

PROJECT LOCATION

PROJECT LOCATION

CITY OF PORT ST. LUCIE

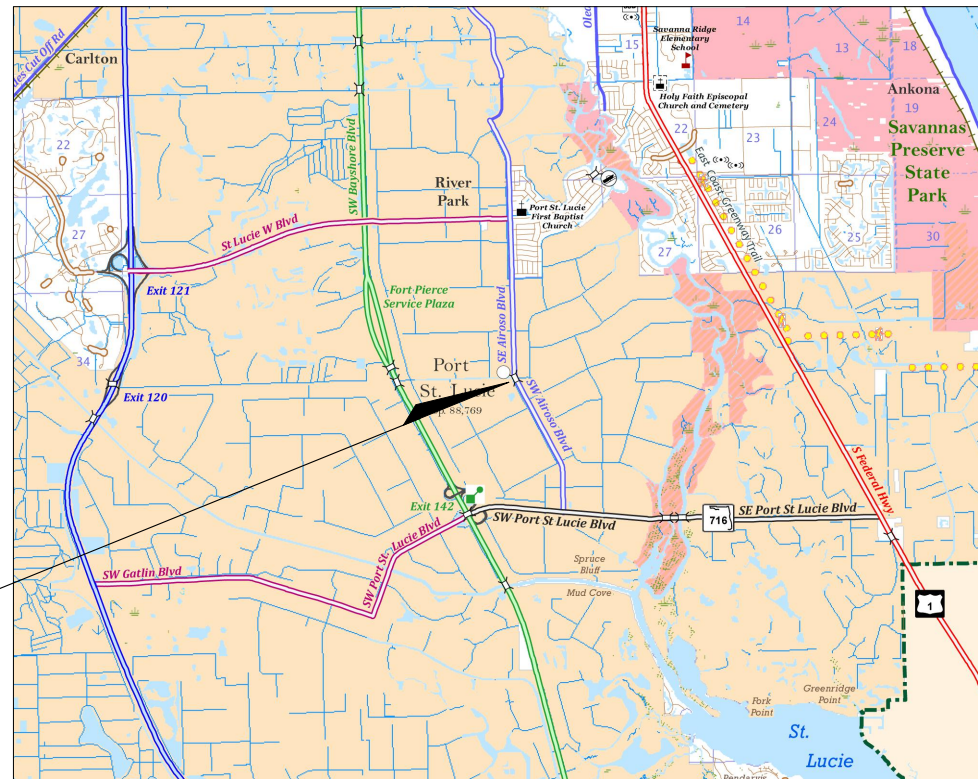
SW AIROSO BLVD. MEDIAN IMPROVEMENTS



INDEX OF SHEETS

SHEET NO.	SHEET DESCRIPTION
C-100	COVER SHEET
C-101	GENERAL NOTES
C-102	TABULATION OF QUANTITIES
C-200 - C-202	ROADWAY PLAN
C-203	ROADWAY DETAILS
C-300 - C-302	SIGNING AND PAVEMENT MARKING PLAN
C-400	TEMPORARY TRAFFIC CONTROL PLAN
C-500 - C-501	GUIDE SIGN WORK SHEET
*1 - 5 OF 5	AIROSO BOULEVARD TOPOGRAPHIC SURVEY

*THESE SHEET ARE INCLUDED IN THE INDEX OF SHEETS ONLY TO INDICATE THAT THEY ARE PART OF THE CONSTRUCTION PLANS. THESE SHEETS ARE CONTAINED IN A SEPARATE DIGITALLY SIGNED AND SEALED DOCUMENT.



LOCATION MAP

UTILITY PROVIDERS

Florida Power & Light

Joel Bray
386-586-6403
joel.bray@fpl.com

City Of Port St. Lucie Public Works

Paul Johnson
Traffic Operations Administrator
772-871-5182
pjohnson@cityofpsl.com

Public Works Department

Orlando Betancourt
Project Coordinator -Traffic
121 SW Port St Lucie Blvd
Port St Lucie, FL 34984
772-344-4014

DESIGN TEAM

CIVIL ENGINEER & SURVEYOR:

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

GOVERNING STANDARD SPECIFICATIONS:
Florida Department of Transportation, FY 2023-24 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, FY2023-24 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>

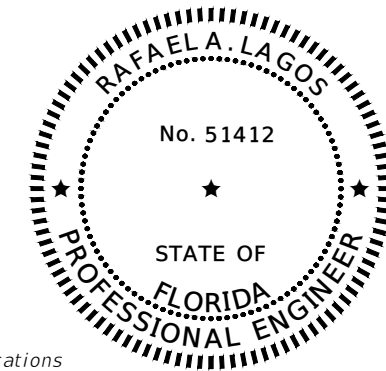
City of Port St. Lucie Engineering Standards for Land Development, Commercial, Residential Subdivisions, and Capital Improvement Projects.

PLANS ENGINEER OF RECORD:

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



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY

ON THE DATE ADJACENT TO THE SEAL

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

**KNOW WHAT'S BELOW
ALWAYS CALL 811
BEFORE YOU DIG**

It's fast, it's free, it's the law.

www.callsunshine.com

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
N/A	2024	C-100

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

GENERAL NOTES

- ALL MATERIALS AND CONSTRUCTION UNDER THIS PROJECT SHALL BE IN STRICT ACCORDANCE WITH THE LATEST STANDARDS, CODES AND SPECIFICATIONS OF THE CITY OF PORT ST. LUCIE, FLORIDA DEPARTMENT OF TRANSPORTATION AND THE FLORIDA BUILDING CODE, CURRENT EDITION.
- ALL STATIONS AND OFFSETS ARE REFERENCED TO THE CENTERLINE OF CONSTRUCTION. ELEVATIONS SHOWN HEREON RELATE TO NATIONAL AMERICAN VERTICAL DATUM, NAVD 1988.
- 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.
- ANY NAVD 1988 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 20852; TEL: (301) 443-8319
- 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.
- ITEMS IN CONFLICT WITH DESIGN SUCH AS EXISTING 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- ALL EXISTING PAVEMENT, CUT OR DAMAGED BY CONSTRUCTION SHALL BE PROPERLY RESTORED AT THE CONTRACTOR'S EXPENSE.
- 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.
- 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 CITY.
- 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.
 - STAGING AND MATERIAL STORAGE SHALL NOT BE CONDUCTED ON ABUTTING PRIVATE PROPERTY OR PUBLIC RIGHT OF WAY WITHOUT APPROVAL FROM THE CITY.
 - 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.
 - 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.
 - 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, AND THE ENGINEER OF RECORD.
 - THE CONTRACTOR IS TO USE CAUTION WHEN WORKING IN OR AROUND AREAS OF OVERHEAD TRANSMISSION LINES OR UNDERGROUND UTILITIES.
 - PRIOR TO COMMENCEMENT OF ANY EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH FLORIDA STATUTE 553.851 FOR THE PROTECTION OF UNDERGROUND GAS PIPELINES.
 - THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES THAT REMAIN IN PLACE.
 - ALL EXISTING DRAINAGE STRUCTURES SHALL BE PROTECTED FROM CONTAMINATION BY SILT AND CONSTRUCTION DEBRIS UNTIL CONSTRUCTION OPERATIONS ARE COMPLETED.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE INTEGRITY OF AND MAKING THE REPAIRS OF EXISTING PAVEMENT, CURB AND GUTTERS, 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. THE CONTRACTOR SHALL REPORT ANY EXISTING DAMAGE PRIOR TO BEGINNING WORK IN ANY AREA.
 - COMPLETE "AS-BUILT" INFORMATION 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. THE COST OF SIGNED AND SEALED AS-BUILTS SHALL BE INCLUDED IN THE COST OF THE OVERALL BID.
 - 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 SWEEPED BROOM CLEAN.
 - 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.
 - 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:
 - SUBGRADE; SUBMIT AND HAVE APPROVED DENSITIES PRIOR TO PLACEMENT OF ROCK.
 - LIMEROCK BASE; SUBMIT AND HAVE APPROVED DENSITIES AND AS-BUILTS PRIOR TO THE PLACEMENT OF ANY ASPHALT.
 - ASPHALTIC CONCRETE.
 - FINAL.
 IF THE CONTRACTOR FAILS TO NOTIFY THE ENGINEER OF RECORD PRIOR TO COMPLETING THE ABOVE, THE ENGINEER RESERVES THE RIGHT TO ISSE

- ANY CERTIFICATIONS OR FINAL INSPECTIONS.
- PRIOR TO CONSTRUCTION OR INSTALLATION, SHOP DRAWINGS SHALL BE SUBMITTED TO AND APPROVED BY THE ENGINEER OF RECORD FOR THE FOLLOWING ITEMS: ASPHALT, LIMEROCK, ETC.
 - 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.
 - 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.
 - 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.

- 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.

IRRIGATION NOTES

- AT LOCATIONS WHERE THE EXISTING MEDIAN IS BEING MODIFIED, THE CONTRACTOR SHALL VERIFY THE EXISTENCE OF ANY IRRIGATION SYSTEM. IF ENCOUNTERED, THE IRRIGATION SYSTEM NEEDS TO BE MODIFIED AND CAPPED. ALL THE COST ASSOCIATED WITH THESE MODIFICATIONS WILL BE INCLUDED IN PAY ITEM 0110-1-1 CLEARING AND GRUBBING.

SOIL EROSION, SEDIMENT, AND TURBIDITY CONTROL GENERAL NOTES

- 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.
- ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED, IF DEEMED NECESSARY, BY THE ON-SITE INSPECTOR.
- 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.
- 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.
- CONTRACTOR SHALL INSTALL AND MAINTAIN INLET PROTECTION SYSTEMS AT EVERY INLET UNTIL THE PROJECT IS COMPLETED.
- 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:

- 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.
- 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.
- MATCH EXISTING PAVEMENT MARKINGS AT THE BEGINNING AND THE END OF THE PROJECT WITHOUT JOGS AND OFFSETS.
- 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.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
---	---		

