

PLANS FOR PROPOSED IMPROVEMENTS TO OLD CUTLER ROAD AT 152 STREET AND AT SW 184 STREET

MIAMI-DADE COUNTY PROJECT NO. 20200119
ROADWAY IMPACT FEE (R.I.F.) 5

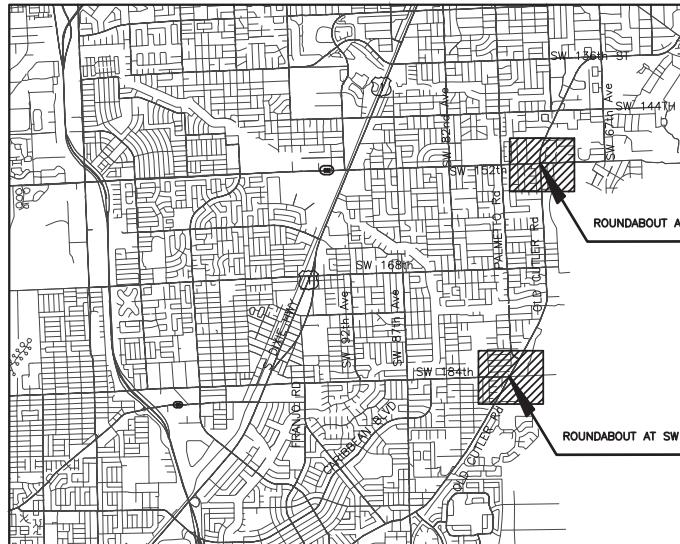
INDEX OF SHEETS

SHT. No.	SHEET DESCRIPTION
1	COVER SHEET
2	TYPICAL SECTION
3	GENERAL NOTES
4	SUMMARY OF QUANTITIES
5	STORM WATER POLLUTION PREVENTION PLAN
6	INLET PROTECTION SYSTEMS DETAIL
7	SEDIMENT BARRIERS DETAIL
8-17	ROADWAY PLAN
18-20	SPECIAL DETAILS
21-30	ROADWAY PROFILE
31-32	GRADING PLAN
33-68	CROSS SECTIONS
67-70	MAINTENANCE OF TRAFFIC
71-81	SIGNING & PAVEMENT MARKING PLAN
82-84	SIGNALIZATION PLANS
85-94	UTILITY ADJUSTMENT SHEET
95-114	DRAINAGE STRUCTURES
115-134	LIGHTING PLANS

SHT. No.	INDEX No.	SHEET DESCRIPTION
135	GSS-01	FDOT STANDARD SYMBOLS FOR KEY SHEET & PLAN SHEETS
136	110-100	FDOT TREE PROTECTION AND PRESERVATION
137	120-001	FDOT EMBANKMENT UTILIZATION
138-139	R12.3 - R12.5	ASPHALT DRIVEWAY
140-147	425-001	FDOT SUPPLEMENTARY DETAILS FOR DRAINAGE STRUCTURES
148-151	425-010	FDOT STRUCTURE BOTTOMS TYPE J AND P
152-154	425-020	FDOT CURB INLET TOP TYPES 1, 2, 3 AND 4
155-161	425-021	FDOT CURB INLET TOP TYPES 5 AND 6
162-165	425-052	FDOT DITCH BOTTOM INLET TYPE C, D, E AND H
166-167	425-080	FDOT UTILITY CONFLICT THRU DRAINAGE STRUCTURES
168-170	443-001	FDOT FRENCH DRAIN
171-172	443-002	FDOT SKIMMERS FOR FRENCH DRAIN OUTLETS
173-174	520-001	FDOT CURB AND GUTTER
175-178	522-001	FDOT CONCRETE SIDEWALK
177-180	522-002	FDOT DETECTABLE WARNINGS AND SIDEWALK CURB RAMPS
181-183	522-003	FDOT CONCRETE FLARED DRIVEWAYS

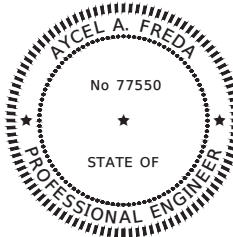
NOTE:

ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN REDUCED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA.



LENGTH OF JOB (SW 152 ST)		
	LIN. FT.	MILES
ROADWAY	2412	0.456
BRIDGE	--	--
GROSS LENGTH OF JOB	2412	0.456
EXCEPTIONS	--	--
NET LENGTH OF JOB	2412	0.456

LENGTH OF JOB (SW 184 ST)		
	LIN. FT.	MILES
ROADWAY	2363	0.447
BRIDGE	--	--
GROSS LENGTH OF JOB	2363	0.447
EXCEPTIONS	--	--
NET LENGTH OF JOB	2363	0.447



PREPARED FOR
MIAMI-DADE COUNTY
DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION

STEPHEN P. CLARK CENTER
111 NW 1 ST
MIAMI, FLORIDA 33128

BY
MARLIN
ENGINEERING

3363 W. COMMERCIAL Blvd, Ste. 115 | FT Lauderdale, FL 33309
P: 954.870.5070 | CA. No. 6104

ENGINEER OF RECORD:

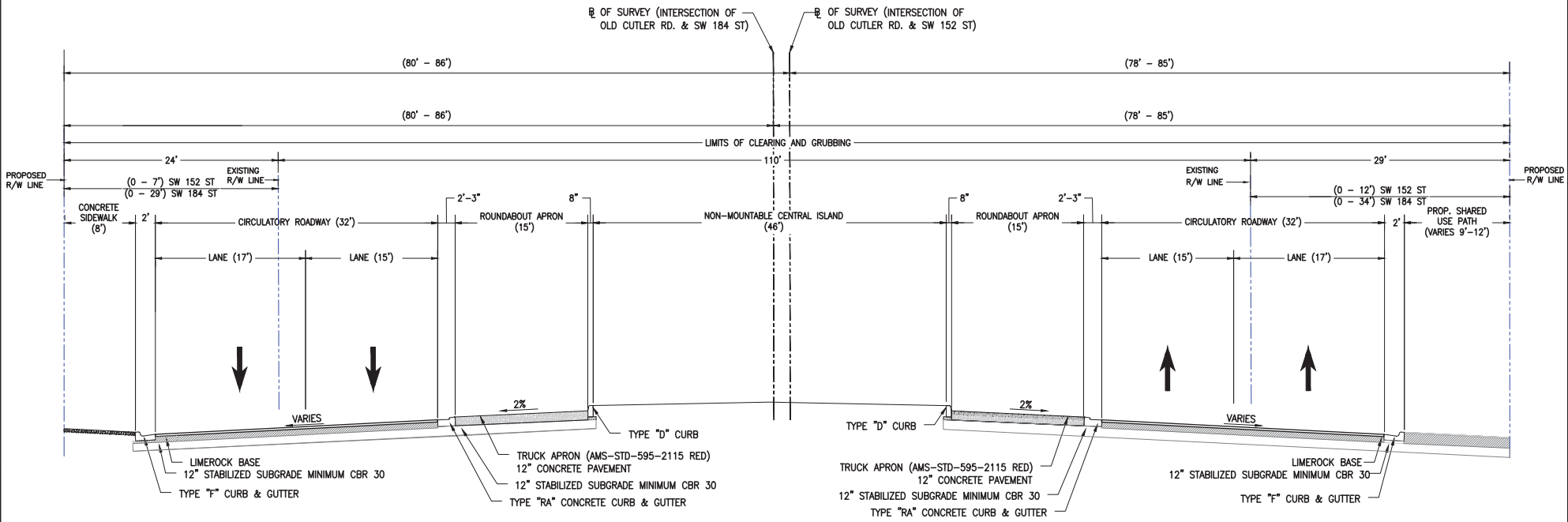
Ayce A Freda Digitally signed by Ayce A Freda
Date: 2021.11.05 10:02:32 -04'00'

AYCEL A. FREDA
FLORIDA REGISTRATION P.E. No. 77550

APPROVED	_____	COUNTY ENGINEER
RECOMMENDED	_____	ASSISTANT DIRECTOR
SUBMITTED	_____	HIGHWAY DIVISION
PROPOSED	_____	CHECK
DESIGN	_____	DRAWN
DATE	_____	SHEET 1 OF 183

THESE PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH AND ARE COVERED BY THE MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT STANDARDS AND SPECIFICATIONS PARTS 1, 2 AND 3, THE MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS, THE FLORIDA DEPARTMENT OF TRANSPORTATION FY 2021-22 STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION, AND THE FLORIDA DEPARTMENT OF TRANSPORTATION JULY 2021 STANDARD SPECIFICATIONS eBOOK, AS AMENDED BY CONTRACT DOCUMENTS.





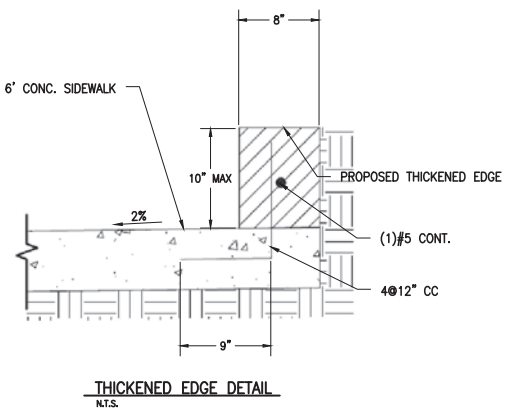
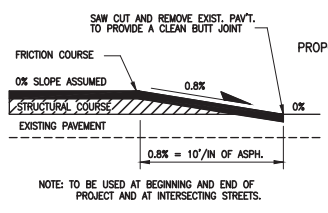
- TYPICAL SECTION NOTES:**
- ALL EXISTING LIMEROCK BASE THAT IS REMOVED IS TO BE INCORPORATED INTO THE STABILIZED PORTION OF THE SUBGRADE AND IS NOT TO BE USED IN CONSTRUCTION OF THE PROPOSED BASE.
 - EXTEND LIMEROCK BASE (8" THICK) 6" OUTSIDE EDGES OF PAVEMENT AT ALL CONNECTIONS AND INTERSECTIONS TO COUNTY STREETS AND ROADS.
 - STABILIZED ALL TURNOUTS AND INTERSECTIONS TO COUNTY ROADS AND STREETS TO A DEPTH OF 12" (MIN CBR OF 30) AND 12" OUTSIDE EDGES OF PAVEMENT, 6" BACK OF CURB.
 - DROP CURB AND DRIVEWAY CONNECTIONS SHALL BE PROVIDED FOR ACCESS TO ALL PRIVATE PROPERTIES ADJACENT TO THE PROJECT CONSTRUCTION. FINAL LOCATION OF DRIVEWAYS ACCESS TO BE DETERMINED BY THE ENGINEER.
 - COST OF LIMEROCK BASE BENEATH CURB AND GUTTER IS TO BE INCLUDED IN COST OF CURB & GUTTER (ITEM 520-1-10)

WIDENING/ RECONSTRUCTION
LIMEROCK BASE (8" THICK) PRIMED WITH HMA, TRAFFIC C, SP-12.5 (2")
HMA, FRICTION COURSE, TRAFFIC C, FC-9.5 (1")

MILLING & RESURFACING
MILL EXISTING ASPHALT PAVEMENT (1" AVERAGE DEPTH)
RESURFACE, FRICTION COURSE, TRAFFIC C, FC-9.5 (1")

SHARED USE PATH (SUP)
12" STABILIZED SUBGRADE MIN. CBR 30
LIMEROCK BASE (4" THICK) PRIMED WITH HMA, TRAFFIC A, SP-9.5 (1.5")

TURNOUT
LIMEROCK BASE (6" THICK) PRIMED WITH HMA, TRAFFIC A, SP-9.5 (1")



TYPICAL SECTION
INTERSECTION OF OLD CUTLER RD. AT SW 152 ST AND AT SW 184 (EUREKA DR.)
SPEED DESIGN 30 MPH

TYPICAL SECTION

K:\DESIGN\20200119\0401\2020-12-12-16-04-Cutler-Roundabouts\SP-184-ST\W\TYPICAL_SECTION.dwg Nov 04, 2021 - 5:04pm JFB/ER

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

MARLIN
ENGINEERING
ANGEL ABRIN FREDA | P.E. No.: 77550
3363 W. COMMERCIAL BLVD. SUITE 113 | FT. LAUDERDALE, FL 33309
P: 954.870.5070 | C.A. No. 6104

DESIGNED BY	NAME	DATE	DRAWN BY	NAME	DATE
	R.L.			M.P.	
CHECKED BY	A.F.			A.F.	
SUPERVISED BY					

MIAMI-DADE COUNTY
DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION
STEPHEN P. CLARK, CHIEF ENGINEER
100 N.W. 11th Street
MIAMI, FLORIDA 33138

GENERAL NOTES

1. B.M. DATA IS NATIONAL GEODETIC VERTICAL DATUM OF 1929 (N.G.V.D.-29).
2. ANY N.G.V.D. BENCH MARK MONUMENTS WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED AND PROPERLY REFERENCED BY A REGISTERED-LAND SURVEYOR IN ACCORDANCE WITH THE MINIMUM TECHNICAL STANDARDS OF THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS PRIOR TO BEGINNING WORK AT THE SITE. IF ANY MONUMENT IS IN DANGER OF DAMAGE, THE PROJECT ENGINEER SHALL NOTIFY THE BUREAU OF SURVEYING A MAPPING, FLORIDA DIVISION OF STATE LANDS, 3900 COMMERCIAL BLVD., MAIL STATION 100, TALLAHASSEE, FLORIDA 32399-3000 TELEPHONE (850) 245-2118.
3. ALL PUBLIC LAND CORNERS AND MONUMENTS WITHIN THE LIMITS OF CONSTRUCTION ARE TO BE PROTECTED BY THE CONTRACTOR AS FOLLOWS: CORNERS AND MONUMENTS IN CONFLICT WITH THE WORK AND IN DANGER OF BEING DAMAGED, DESTROYED, OR COVERED SHALL BE PROPERLY REFERENCED BY A REGISTERED-LAND SURVEYOR IN ACCORDANCE WITH THE MINIMUM TECHNICAL STANDARDS OF THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS PRIOR TO BEGINNING WORK AT THE SITE. THE CONTRACTOR SHALL RETAIN THE LAND SURVEYOR TO REFERENCE, AND RESTORE UPON COMPLETION OF THE WORK, ALL SUCH CORNERS AND MONUMENTS AND SHALL FURNISH TO MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT A SIGNED AND SEALED COPY OF THE LAND SURVEYOR'S REFERENCE DRAWINGS.
4. ALL STATIONS AND OFFSETS REFER TO BASELINE OF SURVEY, UNLESS OTHERWISE STATED.
5. ALL GRADES SHOWN IN PLAN ARE FINISHED GRADES.
6. THE CONTRACTOR SHALL PAINT ALL STATIONS WITH STENCILED NUMBERS ON THE FACE OF CURB:
 - A. FROM THE BEGINNING OF THE PROJECT WHERE THE CURB IS TO REMAIN.
 - B. AT NEW CURB NOT LATER THAN 72 HOURS AFTER BEING POURED.
 - C. WHERE CURB DOES NOT EXIST AND SHALL NOT BE CONSTRUCTED.
 THE CONTRACTOR SHALL MAINTAIN STATIONING WITH SURVEYING STAKES. THE CONTRACTOR SHALL MAINTAIN THE STATION MARKS VISIBLE UNTIL FINAL INSPECTION.
7. ALL CONSTRUCTION SHALL BE IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF THE MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT, AND ANY OTHER STATE OR LOCAL AGENCY WITH JURISDICTION. IT IS THE INTENT OF THESE PLANS TO BE IN ACCORDANCE WITH APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION. ANY DISCREPANCIES BETWEEN THESE PLANS AND APPLICABLE CODES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER.
8. CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE EPA AND THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES).
9. THE LOCATION AND SIZE OF THE UTILITIES SHOWN IN THE PLANS ARE BASED ON THE BEST AVAILABLE INFORMATION AND SHOULD BE CONSIDERED APPROXIMATE ONLY. NEITHER UTILITY DESIGNATES OR UTILITY LOCATES (vsh) WHERE AVAILABLE DURING THE DESIGN PHASE. ADDITIONAL UTILITIES MAY EXIST WHICH ARE NOT SHOWN ON THESE DRAWINGS. THE CONTRACTOR SHALL VERIFY ALL UTILITIES BY ELECTRICAL METHODS AND BY PRE-TRENCHING IN COORDINATION WITH ALL UTILITY COMPANIES PRIOR TO BEGINNING ANY CONSTRUCTION AND ALL LOCATIONS OF EXISTING UTILITIES WITH PROPOSED IMPROVEMENTS MUST BE RESOLVE BY THE CONTRACTOR AND THE UTILITY OWNER WITH THE APPROVAL OF THE ENGINEER. THE WORK BY THE CONTRACTOR SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.

ANY MODIFICATIONS TO PROPOSED DRAINAGE STRUCTURES, AND/OR ADJUSTMENT TO LOCATION OF DRAINAGE STRUCTURES/LIGHT POLES ARE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.
10. BASELINE CONTROL SURVEY CONDUCTED BY MIAMI-DADE COUNTY. PLEASE CALL JEFFREY D. WHITMORE AT (305)-375-2657 CONCERNING SURVEY RELATED QUESTIONS.
11. EXISTING TOPOGRAPHIC INFORMATION WAS OBTAINED FROM SURVEY PREPARED BY MIAMI-DADE COUNTY.
12. CONTRACTOR SHALL CONTACT SUNSHINE STATE ONE-CALL AT 1-(800)-432-4770 AT LEAST 48 HOURS PRIOR TO PERFORMING ANY DIGGING TO VERIFY THE EXACT LOCATION OF EXISTING UTILITIES. A CONTRACTOR'S REPRESENTATIVE MUST BE PRESENT WHEN UTILITY COMPANIES LOCATE THEIR FACILITIES.
13. THE CONTRACTOR IS TO USE CAUTION WHEN WORKING IN OR AROUND AREAS OF OVERHEAD AND UNDERGROUND UTILITIES.
14. MIAMI-DADE WATER AND SEWER DEPARTMENT REQUIRES THAT ACCESS TO ALL WATER AND SEWER VALVES, SANITARY MANHOLES, AND OTHER CONTROL MECHANISMS BE MAINTAINED THROUGHOUT CONSTRUCTION IN THE EVENT OF AN EMERGENCY TO ENSURE THE PUBLIC HEALTH AND SAFETY. COVERING VALVE BOXES AND MANHOLES CAN BE CONSIDERED UNAUTHORIZED OBSTRUCTION OF AND TAMPERING WITH DEPARTMENT UTILITIES. ALL REQUESTS FOR UTILITY ADJUSTMENTS MUST BE MADE IN WRITING AT LEAST TWO (2) WEEKS IN ADVANCE. FOR MANHOLE AND VALVES, CONTACT THE CONSTRUCTION MANAGEMENT SECTION, PUMP STATIONS UNIT, 3071 SW 38 AVENUE, FAX NO. 305-489-3626. THE DEPARTMENT WILL MAKE ONE FINAL AND PERMANENT ADJUSTMENT AT NO COST TO THE REQUESTING AGENCY. FOR THE ADJUSTMENT OF WATER METERS, CONTACT THE CHIEF OF METER OPERATIONS AND MAINTENANCE, FAX NO. 305-545-3482. FOR ANY FIRE HYDRANTS THAT ARE DAMAGED OR BUMPED DURING CONSTRUCTION, CONTACT THE MWDSD HYDRANT SHOP AT 305-805-4575 BEFORE POURING CONCRETE FOR THE SIDEWALK. IN THE EVENT OF A WATER OR SEWER EMERGENCY, CONTACT MIAMI DADE WATER AND SEWER DEPARTMENT AT 305-274-9272. THIS LINE IS OPEN 24 HOURS, 7 DAYS A WEEK.
15. KNOWN UTILITY COMPANIES IN THE PROJECT LIMITS INCLUDE, BUT ARE NOT LIMITED TO:

FR&L	JOHN GERALDO	(305) 442-5172
FLORIDA CITY GAS	GUSTAVO PEÑA	(305) 835-3603
MIAMI-DADE WSD	PATRICK CHONG	(786) 552-4416
AT&T	STEVE MASSIE	(305) 222-8754
COMCAST	LEONARD MAXWELL	(800) 778-9140
MCI	ANTHONY KOWALESKI	(469) 886-0346
CROWN CASTLE	NICK BELINSKY	(724) 416-2449
16. THE CONTRACTOR IS ADVISED THAT PROPERTIES ADJACENT TO THE PROJECT HAVE ELECTRIC, TELEPHONE, GAS, WATER, AND/OR SEWER SERVICE LATERALS WHICH MAY NOT BE SHOWN IN PLANS. THE CONTRACTOR MUST REQUEST THE LOCATION OF THESE LATERAL SERVICES FROM THE UTILITY COMPANIES. THE ADDITIONAL COST OF EXCAVATING, INSTALLING, BACKFILLING, AND COMPACTING AROUND THESE LATERAL SERVICES MUST BE INCLUDED IN THE BID RELATED ITEM FOR THE WORK BEING DONE.
17. THE CONTRACTOR MUST MAINTAIN CLEARANCES AS REQUIRED BY OSHA WHILE WORKING IN THE PROXIMITY OF FPL'S HIGH-VOLTAGE TRANSMISSION CONDUCTORS AND LOW VOLTAGE DISTRIBUTION CONDUCTORS.
18. THE ROADWAY CONTRACTOR MUST MAINTAIN ACCESS TO ALL PFL FACILITIES AT ALL TIMES DURING HIS CONSTRUCTION.
19. ALL EXISTING FACILITIES MUST REMAIN ENERGIZED DURING ROAD CONSTRUCTION.
20. ANY DAMAGE TO PUBLIC OR PRIVATE PROPERTY SHALL BE RESTORED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
21. ANY ENCROACHMENT WITHIN THE LIMITS OF CONSTRUCTION SHALL BE RELOCATED OR PROTECTED BY THE ADJACENT PROPERTY OWNER AT THEIR EXPENSE.

