PLANS FOR PROPOSED IMPROVEMENTS TO

OLD CUTLER ROAD AT 152 STREET AND AT SW 184 STREET

INDEX OF SHEETS

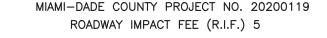
SHEET DESCRIPTION SHT. No. COVER SHEET TYPICAL SECTION GENERAL NOTES SUMMARY OF QUANTITIES STORM WATER POLLUTION PREVENTION PLAN INLET PROTECTION SYSTEMS DETAIL SEDIMENT BARRIERS DETAIL ROADWAY PLAN 8-17 18-20 SPECIAL DETAILS ROADWAY PROFILE 21-30 GRADING PLAN 31-32 33-66 CROSS SECTIONS 67-70 MAINTENANCE OF TRAFFIC 71-81 SIGNING & PAVEMENT MARKING PLAN 82-84 SIGNALIZATION PLANS UTILITY ADJUSTMENT SHEET 85-94 95-114 DRAINAGE STRUCTURES

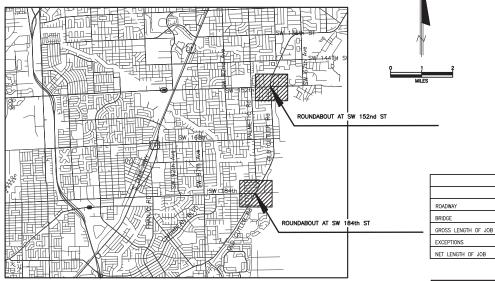
SHT. No. INDEX No. SHEET DESCRIPTION

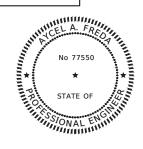
01111	HADEN HOL	OTTEET DECOME HOTE
135	GSS-01	FDOT STANDARD SYMBOLS FOR KEY SHEET & PLAN SHEET
136	110-100	FDOT TREE PROTECTION AND PRESERVATION
137	120-001	FDOT EMBANKMENT UTILIZATION
138-139	R12.3 - R12.5	ASPHALT DRIVEWAY
140-147	425-001	FDOT SUPPLEMENTARY DETAILS FOR DRAINAGE STRUCTURES
148-151	425-010	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
175-176	522-001	FDOT CONCRETE SIDEWALK
177-180	522-002	FDOT DETECTABLE WARNINGS AND SIDEWALK CURB RAMPS
181-183	522-003	FDOT CONCRETE FLARED DRIVEWAYS

THESE PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH AND ARE GOVERNED BY THE MAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT STANDARDS AND SPECIFICATIONS PARTS 1, 2 AND 3. THE MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MANIFEMANCE 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 @BOOK, AS AMENDED BY CONTRACT DOCUMENTS.









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

LENGTH OF JOB (SW 152 ST)

LIN. FT.

2412

2412

2412

MILES

0.456

0.456

0.456

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.

