSURE REQUEST FORM TO THE CITY OF PORT ST. LUCIE 48 HOURS PRIOR TO THE CLOSURE.

PHASE 1: ROADWAY WIDENING - SIDEWALK AND DRAINAGE CONSTRUCTION

- 1. PLACE ALL THE TRAFFIC CONTROL DEVICES AND TEMPORARY SIGNING NECESSARY TO CLOSE THE TWO NORTHERNMOST WB LANES ON TRADITION PARKWAY WEST OF THE I-95 SB EXIT RAMP, AND THE NORTHERNMOST WB LANE EAST OF THE I-95 SB EXIT RAMP AS SHOWN ON PHASE 1 LAYOUT.
- 2. COVER THE EXISTING "RIGHT TURN ON RED RIGHT LANE ONLY" OVERHEAD MAST ARM SIGN AT THE I-95 SB EXIT RAMP, TO ALLOW BOTH SB/WB LANES TO TURN ONLY DURING GREEN PHASE.
- 3. CLOSE THE SIDEWALK ALONG THE NORTH SIDE OF TRADITION PARKWAY, FROM VILLAGE PKWY TO SW BRESCIA ST AS SHOWN ON THE PHASE 1 LAYOUT. PROVIDE PEDESTRIAN DETOUR IN ACCORDANCE WITH THE FDOT STANDARD PLANS INDEX 102-660
- 4. OPEN LANES TO TRAFFIC.
- 5. CONSTRUCT ROADWAY WIDENING EXCLUDING FRICTION COURSE, CURB AND GUTTER, DRAINAGE, SIDEWALK, EARTH WORK, RELOCATE TREES, AND INSTALL AND REMOVE SIGNS.

PHASE 2: MILLING AND RESURFACING OPERATIONS - PLACEMENT OF PAVEMENT MARKINGS

- 1. PLACE ALL THE TRAFFIC CONTROL DEVICES AND TEMPORARY SIGNING NECESSARY TO CLOSE THE NORTHERNMOST WB LANE ON TRADITION PARKWAY WEST OF THE I-95 SB EXIT RAMP, AND THE NORTHERNMOST WB LANE EAST OF THE I-95 SB EXIT RAMP AS SHOWN ON PHASE 2 LAYOUT.
- P. MAINTAIN THE SIDEWALK CLOSED ALONG THE NORTH SIDE OF TRADITION PARKWAY, FROM VILLAGE PKWY TO SW BRESCIA ST AS SHOWN ON THE PHASE 2 LAYOUT. PROVIDE PEDESTRIAN DETOUR IN ACCORDANCE WITH THE FDOT STANDARD PLANS INDEX 102-660.
- 3. OPEN LANES TO TRAFFIC.
- 4. PROVIDE MILLING AND RESURFACING OPERATIONS AND PLACE PAVEMENT MARKINGS.

PCMS DETAILS

STARTING 2 WEEKS PRIOR TO COMMENCEMENT OF CONSTRUCTION

TRADITION ROAD WORK "BEGIN DATE" TO "END DATE"

DURING CONSTRUCTION

ROAD WORK AHEAD EXPECT DELAYS

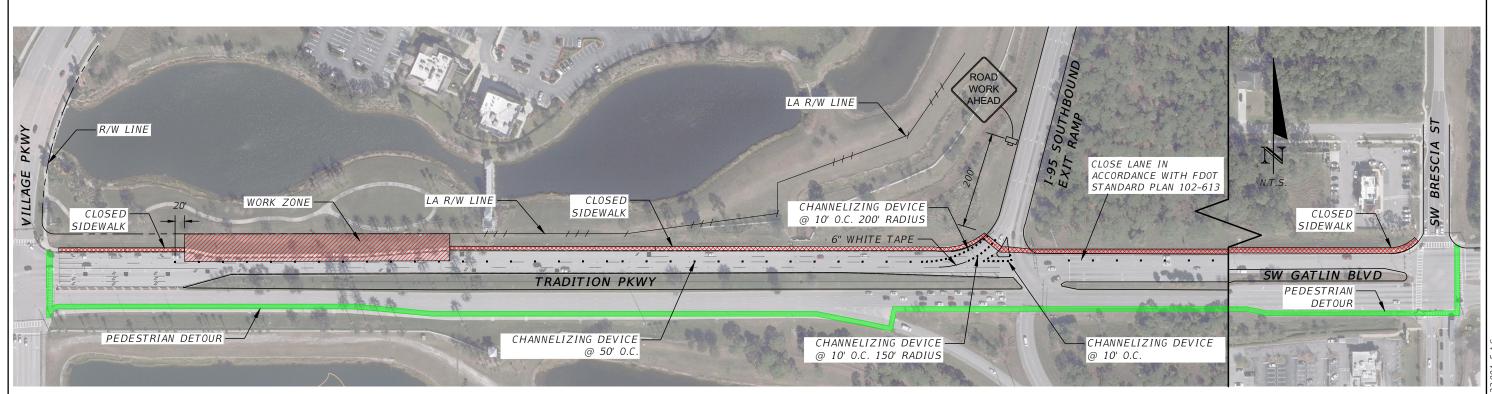


TRADITION PARKWAY IMPROVEMENTS

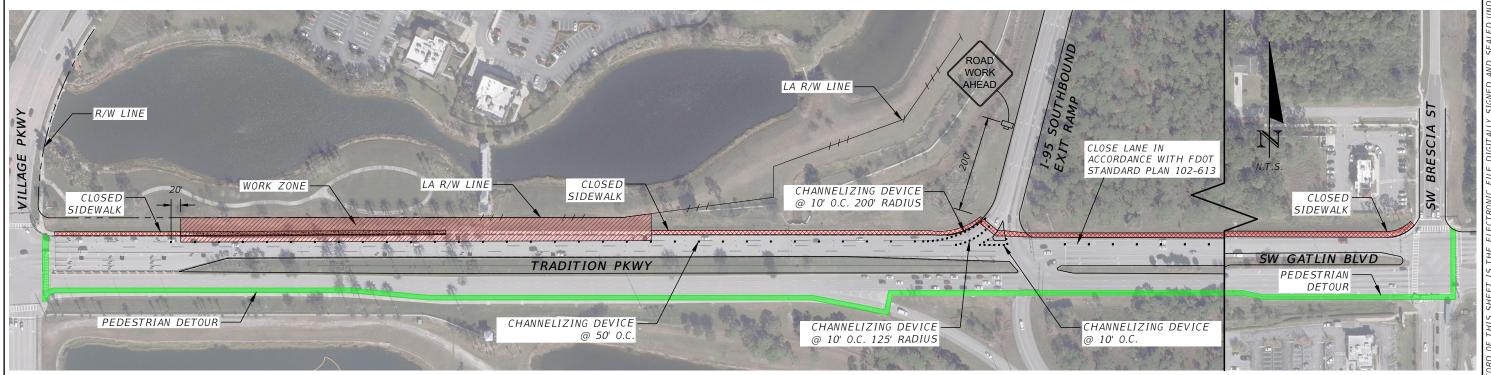
NO.

TEMPORARY TRAFFIC CONTROL

SHEET







PHASE 2

REVISIONS				
DATE	DESCRIPTION	DATE	DESCRIPTION	MARLIN
				E N G I N E E R I N G
				RAFAEL LAGOS, P.E. • P.E. No.: 51412 3363 W. COMMERCIAL Blvd, Ste. 115•FT Lauderdale, FL 33309 (954) 870-5070 • C.A. No. 6104



TRADITION PARKWAY IMPROVEMENTS
TEMPORARY TRAFFIC CONTROL

C-401