22. CLEARING AND GRUBBING, GRADING AND OTHER INCIDENTAL WORK NECESSARY FOR HARMONIZATION OUTSIDE R/W SHALL BE INCLUDED IN RELATED BID ITEMS.
23. ALL GRASS AREAS AFFECTED BY CONSTRUCTION SHALL BE RE-SODDED. COST TO BE INCLUDED UNDER PAY ITEM 570-1-2
24. THE CONTRACTOR SHOULD TAKE SPECIAL NOTE OF SOIL CONDITIONS THROUGHOUT THIS PROJECT. ANY SPECIAL SHORING, SHEETING OR OTHER PROCEDURES NECESSARY TO PROTECT ADJACENT PROPERTY, PUBLIC OR PRIVATE, DURING THE EXCAVATION OF SUBSOIL MATERIAL AND EXPLORATION TRENCH, OR FILLING OF ANY AREA, OR FOR ANY OPERATION DURING CONSTRUCTION, SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
25. IF SHEETING, SHORING, OR DEWATERING, INCLUDING WELL POINTS ARE NECESSARY, THE CONTRACTOR MUST MONITOR AND CONTROL ALL WORK THAT MAY CAUSE CRACKING TO ANY ADJACENT BUILDING, STRUCTURE, OR PROPERTY AREA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE CAUSED BY THESE OPERATIONS. COST OF SHEETING, SHORING, OR DEWATERING SHALL BE INCLUDED IN THE RELATED BID ITEM FOR THE WORK BEING DONE.
26. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE DEWATERING PERMIT. COST OF THE PERMIT AND DEWATERING SHALL BE INCLUDED IN THE THE RELATED BID ITEM FOR THE WORK BEING DONE.
27. THE CONTRACTOR WILL RESTRICT PERSONNEL, THE USE OF EQUIPMENT, AND THE STORAGE OF MATERIALS TO AREAS WITHIN THE LIMITS OF CONSTRUCTION AND DESIGNATED STAGING AREA.
28. EXPLORATORY OR PRE-TRENCHING IN THE ALIGNMENT AND GRADE OF PROPOSED PIPES STRUCTURES, FRENCH DRAINS, CONDUITS, POLE FOUNDATIONS AND/OR SUB-GRADE SHALL BE PERFORMED SEVEN DAYS IN ADVANCE OF ITS CONSTRUCTION AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL PROVIDE UNDERGROUND UTILITY OWNERS AND THE DEPARTMENT WITH IMMEDIATE NOTIFICATION OF ANY CONFLICT WITH PROPOSED CONSTRUCTION. THIS NOTIFICATION SHALL PROVIDE SURVEY INFORMATION ABOUT EXISTING UTILITY ALIGNMENT, GRADE AND POSSIBLE CONFLICTS. PAYMENT FOR EXPLORATORY OR PRE-TRENCHING, SURVEY AND BACKFILLING SHALL BE INCLUDED IN THE COST OF THE RELATED BID ITEM FOR THE WORK BEING DONE.
29. ALL DITCH EXCAVATIONS SHALL BE PERFORMED IN FULL COMPLIANCE WITH THE PROVISIONS OF THE TRENCH SAFETY ACT.
30. ALL EXCESS MATERIAL, AS DESIGNATED BY THE ENGINEER, IS TO BE DISPOSED BY THE CONTRACTOR IN AREAS PROVIDED BY HIM WITHIN 72 HOURS OF BEING DEPOSITED IN THE CONSTRUCTION AREA AND AT THE CONTRACTOR'S EXPENSE.
31. ALL DISPOSAL OF MATERIALS, RUBBISH, AND DEBRIS SHALL BE MADE AT A LEGAL DISPOSAL SITE OR BY OTHER PRIOR APPROVED MANNER. MATERIAL CLEARED FROM THE SITE AND DEPOSITED ON ADJACENT OR NEARBY PROPERTY WILL NOT BE CONSIDERED AS HAVING BEEN DISPOSED OF SATISFACTORILY.
32. ANY KNOWN OR SUSPECTED HAZARDOUS MATERIAL FOUND ON THE PROJECT BY THE CONTRACTOR SHALL BE IMMEDIATELY REPORTED TO THE PROJECT ENGINEER, WHO SHALL DIRECT THE CONTRACTOR TO PROTECT THE AREA OF KNOWN OR SUSPECTED CONTAMINATION FROM FURTHER ACCESS. THE ENGINEER WILL ARRANGE FOR INVESTIGATION, IDENTIFICATION, AND REMEDIATION OF THE HAZARDOUS MATERIAL. THE CONTRACTOR SHALL NOT RETURN TO THE AREA OF CONTAMINATION UNTIL APPROVAL IS PROVIDED BY THE PROJECT ENGINEER.
33. EXISTING ABOVE GROUND FEATURES ARE SHOWN ACCORDING TO THE BEST AVAILABLE DATA AND MAY NOT ACCURATELY REFLECT PRESENT CONDITIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING HIMSELF WITH CURRENT SITE CONDITIONS, AND SHALL REPORT DISCREPANCIES TO THE ENGINEER PRIOR TO STARTING WORK.
34. CONTRACTOR IS TO VERIFY THE EXACT LOCATION OF ALL EXISTING TREES, STRUCTURES AND UTILITIES, WHICH MAY NOT BE SHOWN ON PLANS. ANY STRUCTURE, PAVEMENT, TREES OR OTHER EXISTING IMPROVEMENT NOT SPECIFIED FOR REMOVAL WHICH IS TEMPORARILY DAMAGED, EXPOSED OR IN ANY WAY DISTURBED BY CONSTRUCTION PERFORMED UNDER THIS CONTRACT, SHALL BE REPAIRED, PATCHED OR REPLACED AT NO ADDITIONAL COST TO THE OWNER.
35. CONTRACTOR TO RELOCATE TREES AS DIRECTED BY THE ENGINEER. CONTRACTOR SHALL AVOID DAMAGE TO ANY EXISTING TREES TO REMAIN. EXISTING TREES SHALL BE REMOVED ONLY IF REQUIRED FOR CONSTRUCTION. THOSE TREES NOT INTERFERING WITH CONSTRUCTION SHALL BE PROTECTED IN PLACE.
36. THE CONTRACTOR SHALL USE A STREET SWEEPER (USING WATER) OR OTHER EQUIPMENT CAPABLE OF CONTROLLING AND REMOVING DUST. APPROVAL OF THE USE OF SUCH EQUIPMENT IS CONTINGENT UPON ITS DEMONSTRATED ABILITY TO DO THE WORK.
37. THE CONTRACTOR SHALL PREPARE AND SUBMIT SHOP DRAWINGS FOR ALL ITEMS USED IN THIS PROJECT.
38. WHEN DISSIMILAR MATERIAL CONNECTIONS ARE MADE, SUCH AS CONCRETE TO METAL, THE DISSIMILAR MATERIAL SHALL BE SEPARATED BY COATING THE CONTACT SURFACE WITH BITUMASTIC MATERIAL.
39. THE CONTRACTOR IS RESPONSIBLE FOR KEEPING EXISTING AND NEW INLETS CLEAN OF MILLING MATERIAL, LIMEROCK, DEBRIS, ETC. DURING THE CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER. ALL LINES AND STRUCTURES SHALL BE CLEANED PRIOR TO FINAL INSPECTION AND ACCEPTANCE.
40. CAST IRON PRODUCTS: HEAVY-DUTY CLASSIFICATION SUITABLE FOR HIGHWAY TRAFFIC LOADS OR 16,000 LBS WHEEL LOADS.
41. STEEL GRATING AND COVERS: TRAFFIC CLASSIFICATION H-20; 16,000 LBS OVER 8"x20" AREA.
42. EXISTING DRAINAGE STRUCTURES WITHIN THE LIMITS OF CONSTRUCTION SHALL NOT BE REMOVED UNLESS OTHERWISE NOTED.
43. EXISTING MANHOLES AND INLETS SCHEDULED TO REMAIN SHALL BE THOROUGHLY CLEANED BY REMOVING ALL DEBRIS AND SEDIMENTS, AND THE INTERIOR SHALL BE SEALED WITH AN APPROVED NON-TOXIC BITUMASTIC SEALANT.
44. PRIOR TO CONSTRUCTION THE CONTRACTOR WILL INSPECT ALL EXISTING STRUCTURES WHICH ARE TO REMAIN AND NOTIFY THE ENGINEER OF ANY OBVIOUS STRUCTURAL DEFICIENCIES.
45. CONTRACTOR SHALL ADJUST ALL EXISTING CATCH BASINS, GRATES, AND STORM MANHOLE COVERS TO MEET NEW GRADES WHERE APPLICABLE.
46. ELEVATIONS AND OFFSETS SHOWN AT DRAINAGE STRUCTURES REFER TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
47. RADI ON CURB RETURNS ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
48. PRIOR TO CONSTRUCTION THE CONTRACTOR WILL VERIFY INVERT ELEVATIONS OF ALL PIPES WHICH ARE TO REMAIN AND NOTIFY THE ENGINEER OF ANY ELEVATION DEVIATIONS.
49. THERE SHALL BE NO MORE THAN THREE LATERAL DRAINAGE INSTALLATIONS WITHOUT BACKFILLING. BACKFILLING OF LATERAL DRAINAGE SHALL NOT LAG MORE THAN 72 HOURS BEHIND THE START OF EXCAVATION.
50. SPECIAL ATTENTION IS DIRECTED TO THE FACT THAT PORTIONS OF SOME DRAINAGE STRUCTURES EXTEND INTO THE STABILIZED PORTION OF THE ROADBED AND EXTREME CAUTION SHOULD BE USED IN THE STABILIZING OPERATIONS AT THESE LOCATIONS.
51. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROVISION, INSTALLATION, AND MAINTENANCE OF ALL TRAFFIC CONTROL AND SAFETY DEVICES, IN ACCORDANCE WITH SPECIFICATIONS OUTLINED IN THE PUBLIC WORKS DEPARTMENT MANUAL, THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, AND THE FDOT DESIGN STANDARDS.

MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION
OLD CUTLER RD. ROUNDABOUTS AT SW 152 ST & SW 184 ST
PROJECT NO. 20200119 SHEET 3 OF 183

K:\DESIGN\2020\16.000_LDP_MJ20200119\CAO\2020-12-18- Old Cutler Roundabout\SW 184 ST\DWG\03-DRAW-NOTES.dwg Nov 04, 2021 - 5:56pm JFERRE

REVISIONS							
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY

MARLIN
ENGINEERING
ARIEL ARN FRENZ | P.E. No.: 775050
3363 W. COMMERCIAL, Box. 115 | Ft. Lauderdale, FL 33309
P: 954.870.5070 | CA. No. 6104

NAME	DATE	NAME	DATE
DESIGNED		DRAWN	
RL		BY	
CHECKED		CHECKED	
AF		AF	
SUPERVISED BY			

MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS HIGHWAY DIVISION
STEPHA P. CLARE, ENGINEER
MIAMI, FLORIDA 33128

GENERAL NOTES

SUMMARY OF QUANTITIES - OLD CUTLER ROAD

PAY ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	
			ROADWAY SW 152ND STREET	ROADWAY SW 184TH STREET
102-1A	MAINTENANCE OF TRAFFIC	L.S.	1	1
104-10-3	SEDIMENT BARRIER	LF	4233	4414
104-18	INLET PROTECTION SYSTEM	EA	2	13
110-1-1B	CLEARING AND GRUBBING	L.S./AC	113.36	113.19
110-4-10	REMOVAL OF EXISTING CONCRETE	SY	765	639
110-7-1B	RELOCATE MAILBOX	EA	2	1
120-1	REGULAR EXCAVATION	CY	4687.1	5419.6
120-2-2	BORROW EXCAVATION	CY	346.3	392.9
160-4	TYPE B STABILIZATION (12" THICK) (MIN. CBR 30)	SY	9939	11698
200-1-3	LIMEROCK BASE (4" THICK, PRIMED)	SY	1156	645
200-1-10	LIMEROCK BASE (8" THICK PRIMED)	SY	9777	12223
286-1	TURNOUT CONSTRUCTION	SY	289	50
327-70-01	MILLING EXISTING ASPHALT (1" AVG. DEPTH)	SY	2072	1266
334-2-11	HOT MIX ASPHALT, TRAFFIC A	TN	86.7	32.2
334-2-13-2	HOT MIX ASPHALT, TRAFFIC C, SP-12.5	TN	977.7	1222.3
337-6-42	HOT MIX ASPHALT FRICTION COURSE, TRAFFIC C, FC-9.5, PG 76-22	TN	602.8	660.8
350-30-13	CONCRETE PAVEMENT FOR ROUNDABOUT APRON, 12" DEPTH	SY	320.0	320.0
400-1-15	CLASS I CONCRETE (MISCELLANEOUS) (COLLARS, PIPE PLUGS, STRUCTURE PLUGS ETC)	CY	5.0	5.0
425-1-331C	INLET CURB TYPE P-3 < 10'	EA	1	2
425-1-332	INLET CURB TYPE P-3 > 10'	EA	1	1
425-1-341	INLETS (CURB) TYPE P-4 < 10'	EA	4	1
425-1-341A	INLET CURB TYPE P-4 > 10'	EA	1	4
425-1-351	INLET CURB (TYPE P-5) < 10'	EA	4	5
425-1-353	INLETS (CURB) (TYPE P-5) (>10')	EA	1	1
425-1-355	INLET TOP CURB (TYPE 5) INCLUDES ADJUSTMENT TO BOX, IF NECESSARY (PARTIAL)	EA	2	2
425-1-361	CURB INLET, TYPE P-6 < 10'	EA	2	2
425-1-362A	INLET (CURB TYPE P-6) (>10')	EA	1	4
425-1-442	INLETS (CURB) (TYPE P-4) (>10')	EA	1	1
425-1-451B	INLET (CURB) TYPE P-5 (<10')	EA	1	1
425-1-543	DITCH BOTTOM INLET, TYPE D, J, BOTTOM, <10'	EA	11	1
425-1-603A	INLET CURB TYPE P-11 < 10'	EA	1	1
425-2-61	MANHOLES, P-8, <10'	EA	3	3
425-2-62	MANHOLES, P-8, >10'	EA	1	2
425-5	ADJUST MANHOLE (THIS ITEM IS CONTINGENT UPON FIELD CONDITIONS AND MAY BE INCREASED, DECREASED OR ELIMINATED BY THE ENGINEER)	EA	1	1
425-5-1	ADJUST MANHOLE (UTILITIES) (MIAMI-DADE WATER & SEWER ONLY)	EA	1	7
425-6	ADJUST EXISTING VALVE BOXES (MIAMI-DADE COUNTY ONLY)	EA	9	12
430-175-118	PIPE CULVERT OPTIONAL MATERIAL, ROUND SHAPE, 18"	LF	1548	1860
443-70-4-3	FRENCH DRAIN (24" DIAMETER PERFORATED PIPE, TRENCH DEPTH 15 FT. BLS)	LF	754	387
500-1-7(1)	CONCRETE MEDIAN CURB (TYPE "E")	LF	862	1505
500-1-108	CONCRETE CURB AND GUTTER (TYPE F)	LF	3327	3573
500-2-2	CONCRETE CURB (TYPE "B")	LF	61	281
500-2-8A	CONCRETE CURB AND GUTTER (TYPE RA)	LF	242	242
500-2-12	CONCRETE CURB (TYPE "D")	LF	145	145
523-1(1)	CONCRETE SIDEWALK 4" THICK, 3000 PSI CONCRETE AT 28 DAYS (INCLUDES THE COST OF PEDESTRIAN RAMPS AND SIDEWALK CURBS)	SY	720	275
523-2(1)	CONCRETE SIDEWALK (6" THICK) (INCLUDES DRIVEWAYS)	SY	570	616
527-2	DETECTABLE WARNINGS	SF	329	417
570-1-2	PERFORMANCE TURF, SOD	SY	5261	3504
580-3	TREE PROTECTION BARRICADES	LF	1160	1160
580-322-2A	TREE REMOVAL AND DISPOSAL (8" TO 12" DIA.)	EA	13	24
580-322-4A	TREE REMOVAL AND DISPOSAL (12" TO 24" DIA.)	EA	34	26
580-322-5A	TREE REMOVAL AND DISPOSAL (24" TO 36" DIA.)	EA	2	1

PAY ITEM NOTES

102-1 TO BE ACCOMPLISHED IN ACCORDANCE WITH THE FLORIDA DEPARTMENT OF TRANSPORTATION INDEX 102 SERIES, THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION (ANSI D6 1-1978), PUBLIC WORKS MANUAL OF METROPOLITAN DADE COUNTY, AND THE LATEST REVISIONS OF THE AFORE MENTIONED MANUALS. INCLUDES THE COST OF FURNISHING, INSTALLING, MAINTAINING, AND REMOVING ALL ITEMS OF MAINTENANCE OF TRAFFIC NOT PAID FOR UNDER SEPARATE ITEMS INCLUDING BUT NOT LIMITED TO SIGNS, BARRICADES, FLASHING LIGHTS, TEMPORARY PAVEMENT, TEMPORARY PAVEMENT MARKINGS, TRAFFIC SIGNAL MODIFICATIONS FOR TRAFFIC CONTROL, ETC.

110-1-1 INCLUDES REMOVAL OF EXISTING PAVEMENT, CONCRETE SIDEWALK, DRIVEWAYS, CURB AND GUTTER, EXISTING STORM SEWERS (DRAINAGE STRUCTURES, PIPES, FRENCH DRAIN AND/OR SLAB COVERED TRENCHES. COST OF REMOVAL, DISPOSAL, BACKFILLING AND COMPACTING IS ALSO INCLUDED). MISCELLANEOUS CONCRETE, VEGETATION, TREES AND DEBRIS TO BE DISPOSED OF IN LEGAL AREAS PROVIDED BY THE CONTRACTOR. INCLUDES THE COST OF CLEANING-OUT ALL EXISTING DRAINAGE STRUCTURES WHICH ARE TO REMAIN WITHIN THE LIMITS OF CONSTRUCTION.

120-1 THESE ARE ESTIMATED QUANTITIES AND MAY BE INCREASED OR DECREASED BY THE ENGINEER. 443-70-4 INCLUDES THE COST OF EXCAVATION TO PLAN ELEVATION, PERFORATED PIPE, PEACOCK BALLAST ROCK, PLASTIC FILTER FABRIC AND BACKFILLING WITH SELECT FILL (SEE DETAIL OF EXFILTRATION DRAIN TO DETERMINE NON-PERFORATED PIPE QUANTITY) AND ALL APPLICABLE ITEMS REQUIRED TO CONSTRUCT EXFILTRATION DRAIN.

400-1-15 INCLUDES COLLARS, PIPE PLUGS, STRUCTURE PLUGS ETC.

520-1-10 INCLUDES DROP CURB AT DRIVEWAYS AND 3 FT OF CURB ENDING AS DIRECTED BY THE ENGINEER. ALSO INCLUDES COST OF LIMEROCK.

570-1-2 INCLUDES SOD TO BE USED IN THE RESTORATION OF LAWNS AND MAY BE INCREASED OR DECREASED AS DIRECTED BY THE ENGINEER.

SUMMARY OF EARTHWORK

ITEM	QUANTITY
REGULAR EXCAVATION	10106.7 C.Y.
SUBSOIL EXCAVATION	C.Y.
FILL	739.2 C.Y.
EMBANKMENT (SUBSOIL EXCAVATION) + FILL	739.2 C.Y.

- SUMMARY OF EARTHWORK IS BASED ON THE CONSTRUCTION OF LIMEROCK BASE 8" & 4" THICK AS INDICATED ON THE CROSS SECTIONS.
- ANY EXCAVATED MATERIAL, IF UNSUITABLE, SHALL NOT BE USED IN THE CONSTRUCTION OF THE EMBANKMENT.
- EXCESS MATERIAL TO BE DISPOSED OF BY THE CONTRACTOR IN AREAS PROVIDED BY HIM. NO SEPARATE PAYMENT WILL BE MADE FOR THIS ITEM.
- AN ESTIMATED 8181 C.Y. OF UNCLASSIFIED MATERIAL IS TO BE DISPLACED BY THE STORM SEWER SYSTEM WHICH INCLUDES THE EXFILTRATION DRAIN AND IS NOT INCLUDED IN THE SUMMARY OF EARTHWORK QUANTITIES. THIS MATERIAL IS TO BE UTILIZED ON THE PROJECT AS DIRECTED BY THE ENGINEER. ANY EXCESS OF MATERIAL IS TO BE DISPOSED OF IN LEGAL AREAS AS PROVIDED BY THE CONTRACTOR.

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION



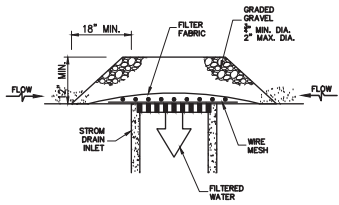
MARLIN ENGINEERING
ARCIEL ARMI FRED | P.E. No.: 77050
3363 W. COMMERCIAL, Bldg. 115 | FT. LAUDERDALE, FL 33309
P: 954.870.9070 | CA. No. 6104

DESIGNED BY	NAME	DATE	DRAWN BY	NAME	DATE
	RL			M.P.	
CHECKED BY	A.F.		CHECKED BY	A.F.	
SUPERVISED BY:					

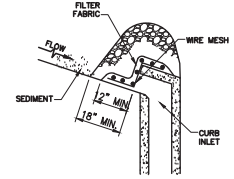


SUMMARY OF QUANTITIES

K:\DESIGN\2020\16.000_LDP_JIT2020119\0400\2020-12-18- Old Cutler Roundabout\SW 184 ST\DWG\04-SUM-QNTS.dwg Nov 04, 2021 - 5:05pm JFERREZ



DROP INLET PROTECTION-GRAVEL

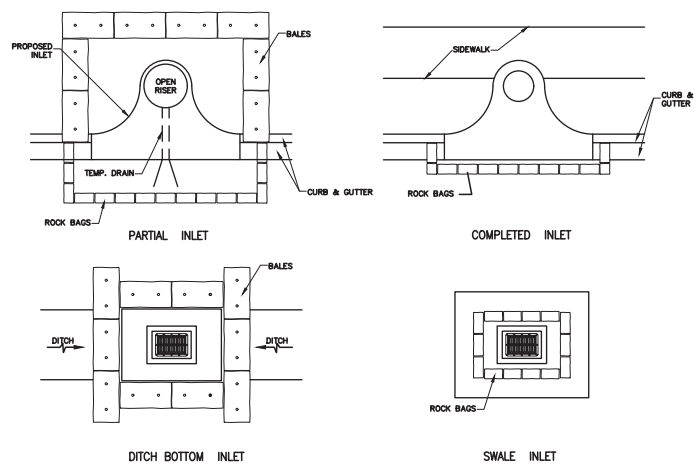


CURB INLET PROTECTION-GRAVEL

GRAVEL APPLICATIONS (TYP.)
 OR APPROVED ALTERNATIVE

NOTES FOR INLET PROTECTION GRAVEL:

- 1- INSTALLATION/APPLICATION CRITERIA:
 - PLACE WIRE MESH (WITH 1/2 INCH OPENINGS) OVER THE INLET GRATE EXTENDING ONE FOOT PAST THE GRATE IN ALL DIRECTIONS.
 - PLACE FILTER FABRIC OVER THE MESH. FILTER FABRIC SHOULD BE SELECTED BASED ON SOIL TYPE.
 - PLACE GRADED GRAVEL, TO A MINIMUM DEPTH OF 12 INCHES, OVER THE FILTER FABRIC AND EXTENDING 18 INCHES PAST THE GRATE IN ALL DIRECTIONS.
- 2- MAINTENANCE:
 - INSPECT INLET PROTECTION AFTER EVERY LARGE STORM EVENT AND AT A MINIMUM OF ONCE MONTHLY.
 - REMOVE SEDIMENT ACCUMULATED WHEN IT REACHES 4 INCHES IN DEPTH.
 - REPLACE FILTER FABRIC AND CLEAN OR REPLACE GRAVEL IF CLOGGING IS APPARENT.
- 3- LIMITATIONS:
 - RECOMMENDED FOR MAXIMUM DRAINAGE AREA OF ONE ACRE.
 - EXCESS FLOWS MAY BYPASS THE INLET REQUIRING DOWN GRADIENT CONTROLS.
 - PONDING WILL OCCUR AT INLET.



PROTECTION ALONG INLETS WITH ROCK BAGS BALES
 OR APPROVED ALTERNATIVES

NOTES FOR SYNTHETIC BALES OR BALE TYPE BARRIERS:

- 1-TYPE I AND II SYNTHETIC BARRIER SHOULD BE SPACED IN ACCORDANCE WITH CHART 1, SHEET 1 OF 2010 FDOT DESIGN STANDARDS INDEX 102.
- 2-BALES SHALL BE ANCHORED WITH TWO (2) 1"x2" (or 1" dia.) x 4' WOOD STAKES. STAKES OF OTHER MATERIAL OR SHAPE PROVIDING EQUIVALENT STRENGTH MAY BE USED IF APPROVED BY THE ENGINEER. STAKES OTHER THAN WOOD SHALL BE REMOVED UPON COMPLETION OF THE PROJECT.
- 3-RAILS AND POSTS SHALL BE 2"x4" WOOD. OTHER MATERIALS PROVIDING EQUIVALENT STRENGTH MAYBE USED IF APPROVED BY THE ENGINEER.
- 4-ADJACENT BALES SHALL BE BUTTED FIRMLY TOGETHER.
- 5-WHERE USED IN CONJUNCTION WITH SILT FENCE, BALES SHALL BE PLACED ON THE UPSTREAM SIDE OF THE FENCE.