PREPARED FOR



DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS HIGHWAY DIVISION

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

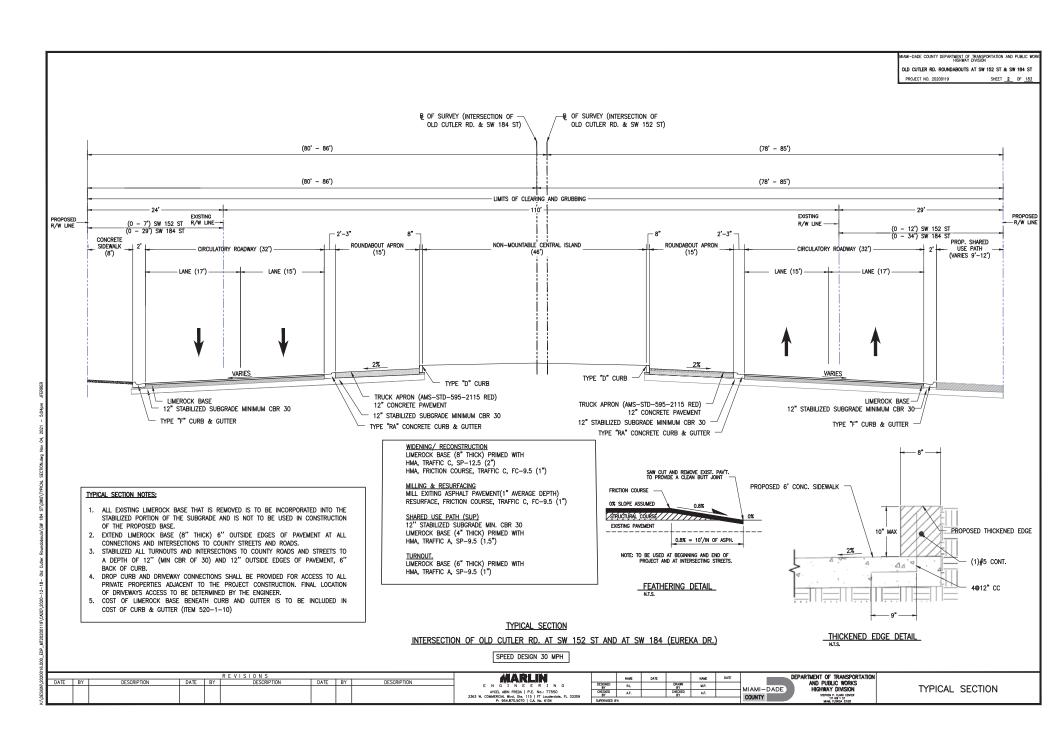


3363 W. COMMERCIAL Blvd, Ste. 115 | FT Lauderdale, FL 33309 P: 954.870.5070 | CA. No. 6104 ENGINEER OF RECORD:

Aycel A Freda Digitally signed by Aycel 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