MARLIN
ENGINEERING

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



SW AIROSO BLVD. MEDIAN IMPROVEMENTS

GENERAL NOTES

SHEET NO.
C-101

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						
PAY ITEM NO.	DESCRIPTION	UNIT	COMPONENT			
			ROADWAY		SPM	
			PLAN	FINAL	PLAN	FINAL
0101 1	MOBILIZATION	LS	1			
0102 1	MAINTENANCE OF TRAFFIC	LS	1			
104 10 3	SEDIMENT BARRIER	LF	299			
104 18	INLET PROTECTION SYSTEM	EA	9			
0107 1	LITTER REMOVAL	AC	2.60			
0107 2	MOWING	AC	1.39			
0110 1 1	CLEARING & GRUBBING	AC	0.18			
0110 4 10	REMOVAL OF EXISTING CONCRETE	SY	102			
0120 1	REGULAR EXCAVATION	CY	54.0			
0160 4	TYPE B STABILIZATION	SY	673			
0285 709	OPTIONAL BASE, BASE GROUP 09	SY	278			
0327 70 12	MILLING EXIST ASPH PAVT, 1 1/4" AVG DEPTH	SY	3166			
0334 1 12	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	TN	45.8			
0337 7 82	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-9.5, PG 76-22	TN	212.5			
0425 1351	INLETS, CURB, TYPE P-5, <10'	EA	1			
0430 175 215	PIPE CULVERT, OPTIONAL MATERIAL, OTHER-ELIP/ARCH, 15" S/CD	LF	4			
0520 1 7	CONCRETE CURB & GUTTER, TYPE E	LF	281			
0520 1 10	CONCRETE CURB & GUTTER, TYPE F	LF	482			
0520 5 11	TRAFFIC SEPARATOR CONCRETE- TYPE I, 4' WIDE	LF	461			
0522 2	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	141			
0570 1 2	PERFORMANCE TURF, SOD	SY	40			
PI-1	STAMPED CONCRETE	SY	80			
0700 1 11	SINGLE POST SIGN, GROUND MOUNT, FURNING & INSTALL	AS			4	
0700 1 13	SINGLE POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS			4	
0700 1 60	SINGLE POST SIGN, REMOVE	AS			4	
0706 1 3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	EA			148	
0710 12290	PAINTED PAVEMENT MARKINGS, DURABLE PAINT, YELLOW, ISLAND NOSE	SF			50	
0710 90	PAINTED PAVEMENT MARKINGS - FINAL SURFACE	LS			1	
0711 11123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF			403	
0711 11124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF			220	
0711 11125	TERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF			54	
0711 11170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA			14	
0711 11241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE /6-10 DOTTED EXTENSION LINE, 6"	GM			0.040	
0711 14125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF			332	
0711 16 101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM			0.160	
0711 16 102	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8"	GM			0.195	
0711 16131	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SKIP, 6", 10-30 SKIP OR 3-9 LANE DROP	GM			0.029	
0711 16 201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM			0.339	

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
---	---		

MARLIN
 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



SW AIROSO BLVD. MEDIAN IMPROVEMENTS

TABULATION OF QUANTITIES

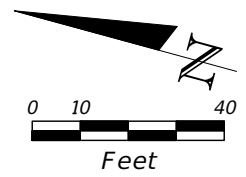
SHEET NO.

C-102

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

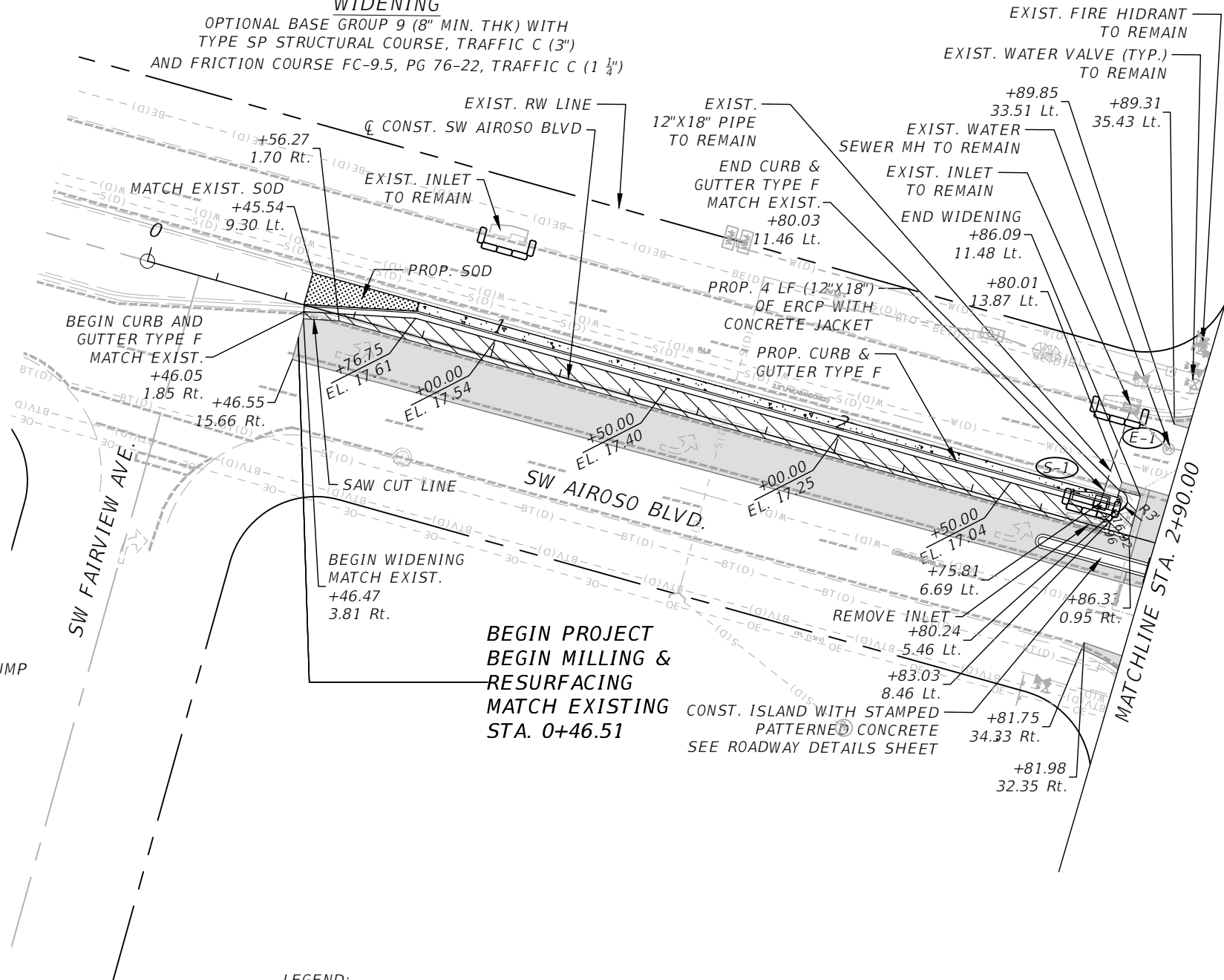
MILLING AND RESURFACING
 MILL EXISTING ASPHALT PAVEMENT 1 1/4" (AVG. DEPTH)
 RESURFACE WITH FC-9.5, PG 76-22, TRAFFIC C (1 1/4")

WIDENING
 OPTIONAL BASE GROUP 9 (8" MIN. THK) WITH
 TYPE SP STRUCTURAL COURSE, TRAFFIC C (3")
 AND FRICTION COURSE FC-9.5, PG 76-22, TRAFFIC C (1 1/4")








(S-1)
 STA. 2+75.81 (6.69 LT)
 CONST. INLET TYPE P-5 W/ SUMP
 FDOT INDEXES No. 425-001,
 425-010 AND 425-021
 GRATE EL. (+)16.96'
 FL (+)12.05' (E)
 BOT. EL. (+)10.05'

(E-1)
 EXIST. INLET TO REMAIN



LEGEND:

-  MILLING AND RESURFACING
-  INLET PROTECTION SYSTEM
-  PROP. SOD
-  PROP. WIDENING
-  PROP. 6" CONCRETE

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MARLIN
 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



*SW AIROSO BLVD. MEDIAN
 IMPROVEMENTS*

ROADWAY PLAN

SHEET NO.

C-200

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

C-1

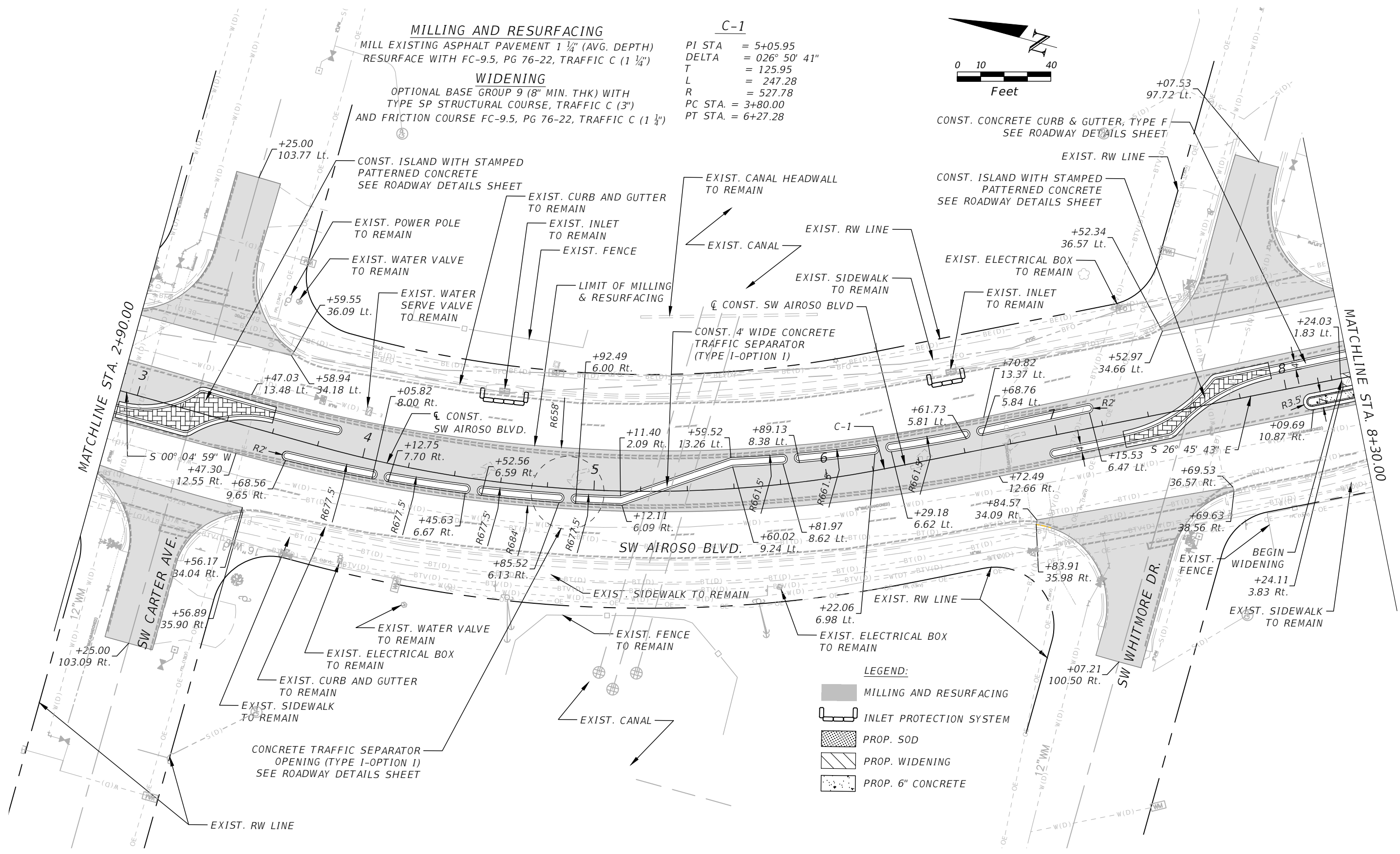
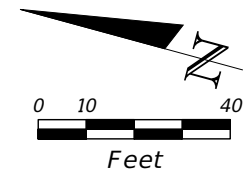
MILLING AND RESURFACING

MILL EXISTING ASPHALT PAVEMENT 1 1/4" (AVG. DEPTH)
RESURFACE WITH FC-9.5, PG 76-22, TRAFFIC C (1 1/4")