INLET PROTECTION SYSTEM (TYP.)
 OR APPROVED ALTERNATIVE

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

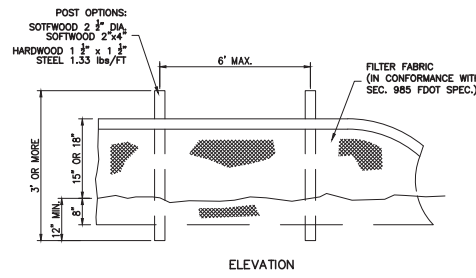
MARLIN
 ENGINEERING
 ATCEC ABRI FRENDA | P.E. No.: 77050
 3363 W. COMMERCIAL BLVD. STE. 115 | FT. LAUDERDALE, FL 33309
 P: 954.870.5070 | C.A. No. 6104

DESIGNED BY	NAME	DATE	DRAWN BY	NAME	DATE
CHECKED BY	A.F.		CHECKED BY	A.F.	
SUPERVISED BY:					

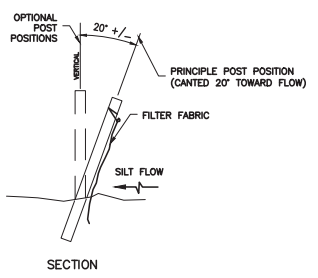
MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS HIGHWAY DIVISION
 STEPHEN F. CLARK, CHIEF
 101 NW P.E.
 MIAMI, FLORIDA 33128

INLET PROTECTION SYSTEMS
 DETAIL

K:\DESIGN\2020\16.000_LDP_MTD2020119\CAD\2020-12-18-18- Old Cutler Roundabout\SW 184 ST\DWG\DWG-11-PROTM-SYSTEM-DTL.dwg Nov 04, 2021 - 5:05pm J.FERRER

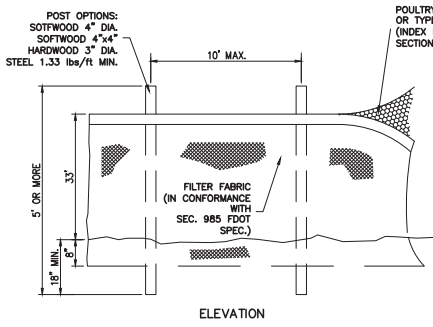


ELEVATION

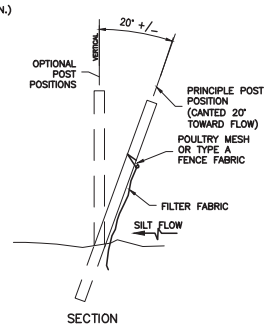


SECTION

TYPE III SILT FENCE (TYP.)

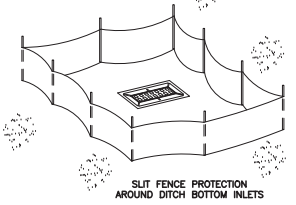
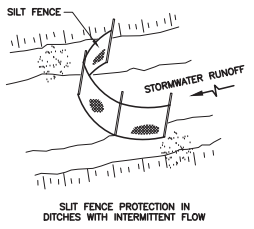
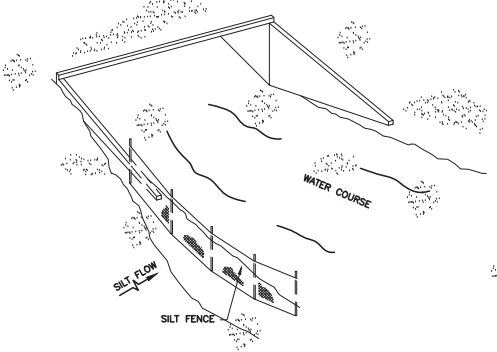


ELEVATION

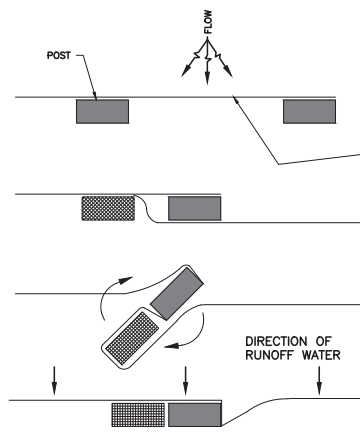


SECTION

TYPE IV SILT FENCE (TYP.)



SILT FENCE APPLICATIONS (TYP.)



PLACE THE END POST OF ONE FENCE BEHIND THE END POST OF THE OTHER FENCE AS SHOWN.

ROTATE BOTH POSTS AT LEAST 180 DEGREES IN A CLOCKWISE DIRECTION TO CREATE A TIGHT SEAL WITH THE FABRIC MATERIAL.

DRIVE BOTH POSTS INTO THE GROUND AND BURY FLAP

JOINING TWO SILT FENCES (TYP.)

NOTES FOR SILT FENCES:

- 1- TYPE III SILT FENCE TO BE USED AT MOST LOCATIONS. WHERE USED IN DITCHES, THE SPACING FOR TYPE III SILT FENCE SHALL BE IN ACCORDANCE WITH CHART 1, SHEET 1 OF 2010 FDOT DESIGN STANDARDS INDEX 102.
- 2- TYPE IV SILT FENCE TO BE USED WHERE LARGE SEDIMENT LOADS ARE ANTICIPATED. SUGGESTED USE IS WHERE FILL SLOPE IS 1:2 OR STEEPER AND LENGTH OF SLOPE EXCEEDS 25 FEET. AVOID USE WHERE THE DETAINED WATER MAY BACK INTO TRAVEL LANES OR OFF THE RIGHT OF WAY.
- 3- DO NOT CONSTRUCT SILT FENCES ACROSS PERMANENT FLOWING WATERCOURSES. SILT FENCES ARE TO BE AT UPLAND LOCATIONS AND TURBIDITY BARRIERS USED AT PERMANENT BODIES OF WATER.
- 4- WHERE USED AS SLOPE PROTECTION, SILT FENCE IS TO BE CONSTRUCTED ON 0% LONGITUDINAL GRADE TO AVOID CHANNELIZING RUNOFF ALONG THE LENGTH OF THE FENCE.

SEDIMENT BARRIERS (TYP.)
 OR APPROVED ALTERNATIVE

SEDIMENT BARRIERS
 DETAIL

K:\DESIGN\2020\16.000_EDP_MJ20200119\0400\2020-12-18-18- Old Cutler Roundabout\SW 184 ST\WORK\SEDIMENT BARR--DET.dwg Nov 04, 2021 - 5:55pm JFERRE

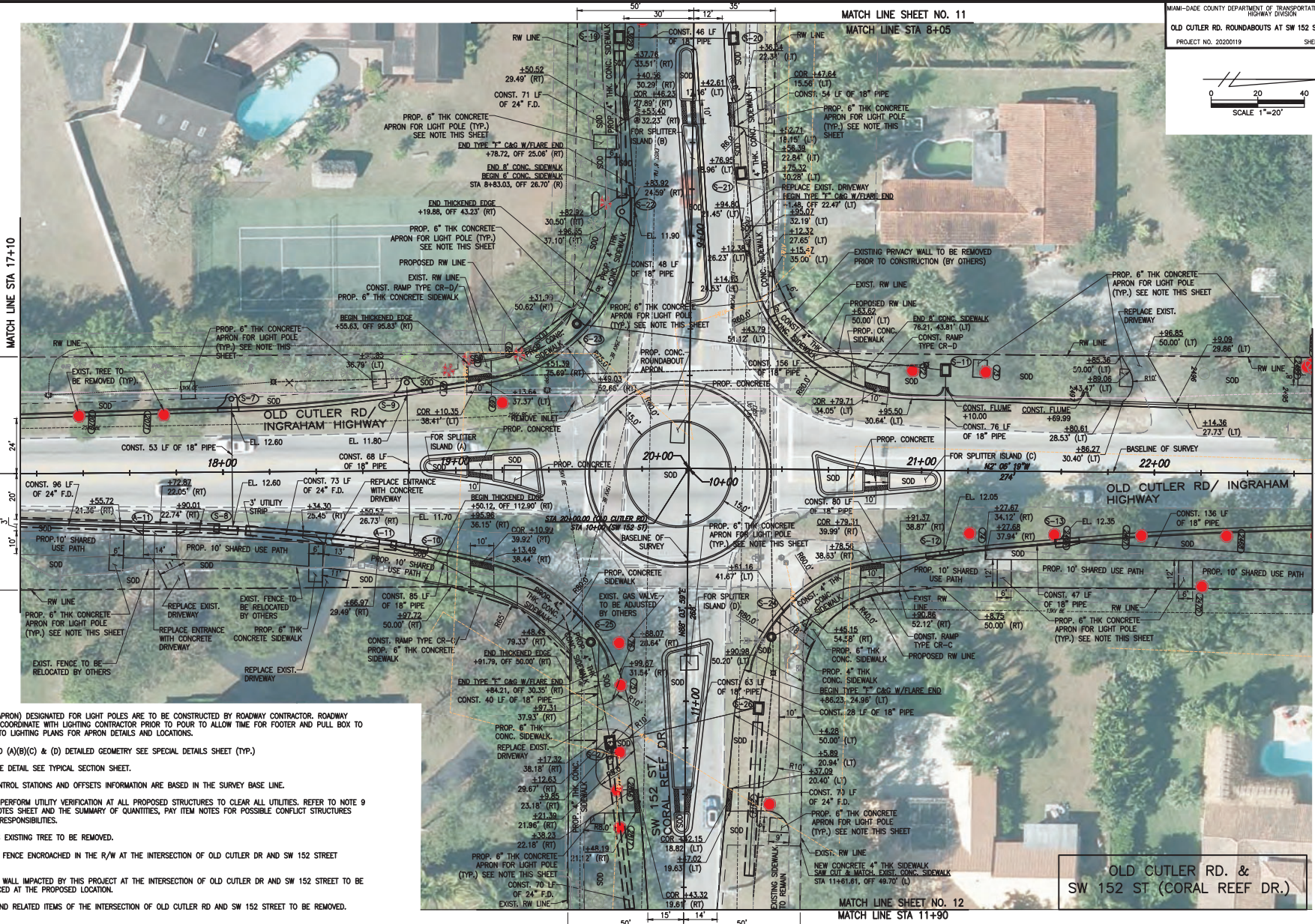
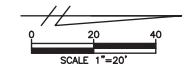
REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

MARLIN
 ENGINEERING
 ANICEL ABRI FREDIA | P.E. No.: 77550
 3363 W. COMMERCIAL, Bldg. 115 | FT. LAUDERDALE, FL 33309
 P: 954.870.5070 | C.A. No. 6104

NAME	DATE	NAME	DATE
DESIGNED R.L.		DRAWN BY M.P.	
CHECKED BY A.F.		CHECKED BY A.F.	
SUPERVISED BY:			

MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
 HIGHWAY DIVISION
 STEPHEN F. CLARK, CHIEF
 101 N.W. 17th St.
 MIAMI, FLORIDA 33128

SEDIMENT BARRIERS DETAIL



- NOTES:**
- ALL CONCRETE (6" APRON) DESIGNATED FOR LIGHT POLES ARE TO BE CONSTRUCTED BY ROADWAY CONTRACTOR. ROADWAY CONTRACTOR SHALL COORDINATE WITH LIGHTING CONTRACTOR PRIOR TO POUR TO ALLOW TIME FOR FOOTER AND PULL BOX TO BE PLACED. REFER TO LIGHTING PLANS FOR APRON DETAILS AND LOCATIONS.
 - FOR SPLITTER ISLAND (A)(B)(C) & (D) DETAILED GEOMETRY SEE SPECIAL DETAILS SHEET (TYP.)
 - FOR THICKENED EDGE DETAIL SEE TYPICAL SECTION SHEET.
 - ALL HORIZONTAL CONTROL STATIONS AND OFFSETS INFORMATION ARE BASED IN THE SURVEY BASE LINE.
 - CONTRACTOR SHALL PERFORM UTILITY VERIFICATION AT ALL PROPOSED STRUCTURES TO CLEAR ALL UTILITIES. REFER TO NOTE 9 ON THE GENERAL NOTES SHEET AND THE SUMMARY OF QUANTITIES, PAY ITEM NOTES FOR POSSIBLE CONFLICT STRUCTURES AND CONTRACTOR'S RESPONSIBILITIES.
 - XXX DENOTES EXISTING TREE TO BE REMOVED.
 - PORTION OF EXISTING FENCE ENCRoACHED IN THE R/W AT THE INTERSECTION OF OLD CUTLER RD AND SW 152 STREET TO BE REMOVED.
 - PORTION OF EXISTING WALL IMPACTED BY THIS PROJECT AT THE INTERSECTION OF OLD CUTLER DR AND SW 152 STREET TO BE REMOVED AND REPLACED AT THE PROPOSED LOCATION.
 - ALL TRAFFIC POLES AND RELATED ITEMS OF THE INTERSECTION OF OLD CUTLER RD AND SW 152 STREET TO BE REMOVED.

OLD CUTLER RD. &
SW 152 ST (CORAL REEF DR.)

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

MARLIN
ENGINEERING
ANGEL ABRA PREDA | P.E. No.: 77950
3363 W. COMMERCIAL BLVD, SUITE 113 | FT. LAUDERDALE, FL 33309
P: 954.870.5070 | C.A. No. 6104

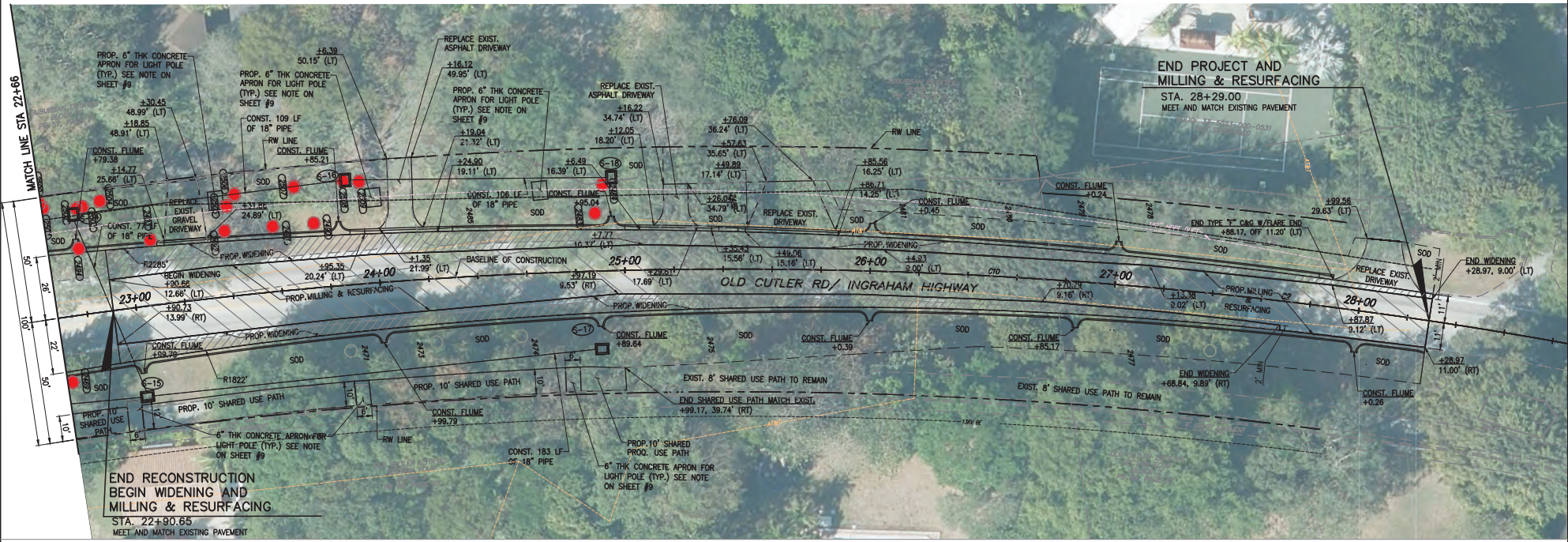
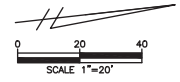
DESIGNED BY	NAME	DATE	DRAWN BY	NAME	DATE
CHECKED BY	A.F.		DRAWN BY	A.F.	

SUPERVISED BY:

MIAMI-DADE COUNTY
DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION
SHERIFF P. CLARK CENTER
MIAMI, FLORIDA 33138

ROADWAY PLAN

K:\DESIGN\2020\0119_0000_EDP_0720200119_0000\2020-12-16-16-Old Cutler Roundabouts\SW 152 ST\W\04-Plum-SHEET.dwg Nov 04, 2021 - 5:06pm JFERNER



- NOTES:**
- 1- ALL HORIZONTAL CONTROL STATIONS AND OFFSETS INFORMATION ARE BASED IN THE SURVEY BASE LINE.
 - 2- DENOTES EXISTING TREE TO BE REMOVED

CURVE DATA							
CURVE	RADIUS (FT)	LENGHT (FT)	DEGREE OF CURVATURE	PC	PT	DELTA (°)	CHORD LENGHT (FT)
C2	1910	754	2° 59' 59"	22+73.64	30+27.39	22° 36' 36"	749

**OLD CUTLER RD. &
SW 152 ST (CORAL REEF DR.)**

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

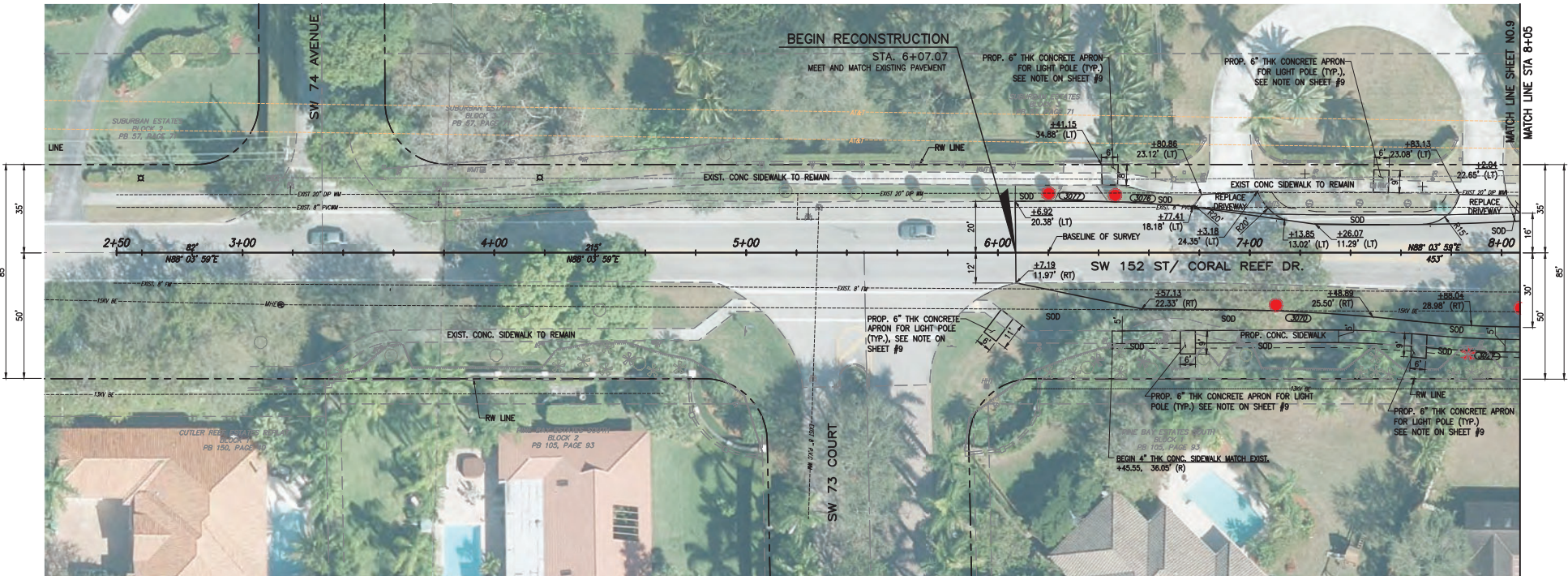
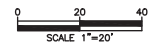
MARLIN
ENGINEERING
ANGEL ABRIL PREDI | P.E. No.: 77550
3363 N. COMMERCIAL BLVD. SUITE 113 FT. LAUDERDALE, FL 33309
P: 954.870.5070 | C.A. No. 6104

DESIGNED BY	DATE	NAME	DATE	NAME

MIAMI-DADE COUNTY
DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION
STEPHEN P. CLARK, CENTER
1800 N.W. 25th St.
MIAMI, FLORIDA 33128

ROADWAY PLAN

K:\DESIGN\2020\01\000_EBP_1920200119\0001\2020-12-16-04_Cutler_Roundabouts\301_152_SW152\04-P101-SHEET.dwg Nov 04, 2021 - 5:06pm JFERRE



- NOTES:**
- 1- ALL HORIZONTAL CONTROL STATIONS AND OFFSETS INFORMATION ARE BASED IN THE SURVEY BASE LINE.
 - 2- ● XXX DENOTES EXISTING TREE TO BE REMOVED

**OLD CUTLER RD. &
SW 152 ST (CORAL REEF DR.)**

K:\DESIGN\20220119\0001\0001_EBP_1920200119\0001\2020-12-16-16-Old Cutler Roundabout\SW 152 ST\SW 152 St - PLAN - SHEET.dwg Nov 04, 2021 - 5:56pm JFERNER

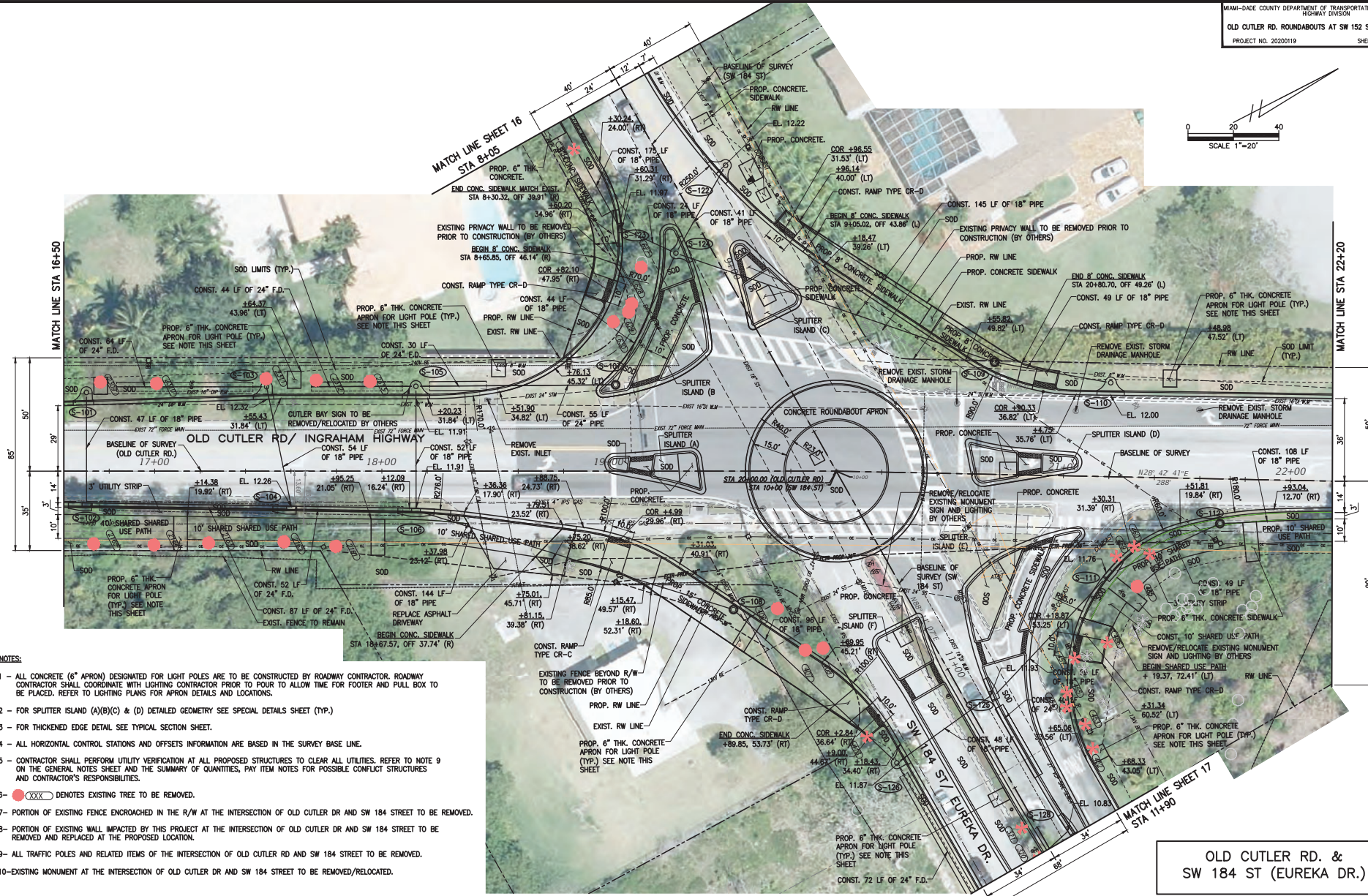
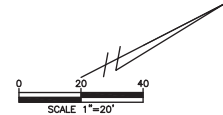
REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

MARLIN
ENGINEERING
ANGEL ABRIL PREDI | P.E. No.: 77550
3363 W. COMMERCIAL BLVD. SUITE 113 FT. LAUDERDALE, FL 33309
P: 954.870.5070 | C.A. No. 6104

DESIGNED BY	NAME	DATE	DRAWN BY	NAME	DATE

MIAMI-DADE COUNTY
DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION
SHERIDAN P. CLARK, CHIEF ENGINEER
100 N.W. 15th St.
MIAMI, FLORIDA 33138

ROADWAY PLAN



- NOTES:**
- 1 - ALL CONCRETE (6" APRON) DESIGNATED FOR LIGHT POLES ARE TO BE CONSTRUCTED BY ROADWAY CONTRACTOR. ROADWAY CONTRACTOR SHALL COORDINATE WITH LIGHTING CONTRACTOR PRIOR TO POUR TO ALLOW TIME FOR FOOTER AND PULL BOX TO BE PLACED. REFER TO LIGHTING PLANS FOR APRON DETAILS AND LOCATIONS.
 - 2 - FOR SPLITTER ISLAND (A)(B)(C) & (D) DETAILED GEOMETRY SEE SPECIAL DETAILS SHEET (TYP.)
 - 3 - FOR THICKENED EDGE DETAIL SEE TYPICAL SECTION SHEET.
 - 4 - ALL HORIZONTAL CONTROL STATIONS AND OFFSETS INFORMATION ARE BASED IN THE SURVEY BASE LINE.
 - 5 - CONTRACTOR SHALL PERFORM UTILITY VERIFICATION AT ALL PROPOSED STRUCTURES TO CLEAR ALL UTILITIES. REFER TO NOTE 9 ON THE GENERAL NOTES SHEET AND THE SUMMARY OF QUANTITIES, PAY ITEM NOTES FOR POSSIBLE CONFLICT STRUCTURES AND CONTRACTOR'S RESPONSIBILITIES.
 - 6 - (XXX) DENOTES EXISTING TREE TO BE REMOVED.
 - 7 - PORTION OF EXISTING FENCE ENCLOSED IN THE R/W AT THE INTERSECTION OF OLD CUTLER DR AND SW 184 STREET TO BE REMOVED.
 - 8 - PORTION OF EXISTING WALL IMPACTED BY THIS PROJECT AT THE INTERSECTION OF OLD CUTLER DR AND SW 184 STREET TO BE REMOVED AND REPLACED AT THE PROPOSED LOCATION.
 - 9 - ALL TRAFFIC POLES AND RELATED ITEMS OF THE INTERSECTION OF OLD CUTLER RD AND SW 184 STREET TO BE REMOVED.
 - 10 - EXISTING MONUMENT AT THE INTERSECTION OF OLD CUTLER DR AND SW 184 STREET TO BE REMOVED/RELOCATED.