- B.M. DATA IS NATIONAL GEODETIC VERTICAL DATUM OF 1929 (N.G.V.D.-29). 1.
- ANY N.G.V.D. BENCH MARK MONUMENTS WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED AND PROPERLY REFERENCED BY A REGISTRED—LAND SURFIVER IN ACCORDANCE WITH THE MINMUM TECHNICAL STANDARDS OF THE FLORIDA BOARD OF PROFESSIONAL LAND SURFIVERS PROBE TO BEGINNIN WORK AT THE STEEL IF ANY MONUMENT IS DANGER OF DAMAGE, THE PROJECT ENGINEER SHALL NOTIFY THE BUREAU OF SURVIEWING A MAPPING, FLORIDA DINSION OF STATE LANDS, 3900 COMMONWEALTH BLVD., MAIL STATION 100, TALLAHASSEE, FLORIDA 32399-3000
- ALL PUBLIC LANG CORRESS AND MONUMENTS WITHIN THE LIMITS OF CONSTRUCTION ARE TO RE PROTECTED BY THE CONTRACTOR AS FOLLIWS: CORRESS AND MONAMENTS IN COPIACY WITH THE WORK AND IN DAMEER, OF EIRIO DAMACED, DESTROYED, OR COVERED SHALL BE PROPERLY REFERENCED BY A REGISTERED-LAND SURVEYOR IN ACCORDANCE WITH THE MINIMAL TECHNICAL STRUMANDS OF THE FLORING ANDROOF OF PROFESSIONAL LAND SURVEYORS PROPER TO BEGINNING WORK AT THE SITE. THE CONTRACTOR SHALL RETAIN THE LAND SURVEYOR TO RETERENCE, AND RESTORE UPON COMPLETION OF THE WORK, ALL SUCH CORRESS AND MONAMENTS AND SHALL RETAIN TO SHALL PER THE MORE ALL SUCH CORRESS AND MONAMENTS AND SHALL PURPOSE TO MARKED COUNTY PUBLIC WORK. DEPARTMENT A SIGNED AND SEALED COPY OF THE LAND SURVEYOR'S REFERENCE DRAWING.
- ALL STATIONS AND OFFSETS REFER TO BASELINE OF SURVEY, UNLESS OTHERWISE STATED.
- 5. ALL GRADES SHOWN IN PLAN ARE FINISHED GRADES.
- 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 REJUNI. B. AT NEW LORB NOT LETE THAN 72 HOURS AFTER REING FOURD. C. WHERE CURB DOES NOT EXIST AND SHALL NOT BE CONSTRUCTED,
 - CONTRACTOR SHALL MAINTAIN THE STATION MARKS VISIBLE UNTIL FINAL INSPECTION. ALL CONSTRUCTION SMALL BE IN STRET ACCORDANCE WITH THE REQUIREMENTS OF THE MAMI-DADE COUNTY PUBLIC WORKS EPERATION, AND ANY OTHER STATE OR LOCAL ABON'S WITH ARRISONITION. IT IS THE MITTHE OF THESE PLANS TO BE IN ACCORDANCE WITH APPLICABLE CODES AND AUTHORITIES HAWNIG JURISDICTION. ANY DISCREPANCES BETWEEN THESE PLANS NO APPLICABLE CODES SMALL BE MAMDIATELY SPROUGHT TO THE ATTORNOON OF THE PROMISERS.
- CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE EPA AND THE NATIONAL POLLUTION DISCHARGE ELIMINATION
- THE LOCATION AND SIZE OF THE LITHLITIES SHOWN IN THE PLANS ARE RASED ON THE REST AVAILABLE INFORMATION AND THE LOCATION AND SIZE OF THE UTILIZES SHOWN IN THE PLACE ARE BISED ON THE BEST AVAILABLE INFORMATION AND SHOULD BE CONSIDERED APPROXIMATE ONLY. NEITHER UTILITY DESIGNATION SO UTILIZES (VA.M.) WHERE AVAILABLE SOULD BE CONTRACTOR SHALL VERBY ALL UTILIZES STATE OF THE UTILIZES AND STATE OF THE WORKER STATE ON STATE OF THE UTILIZES AND STATE OF THE WORKER STATE OF CONTRACTOR AND THE UTILIZEY OWNER WITH THE APPROVAL OF THE EMORRES THE CONTRACTOR SHALL BE CONSIDERED INDICATION. TO THE CONTRACTOR AND NO