WIDENING

OPTIONAL BASE GROUP 9 (8" MIN. THK) WITH
TYPE SP STRUCTURAL COURSE, TRAFFIC C (3")
AND FRICTION COURSE FC-9.5, PG 76-22, TRAFFIC C (1 1/4")

PI STA = 5+05.95
DELTA = 026° 50' 41"
T = 125.95
L = 247.28
R = 527.78
PC STA = 3+80.00
PT STA = 6+27.28



LEGEND:

- MILLING AND RESURFACING
- INLET PROTECTION SYSTEM
- PROP. SOD
- PROP. WIDENING
- PROP. 6" CONCRETE

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

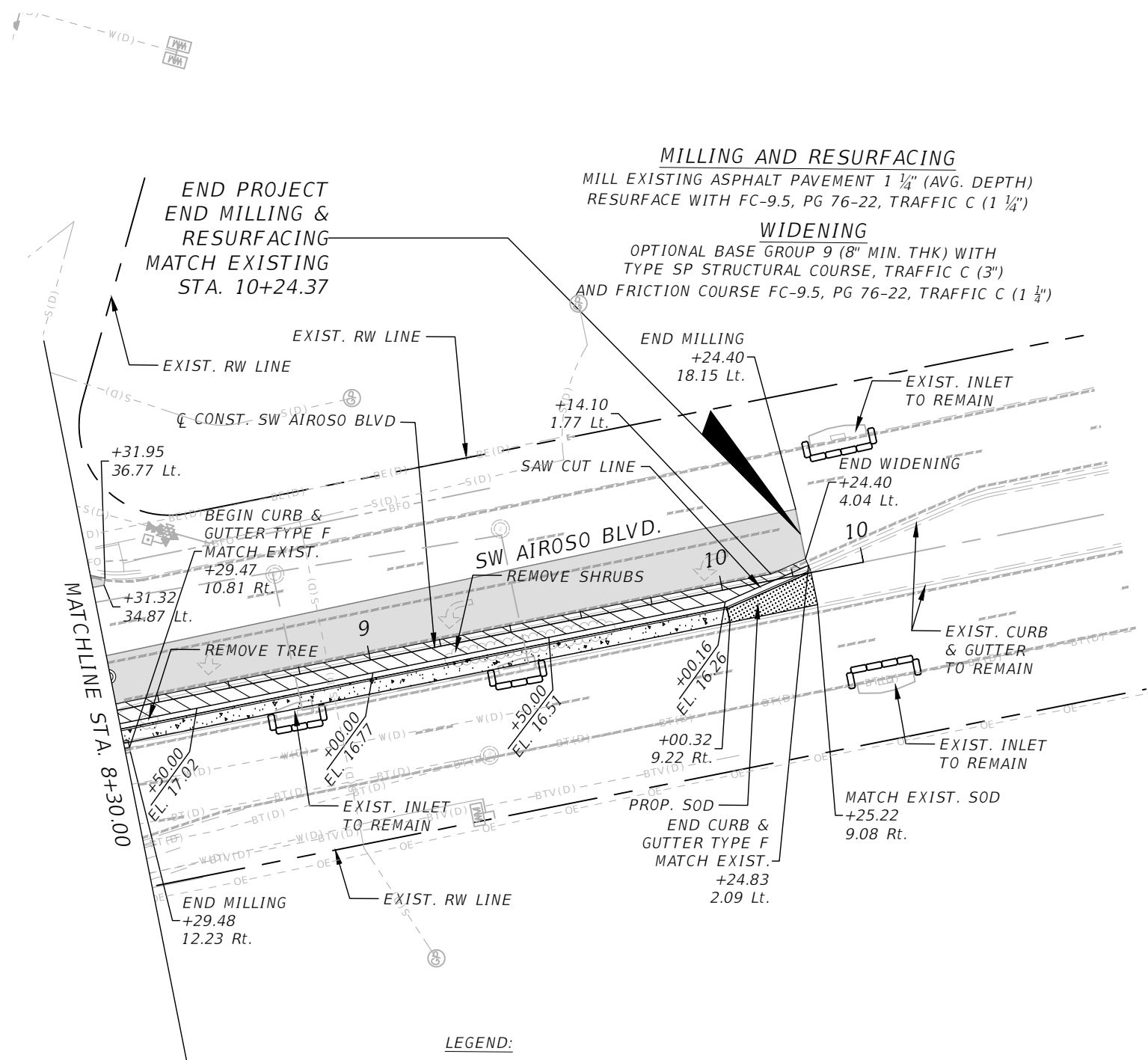
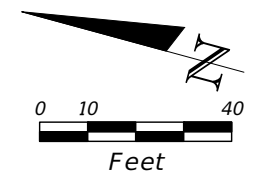
MARLIN
 ENGINEERING
 RAFAEL LAGOS, P.E. • P.E. No.: 51412
 3363 W. COMMERCIAL Blvd, Ste. 115 • FT Lauderdale, FL 33309
 (954) 870-5070 • C.A. No. 6104








**SW AIROSO BLVD. MEDIAN
IMPROVEMENTS**
ROADWAY PLAN

SHEET
NO.
C-201

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



LEGEND:

-  MILLING AND RESURFACING
-  INLET PROTECTION SYSTEM
-  PROP. SOD
-  PROP. WIDENING
-  PROP. 6" CONCRETE

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

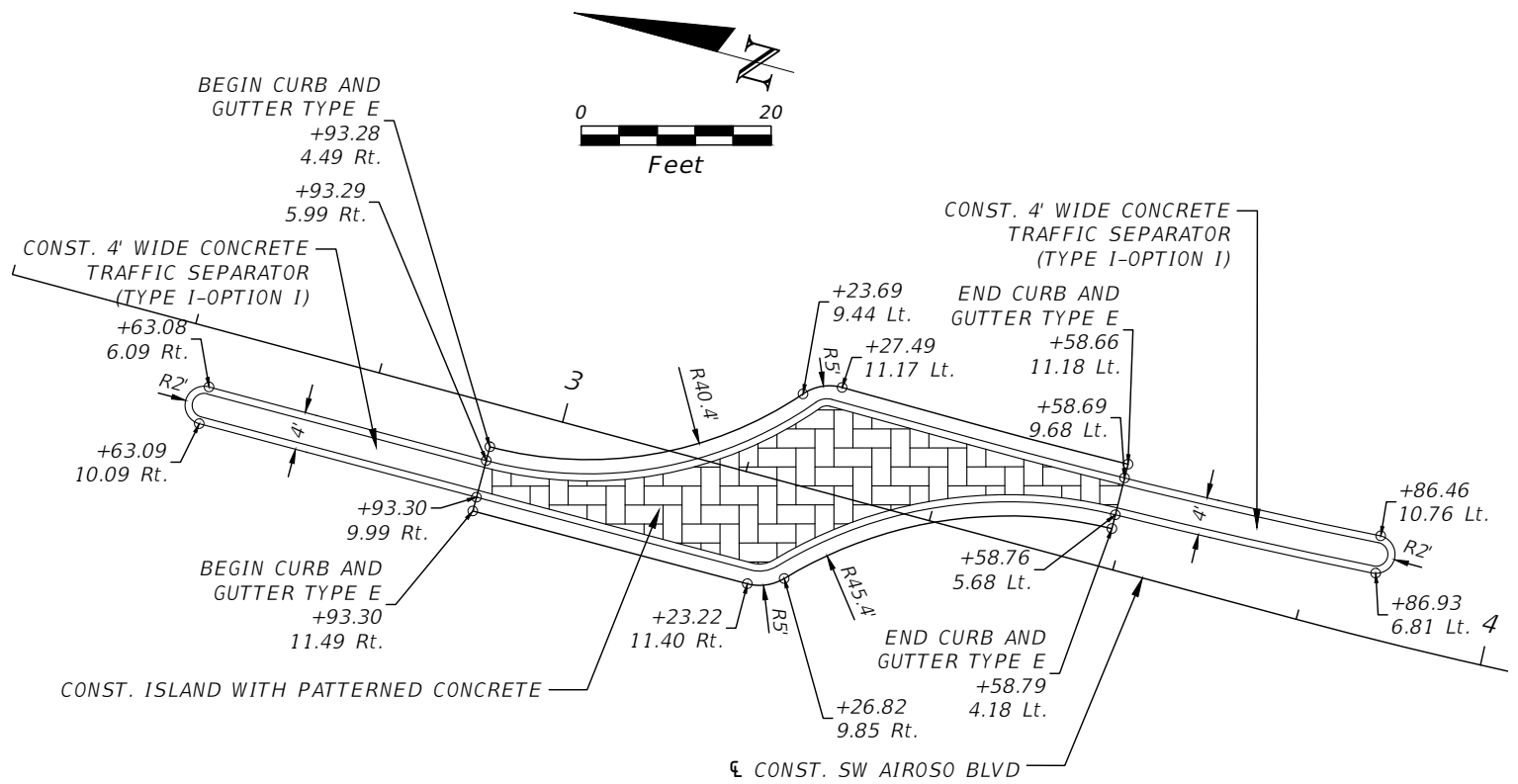
MARLIN
 ENGINEERING
 RAFAEL LAGOS, P.E. • P.E. No.: 51412
 3363 W. COMMERCIAL Blvd, Ste. 115 • FT. Lauderdale, FL 33309
 (954) 870-5070 • C.A. No. 6104



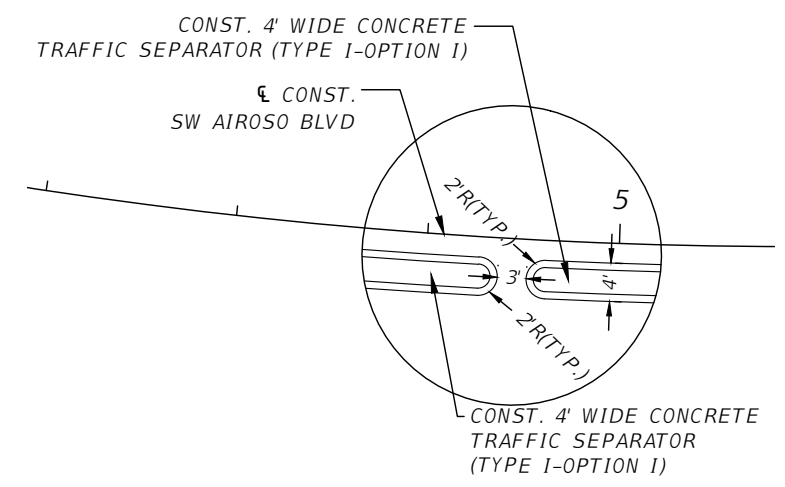
SW AIROSO BLVD. MEDIAN IMPROVEMENTS
ROADWAY PLAN

SHEET NO.
C-202

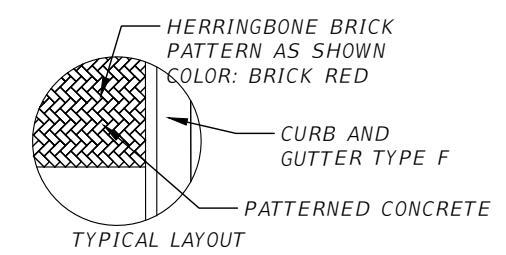
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