OLD CUTLER RD. &
SW 184 ST (EUREKA DR.)

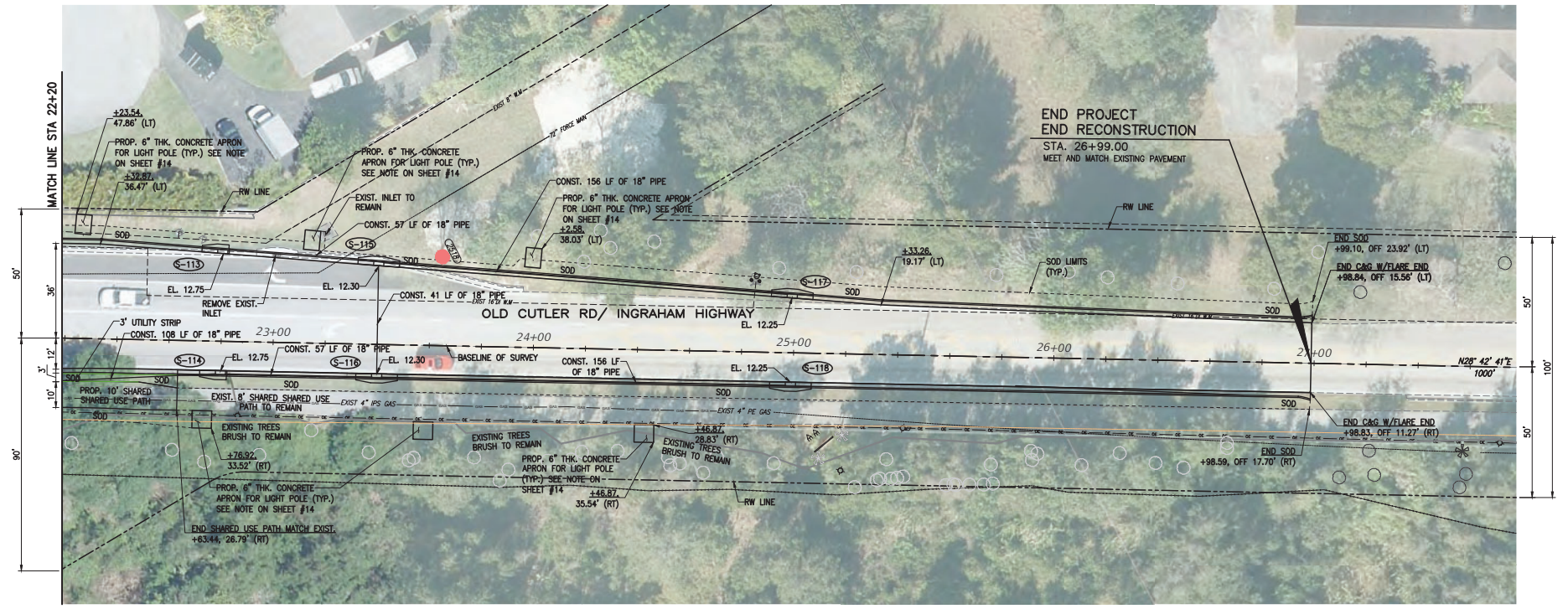
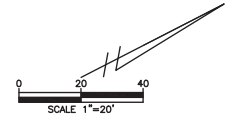
REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

MARLIN
ENGINEERING
ANGEL ABRIL FREDA | P.E. No.: 77550
3363 W. COMMERCIAL BLVD. SUITE 113 | FT. LAUDERDALE, FL 33309
P: 954.870.5070 | C.A. No. 6104

DESIGNED BY	NAME	DATE	DRAWN BY	NAME	DATE

DEPARTMENT OF TRANSPORTATION
AND PUBLIC WORKS
HIGHWAY DIVISION
MIAMI-DADE COUNTY
STEPHEN P. CLARK, CHIEF ENGINEER
MIAMI, FLORIDA 33138

ROADWAY PLAN



NOTES:
 1- ALL HORIZONTAL CONTROL STATIONS AND OFFSETS INFORMATION ARE BASED IN THE SURVEY BASE LINE.
 2- DENOTES EXISTING TREE TO BE REMOVED

OLD CUTLER RD. &
SW 184 ST (EUREKA DR.)

K:\DESIGN\20220119\0000_LDP_072020119\0001\2020-12-16-04_Cutler Roundabout\1584_SW 184 St\PLAN-SHEET.dwg Nov 04, 2021 - 5:57pm JFERNER

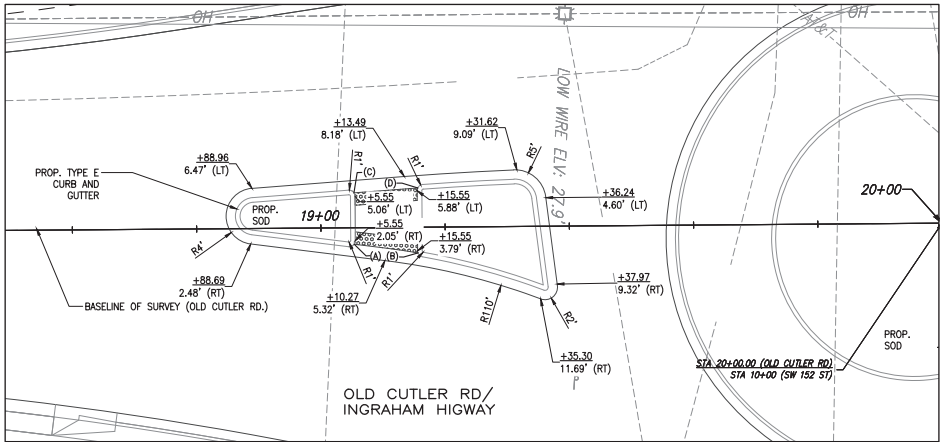
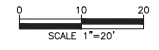
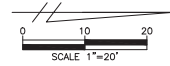
REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

MARLIN
ENGINEERING
 ANGEL ABRIN FREDA | P.E. No.: 77550
 3363 N. COMMERCIAL BLVD. SUITE 115 | FT. LAUDERDALE, FL 33309
 P: 954.870.5070 | C.A. No. 6104

DESIGNED BY	NAME	DATE	DRAWN BY	NAME	DATE

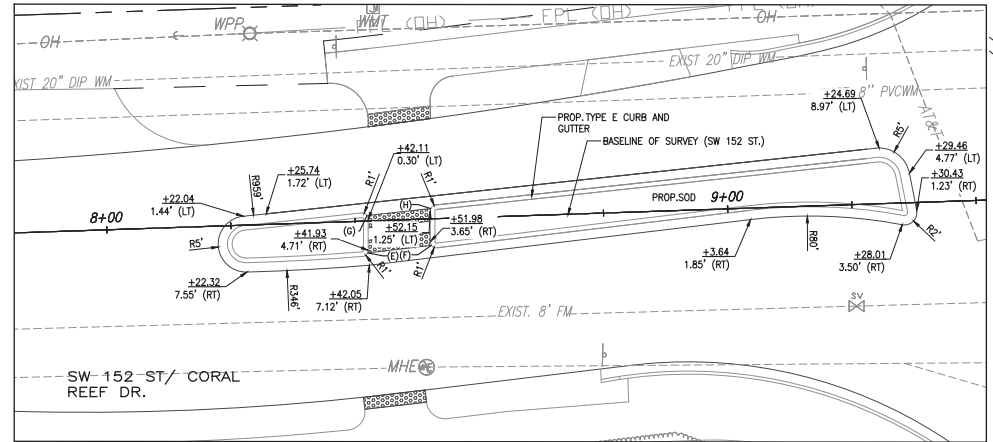
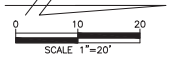
MIAMI-DADE COUNTY
 DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
 HIGHWAY DIVISION
 STEPHEN P. CLARK CENTER
 100 N.W. 1ST ST.
 MIAMI, FLORIDA 33138

ROADWAY PLAN



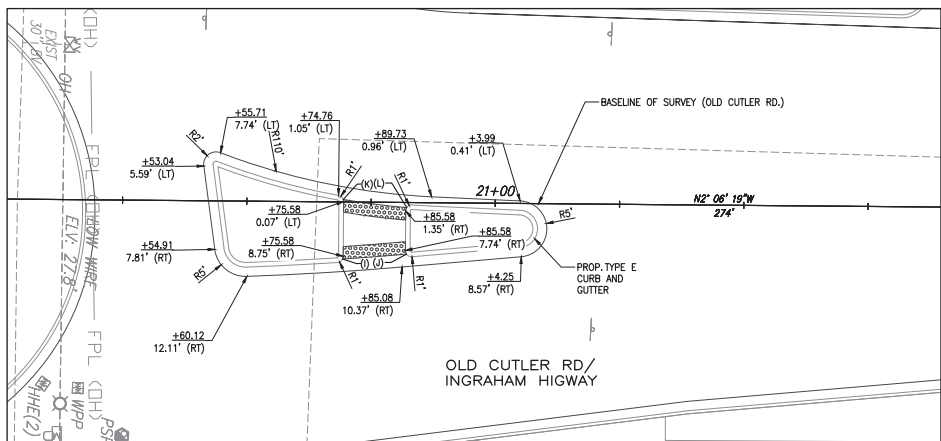
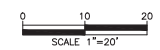
SOUTH (A)

- LEGEND:
 (A) BEGIN TYPE B CURB +5.34, 2.65' (RT)
 (B) BEGIN TYPE B CURB +15.60, 4.13' (RT)
 (C) END TYPE B CURB +5.37, 5.61' (LT)
 (D) END TYPE B CURB +15.65, 6.33' (LT)



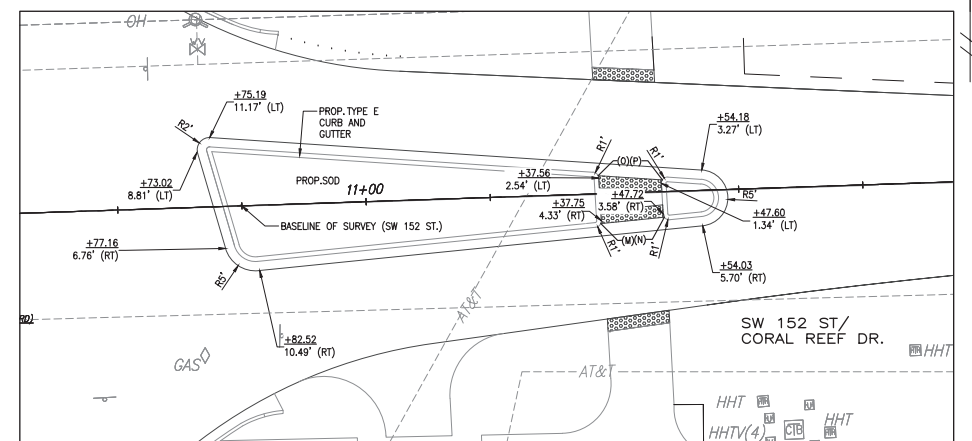
WEST (B)

- LEGEND:
 (E) BEGIN TYPE B CURB +41.82, 5.14' (RT)
 (F) BEGIN TYPE B CURB +52.15, 4.25' (RT)
 (G) END TYPE B CURB +41.94, 0.90' (LT)
 (H) END TYPE B CURB +52.25, 1.65' (LT)



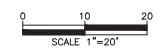
NORTH (C)

- LEGEND:
 (I) BEGIN TYPE B CURB +75.48, 9.18' (RT)
 (J) BEGIN TYPE B CURB +85+76, 8.30' (RT)
 (K) END TYPE B CURB +75.52, 0.40' (LT)
 (L) END TYPE B CURB +85.75, 0.82' (LT)



EAST (D)

- LEGEND:
 (M) BEGIN TYPE B CURB +37.65, 4.73' (RT)
 (N) BEGIN TYPE B CURB +47.90, 4.05' (RT)
 (O) END TYPE B CURB +37.47, 2.99' (LT)
 (P) END TYPE B CURB +47.79, 1.96' (LT)



**OLD CUTLER RD. &
SW 152 ST (CORAL REEF DR.)**

K:\DESIGN\20220119\000_EBP_192200119\000\2020-12-16-16-Old Cutler Roundabout\SW 152 ST\W\18-P\PLAN_SHEET.dwg Nov 04, 2021 - 5:08pm JFRISER

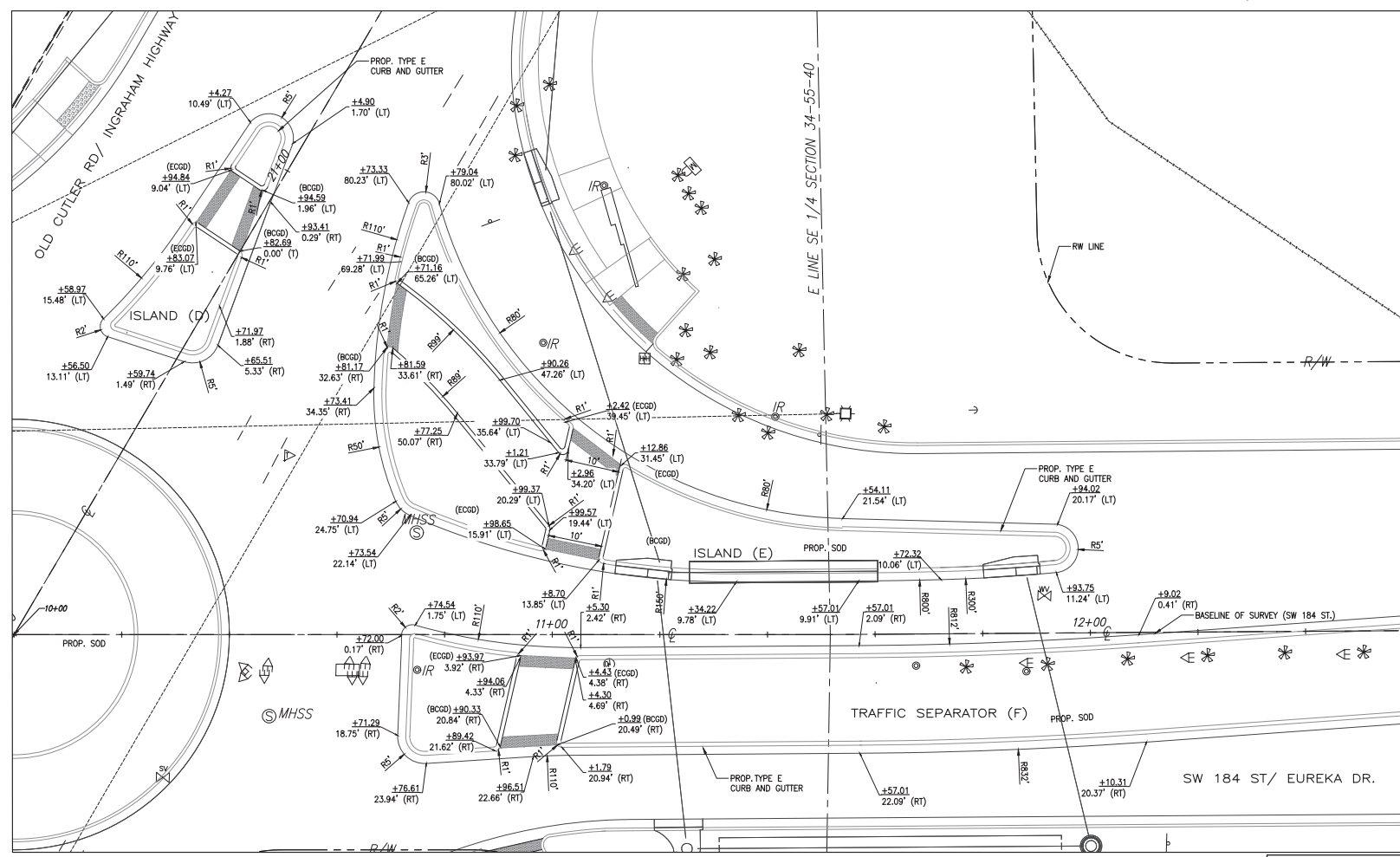
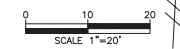
REVISIONS			
DATE	BY	DESCRIPTION	

MARLIN
ENGINEERING
 ANGEL ABRIL FREDA | P.E. No.: 77550
 3363 N. COMMERCIAL BLVD. SUITE 113 | FT. LAUDERDALE, FL 33309
 P: 954.870.5070 | C.A. No. 6104

DESIGNED BY	NAME	DATE	DRAWN BY	NAME	DATE

MIAMI-DADE COUNTY
 DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
 HIGHWAY DIVISION
 STEPHEN P. CLARK CENTER
 100 N.W. 1ST ST.
 MIAMI, FLORIDA 33138

SPECIAL DETAILS



NORTH (D), (E) & (F)

OLD CUTLER RD. &
SW 184 ST (EUREKA DR.)

K:\DESIGN\20220119\000_EBP_192020119\000\2020-12-16 - Old Cutler Roundabouts\SW 184 ST\W013-PLAN_SHEET.dwg Nov 04, 2021 - 5:08pm JFRBER

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

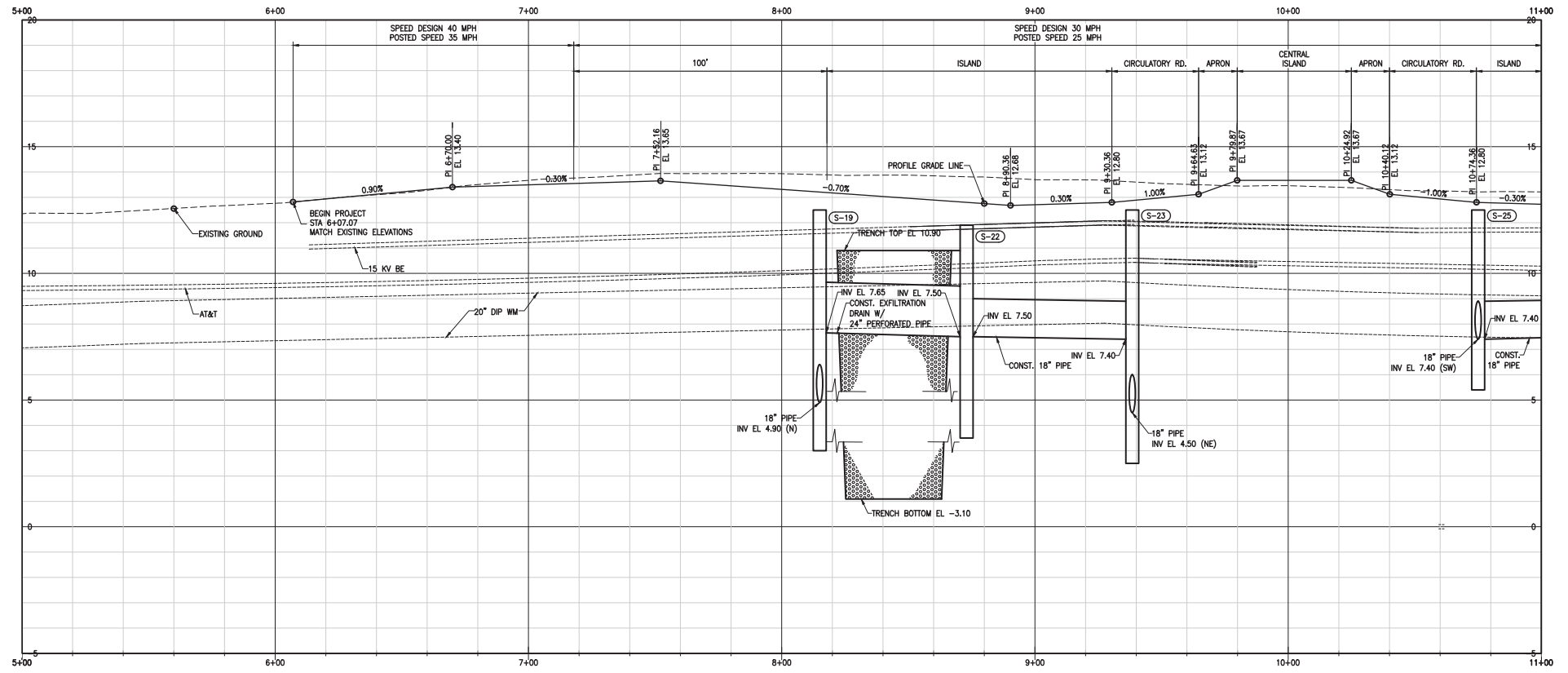
MARLIN
ENGINEERING
ANGEL ABRIL PREDI | P.E. No.: 77550
3363 W. COMMERCIAL BLVD. Ste. 113 FT. LAUDERDALE, FL 33309
P: 954.870.5070 | C.A. No. 6104

NAME	DATE	NAME	DATE
DESIGNED BY: R.L.		DRAWN BY: M.P.	
CHECKED BY: A.F.		CHECKED BY: A.F.	
SUPERVISED BY:			

MIAMI-DADE COUNTY
DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION
STEPHEN P. CLARK, DIVISION MANAGER
1500 N.W. 25th St.
MIAMI, FLORIDA 33128

SPECIAL DETAILS

SW 152 ST (CORAL REEF DR.)
 HORIZONTAL SCALE 1:20
 VERTICAL SCALE 1:2



OLD CUTLER RD. &
 SW 152 ST (CORAL REEF DR.)