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

- 10. BASELINE CONTROL SURVEY CONDUCTED BY MIAMI-DADE COUNTY. PLEASE CALL JEFFREY D. WHITMORE AT (305)-375-2657 CONCERNING SURVEY RELATED QUESTIONS.
- EXISTING TOPOGRAPHIC INFORMATION WAS OBTAINED FROM SURVEY PREPARED BY MIAMI-DADE COUNTY.
- 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.
- THE CONTRACTOR IS TO USE CAUTION WHEN WORKING IN OR AROUND AREAS OF OVERHEAD AND UNDERGROUND UTILITIES.
- MAMI-DADE WATER AND SEWER DEPARTMENT REQUIRES THAT ACCESS TO ALL WATER AND SEWER VALVES, SANITARY MANHOLES, AND OTHER CONTROL MECHANISMS BE MANTAINED THROUGHOUT CONSTRUCTION IN THE EXPAT OF AN EMPRESENCY TO ENSURE THE PUBLIC HEALTH AND SAFETY. COVERING VALVE BOXES AND MANHOLES CAN BE CONSIDERED UMULTHORIZED OBSTRUCTION OF AND TAMPERMON WITH DEPARTMENT UTILITIES. ALL REQUESTS FOR UTILITY ADJUSTMENTS UNAUTHORIZED GESTRUCTION OF AND TAMPERING WITH DEPARTMENT UTILITIES. ALL REQUESTS FOR UTILITY ADJUSTMENTS MUST BE MADE IN MRITING AT LESS TWO (2) WEEKS IN ADVANCE, FOR MANHOLE AND VALVES, CONTROL THE CONSTRUCTION MANAGEMENT SECTION, PUMP STATIONS UNT, 3071 SW 38 AMENUE, FAX NO. 305-688-3628. THE CONSTRUCTION MANAGEMENT SECTION, PUMP STATIONS UNT, 3071 SW 38 AMENUE, FAX NO. 305-688-3628. THE ADJUSTMENT AT NO COST TO THE REQUESTION ACREEMY. FOR THE ADJUSTMENT AND MANTENANCE, FAX NO. 305-545-3422. AND ADJUSTMENT AND ADJUSTMENT
- 15. KNOWN UTILITY COMPANIES IN THE PROJECT LIMITS INCLUDE, BUT ARE NOT LIMITED TO:
 - FP&I JOHN GIRALDO (305) 442-5172 GUSTAVO PENA ELOBIDA CITY CAS (305) 835-3603 (786) 552-4416 (305) 222-8754 MIAMI-DADE WASD AT&T STEVE MASSIE LEONARD MAXWELL ANTHONY KOWALESKI COMCAST (800) 778-9140 CROWN CASTLE NICK BELINSKY (724) 416-2449
 - THE CONTRACTOR IS ADVISED THAT PROPERTIES ADJACENT TO THE PROJECT HAVE ELECTRIC, TELEPHONE, GAS, WATER, AND/OR SENER SERVICE LATERALS WHICH MAY NOT BE SHOWN IN PLANS. THE CONTRACTOR MIST REQUEST THE CONTROL OF THESE LATERAL SERVICES FROM THE UTILITY COMPANIES. THE ADDITIONAL COST OF EXCAVATING, INSTALLING, BACKFILLING, AND COMPACTING AROUND THESE LATERAL SERVICES WIST BE INCLUDE IN THE BID RELATED ITEM FOR THE
- 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.
- THE ROADWAY CONTRACTOR MUST MAINTAIN ACCESS TO ALL PFL FACILITIES AT ALL TIMES DURING HIS CONSTRUCTION. 18.
- 19. ALL EXISTING FACILITIES MUST REMAIN ENERGIZED DURING ROAD CONSTRUCTION.
- ANY DAMAGE TO PUBLIC OR PRIVATE PROPERTY SHALL BE RESTORED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. 20.
- ANY ENCROACHMENT WITHIN THE LIMITS OF CONSTRUCTION SHALL BE RELOCATED OR PROTECTED BY THE ADJACENT PROPERTY OWNER AT THEIR EXPENSE. 21.