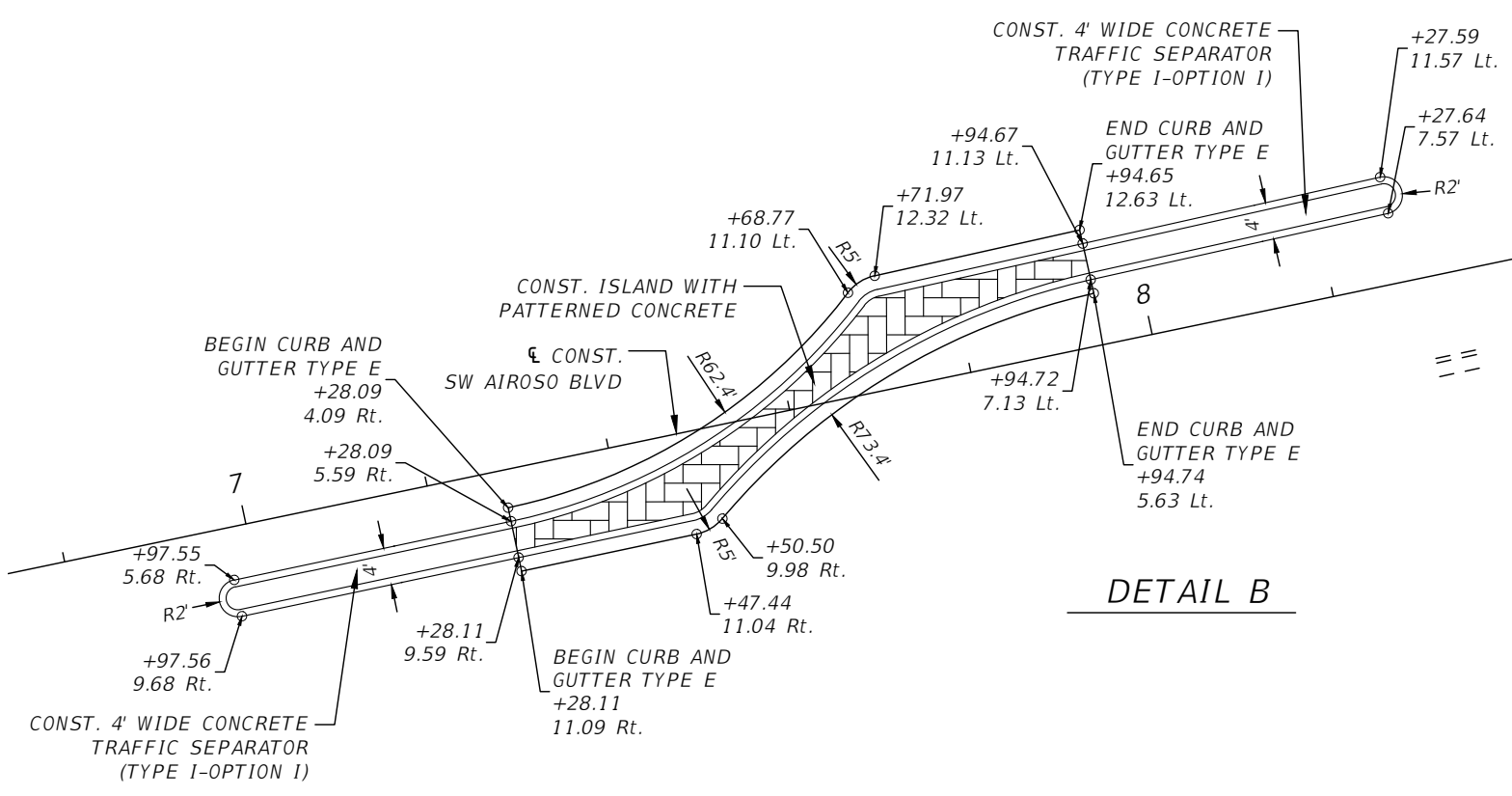
DETAIL A



DETAIL C (TYPICAL)



PATTERNED CONCRETE DETAIL



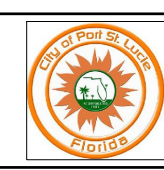
DETAIL B

STAMPED PATTERNED CONCRETE SPECIFICATIONS

1. GENERAL:
 - DESCRIPTION. STAMPED CONCRETE INCLUDES:
 - A. MATERIALS: CONCRETE, DRY-SHAKE, COLOR HARDENER (FILL TO DEPTH OF CONCRETE), CURING COMPOUND, AND SEALER.
 - B. SPECIAL IMPRINTING AND TEXTURING TOOLS.
 - C. CONCRETE PLACEMENT AND FINISH.
 - D. COLOR HARDENER PLACEMENT.
 - E. CURING COMPOUND APPLICATION.
 - F. SEALER APPLICATION.
2. PRODUCTS:
 - COLORING, IMPRINTING, CURING AND SEALING MATERIALS:
 - A. COLOR HARDENER: THE CONCRETE SHALL BE COLORED WITH THE FOLLOWING COLOR: **BRICK RED**. THE GRADE OF THE HARDENER SHALL BE HEAVY DUTY. THE COLORING SHALL BE THOROUGHLY MIXED FULL DEPTH OF CONCRETE.
 - B. PATTERN: THE FOLLOWING PATTERN SHALL BE USED: **HERRINGBONE**.
 - C. CURING: ALL IMPRINTED CONCRETE SLABS SHALL BE CURED.
 - D. SEALER: ALL SLABS SHALL BE SEALED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

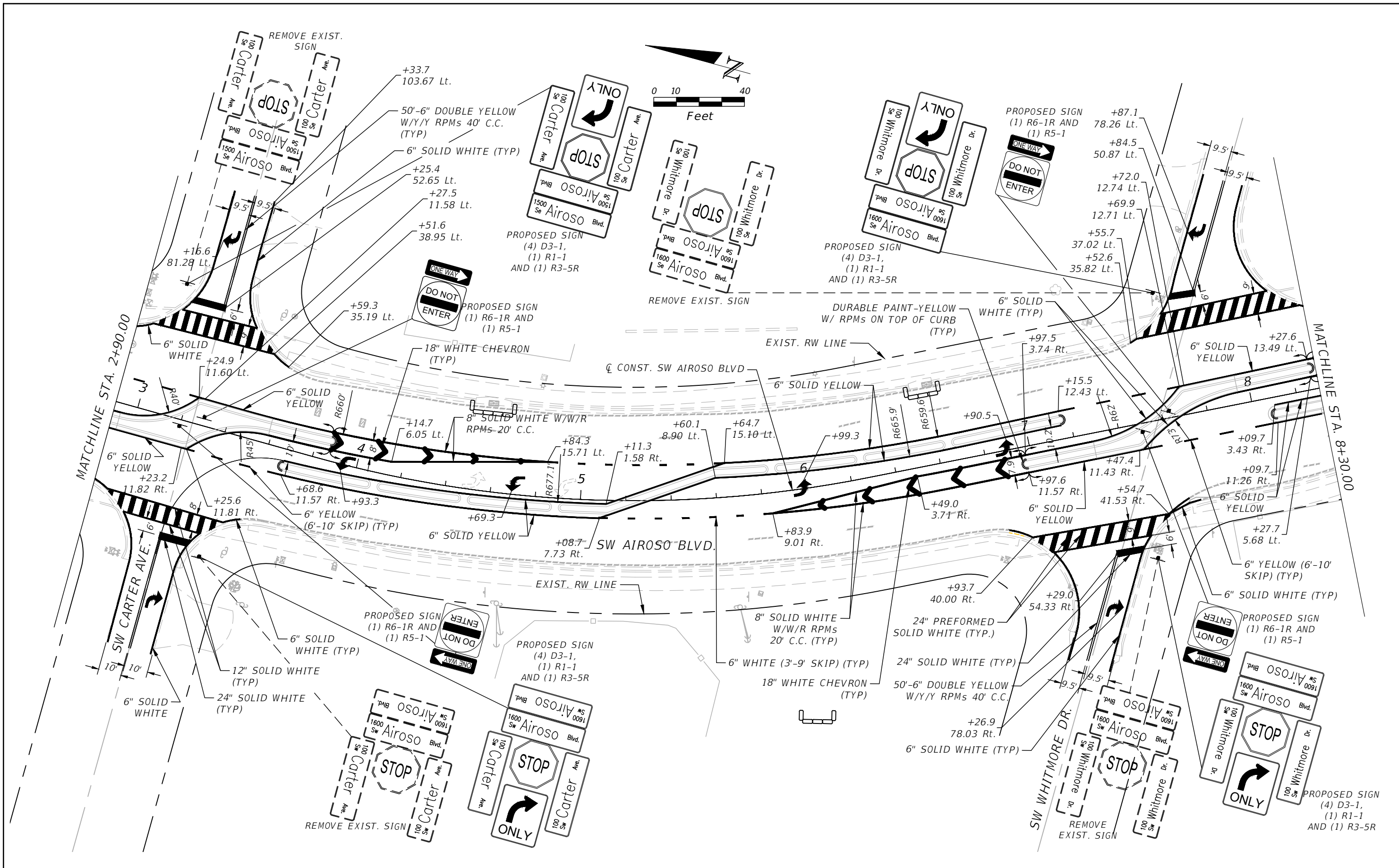
MARLIN
 ENGINEERING
 RAFAEL LAGOS, P.E. • P.E. No.: 51412
 3363 W. COMMERCIAL Blvd, Ste. 115 • FT. Lauderdale, FL 33309
 (954) 870-5070 • C.A. No. 6104