ROADWAY PROFILE

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

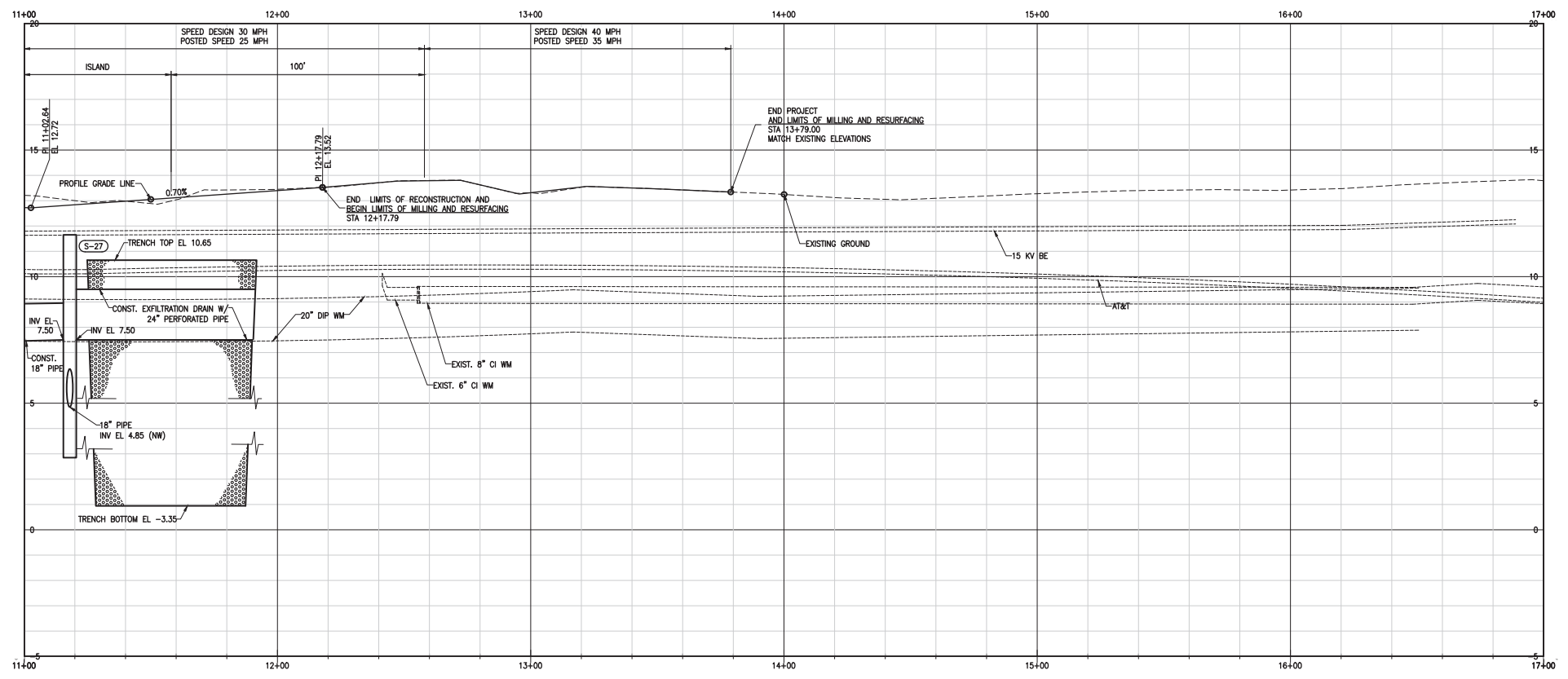
MARLIN
 ENGINEERING
 ANGEL ABRIN FREDA | P.E. No.: 77550
 3363 W. COMMERCIAL Blvd. Ste. 113 | Ft. Lauderdale, FL 33309
 P: 954.870.5070 | C.A. No. 6104

DESIGNED BY	NAME	DATE	DRAWN BY	NAME	DATE

MIAMI-DADE COUNTY
 DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
 HIGHWAY DIVISION
 SOPHIE S. CLAY CENTER
 100 NW 1st St.
 MIAMI, FLORIDA 33138

K:\25293A\20220119\000_LDP_072020119\000\2020-12-16-04_Cutler Roundabouts\SW 152 ST\DWG\PROFILE.dwg Nov 04, 2021 - 5:08pm JFERBER

SW 152 ST (CORAL REEF DR.)
 HORIZONTAL SCALE 1:20
 VERTICAL SCALE 1:2



K:\DESIGN\20220119\000_EBP_17022021\1\0001\2020-12-16 - Old Cutler Roundabout\SW 152 ST\WWD\PROFILE.dwg Nov 04, 2021 - 5:10pm JFERBER

OLD CUTLER RD. &
 SW 152 ST (CORAL REEF DR.)

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

MARLIN
 ENGINEERING
 ANSEL ABRIN FREDA | P.E. No.: 77550
 3363 W. COMMERCIAL BLVD. SUITE 113 | FT. LAUDERDALE, FL 33309
 P: 954.870.5070 | C.A. No. 6104

DESIGNED BY	NAME	DATE	DRAWN BY	NAME	DATE
	R.L.			M.P.	
CHECKED BY	A.F.		CHECKED BY	A.F.	

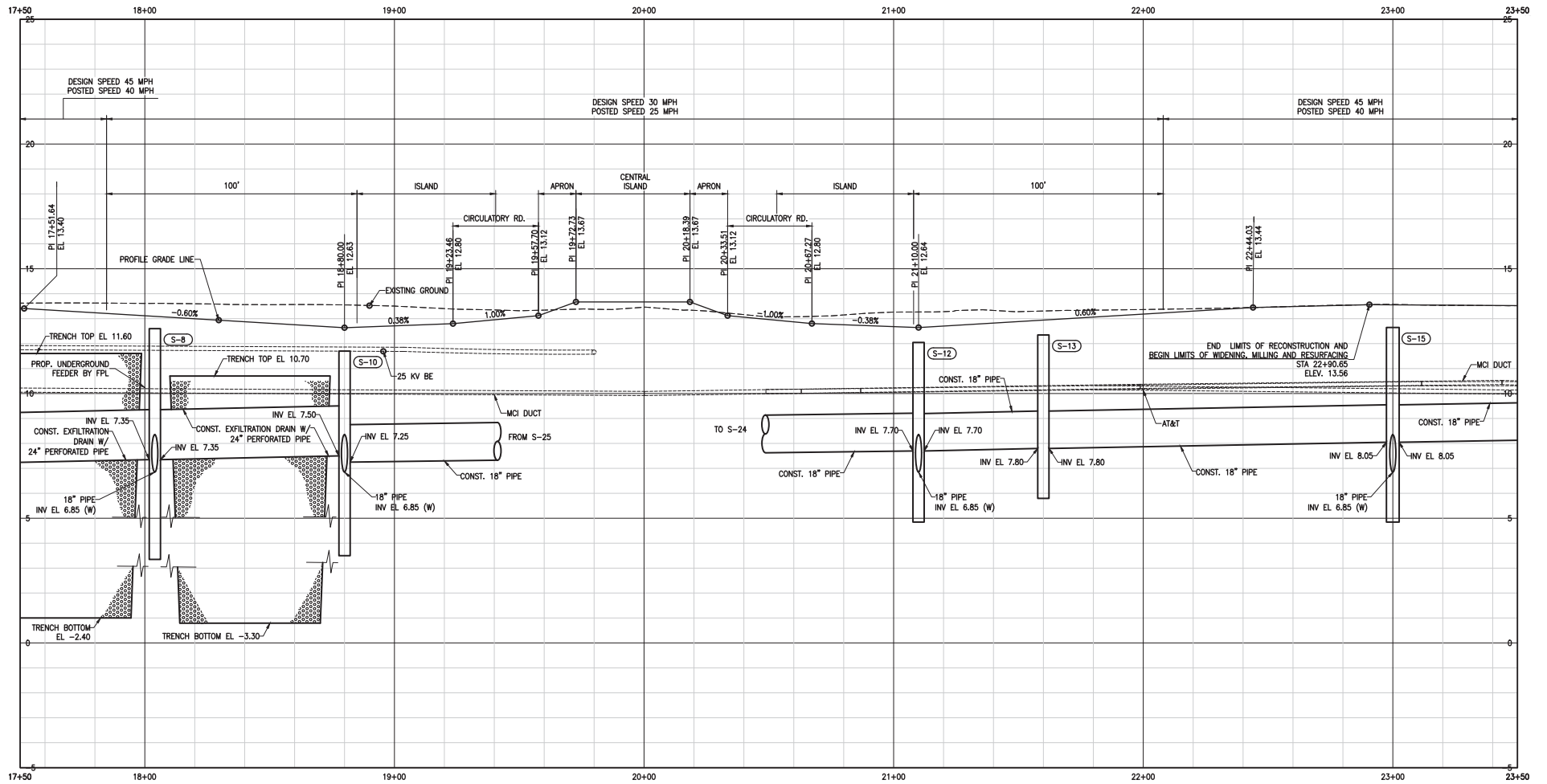
SUPERVISED BY:

MIAMI-DADE COUNTY
 DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
 HIGHWAY DIVISION
 STEPHEN P. CLARK CENTER
 100 NW 1st St.
 MIAMI, FLORIDA 33138

ROADWAY PROFILE

OLD CUTLER RD
 HORIZONTAL SCALE 1:20
 VERTICAL SCALE 1:2

MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
 HIGHWAY DIVISION
 OLD CUTLER RD. ROUNDABOUTS AT SW 152 ST & SW 184 ST
 PROJECT NO. 20220119 SHEET 24 OF 183



K:\2022\20220119\0000_LDP_1920200119\0001\2020-12-16-04 - Old Cutler Roundabout\2020-12-16-04 - Old Cutler Roundabout.dwg Nov 04, 2021 - 5:10pm JFERBER

OLD CUTLER RD. &
 SW 152 ST (CORAL REEF DR.)

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

MARLIN
 ENGINEERING
 ANGEL ABRIN FREDA | P.E. No.: 77550
 3363 W. COMMERCIAL Blvd, Ste. 113 | Ft. Lauderdale, FL 33309
 P: 954.870.5070 | C.A. No. 6104

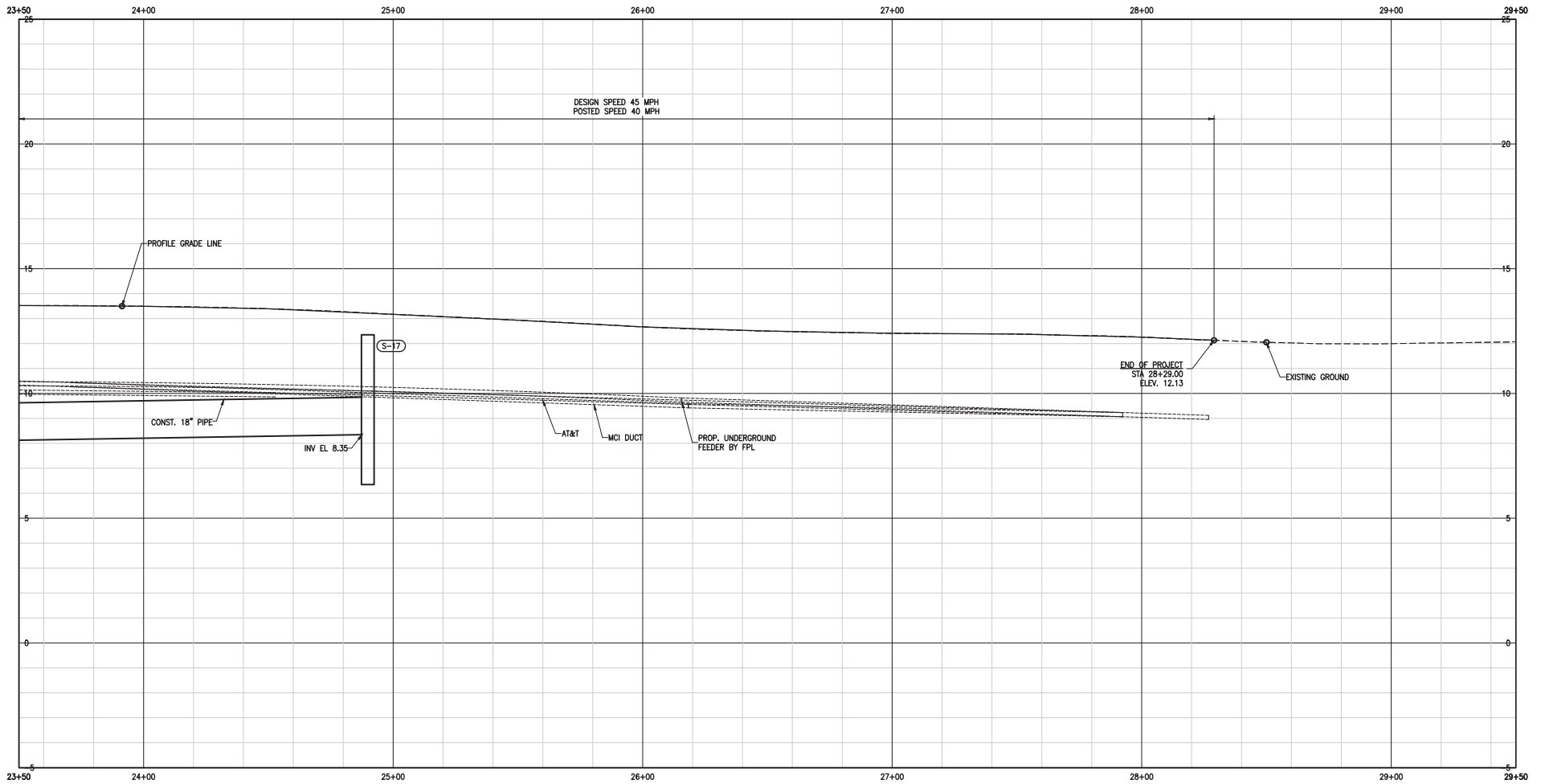
DESIGNED BY	NAME	DATE	DRAWN BY	NAME	DATE

MIAMI-DADE COUNTY
 DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
 HIGHWAY DIVISION
 STEPHEN P. CLARK CENTER
 100 NW 1st St.
 MIAMI, FLORIDA 33138

ROADWAY PROFILE

OLD CUTLER RD
 HORIZONTAL SCALE 1:20
 VERTICAL SCALE 1:2

MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
 HIGHWAY DIVISION
 OLD CUTLER RD. ROUNDABOUTS AT SW 152 ST & SW 184 ST
 PROJECT NO. 20220119 SHEET 25 OF 183



OLD CUTLER RD. &
 SW 152 ST (CORAL REEF DR.)

ROADWAY PROFILE

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

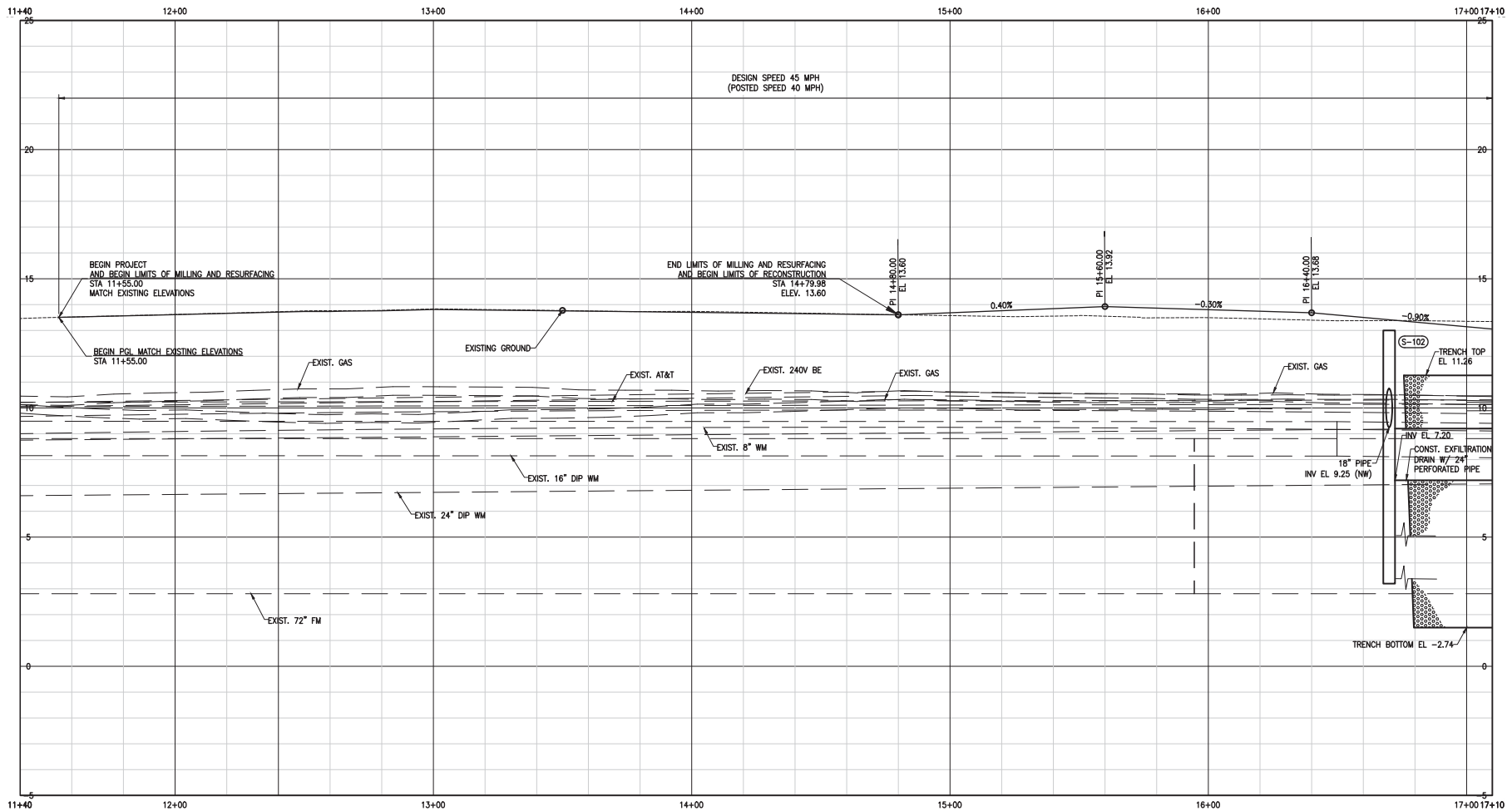
MARLIN
 ENGINEERING
 ANGEL ABRIN FREDA | P.E. No.: 77550
 3363 W. COMMERCIAL Blvd. Ste. 113 | Ft. Lauderdale, FL 33309
 P: 954.870.5070 | C.A. No. 6104

DESIGNED BY	NAME	DATE	DRAWN BY	NAME	DATE
CHECKED BY	A.F.		CHECKED BY	A.F.	

MIAMI-DADE COUNTY
 DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
 HIGHWAY DIVISION
 STEPHEN P. CLARK CENTER
 100 NW 1st
 MIAMI, FLORIDA 33138

K:\2022\20220119\2022\2022-12-16-Old Cutler Roundabouts\2022-12-16\2022\PROFILE.dwg Nov 04, 2021 - 5:10pm JFERBER

OLD CUTLER RD
HORIZONTAL SCALE 1:20
VERTICAL SCALE 1:2



**OLD CUTLER RD. &
SW 184 ST (EUREKA DR.)**

K:\2020\20200119\20200119\20200119\2020-12-16-04-Cutler Roundabouts\304-184-Old Cutler Roundabout.dwg Nov 04, 2021 - 5:17pm JFERBER

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

MARLIN
ENGINEERING
ARIEL ABIN FREDA | P.E. No.: 77550
3363 W. COMMERCIAL Blvd. Ste. 113 | Ft. Lauderdale, FL 33309
P: 954.870.5070 | C.A. No. 6104

DESIGNED BY	NAME	DATE	DRAWN BY	NAME	DATE
CHECKED BY	A.F.		CHECKED BY	A.F.	

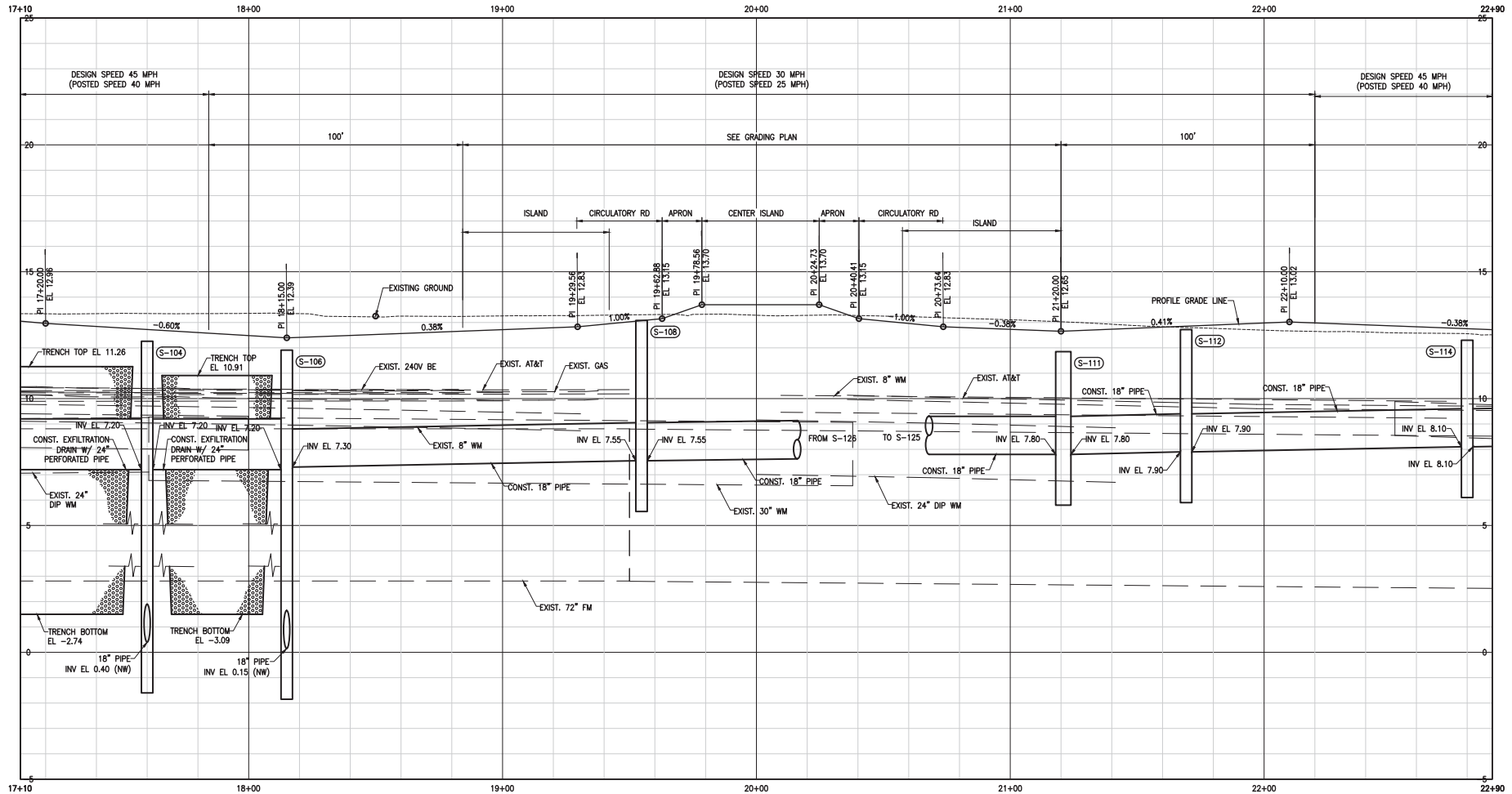
SUPERVISED BY:

MIAMI-DADE COUNTY
DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION
STEPHEN P. CLARK, CENTER
100 NW 1st St.
MIAMI, FLORIDA 33138

ROADWAY PROFILE

OLD CUTLER RD
HORIZONTAL SCALE 1:20
VERTICAL SCALE 1:2

MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION
OLD CUTLER RD. ROUNDABOUTS AT SW 152 ST & SW 184 ST
PROJECT NO. 20220119 SHEET 27 OF 183



OLD CUTLER RD. &
SW 184 ST (EUREKA DR.)