- CLEARING AND GRUBBING, GRADING AND OTHER INCIDENTAL WORK NECESSARY FOR HARMONIZATION OUTSIDE R/W SHALL BE INCLUDED IN RELATED BID ITEMS.
- ALL GRASS AREAS AFFECTED BY CONSTRUCTION SHALL BE RE-SODDED. COST TO BE INCLUDED UNDER PAY ITEM 570-1-2
- THE CONTRACTOR SHOULD TAKE SPECIAL NOTE OF SOL CONDITIONS THROUGHOUT THIS PROJECT, ANY SPECIAL SHORING, SHETTING OR OTHER PROJECURIES INCESSANY TO PROTECT ADMACSITY PROSPERTY, PUBLIC OR PRIVATE, DISHING THE EXCAVATION OF SUSSOIL MATERIAL AND EXPLITATION TRENCH, OR FILLING OF ANY AREA, OR FOR ANY OPERATION DURING CONSTRUCTION, SHALL BE THE SOLD ERSPONSIBILITY OF THE CONTRACTOR.
- 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 DAMAGES CAUSED BY THESE OPERATIONS. COST OF SHEETING, SHORING, OR DEWATERING SHALL BE INCLUDED IN THE RELATED BID ITEM FOR THE WORK BEING DONE.
- 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.
- THE CONTRACTOR WILL RESTRICT PERSONNEL, THE USE OF EQUIPMENT, AND THE STORAGE OF MATERIALS TO AREAS WITHIN
- EXPLORATORY OR PRE-TRENCHING IN THE ALIGNMENT AND GRADE OF PROPOSED PIPES STRUCTURES, FRENCH DRAINS, EXPLIXATION TO K PITC-ITERACHING IN THE AUGMENT AND WORLD OF PROPUBLE PIPES INCLUDES, HERROT BOWNS, FOR COMUNIS, POLICIA FOR POLI
- 29. ALL DITCH EXCAVATIONS SHALL BE PERFORMED IN FULL COMPLIANCE WITH THE PROVISIONS OF THE TRENCH SAFETY ACT.
- ALL EXCESS MATERIAL. AS DESIGNATED BY THE ENGINEER. IS TO BE DISPOSED BY THE CONTRACTOR IN AREAS PROVIDED # WITHIN 72 HOURS OF BEING DEPOSITED IN THE CONSTRUCTION AREA AND AT THE CONTRACTOR'S EXPENSE.
- 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 HAWNOR BEEN DISPOSED OF SATIFFACTORILY.
- ANY KNOWN OR SUSPECTED HAZARDOUS MATERIAL FOUND ON THE PROJECT BY THE CONTRACTOR SHALL BE IMMEDIATELY REPORTED TO THE PROJECT DISINEER, WHO SHALL DIRECT THE CONTRACTOR TO PROTECT THE AREA OF KNOWN OR SUSPECTED CONTRAINATION FROM UNITHER ACCESS. THE ENGINEER WILL ARRANGE OF INVESTIGATION, DENTIFICATION, AND REMEDIATION OF THE HAZARDOUS MATERIAL. THE CONTRACTOR SHALL NOT RETURN TO THE AREA OF CONTAINNATION WITH ADDRESS OF THE PROJECT OF THE AREA OF CONTAINNATION. UNTIL APPROVAL IS PROVIDED BY THE PROJECT ENGINEER.
- EXISTING ABOVE GROUND FEATURES ARE SHOWN ACCORDING TO THE BEST AVAILABLE DATA AND MAY NOT ACCURATELY REFLECT PRESENT CONTINUONS. CONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING HIMSELF WITH CURRENT SITE CONDITIONS, AND SHALL REPORT DISCREPANCES TO THE ENGINEER FRORT OT STRATING WORK.
- 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 TEMPORARY DAMAGED. EXPOSED OR IN ANY WAY DISTURBED BY CONSTRUCTION PERFORMED UNIDER THIS CONTRACT, SHALL BE REPAIRED, PATCHED OR REPLACED AT NO ADDITIONAL COST TO THE OWNER.
- CONTRACTOR TO RELOCATE TREES AS DIRECTED BY THE ENGINEER. CONTRACTOR SHALL AVOID DAMAGE TO ANY EXISTING TREES TO REDAIN. EXISTING TREES SHALL BE REMOVED ONLY IF REQUIRED FOR CONSTRUCTION. THOSE TREES NOT INTERFERRING WITH CONSTRUCTION SHALL BE PROTECTED IN PLACE.
- 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 CONTRACTOR SHALL PREPARE AND SUBMIT SHOP DRAWINGS FOR ALL ITEMS USED IN THIS PROJECT.
- 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.
- 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 LIMES AND STRUCTURES SHALL BE CLEANED PRIOR TO FINAL INSPECTION AND ACCEPTANCE.
- CAST IRON PRODUCTS: HEAVY-DUTY CLASSIFICATION SUITABLE FOR HIGHWAY TRAFFIC LOADS OR 16,000 LBS WHEEL LOADS.
- STEEL GRATING AND COVERS: TRAFFIC CLASSIFICATION H-20: 16,000 LBS OVER 8"X20" AREA.
- EXISTING DRAINAGE STRUCTURES WITHIN THE LIMITS OF CONSTRUCTION SHALL NOT BE REMOVED UNLESS OTHERWISE NOTED.
- 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.
- PRIOR TO CONSTRUCTION THE CONTRACTOR WILL INSPECT ALL EXISTING STRUCTURES WHICH ARE TO REMAIN AND NOTIFY THE ENGINEER OF ANY OBVIOUS STRUCTURAL DEFICIENCIES.
- CONTRACTOR SHALL ADJUST ALL EXISTING CATCH BASINS, GRATES, AND STORM MANHOLE COVERS TO MEET NEW GRADES WHERE APPLICABLE.
- ELEVATIONS AND OFFSETS SHOWN AT DRAINAGE STRUCTURES REFER TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED. 46.
- 47. RADII ON CURB RETURNS ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- PRIOR TO CONSTRUCTION THE CONTRACTOR WILL VERIFY INVERT ELEVATIONS OF ALL PIPES WHICH ARE TO REMAIN AND NOTIFY THE ENGINEER OF ANY ELEVATION DEWATIONS.
- 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.
- 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
- 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 UNFORM TRAFFIC CONTROL DEVICES, AND THE FOOT DESIGN STANDARDS.