SW AIROSO BLVD. MEDIAN IMPROVEMENTS
ROADWAY DETAILS

SHEET NO.
C-203

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



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

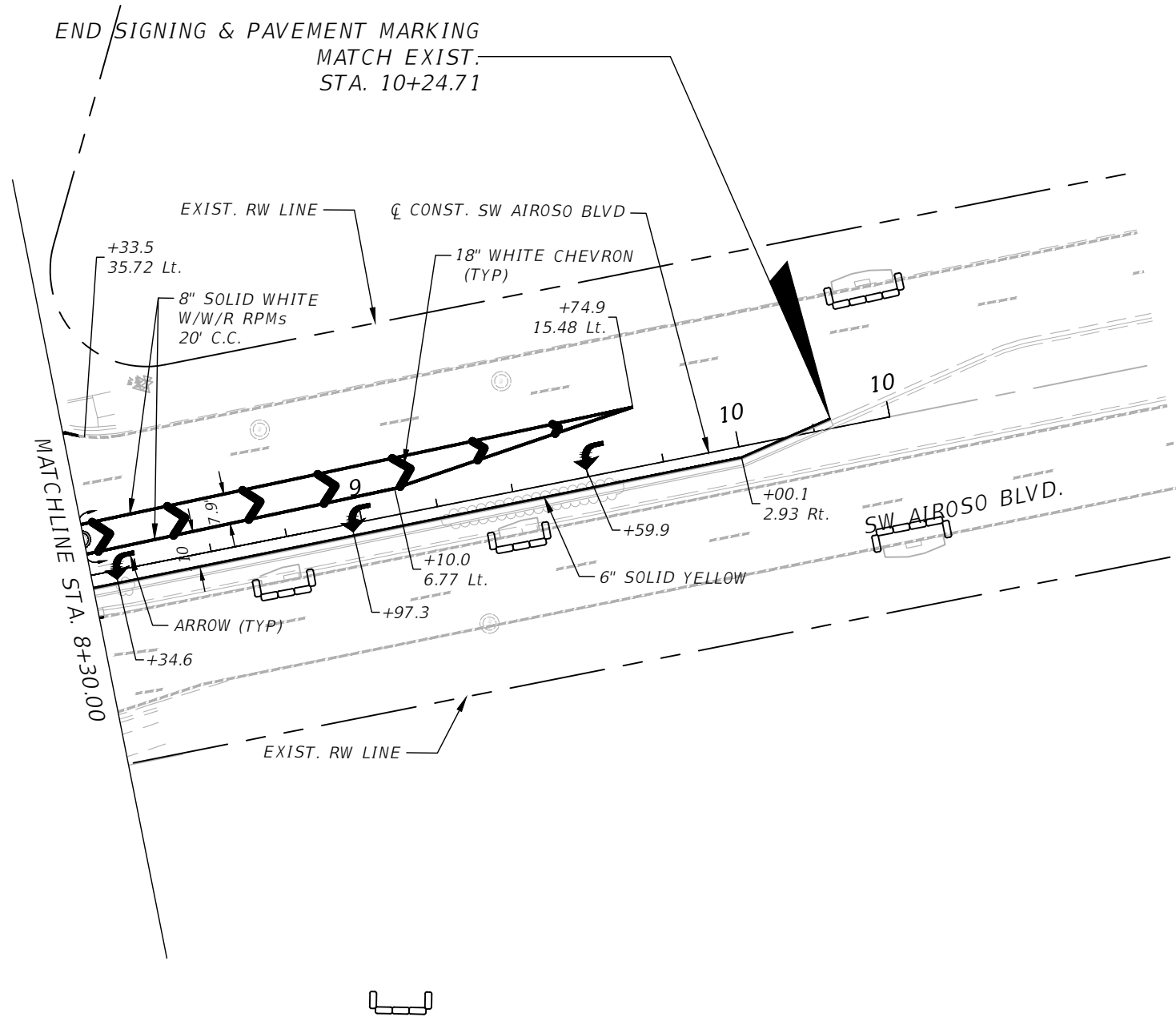
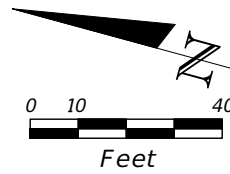
MARLIN
 ENGINEERING
 RAFAEL LAGOS, P.E. • P.E. No.: 51412
 3363 W. COMMERCIAL Blvd, Ste. 115 • FT. Lauderdale, FL 33309
 (954) 870-5070 • CA. No. 6104



**SW AIROSO BLVD. MEDIAN
 IMPROVEMENTS
 SIGNING AND PAVEMENT
 MARKING PLAN**

SHEET NO.
C-301

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



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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

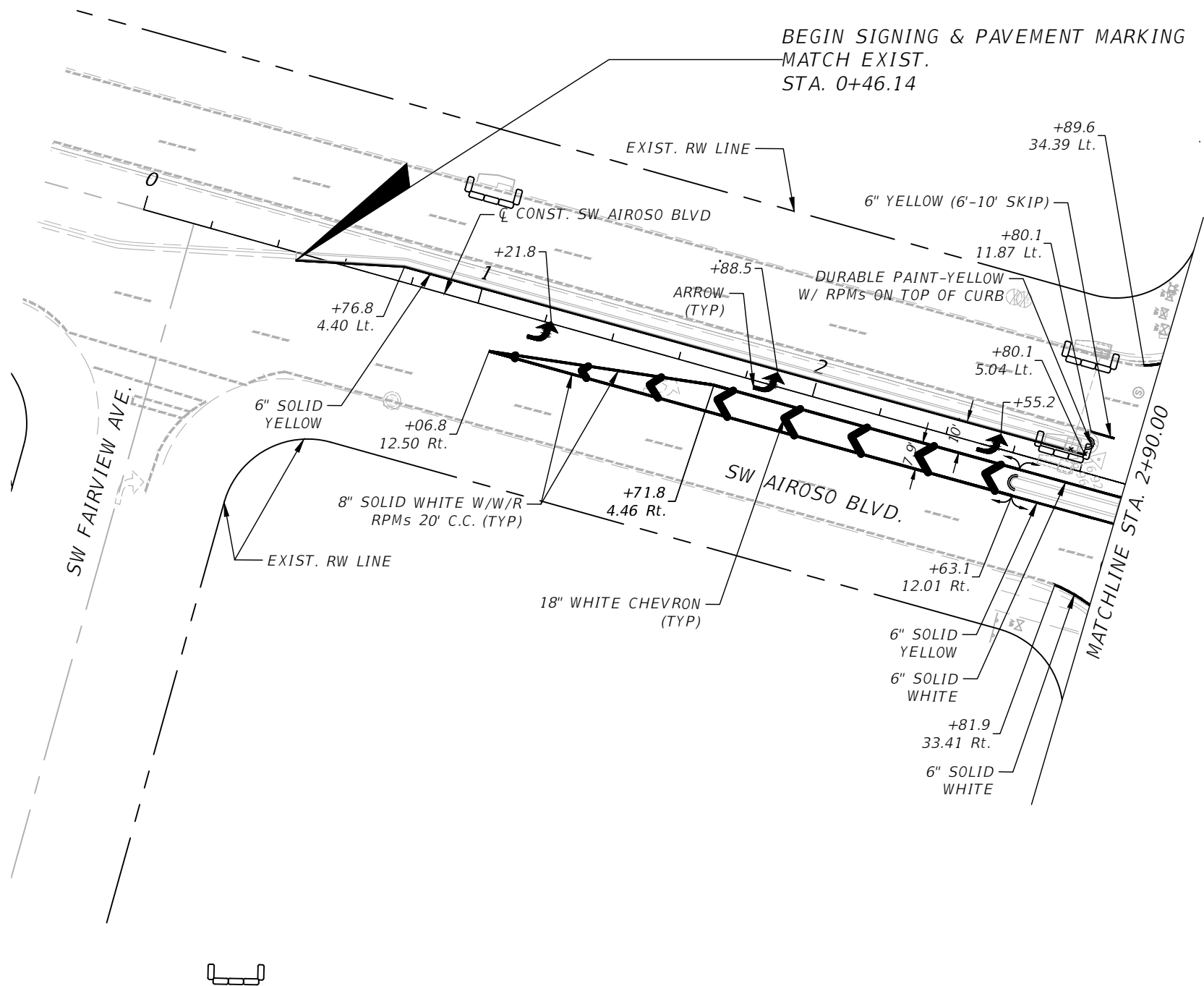
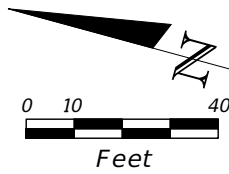
MARLIN
ENGINEERING

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



*SW AIROSO BLVD. MEDIAN
IMPROVEMENTS*
**SIGNING AND PAVEMENT
MARKING PLAN**

SHEET NO.
C-302



BEGIN SIGNING & PAVEMENT MARKING
MATCH EXIST.
STA. 0+46.14

MATCHLINE STA. 2+90.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MARLIN
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



*SW AIROSO BLVD. MEDIAN
IMPROVEMENTS
SIGNING AND PAVEMENT
MARKING PLAN*

SHEET NO.
C-300

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

TRAFFIC CONTROL GENERAL NOTES

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:
 - 4.1. 9:00 AM TO 4:00 PM - MONDAY THRU FRIDAY.
 - 4.2. NO WORK TO BE PERFORMED SATURDAYS OR SUNDAYS.
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 COMPLY WITH THE CITY OF PORT ST. LUCIE NOISE ORDINANCE. ANY EXCEPTIONS SHALL BE SUBMITTED TO THE BUILDING DEPARTMENT FOR APPROVAL IN WRITING.
12. 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.
13. THE CONTRACTOR SHALL ALLOW VEHICULAR AND PEDESTRIAN ACCESS AT ALL TIMES.
14. THE CONTRACTOR SHALL PROVIDE TEMPORARY PAVEMENT MARKINGS WITHIN THE SAME DAY THEY WERE REMOVED DUE TO CONSTRUCTION.

DROP OFFS:

15. THE CONTRACTOR'S ATTENTION IS DIRECTED TO CURRENT FDOT STANDARD PLAN INDEX 102-600, SHEET 8 OF 11.

ADVANCE CONSTRUCTION NOTICE:

16. FURNISH AND MAINTAIN PORTABLE CHANGING MESSAGE SIGNS (PCMS) ON SW AIROSO BLVD 200' IN ADVANCED OF THE FIRST WORK ZONE SIGN FOR THE SOUTHBOUND AND NORTHBOUND TRAFFIC. UTILIZE PCMS MESSAGES AS INDICATED IN THE PCMS DETAILS OR AS DIRECTED BY THE ENGINEER.

PEDESTRIANS:

17. DURING THE ENTIRE CONSTRUCTION OF THE PROJECT, ANY DROP OFF ADJACENT TO THE EXISTING SIDEWALK SHALL BE BACKFILLED FLUSHED WITH THESIDEWALK OR SHALL BE PROTECTED WITH BARRICADES.
18. 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:

19. THE CONTRACTOR SHALL SUBMIT LANE CLOSURE REQUESTS FORM TO THE CITY OF PORT ST. LUCIE 48 HOURS PRIOR TO SUCH CLOSURE.

PHASE CONSTRUCTION 1: CONCRETE TRAFFIC SEPARATOR ON AIROSO BLVD.

1. PLACE ALL THE TRAFFIC CONTROL DEVICES AND TEMPORARY SIGNING IN ACCORDANCED TO FDOT STANDARD PLAN INDEXES 102-613 AND 102-615, NECESSARY TO CLOSE THE INSIDE THRU LANE FOR THE SOUTHBOUND AND NORTHBOUND TRAFFIC, AND THE TWO-WAY LEFT INSIDE LANE ON SW AIROSO BLVD.
2. CONSTRUCT THE CONCRETE TRAFFIC SEPARATOR AS INDICATED IN THE PLANS, INCLUDING THE CONCRETE ISLANDS AND THE MODIFICATIONS TO THE MEDIANS AND CONSTRUCT WIDENING. PLACE THE SIGNAGE ON THE CONCRETE ISLANDS, MILL AND RESURFACE THE ROADWAY AS INDICATED IN THE PLANS, AND PLACE TEMPORARY PAVEMENT MARKINGS.
3. PLACE FINAL THERMOPLASTIC MARKINGS.

PHASE CONSTRUCTION 2: CONSTRUCTION AT INTERSECTING STREETS.