K:\25200119\20220119\2022-12-16-04-Cutler-Roundabouts\304-184-ST\WMO\PROFILE.dwg Nov 04, 2021 - 5:12pm JFERBER

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

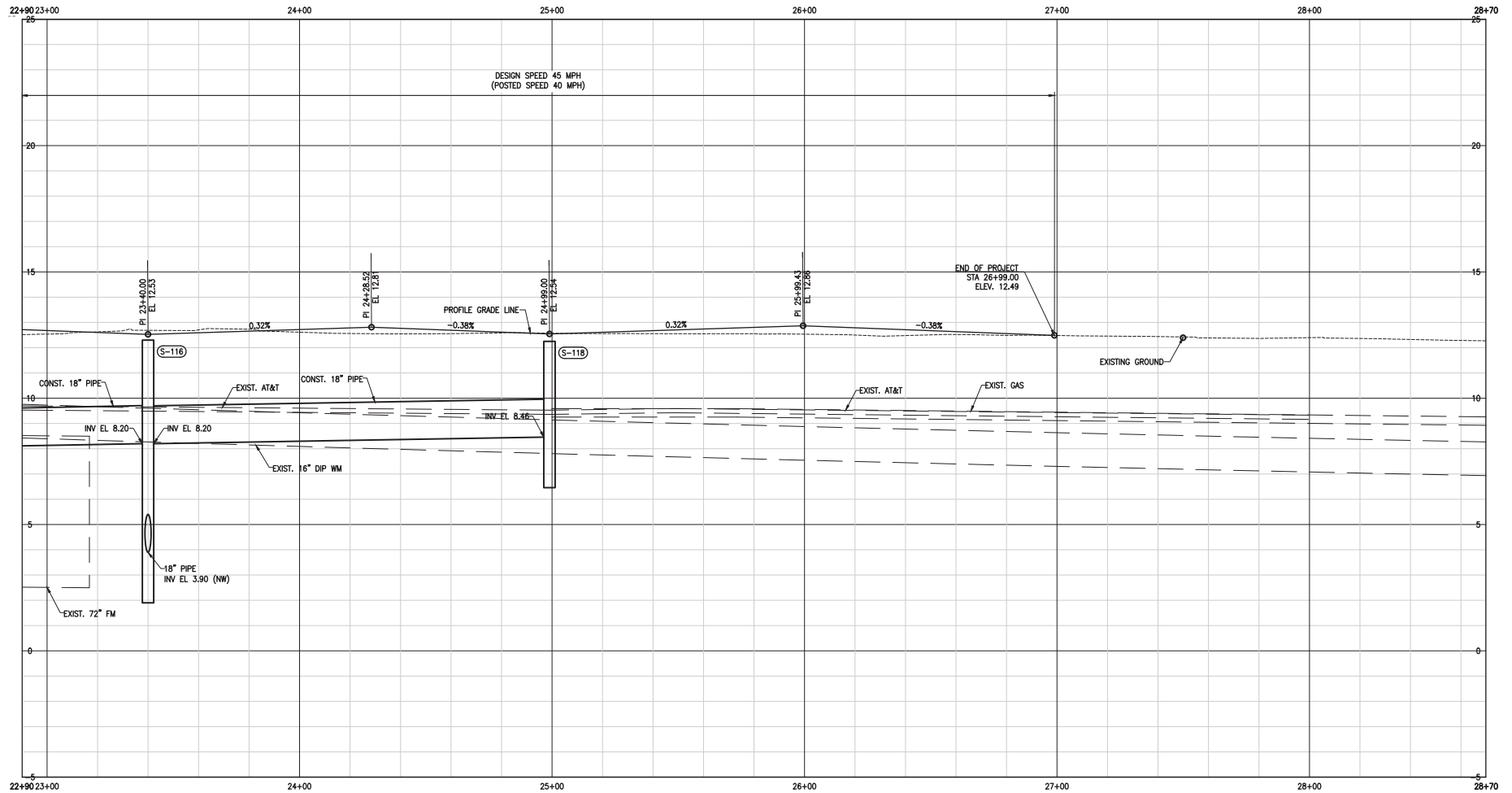
MARLIN
ENGINEERING
ARIEL ABIN FREDA | P.E. No.: 77550
3363 W. COMMERCIAL BLVD. SUITE 115 | FT. LAUDERDALE, FL 33309
P: 954.870.5070 | C.A. No. 6104

DESIGNED BY	NAME	DATE	DRAWN BY	NAME	DATE

MIAMI-DADE COUNTY
DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION
STEPHEN P. CLARK, CENTER
180 SW 11th St
MIAMI, FLORIDA 33138

ROADWAY PROFILE

OLD CUTLER RD
 HORIZONTAL SCALE 1:20
 VERTICAL SCALE 1:2



OLD CUTLER RD. &
 SW 184 ST (EUREKA DR.)

K:\32520A\20200119\000_LDP_070200119\000\2020-12-16-04_Cutler Roundabout\318 184 ST\WV\PROFILE.dwg Nov 04, 2021 - 5:12pm JFERBER

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

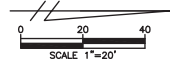
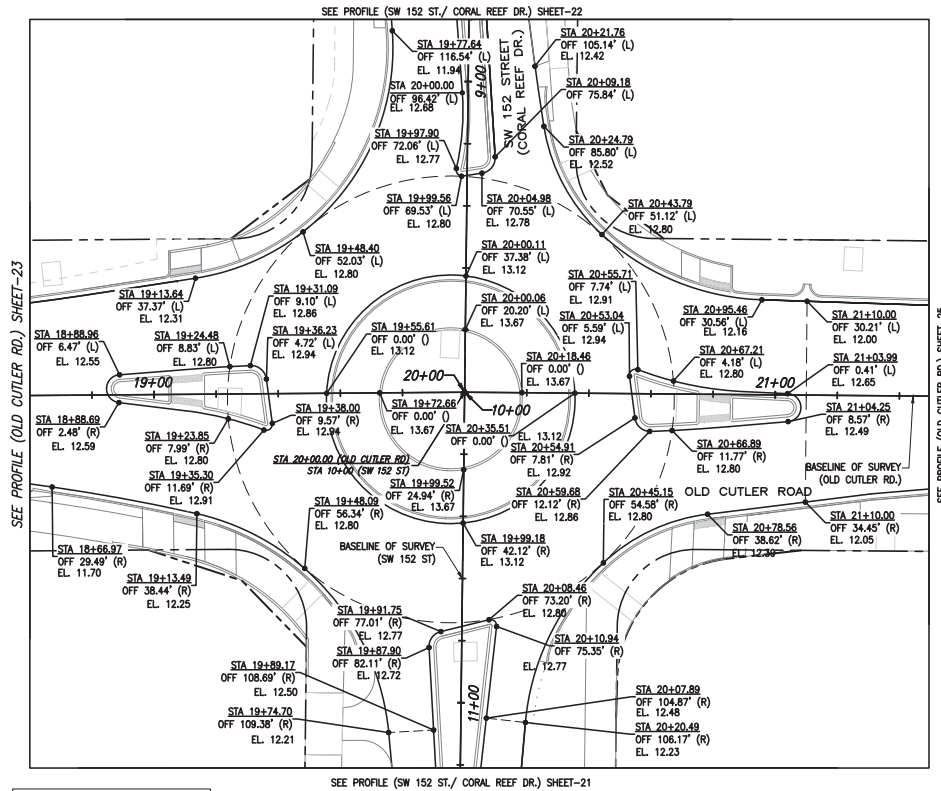
MARLIN
 ENGINEERING
 ANGEL ABRIN FREDA | P.E. No.: 77550
 3363 W. COMMERCIAL BLVD, SUITE 113 | FT. LAUDERDALE, FL 33309
 P: 954.870.5070 | C.A. No. 6104

DESIGNED BY	NAME	DATE	DRAWN BY	NAME	DATE
CHECKED BY	A.F.		CHECKED BY	A.F.	

SUPERVISED BY:

MIAMI-DADE COUNTY
 DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
 HIGHWAY DIVISION
 STEPHEN P. CLARK CENTER
 100 NW 11th St.
 MIAMI, FLORIDA 33138

ROADWAY PROFILE



SEE PROFILE (OLD CUTLER RD.) SHEET-23

SEE PROFILE (OLD CUTLER RD.) SHEET-25

NOTE:
ALL STATION/OFFSETS ARE IN
REFERENCE TO BASE LINE OF
SURVEY (OLD CUTLER RD.).

OLD CUTLER RD. &
SW 152 ST (CORAL REEF DR.)

K:\DESIGN\20200119\02012020-12-16-04-Cutler Roundabouts\31-152 ST\SW152-CORAL REEF DR\PLAN\Grading Nov 04, 2021 - 5:45pm - FERRER

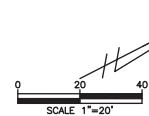
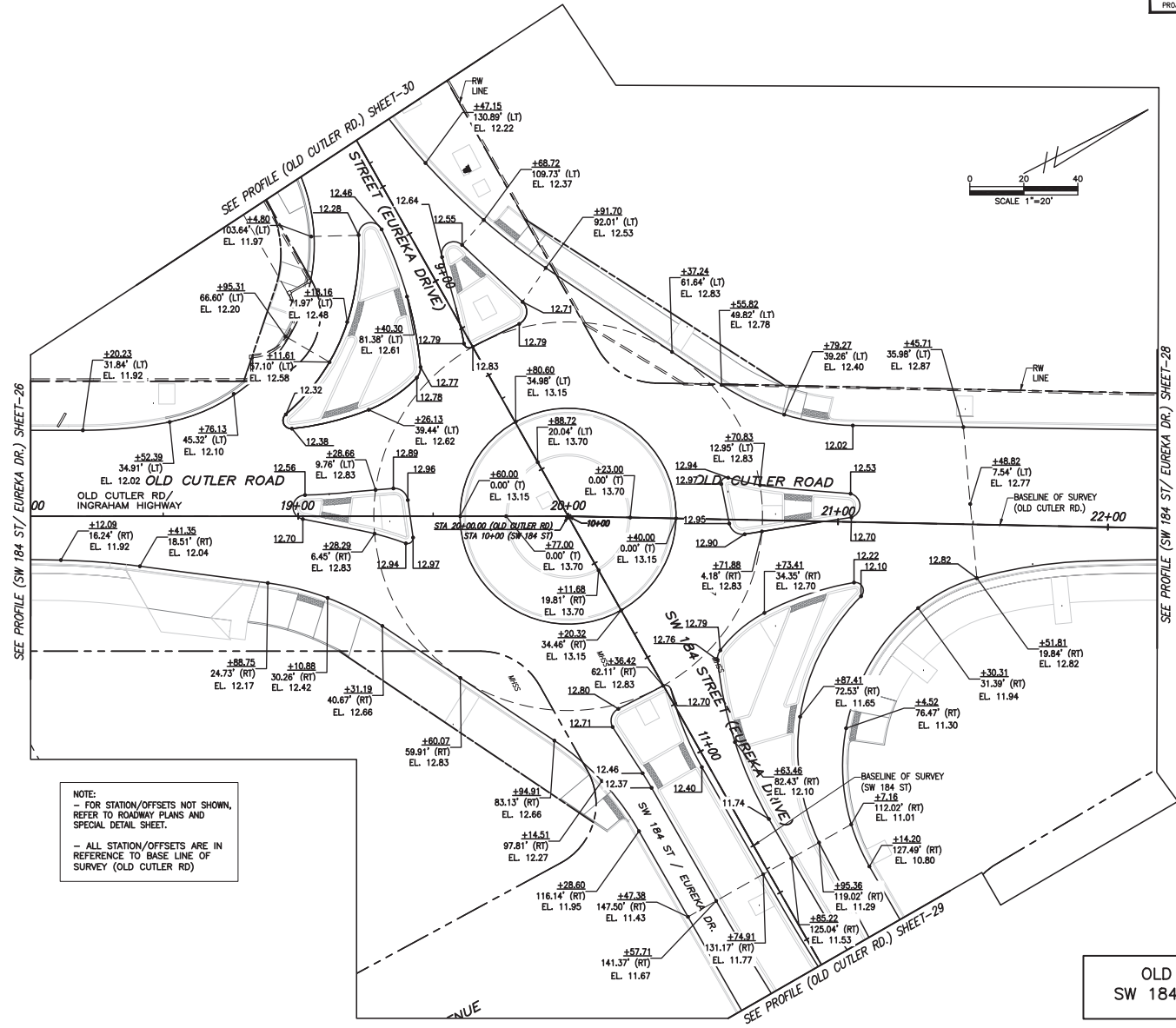
REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

MARLIN
ENGINEERING
ARCEL ABRN PREDI | P.E. No.: 77550
3343 W. COMMERCIAL Blvd, Ste. 113 | Ft. Lauderdale, FL 33309
P: 954.870.5070 | C.A. No. 6104

DESIGNED BY	NAME	DATE	DRAWN	NAME	DATE

MIAMI-DADE COUNTY
DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION
STEPHEN P. CLARK, CENTER
100 N.W. 1ST.
MIAMI, FLORIDA 33138

GRADING PLAN



NOTE:
- FOR STATION/OFFSETS NOT SHOWN,
REFER TO ROWWAY PLANS AND
SPECIAL DETAIL SHEET.
- ALL STATION/OFFSETS ARE IN
REFERENCE TO BASE LINE OF
SURVEY (OLD CUTLER RD)

OLD CUTLER RD. &
SW 184 ST (EUREKA DR.)

K:\DESIGN\20220119\2022-12-16 - Old Cutler Roundabouts\SW 184 ST\DWG\32.dwg (1/24) 11/16/2022 10:54:58 AM

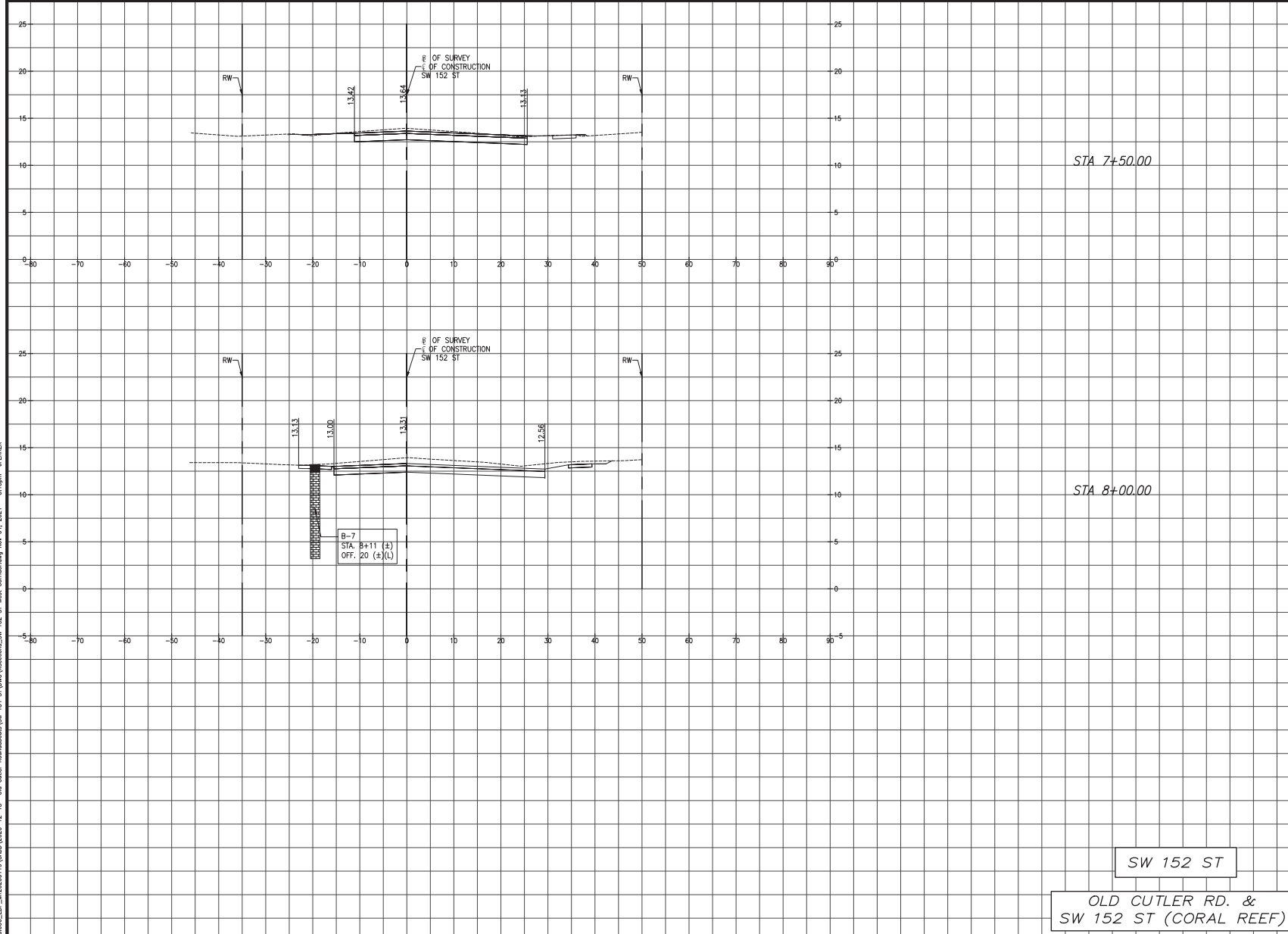
REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

MARLIN
ENGINEERING
ANGEL ABIN FREDA | P.E. No.: 77550
3363 N. COMMERCIAL BLVD. SUITE 115 FT. LAUDERDALE, FL 33309
P: 954.870.5070 | C.A. No. 6104

DESIGNED BY	NAME	DATE	DRAWN BY	NAME	DATE

MIAMI-DADE COUNTY
DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION
STEPHEN P. CLARK, CHIEF ENGINEER
MIAMI, FLORIDA 33138

GRADING PLAN



Total Volume Table

Station	Fill Area	Cut Area	Fill Volume	Cut Volume
7+50.00	0.50	30.31	1.89	61.73

Total Volume Table

Station	Fill Area	Cut Area	Fill Volume	Cut Volume
8+00.00	0.06	57.42	0.52	81.24

LEGEND

	TOPSOIL
	SAND
	LIMESTONE FRAGMENT
	LIMESTONE
	GROUNDWATER LEVEL

SW 152 ST

OLD CUTLER RD. &
 SW 152 ST (CORAL REEF)

SCALE
 1"=10' HORIZONTAL
 1"=5' VERTICAL

K:\DESIGN\20200119\EDP_M720200119\0405\020-12-18-04 Cutler Roundabout\SW 152 ST\WV\Sections\SW 152 ST West Corridor.dwg Nov 04, 2021 - 5:15pm JFFRER

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

MARLIN
 ENGINEERING
 ANGEL ABIN PREDI | P.E. No.: 77500
 3363 W. COMMERCIAL BLVD., Ste. 115 | FT. LAUDERDALE, FL 33309
 P: 954.870.5070 | C.A. No. 6104

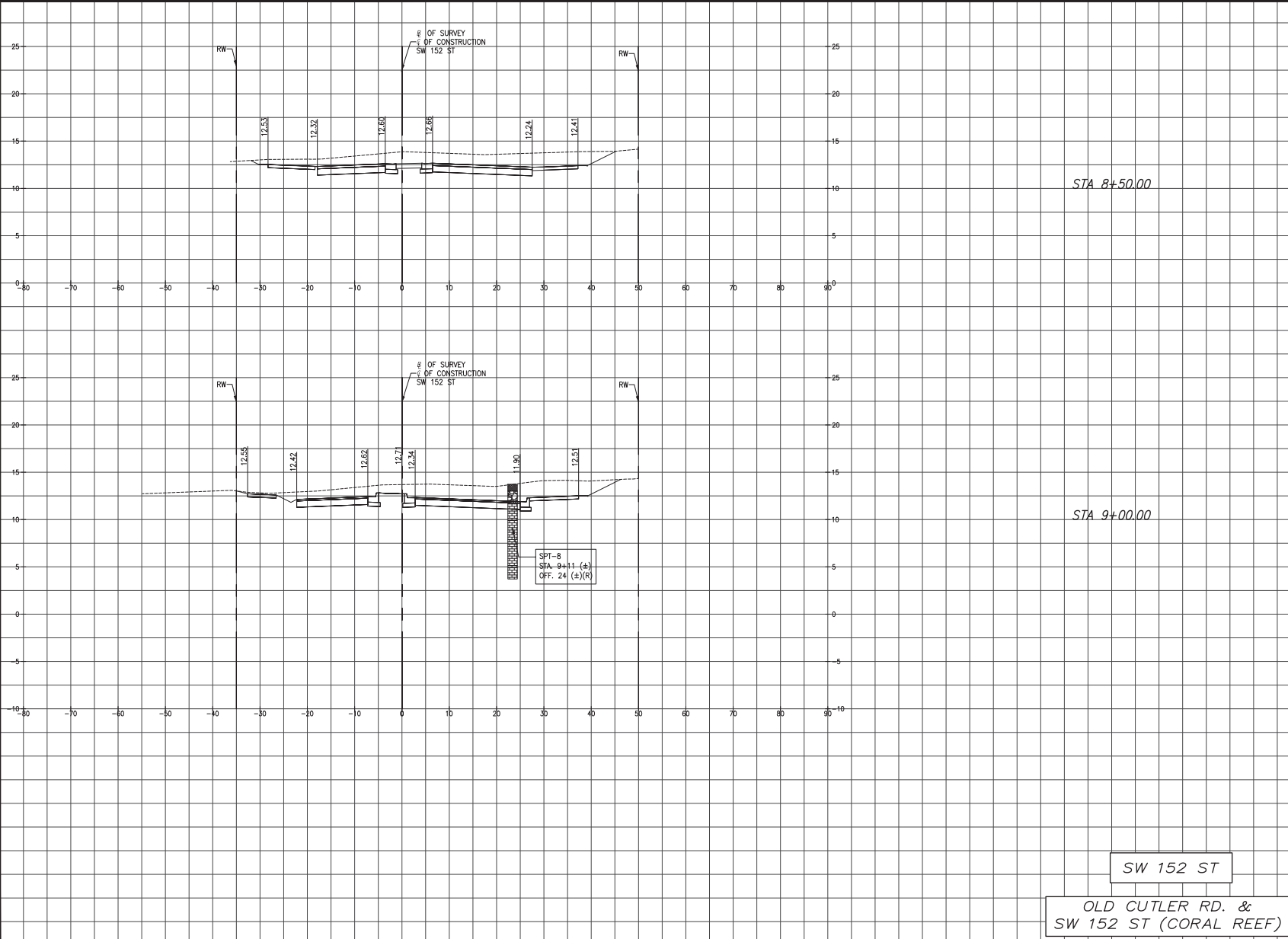
DESIGNED BY	NAME	DATE	DRAWN BY	NAME	DATE
	R.L.			M.P.	
CHECKED BY	A.F.		CHECKED BY	A.F.	