WI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WO OLD CUTLER RD. ROUNDABOUTS AT SW 152 ST & SW 184 ST

- 52. WHERE NEW PAVEMENT MEETS EXISTING, CONNECTION SHALL BE MADE IN A NEAT STRAIGHT LINE AND FLUSH WITH THE
- THE LOCATION OF SOME DRIVEWAYS IS APPROXIMATE. VERIFICATION OF EXACT LOCATION AND DIMENSIONS IS RECOMMENDED.
- EXISTING DRIVEWAYS WITHIN THE LIMITS OF THIS PROJECT ARE TO BE REPLACED AT THE SAME LOCATION AND WIDTH. UNLESS OTHERWISE SHOWN IN PLANS.
- WHERE CONNECTIONS TO EXISTING SIDEMULES AND DRIVEWING ARE NOT INDICATED ON PLANS, PROPER CONNECTIONS ARE TO BE MADE AS DIRECTED BY THE DIVONEES. DROP CURB AND DRIVEWAY CONNECTIONS SHALL BE PROVIDED FOR ACCESS TO ALL PROVATE PROPERTIES ADJACENT TO THE PROJECT. PAYMENT SHALL BE INCLUDED IN THE COST OF RELATED BID
- CONTRACTOR TO INSTALL 1/2" PREFORMED EXPANSION JOINT WHEN PROPOSED SIDEWALK IMPROVEMENTS IS IMMEDIATELY ADJACENT TO EXISTING CONCRETE SLAB AND/OR BUILDING.
- THE SIDEWALK AT DRIVEWAY TURNOUTS SHALL BE 6" CONCRETE
- ALL BUS STOP SIGNS TO BE FURNISHED BY MIAMI-DADE TRANSIT. ENGINEER TO CONTACT MIAMI-DADE COUNTY TRANSIT AT (305)637-3753 ONE (1) WEEK PRIOR TO POURING SIDEWALKS AND COORDINATE THE REMOVAL AND REPLACEMENT OF
- COMPLETE AS-BUILT INFORMATION RELATIVE TO LOCATION AND DEPTH OF PIPES, MANHOLES, ETC. SHALL BE ACCURATELY RECORDED BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER PRIOR TO FINAL ACCEPTANCE OF THE MORK. ALL ELEVATIONS SHALL BET AREN BY A FLORIDA REGISTERED SURVEYOR AND SHOWN ON THE RECORD DRAIMINS.
- 60. DESIGN WATER TABLE ELEVATION: 7.0 FT (NGVD)
- 61. MIAMI-DADE COUNTY FLOOD CRITERIA ELEVATION:

OLD CUTLER & SW 152 ST; MIN ELEV. 11.0 FT (NAVD 88) OLD CUTLER & SW 184 ST; MIN ELEV. 10.0 FT (NAVD 88)