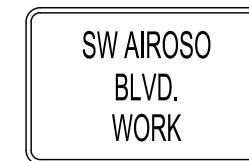
1. PLACE ALL THE TRAFFIC CONTROL DEVICES AND TEMPORARY SIGNING IN ACCORDANCED TO FDOT STANDARD PLAN INDEXES 102-613, NECESSARY TO CLOSE THE OUTSIDE LANE FOR EITHER BOUND ON SW AIROSO BLVD., AND ALSO PROVIDE A 60 FT RIGHT TURN LANE APPROACHING THE INTERSECTING STREET.
2. USE FLAGER OPERATIONS IN ACCORDANCE TO FDOT STANDARD PLAN INDEXES 102-603/102-604 TO CLOSE ONE TRAVEL LANE OF THE INTERSECTING STREET AT SW AIROSO BLVD. AND MAINTAIN THE TRAFFIC ON THE OPEN LANE.
3. PERFORM MILLING AND RESURFACING OPERATIONS ON THE CLOSED TRAVEL LANE OF THE INTERSECTING STREET AND PROVIDE FINAL THERMOPLASTIC PAVEMENT MARKINGS.

PHASE CONSTRUCTION 3: PLACEMENT OF STOPS SIGN ASSEMBLIES AT INTERSECTING STREETS.

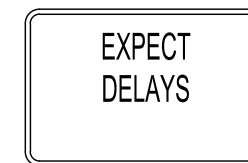
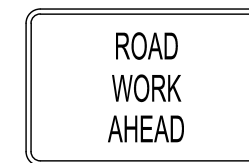
1. PLACE ALL THE TRAFFIC CONTROL DEVICES AND TEMPORARY SIGNING IN ACCORDANCED TO FDOT STANDARD PLAN INDEX 102-602, NECESSARY TO WORK OUTSIDE THE ROADWAY ON EACH SIDE STREET AT THE APPROACHED TO AIROSO BLVD.
2. REMOVE EXISTING STOP SIGNS AND INSTALL THE PROPOSED SIGN ASSEMBLIES AS INDICATED ON THE PLANS.

PCMS DETAILS

STARTING 2 WEEKS PRIOR TO COMMENCEMENT OF CONSTRUCTION



DURING CONSTRUCTION



REVISIONS				 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		<i>SW AIROSO BLVD. MEDIAN IMPROVEMENTS</i> TEMPORARY TRAFFIC CONTROL PLAN		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION					C-400

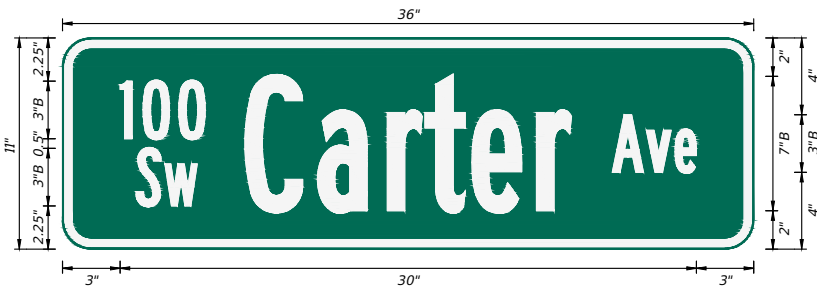
SIGN NAME	SP-4	QTY	2	SIGN NUMBER	STATION(S)
PANEL	BORDER	SEE PLANS			
WIDTH	3'-0"	WIDTH	0.5"		
HEIGHT	0'-11"	RADII	1.5"		
LEGEND	White	COLOR	White		
COLOR	Green				
SYMBOL(S)	ANGLE	X	Y	WID	HT
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	



NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

COPY	1	0	0	L																
SPACE	3	4.2	6.1	4.4																
COPY	A	v	e	L																
SPACE	28.6	30.4	31.9	4.4																
COPY	S	e	L																	
SPACE	3.8	5.4	2.7																	
COPY	C	a	r	t	e	r	L													
SPACE	9.5	13.3	16.9	18.9	21.3	24.7	17													
COPY																				
SPACE																				
COPY																				
SPACE																				

SIGN NAME	SP-5	QTY	2	SIGN NUMBER	STATION(S)
PANEL	BORDER	SEE PLANS			
WIDTH	3'-0"	WIDTH	0.5"		
HEIGHT	0'-11"	RADII	1.5"		
LEGEND	White	COLOR	White		
COLOR	Green				
SYMBOL(S)	ANGLE	X	Y	WID	HT
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	



NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

COPY	1	0	0	L																
SPACE	3	4.2	6.1	4.4																
COPY	A	v	e	L																
SPACE	28.6	30.4	31.9	4.4																
COPY	S	w	L																	
SPACE	3.8	5.3	3.2																	
COPY	C	a	r	t	e	r	L													
SPACE	9.5	13.3	16.9	18.9	21.3	24.7	17													
COPY																				
SPACE																				
COPY																				
SPACE																				

SIGN NAME	SP-6	QTY	2	SIGN NUMBER	STATION(S)
PANEL	BORDER	SEE PLANS			
WIDTH	3'-0"	WIDTH	0.5"		
HEIGHT	0'-11"	RADII	1.5"		
LEGEND	White	COLOR	White		
COLOR	Green				
SYMBOL(S)	ANGLE	X	Y	WID	HT
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	



NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

COPY	1	0	0	L																
SPACE	1.5	2.7	4.6	4.4																
COPY	D	r	L																	
SPACE	31.9	33.7	2.5																	
COPY	S	e	L																	
SPACE	2.4	4	2.7																	
COPY	W	h	i	t	m	o	r	e	L											
SPACE	7.5	12	15.1	16.3	18.6	22.9	25.9	27.8	22.6											
COPY																				
SPACE																				
COPY																				
SPACE																				

SIGN NAME	SP-7	QTY	2	SIGN NUMBER	STATION(S)
PANEL	BORDER	SEE PLANS			
WIDTH	3'-0"	WIDTH	0.5"		
HEIGHT	0'-11"	RADII	1.5"		
LEGEND	White	COLOR	White		
COLOR	Green				
SYMBOL(S)	ANGLE	X	Y	WID	HT
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	



NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

COPY	1	0	0	L																
SPACE	1.5	2.7	4.6	4.4																
COPY	D	r	L																	
SPACE	31.9	33.7	2.5																	
COPY	S	w	L																	
SPACE	2.4	3.9	3.2																	
COPY	W	h	i	t	m	o	r	e	L											
SPACE	7.5	12	15.1	16.3	18.6	22.9	25.9	27.8	22.6											
COPY																				
SPACE																				
COPY																				
SPACE																				

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MARLIN
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



Yaromil Santos 5/23/2024 5:03:02 PM

SW AIROSO BLVD. MEDIAN IMPROVEMENTS

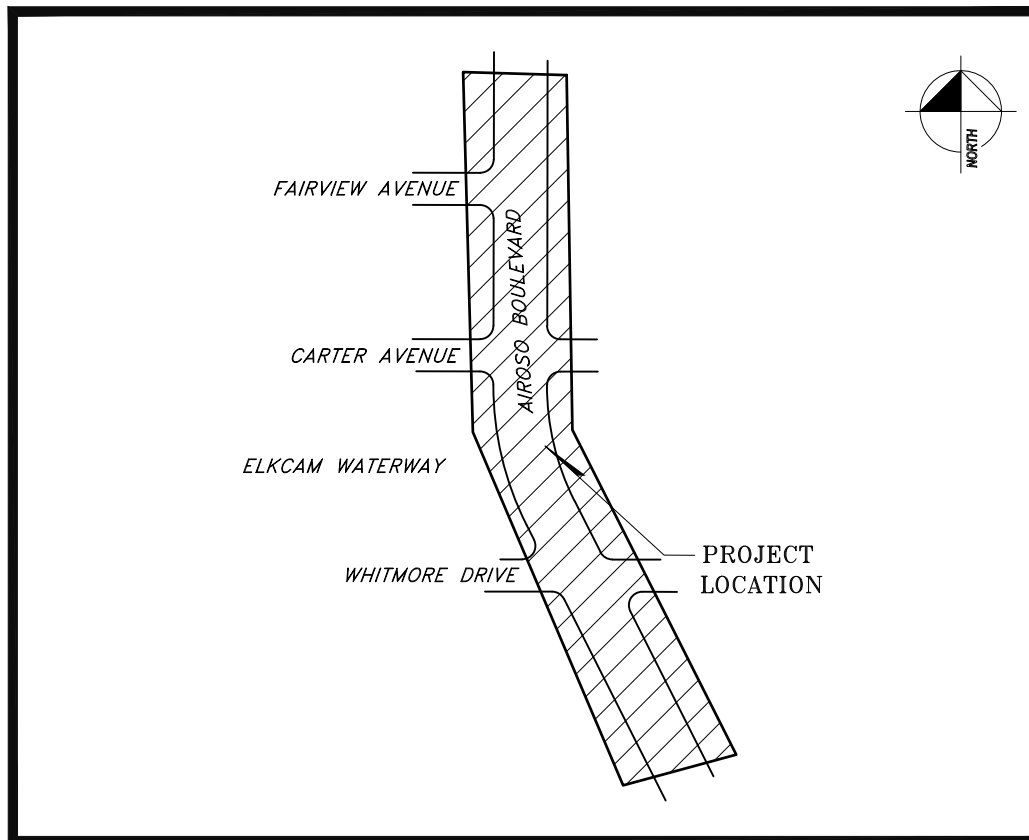
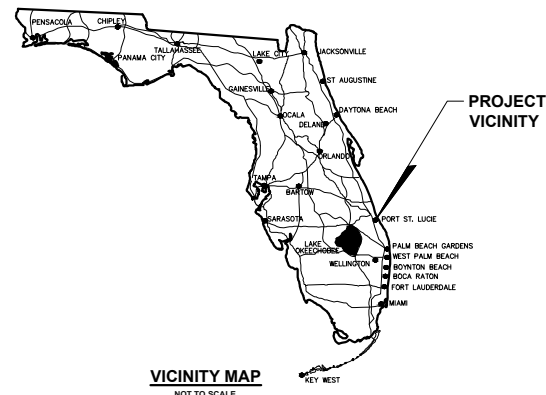
GUIDE SIGN WORK SHEET

SHEET NO. C-501

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

AIROSO BOULEVARD TOPOGRAPHIC SURVEY

AIROSO BLVD, PORT ST. LUCIE, FLORIDA 34984



SYMBOL LEGEND

- ☐ MAILBOX
- ⊙ WATER VALVE COVER
- ⊞ WATER METER
- ▣ CATV
- △ IRON ROD & CAP
- METAL PIPE
- △ NAIL & DISK
- * PALM TREE
- ⊙ TREE
- ⊞ SINGLE SIGN POST
- ⊞ POWER POLE
- ⊞ LIGHT POLE

ABBREVIATIONS

- AP APR ASPHALT APRON
- AP DWY ASPHALT DRIVEWAY
- BRK DWY BRICK DRIVEWAY
- CSL APR CONCRETE APRON
- CSL DWY CONCRETE DRIVEWAY
- E: EASTING
- EL: ELEVATION
- FND FOUND
- IRC IRON ROD AND CAP
- N: NORTHING
- NL/DISK NAIL AND DISK
- NO ID NO IDENTIFICATION
- (P) PLAT
- PB PLAT BOOK
- PG PAGE
- X' FENCE FENCE THAT IS X FT TALL
- X' WALL WALL THAT IS X FT TALL
- C&G CURB AND GUTTER
- TYP. TYPICAL
- XXX.X SOFT GND ELEVATION
- XXX.XX HARD GND ELEVATION