SUPERVISED BY:

MIAMI-DADE COUNTY
 DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
 HIGHWAY DIVISION
 STEPHEN P. CLARK CENTER
 100 N.W. 1ST ST.
 MIAMI, FLORIDA 33138

CROSS SECTIONS

K:\DESIGN\20200119\EDP_MF20200119\0405\2020-12-18-016-Cutler Roundabouts\SW 184 ST\WV\Sections\SW 152 ST West Considering Nov 04, 2021 - 5:15pm.dwg



Total Volume Table

Station	Fill Area	Cut Area	Fill Volume	Cut Volume
8+50.00	0.01	116.87	0.06	161.38

Total Volume Table

Station	Fill Area	Cut Area	Fill Volume	Cut Volume
9+00.00	0.00	143.74	0.01	241.30

LEGEND

	TOPSOIL
	SAND
	LIMESTONE FRAGMENT
	LIMESTONE
	GROUNDWATER LEVEL

SW 152 ST

OLD CUTLER RD. &
SW 152 ST (CORAL REEF)

SCALE
1"=10' HORIZONTAL
1"=5' VERTICAL

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

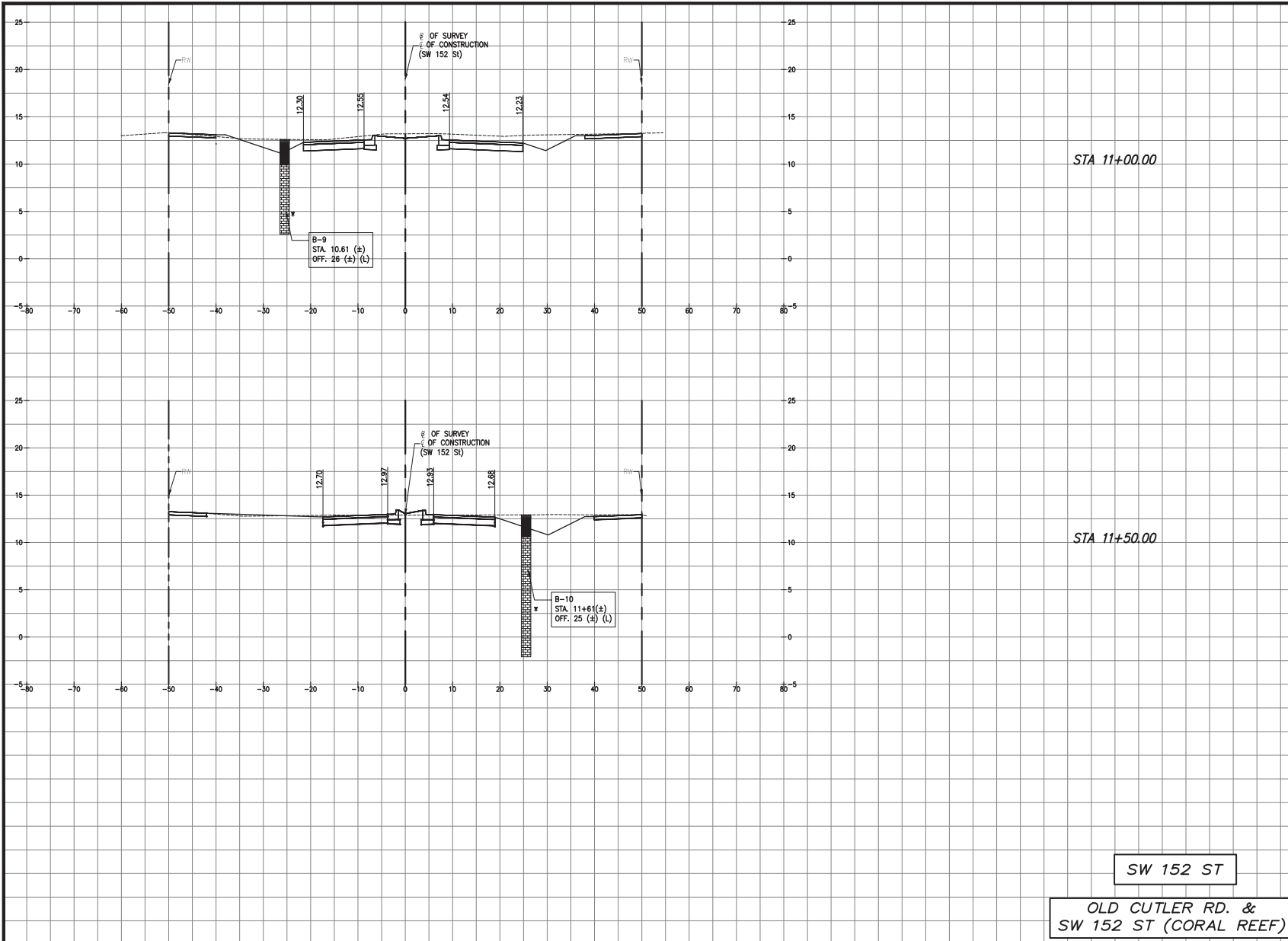
MARLIN
ENGINEERING
ANGEL ABIN PREDI | P.E. No.: 77500
3363 W. COMMERCIAL BLVD. SU. 115 | FT. LAUDERDALE, FL 33309
P: 954.870.5070 | C.A. No. 6104

DESIGNED BY	NAME	DATE	DRAWN BY	NAME	DATE

MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION
STEPHEN P. CLARK, CHIEF
15184 ST.
MIAMI, FLORIDA 33188

CROSS SECTIONS

K:\DESIGN\202001\0001\EDP_07202001\0001\0001\2020-12-18- Old Cutler Roundabouts\SW 152 ST\SW152\Sections\SW 152 ST East Considered\New 04_2021 - 51.dwg - JFRBRCR



MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION
OLD CUTLER RD. ROUNDABOUTS AT SW 152 ST & SW 184 ST
PROJECT NO. 20200119 SHEET 36 OF 183

Total Volume Table

Station	Fill Area	Cut Area	Fill Volume	Cut Volume
11+00.00	0.00	103.89	0.00	96.20

Total Volume Table

Station	Fill Area	Cut Area	Fill Volume	Cut Volume
11+50.00	0.85	70.47	0.79	161.45

LEGEND

	TOPSOIL
	SAND
	LIMESTONE FRAGMENT
	LIMESTONE
	GROUNDWATER LEVEL

SCALE
1"=10' HORIZONTAL
1"=5' VERTICAL

SW 152 ST
**OLD CUTLER RD. &
SW 152 ST (CORAL REEF)**

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

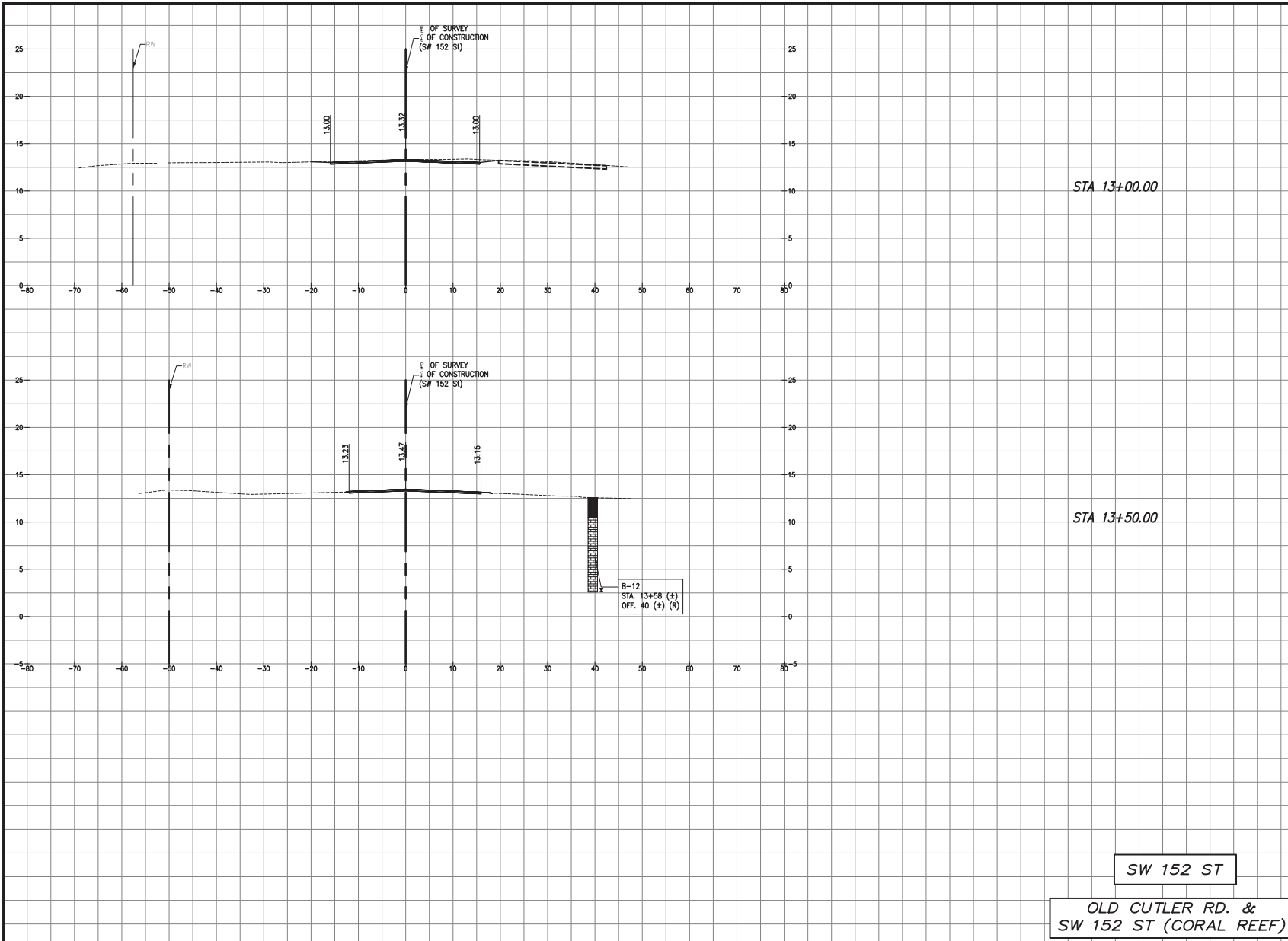
MARLIN
ENGINEERING
AYCEL ABIN FREDA | P.E. No.: 77550
3363 W. COMMERCIAL BLVD, SU. 110 FT. LAUDERDALE, FL 33309
P: 954.870.5070 | C.A. No. 6104

DESIGNED BY	NAME	DATE	DRAWN BY	NAME	DATE
CHECKED BY			CHECKED BY		
SUPERVISED BY:					

MIAMI-DADE COUNTY
DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION
STEPHEN P. CLARK, CHIEF
150 NW 11th ST
MIAMI, FLORIDA 33138

CROSS SECTIONS

K:\DESIGN\202001\0001\EDP_#17202001\19\0405\2020-12-18- Old Cutler Roundabouts\SW 184 ST\WMS\Sections\SW 152 ST East Considered New 04, 2021 - 5116pm.dwg



MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION
OLD CUTLER RD. ROUNDABOUTS AT SW 152 ST & SW 184 ST
PROJECT NO. 20200119 SHEET 38 OF 183

Station	Fill Area	Cut Area	Fill Volume	Cut Volume
13+00.00	0.00	0.00	0.00	0.00

Station	Fill Area	Cut Area	Fill Volume	Cut Volume
13+50.00	0.00	0.00	0.00	0.00

	TOPSOIL
	SAND
	LIMESTONE FRAGMENT
	LIMESTONE
	GROUNDWATER LEVEL

SCALE
1"=10' HORIZONTAL
1"=5' VERTICAL

SW 152 ST
**OLD CUTLER RD. &
SW 152 ST (CORAL REEF)**

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

MARLIN
ENGINEERING
AYCEL ABIN FREDA | P.E. No.: 77550
3363 N. COMMERCIAL BLVD. SU. 110 | FT. LAUDERDALE, FL 33309
P: 954.870.5070 | C.A. No. 6104

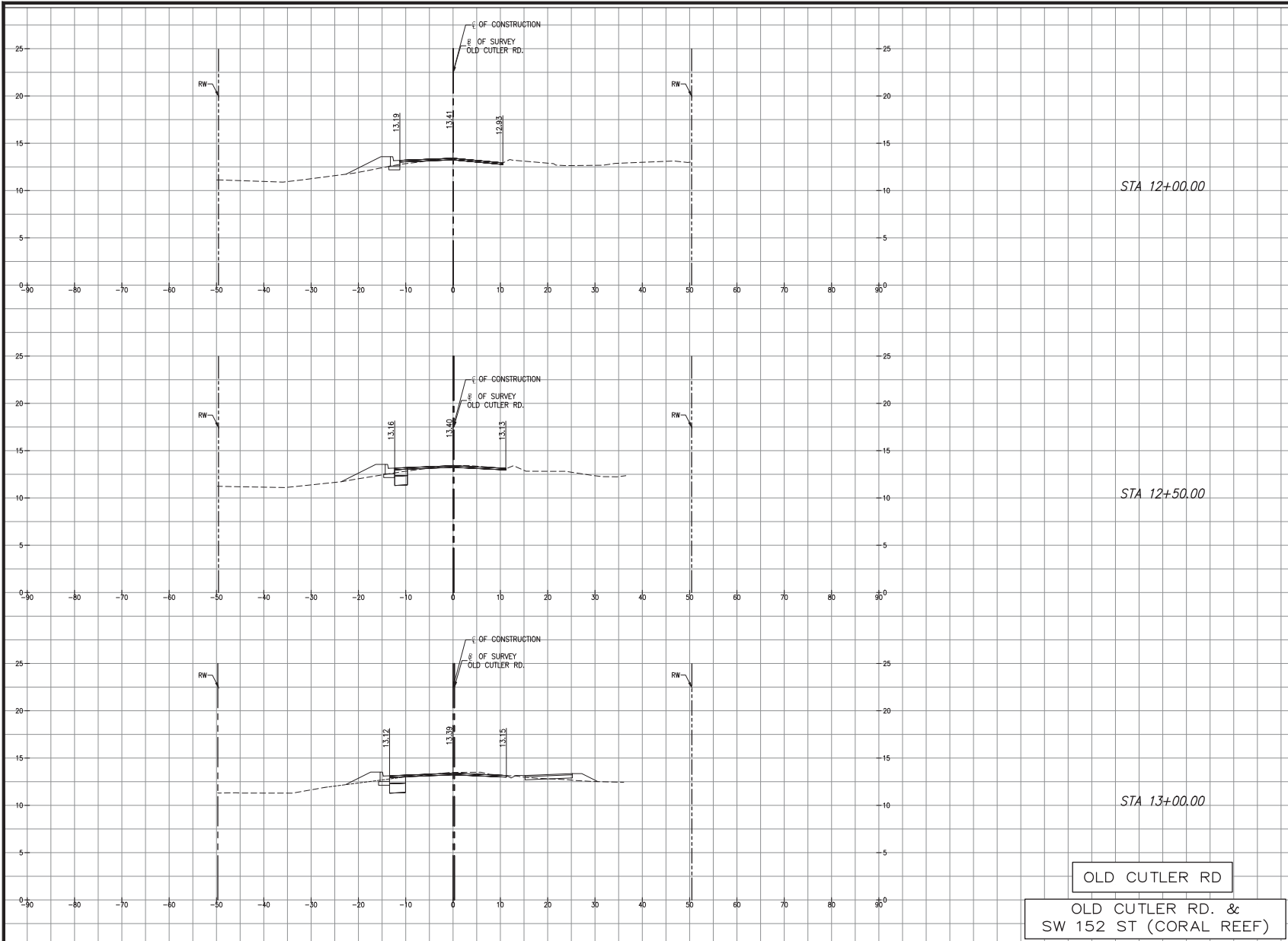
DESIGNED BY	NAME	DATE	DRAWN BY	NAME	DATE

MIAMI-DADE COUNTY
DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION
STEPHEN P. CLARK, CIVIL ENGINEER
181 NW 11th ST.
MIAMI, FLORIDA 33138

CROSS SECTIONS

K:\DESIGN\202001\19\0405\2020-12-16- Old Cutler Roundabouts\184 SW 152\1\Sections\184 SW 152 SW 152\Sections_SW 152 ST South Corridor.dwg Nov 04, 2021 - 5:17pm JTBREER

MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION
OLD CUTLER RD. ROUNDABOUTS AT SW 152 ST & SW 184 ST
PROJECT NO. 20200119 SHEET 39 OF 183



Total Volume Table

Station	Fill Area	Cut Area	Fill Volume	Cut Volume
12+00.00	1.68	4.02	1.55	3.72

Total Volume Table

Station	Fill Area	Cut Area	Fill Volume	Cut Volume
12+50.00	1.99	6.79	3.39	10.01

Total Volume Table

Station	Fill Area	Cut Area	Fill Volume	Cut Volume
13+00.00	0.01	6.33	1.85	12.15

LEGEND

	TOPSOIL
	SAND
	LIMESTONE FRAGMENT
	LIMESTONE
	GROUNDWATER LEVEL

SCALE
1"=10' HORIZONTAL
1"=5' VERTICAL

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

MARLIN
ENGINEERING
AYCEL ABIN FREDA | P.E. No.: 77500
3363 W. COMMERCIAL BLVD. SU. 115 | FT. LAUDERDALE, FL 33309
P: 954.870.5070 | C.A. No. 6104

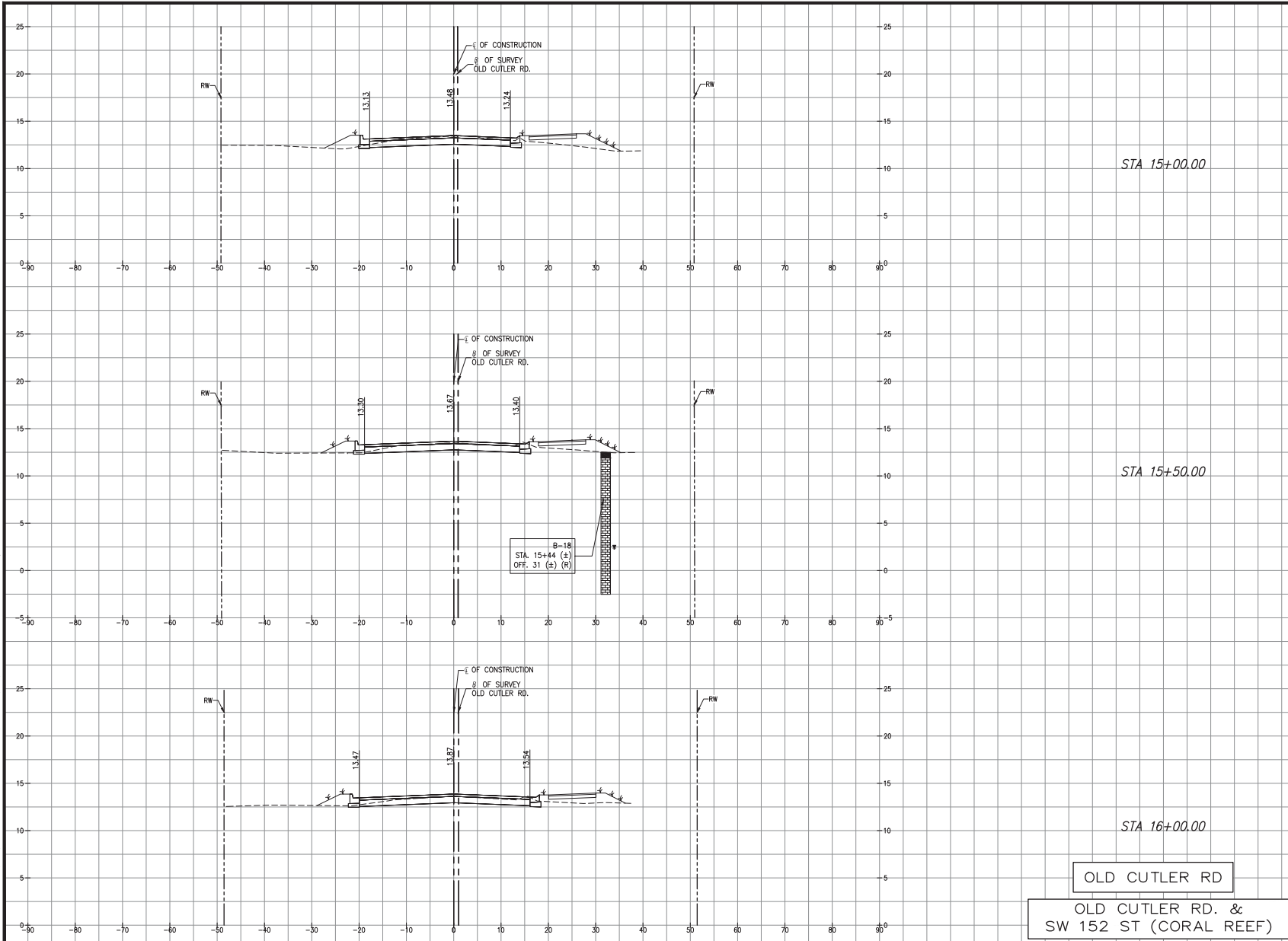
DESIGNED BY	NAME	DATE	CHECKED BY	NAME	DATE
	RL				
	AF				

DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
MIAMI-DADE COUNTY
HIGHWAY DIVISION
STEPHEN P. CLARK, CHIEF
181 NW 1 ST.
MIAMI, FLORIDA 33128

CROSS SECTIONS

K:\DESIGN\20200119\EDP_JTF20200119\CA05\2020-12-18 - Old Cutler Roundabouts\SW 184 ST\WMS\Section_SW 152 ST South Corridor\New 04_2021 - 0177m_JTBEBER

MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION
OLD CUTLER RD. ROUNDABOUTS AT SW 152 ST & SW 184 ST
PROJECT NO. 20200119 SHEET 41 OF 183



Total Volume Table

Station	Fill Area	Cut Area	Fill Volume	Cut Volume
15+00.00	20.00	25.15	25.63	43.16

Total Volume Table

Station	Fill Area	Cut Area	Fill Volume	Cut Volume
15+50.00	17.28	23.81	34.52	45.33

Total Volume Table

Station	Fill Area	Cut Area	Fill Volume	Cut Volume
16+00.00	16.67	23.36	31.44	43.67

LEGEND

	TOPSOIL
	SAND
	LIMESTONE FRAGMENT
	LIMESTONE
	GROUNDWATER LEVEL

SCALE
1"=10' HORIZONTAL
1"=5' VERTICAL

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

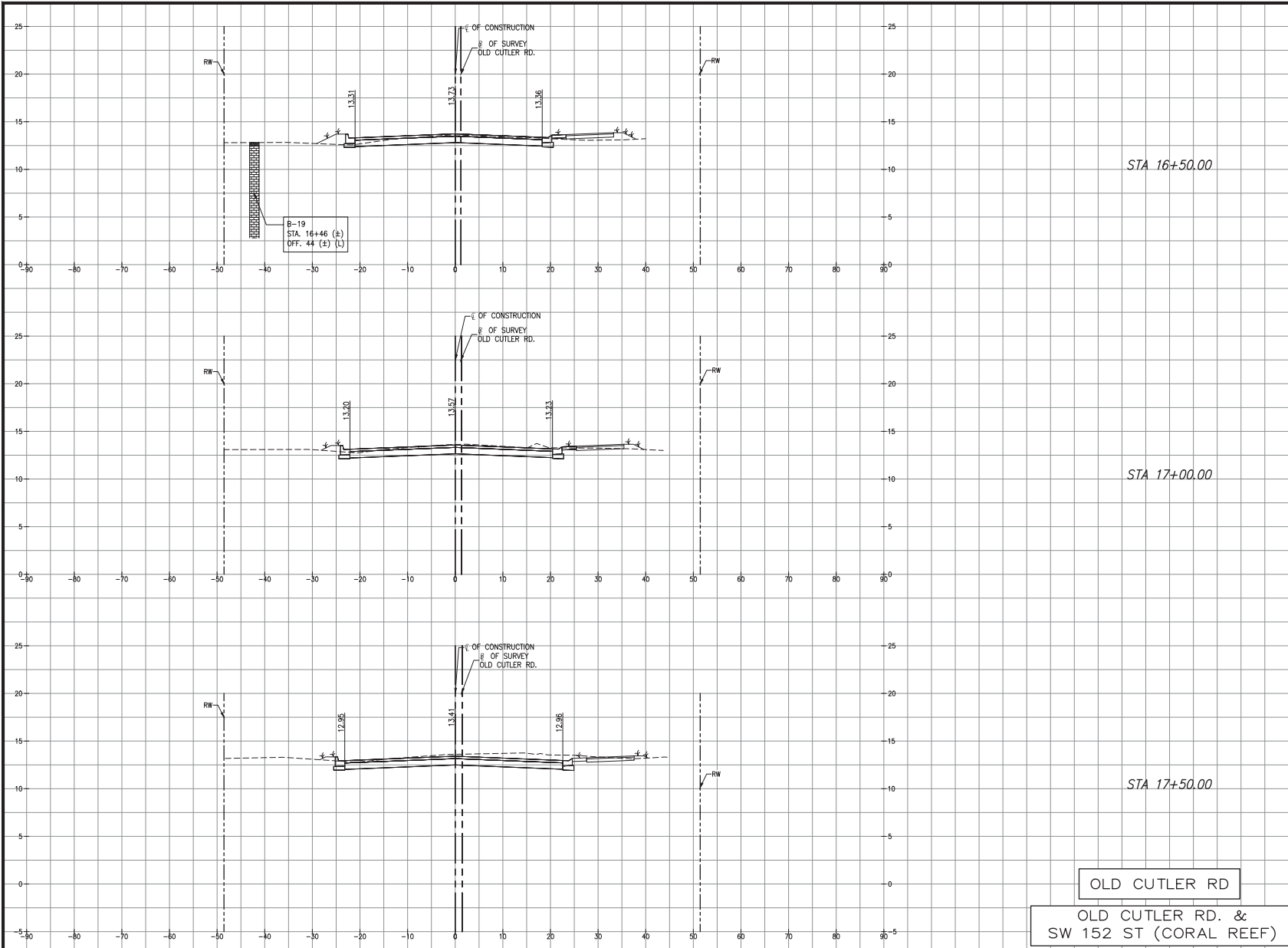
MARLIN
ENGINEERING
AYCEL ABIN FREDA | P.E. No. 77950
3363 W. COMMERCIAL BLVD. SUITE 115 FT. LAUDERDALE, FL 33309
P: 954.870.0070 | C.A. No. 6104