LINETYPES



LOCATION SKETCH

NOT TO SCALE
SECTION 33, TOWNSHIP 36 S, RANGE 40 E
SECTION 04, TOWNSHIP 37 S, RANGE 40 E

SHEET INDEX

SHEET 1 COVER SHEET
SHEET 2-5 TOPOGRAPHIC SURVEY

SURVEY NOTES:

1. THE SURVEY DEPICTED HEREON IS CLASSIFIED AS A TOPOGRAPHIC SURVEY AS DEFINED IN CHAPTER 5J-17, FLORIDA ADMINISTRATIVE CODE.
2. PRIMARY CONTROL WAS ESTABLISHED USING FOUR HOUR STATIC OBSERVATIONS AND ADJUSTED USING THE ONLINE POSITIONING USER SERVICE (OPUS) BY THE NATIONAL GEODETIC SURVEY (NGS). SECONDARY CONTROL WAS ESTABLISHED USING RTK (REAL TIME KINEMATIC) FIELD PROCEDURES. POSITIONAL ACCURACY FOR HORIZONTAL CONTROL IS +/- 0.06 FT. VERTICAL ADJUSTMENTS FOR PRIMARY AND SECONDARY CONTROL WAS ESTABLISHED BY PERFORMING CLOSED LOOP DIFFERENTIAL LEVELING. THE HORIZONTAL CONTROL IS REFERENCED TO NAD_83(2011)(EPOCH: 2010.0000).
3. UNDERGROUND PORTIONS OF FOOTINGS, FOUNDATIONS OR OTHER IMPROVEMENTS WERE NOT LOCATED.
4. ONLY VISIBLE AND ABOVE GROUND OF APPARENT USE OF FEATURES WERE LOCATED.
5. ALL DIMENSIONS SHOWN HEREON ARE IN U.S. SURVEY FEET AND DECIMAL PARTS THEREOF.
6. THIS IS AN ACCURATE AND COMPLETE DEPICTION OF THE RESULTS OF A FIELD SURVEY PERFORMED UNDER MY DIRECTION AND COMPLETED ON: 02-29-2024
7. IT IS A VIOLATION OF RULE 5J-17 OF THE FLORIDA ADMINISTRATIVE CODE TO ALTER THIS SURVEY WITHOUT THE EXPRESS PRIOR WRITTEN CONSENT OF THE SURVEYOR. ADDITIONS AND/OR DELETIONS MADE TO THE FACE OF THIS SURVEY WILL MAKE THIS SURVEY INVALID.
8. THIS MAP IS INTENDED TO BE DISPLAYED AT A SCALE OF 1/480 OR SMALLER.
9. THIS SURVEY MAP OR THE COPIES THEREOF ARE NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OR A DIGITAL PDF SIGNATURE OF A FLORIDA LICENSED SURVEYOR AND MAPPER.
10. THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT OR OPINION OF TITLE.
11. MARLIN ENGINEERING IS COVERED BY PROFESSIONAL LIABILITY INSURANCE.
12. DRAINAGE STRUCTURE AND PIPE INFORMATION WAS NOT REQUESTED AND NOT INCLUDED IN THE SCOPE OF SERVICES.

CERTIFICATION:

I HEREBY CERTIFY THAT THIS TOPOGRAPHIC SURVEY WAS MADE UNDER MY RESPONSIBLE CHARGE AND TO THE BEST OF MY KNOWLEDGE AND BELIEF IS TRUE, CORRECT AND MEETS THE STANDARDS OF PRACTICE AS SET FORTH BY THE BOARD OF PROFESSIONAL LAND SURVEYORS IN CHAPTER 5J-17-050, FLORIDA ADMINISTRATIVE CODE PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

Kevin
M Beck

Digitally signed
by Kevin M Beck
Date:
2024.05.14
15:41:27 -04'00'

KEVIN M. BECK, P.S.M.
PROFESSIONAL SURVEYOR AND MAPPER
LICENSE NO. 6168
STATE OF FLORIDA

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
05/14/24	MW	MINOR TEXT EDITS			

MARLIN
ENGINEERING

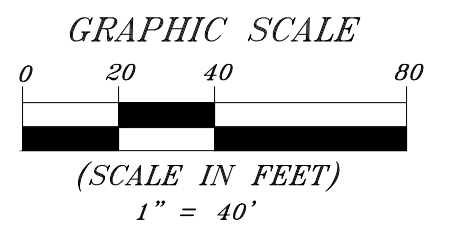
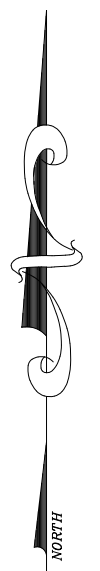
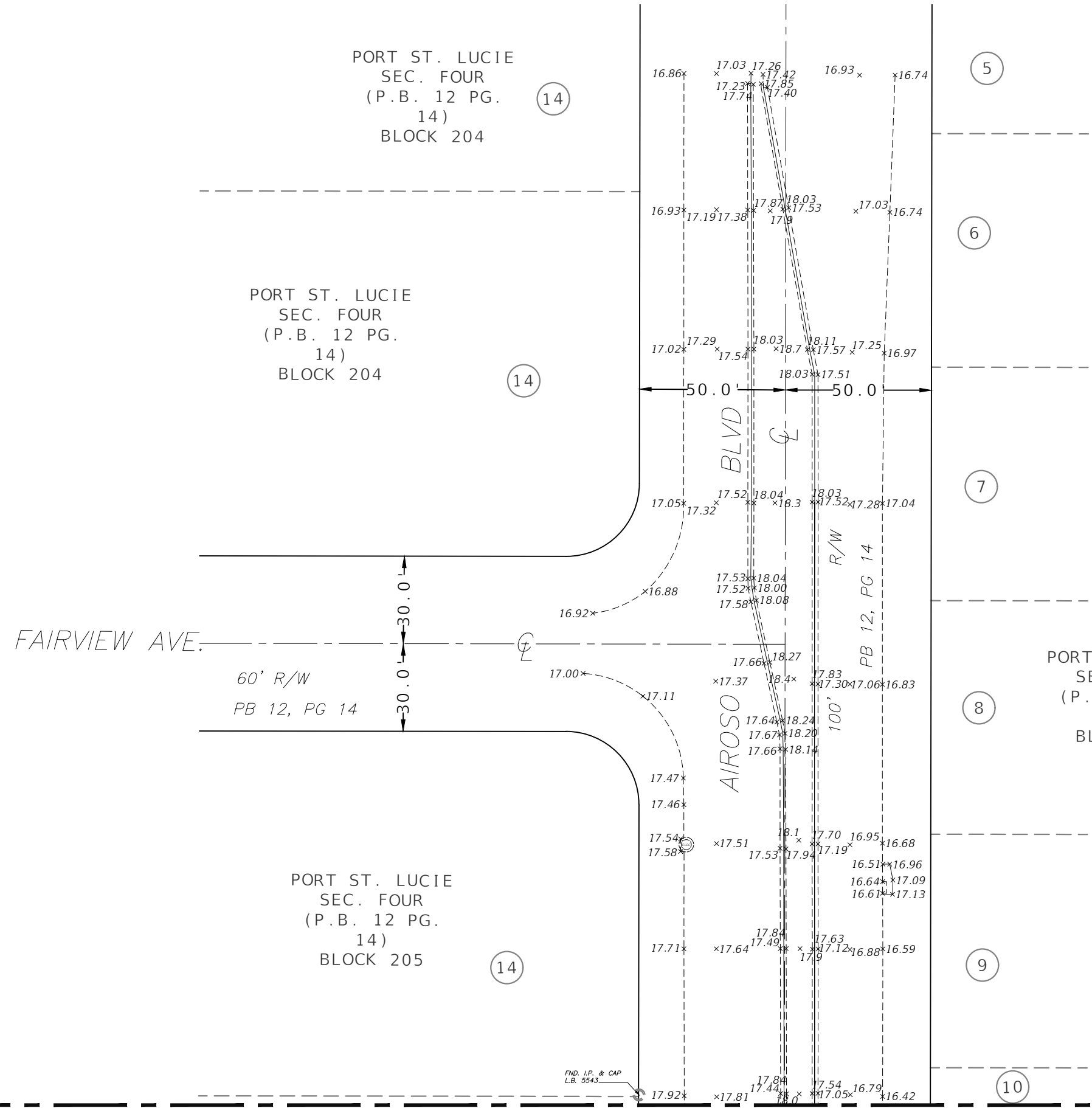
10415 RIVERSIDE DRIVE, SUITE 101,
PALM BEACH GARDENS, FL 33410
Tel: (561) 229-0239,
Fax: (305) 477-7590
L.B. # 7241

NAME	DATE	NAME	DATE
DESIGNED BY		DRAWN BY	MW 04/05/24
CHECKED BY		CHECKED BY	KB 04/05/24
PROJECT NO.	2023024.000 SUR		

**AIROSO BOULEVARD
TOPOGRAPHIC SURVEY**
AIROSO BLVD, PORT ST. LUCIE, FLORIDA 34984

AIROSO BOULEVARD TOPOGRAPHIC SURVEY

AIROSO BLVD, PORT ST. LUCIE, FLORIDA 34984



MATCHLINE - SEE SHEET 3

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
05/14/24	MW	MINOR TEXT EDITS			