DESIGNED BY	NAME	DATE	CHECKED BY	NAME	DATE

DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION
MIAMI-DADE COUNTY
STEPHEN P. CLARK, CIVIL ENGINEER
15188 ST. MANE, FLORENCE 33208

CROSS SECTIONS

K:\ISSUES\20200119\005_LDP_MF20200119\005\2020-12-16-04-Cutler Roundabouts\SW 152 ST\SW152\Sections\SW 152 ST South Corridor\New 04, 2021 - 5:18pm - JTFEER



MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION
OLD CUTLER RD. ROUNDABOUTS AT SW 152 ST & SW 184 ST
PROJECT NO. 20200119 SHEET 42 OF 183

Total Volume Table

Station	Fill Area	Cut Area	Fill Volume	Cut Volume
16+50.00	10.57	30.04	25.22	49.44

Total Volume Table

Station	Fill Area	Cut Area	Fill Volume	Cut Volume
17+00.00	4.17	43.69	13.65	68.27

Total Volume Table

Station	Fill Area	Cut Area	Fill Volume	Cut Volume
17+50.00	1.48	61.26	5.23	97.18

LEGEND

- TOPSOIL
- SAND
- LIMESTONE FRAGMENT
- LIMESTONE
- GROUNDWATER LEVEL

SCALE
1"=10' HORIZONTAL
1"=5' VERTICAL

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

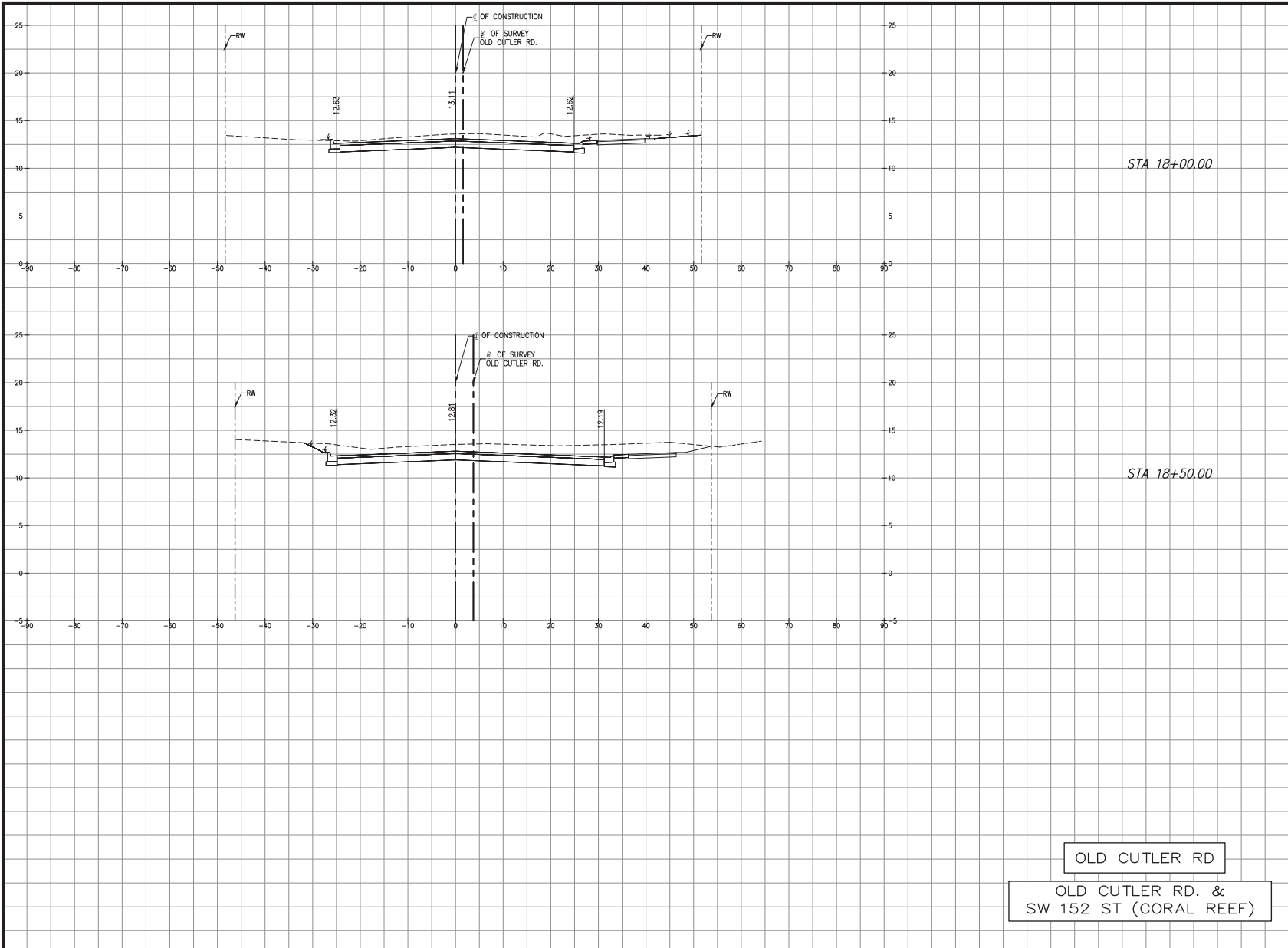
MARLIN
ENGINEERING
ARCEL AMB FREDA | P.E. No.: 77550
3363 W. COMMERCIAL Blvd. Ste. 115 | FT. LAUDERDALE, FL 33309
P: 954.870.5070 | C.A. No. 6104

DESIGNED BY	NAME	DATE	DRAWN BY	NAME	DATE
	R.L.			M.P.	
CHECKED BY	A.F.		CHECKED BY	A.F.	
SUPERVISED BY:					

DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
MIAMI-DADE COUNTY
HIGHWAY DIVISION
STEPHEN P. CLARK, CHIEF
151 NW 1 ST.
MIAMI, FLORIDA 33138

CROSS SECTIONS

K:\ISSUES\20200115\LD\1922000119\DADE\2020-12-16-04\Cutler Roundabouts\SW 184 ST\SW184\Sections\SW 184 ST\SW184\Sections\SW 184 ST South Corridor\Nov 04, 2021 - 5:16pm - JTFEIKER



MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION
OLD CUTLER RD. ROUNDABOUTS AT SW 152 ST & SW 184 ST
PROJECT NO. 20200119 SHEET 41 OF 183

Total Volume Table

Station	Fill Area	Cut Area	Fill Volume	Cut Volume
18+00.00	0.09	85.17	1.45	135.58

Total Volume Table

Station	Fill Area	Cut Area	Fill Volume	Cut Volume
18+50.00	0.00	127.07	0.08	198.06

Total Volume Table

Station	Fill Area	Cut Area	Fill Volume	Cut Volume
19+00.00	0.00	171.76	0.00	276.69

OLD CUTLER RD
OLD CUTLER RD. &
SW 152 ST (CORAL REEF)

SCALE
1"=10' HORIZONTAL
1"=5' VERTICAL

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

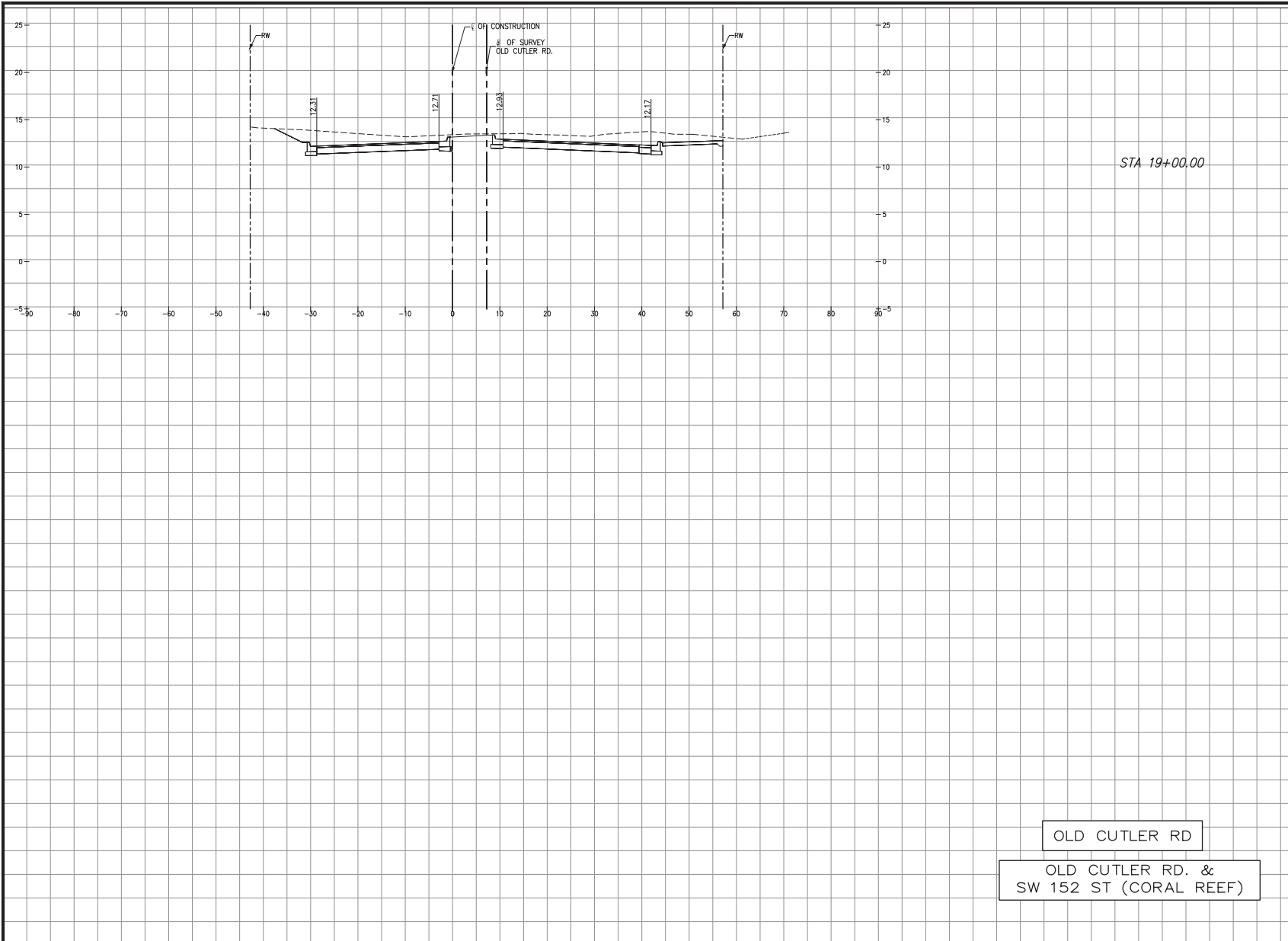
MARLIN
ENGINEERING
ARCEL AHN FREDA | P.E. No.: 77550
3363 W. COMMERCIAL BLVD. Ste. 115 | FT. LAUDERDALE, FL 33309
P: 954.870.5070 | C.A. No. 6104

DESIGNED BY	NAME	DATE	DRAWN BY	NAME	DATE
	R.L.			M.P.	
CHECKED BY	A.F.		CHECKED BY	A.F.	
SUPERVISED BY:					

MIAMI-DADE COUNTY
DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION
STEPHEN F. CLARK, CHIEF
150 N.W. 1ST ST.
MIAMI, FLORIDA 33138

CROSS SECTIONS

K:\PERSONAL\20200119\0405\0405\0405-12-16-04-Cutler Roundabouts\SW 184 ST\W192\CrossSections_SW 184 ST\W192\CrossSections_SW 184 ST_South\CrossSectioning Nov 04, 2021 - 5:16pm - JTFEIKER



MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
 HIGHWAY DIVISION
 OLD CUTLER RD. ROUNDABOUTS AT SW 152 ST & SW 184 ST
 PROJECT NO. 20200119 SHEET 44 OF 183

Total Volume Table				
Station	Fill Area	Cut Area	Fill Volume	Cut Volume
19+00.00	0.00	235.10	0.00	382.97

OLD CUTLER RD.
 OLD CUTLER RD. &
 SW 152 ST (CORAL REEF)

SCALE
 1"=10' HORIZONTAL
 1"=5' VERTICAL

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

MARLIN
 ENGINEERING
 ANGEL ABIN FREDA | P.E. No.: 77550
 3363 W. COMMERCIAL BLVD. Ste. 115 | FT. LAUDERDALE, FL 33309
 P: 954.870.5070 | C.A. No. 6104

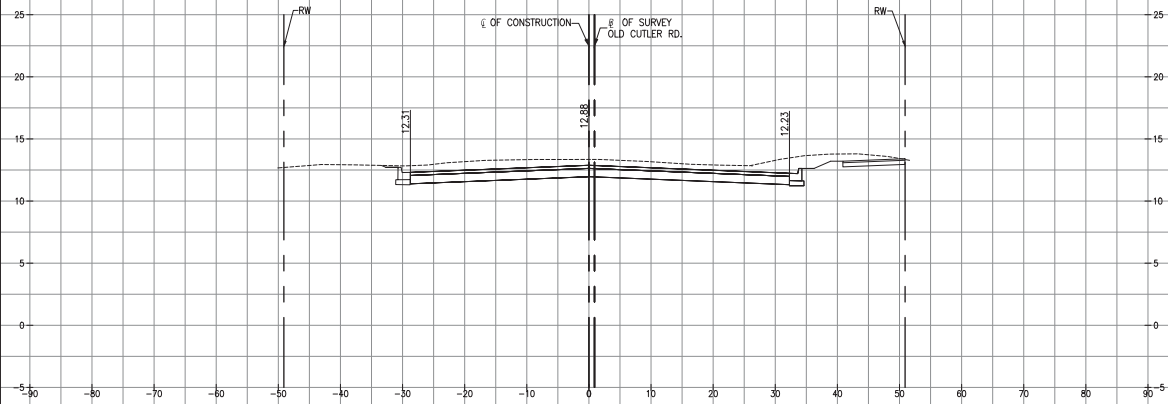
DESIGNED BY	NAME	DATE	DRAWN BY	NAME	DATE
	R.L.			M.P.	
CHECKED BY	A.F.		CHECKED BY	A.F.	
SUPERVISED BY:					

DEPARTMENT OF TRANSPORTATION
 AND PUBLIC WORKS
MIAMI-DADE COUNTY
 HIGHWAY DIVISION
 STEPHEN P. CLARK, CHIEF
 100 N.W. 1ST.
 MIAMI, FLORIDA 33138

CROSS SECTIONS

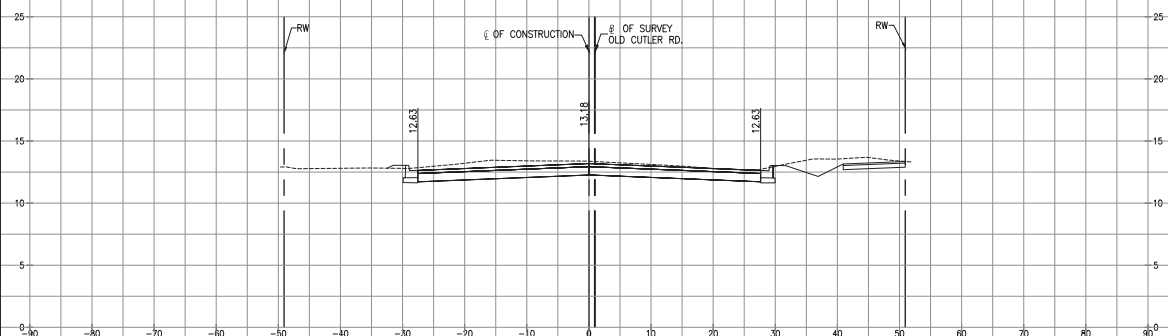
K:\DESIGN\202001\006_LDP_#17202001\19\DADE\2020-12-16- Old Cutler Roundabouts\SW 184 ST\VME\Sections\SW 184 ST VME\Sections_SW 184 ST North Corridor.dwg Nov 04, 2021 - 5:18pm JFD/BER

MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION
OLD CUTLER RD. ROUNDABOUTS AT SW 152 ST & SW 184 ST
PROJECT NO. 20200119 SHEET 45 OF 183



STA 21+50.00

Station	Fill Area	Cut Area	Fill Volume	Cut Volume
21+50.00	0.00	113.68	0.00	147.39



STA 22+00.00

Station	Fill Area	Cut Area	Fill Volume	Cut Volume
22+00.00	0.00	80.95	0.00	180.21

OLD CUTLER RD.
OLD CUTLER RD. &
SW 152 ST (CORAL REEF)

SCALE
1"=10' HORIZONTAL
1"=5' VERTICAL

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

MARLIN
ENGINEERING
AYCEL ABIN FREDA | P.E. No: 77550
3363 W. COMMERCIAL BLVD. SU. 115 | FT. LAUDERDALE, FL 33309
P: 954.870.5070 | C.A. No. 6104

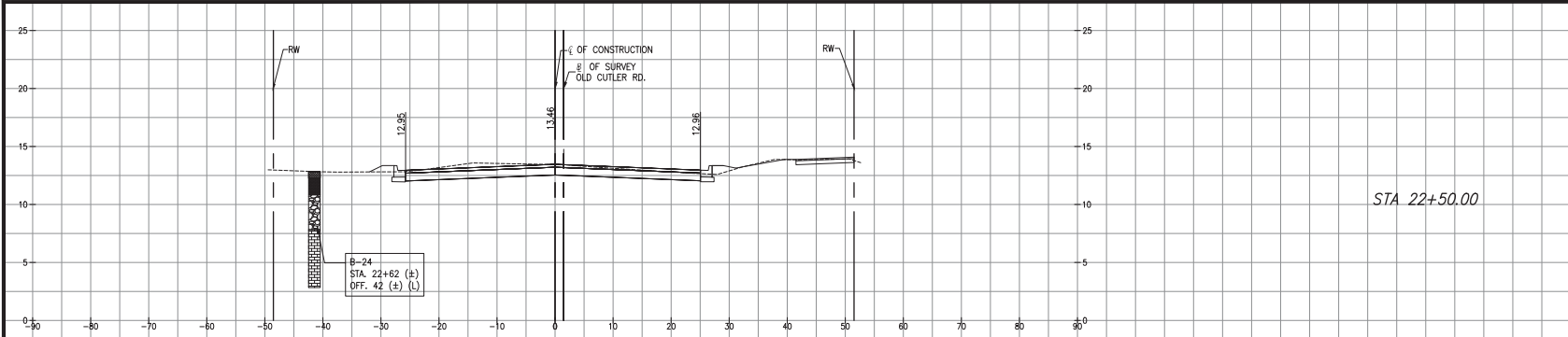
DESIGNED BY	NAME	DATE	DRAWN BY	NAME	DATE
CHECKED BY			CHECKED BY		
SUPERVISED BY:					

MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS HIGHWAY DIVISION
STEPHEN P. CLARK, CIVIL ENGINEER
181 NW 11TH ST.
MIAMI, FLORIDA 33138

CROSS SECTIONS

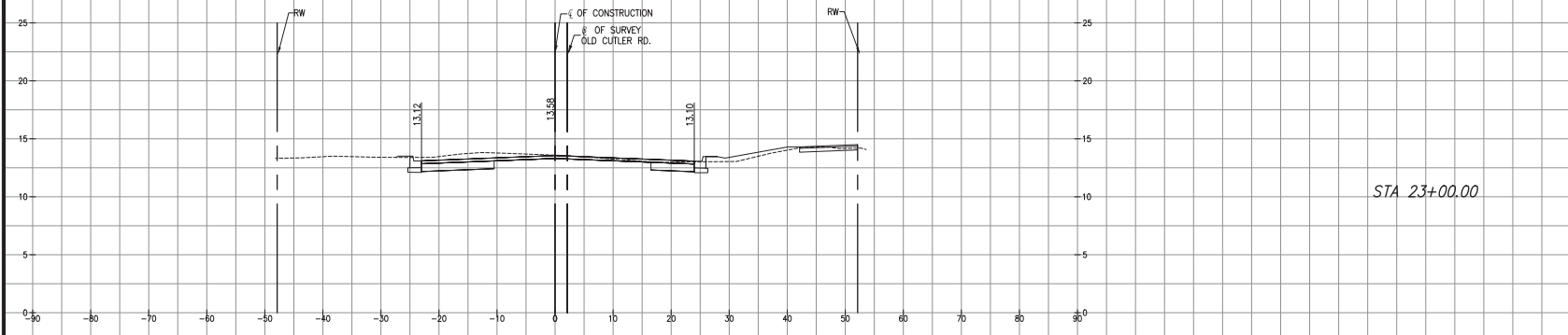
K:\DESIGN\202001\0000_EDP_JRF20200119\0000_2020-12-18 - Old Cutler Roundabouts\SW 184 ST\WMC\Sections\SW 152 ST North\Corridor.dwg Nov 04, 2021 - 15:19pm JFERNER

MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION
OLD CUTLER RD. ROUNDABOUTS AT SW 152 ST & SW 184 ST
PROJECT NO. 20200119 SHEET 46 OF 183



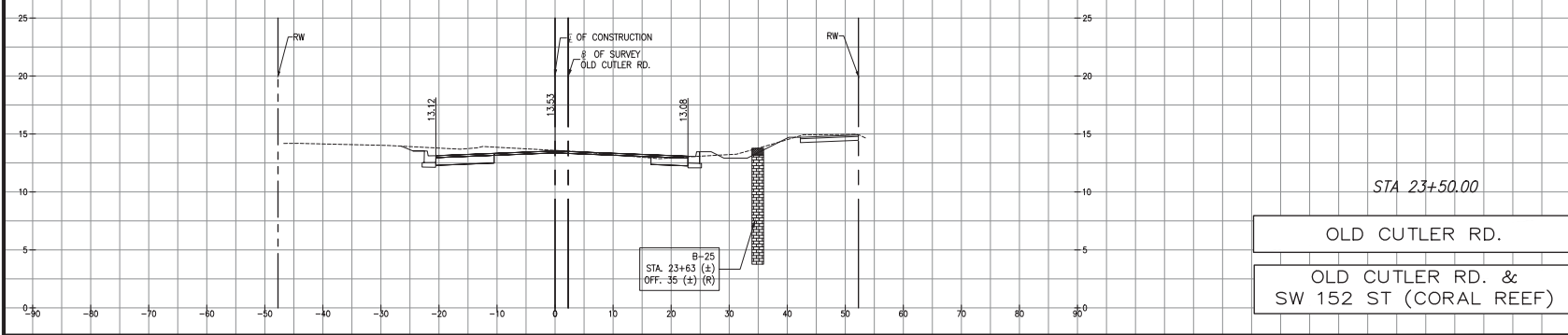
STA 22+50.00

Total Volume Table				
Station	Fill Area	Cut Area	Fill Volume	Cut Volume
22+50.00	1.12	67.13	1.06	137.66



STA 23+00.00

Total Volume Table				
Station	Fill Area	Cut Area	Fill Volume	Cut Volume
23+00.00	0.02	59.28	1.05	116.46



STA 23+50.00

Total Volume Table				
Station	Fill Area	Cut Area	Fill Volume	Cut Volume
23+50.00	0.28	29.04	0.28	81.59

LEGEND	
	TOPSOIL
	SAND
	LIMESTONE FRAGMENT
	LIMESTONE
	GROUNDWATER LEVEL

SCALE
1"=10' HORIZONTAL
1"=5' VERTICAL

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

MARLIN
ENGINEERING
AYCEL ABIN FREDA | P.E. No: 77500
3363 W. COMMERCIAL BLDG. 2ND FL. FT. LAUDERDALE, FL 33309
P: 954.870.0070 | C.A. No. 6104

DESIGNED BY	NAME	DATE	DRAWN BY	NAME	DATE

MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS HIGHWAY DIVISION
STEPHEN F. CLARK CENTER
15100 SW 1ST AVE. SUITE 100
MIAMI, FLORIDA 33187

CROSS SECTIONS