MARLIN
ENGINEERING

10415 RIVERSIDE DRIVE, SUITE 101,
PALM BEACH GARDENS, FL 33410
Tel: (561) 229-0239,
Fax: (305) 477-7590
L.B. # 7241

NAME	DATE	NAME	DATE
DESIGNED BY		DRAWN BY	MW 04/05/24
CHECKED BY		CHECKED BY	KB 04/05/24
PROJECT NO.	2023024.000 SUR		

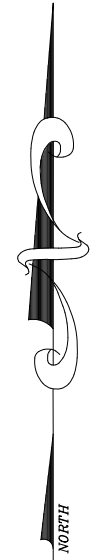
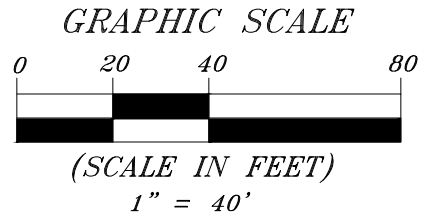
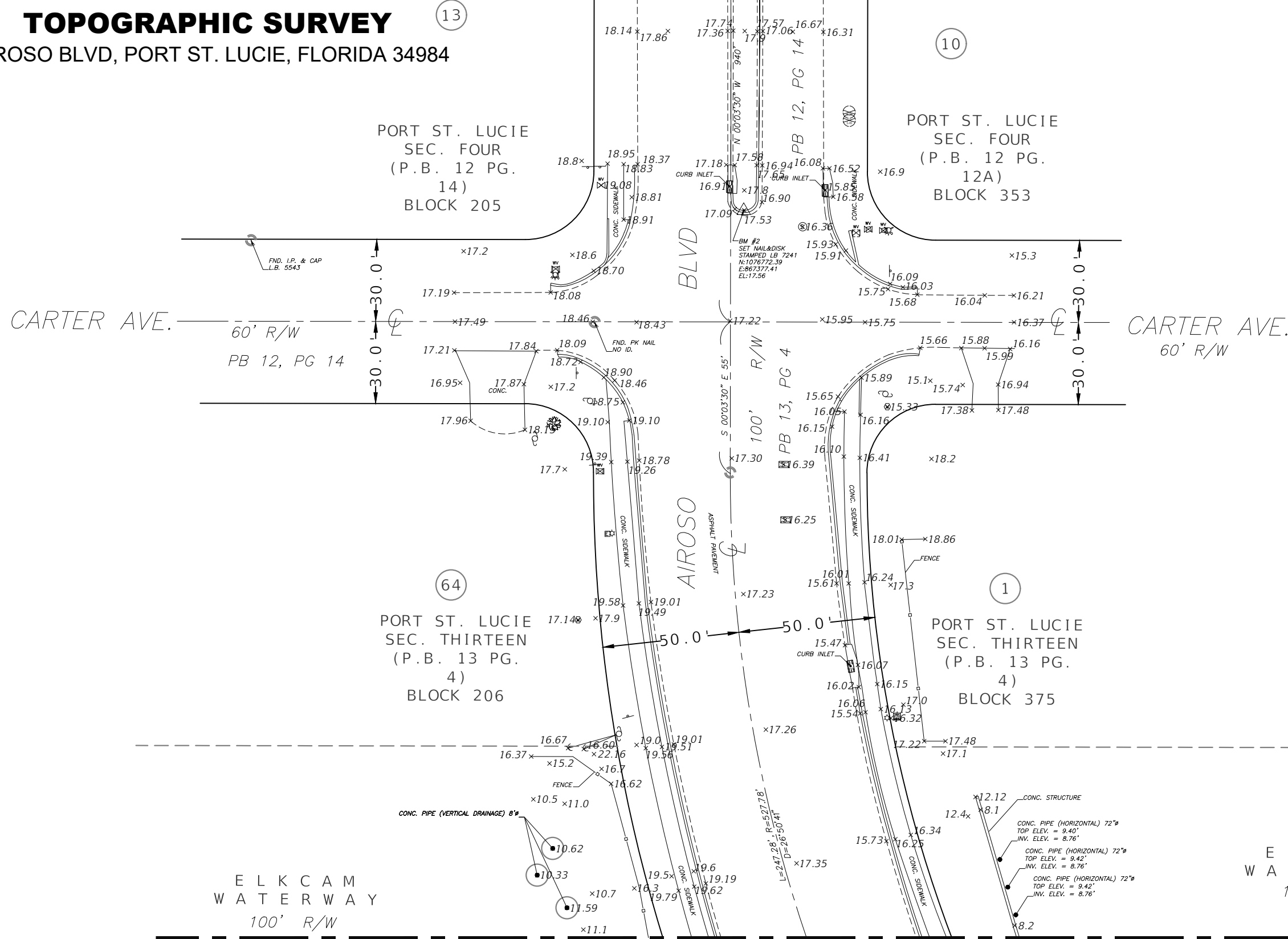
**AIROSO BOULEVARD
TOPOGRAPHIC SURVEY**
AIROSO BLVD, PORT ST. LUCIE, FLORIDA 34984

M:\Survey\Survey Projects\2023\2023024.000 SUR-Airoso Median Imp\dwg\CALC\AIROSO BLVD REV 1.dwg LAYOUT: 2 PLOTTED: May 14, 2024 - 3:24pm PLOTTED BY: Mwachter

MATCHLINE - SEE SHEET 2

AIROSO BOULEVARD TOPOGRAPHIC SURVEY

AIROSO BLVD, PORT ST. LUCIE, FLORIDA 34984



MATCHLINE - SEE SHEET 4

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
05/14/24	MW	MINOR TEXT EDITS			

MARLIN ENGINEERING
 10415 RIVERSIDE DRIVE, SUITE 101,
 PALM BEACH GARDENS, FL 33410
 Tel: (561) 229-0239,
 Fax: (305) 477-7590
 L.B. # 7241

NAME	DATE	NAME	DATE
DESIGNED BY		DRAWN BY	MW 04/05/24
CHECKED BY		CHECKED BY	KB 04/05/24
PROJECT NO.	2023024.000 SUR		

**AIROSO BOULEVARD
TOPOGRAPHIC SURVEY**
 AIROSO BLVD, PORT ST. LUCIE, FLORIDA 34984

M:\Survey\Survey Projects\2023\2023024.000 SUR-Airoso Median Imp.dwg\CALC\AIROSO BLVD REV 1.dwg LAYOUT: 3 PLOTTED: May 14, 2024 - 3:24pm PLOTTED BY: Mwachter

MATCHLINE - SEE SHEET 3

ELK CAM
WATERWAY
100' R/W

ELK CAM
WATERWAY
100' R/W

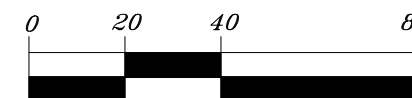
AIROSO BOULEVARD TOPOGRAPHIC SURVEY

AIROSO BLVD, PORT ST. LUCIE, FLORIDA 34984

PORT ST. LUCIE
SEC. THIRTEEN
(P.B. 13 PG.
4)
BLOCK 548

PORT ST. LUCIE
SEC. THIRTEEN
(P.B. 13 PG.
4)
BLOCK 546

GRAPHIC SCALE



(SCALE IN FEET)
1" = 40'

WHITMORE DRIVE

WHITMORE DRIVE

60' R/W
PB 13, PG 4

60' R/W
PB 13, PG 4

MATCHLINE - SEE SHEET 5

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
05/14/24	MW	MINOR TEXT EDITS			

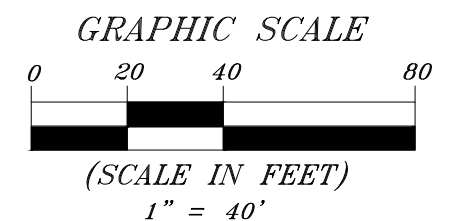
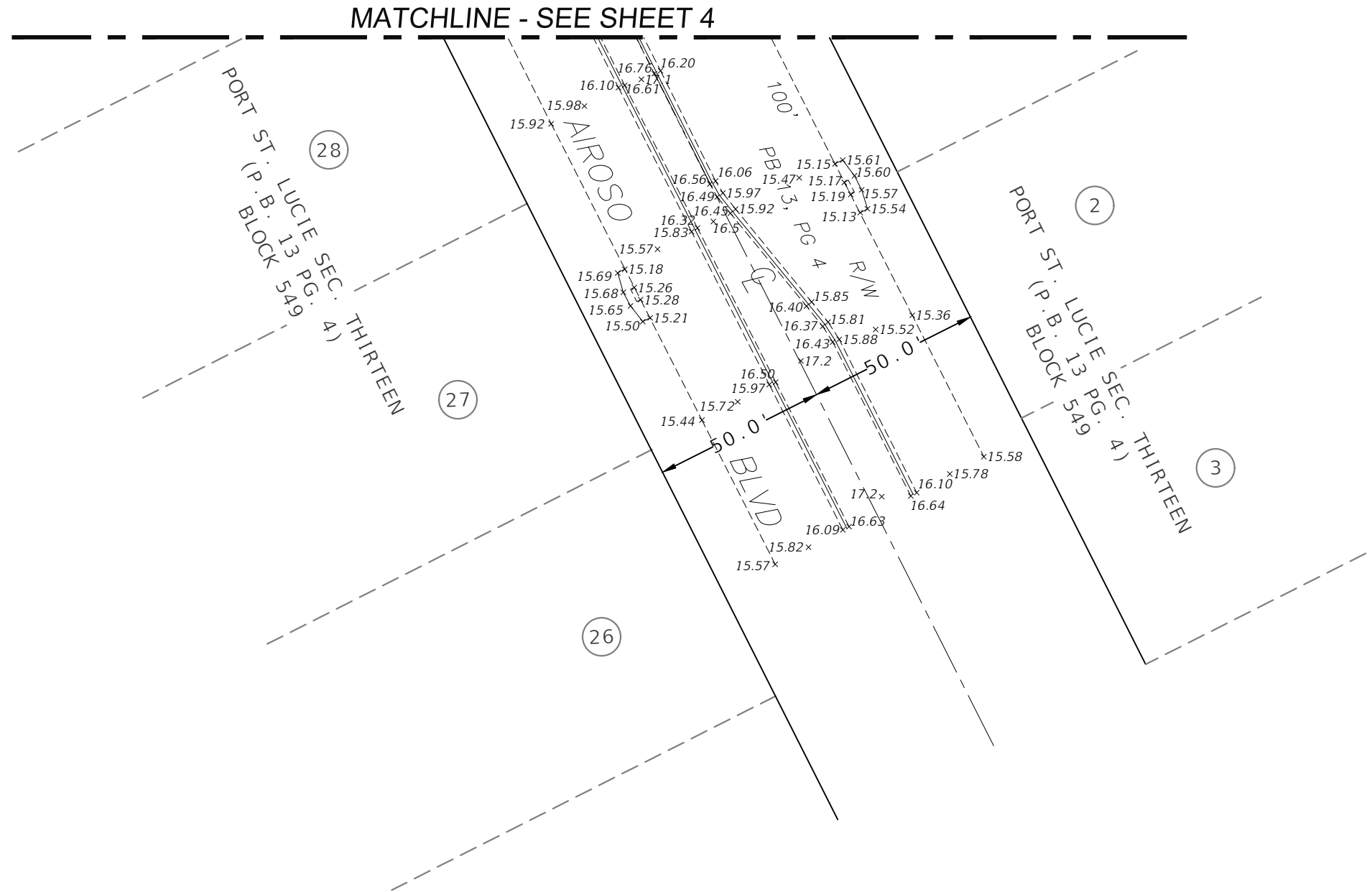
MARLIN
ENGINEERING
10415 RIVERSIDE DRIVE, SUITE 101,
PALM BEACH GARDENS, FL 33410
Tel: (561) 229-0239,
Fax: (305) 477-7590
L.B. # 7241

NAME	DATE	NAME	DATE
DESIGNED BY		DRAWN BY	MW 04/05/24
CHECKED BY		CHECKED BY	KB 04/05/24
PROJECT NO.	2023024.000 SUR		

**AIROSO BOULEVARD
TOPOGRAPHIC SURVEY**
AIROSO BLVD, PORT ST. LUCIE, FLORIDA 34984

AIROSO BOULEVARD TOPOGRAPHIC SURVEY

AIROSO BLVD, PORT ST. LUCIE, FLORIDA 34984



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
05/14/24	MW	MINOR TEXT EDITS			

MARLIN
ENGINEERING

10415 RIVERSIDE DRIVE, SUITE 101,
PALM BEACH GARDENS, FL 33410
Tel: (561) 229-0239,
Fax: (305) 477-7590
L.B. # 7241

	NAME	DATE	NAME	DATE
DESIGNED BY			DRAWN BY	MW 04/05/24
CHECKED BY			CHECKED BY	KB 04/05/24
PROJECT NO.	2023024.000 SUR			

**AIROSO BOULEVARD
TOPOGRAPHIC SURVEY**
AIROSO BLVD, PORT ST. LUCIE, FLORIDA 34984