- THE INFORMATION PROVIDED IN THESE DRAWINGS IS SOLELY TO ASSIST THE CONTRACTOR IN ASSESSING THE NATURE AND EXTENT OF CONDITIONS WHICH WILL BE ENCOUNTERED BURINGS THE CONTRACTORS ARE DIRECTED, PRIOR TO BEDIENO, TO CONDUCT WHATEVER INVESTIGATIONS HERY DEEM RECESSARY TO ARRIVE AT HERE OWN CONDUCTION. REGARDING THE ACTUAL CONDITIONS THAT WILL BE ENCOUNTERED, AND UPON WHICH BIDS WILL BE BASED
- SHOP DRAWINGS FOR SIGNAL EQUIPMENT AND MAST-ARMS ARE TO BE DELIVERED TO TRAFFIC SIGNALS AND SIGN DIVISION LOCATED AT 7100 NW 36 ST MIAMA, FL 33166 TO THE ATTENTION OF OSCAR RUBIO IN ORDER TO ASSURE EQUIPMENT MEETS THE MOC STANDARDS.

DATE BY DATE BY DESCRIPTION DESCRIPTION

MARLIN AYCEL ABIN FREDA | P.E. No.: 77550 3363 W. COMMERCIAL Blvd, Ste. 115 | FT Lauderdale, FL 33309 P: 954,870,5070 | CA. No. 6104

NAME DATE NAME R.L

MIAMI-DADE COUNTY

DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS HIGHWAY DIVISION

GENERAL NOTES

102-1A

MAINTENANCE OF TRAFFIC

DATE	BY	DESCRIPTION	N	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
	DATE	DATE BY	DATE BY DESCRIPTIO	DATE BY DESCRIPTION	DATE BY DESCRIPTION DATE				

104-10-3	SEDIMENT BARRIE	:K							LF		4233	4414
104-18	INLET PROTECTIO	N SYSTEM							EA		2	13
10-1-1B	CLEARING AND GR	RUBBING							L.S./AC		1/3.36	1/3.19
110-4-10	REMOVAL OF EXIS	TING CONCRE	ETE						SY		765	639
110-7-1B	RELOCATE MAILBO	OX							EA		2	1
120-1	REGULAR EXCAVA	ITION							CY		4687.1	5419.6
120-2-2	BORROW EXCAVA	TION							CY		346.3	392.9
160-4	TYPE B STABILIZA	TION (12" THIC	K) (MIN. C	CBR 30)	1)				SY		9939	11698
200-1-3	LIMEROCK BASE (t* THICK, PRIM	(ED)						SY		1156	645
200-1-10	LIMEROCK BASE (B* THICK PRIME	ED)						SY		9777	12223
286-1	TURNOUT CONSTI	RUCTION							SY		289	50
327-70-01	MILLING EXISTING	ASPHALT (1")	AVG. DEP	TH)					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, S	P-12.5						TN		977.7	1222.3
337-8-42	HOT MIX ASPHALT	FRICTION COI	URSE, TR.	AFFIC	C, FC-9.5, PG 76	-22			TN		602.8	680.8
350-30-13	CONCRETE PAVE	MENT FOR ROL	UNDABOU	JT APR	RON, 12" DEPTH				SY		320.0	320.0
100-1-15	CLASS I CONCRET	E (MICELLANE	EOUS) (CO	OLLARS	S, PIPE PLUGS, S	TRUCTURE PL	.UGS ETC)		CY		5.0	5.0
125-1-331C	INLET CURB TYPE	P-3 < 10"						\neg	EA		1	2
125-1-332	INLET CURB TYPE	P-3 >10'						\neg	EA			1
125-1-341	INLETS (CURB) T	/PE P-4< 10'							EA		4	1
125-1-341A	INLET CURB TYPE	P-4 > 10"							EA			4
125-1-351	INLET CURB (TYPE							_	EA		4	5
125-1-353	INLETS (CURB) (TY	PE P-5) (>10°)						\neg	EA			1
125-1-355	INLET TOP, CURB	TYPE 5) (INCLI	UDES AD.	JUSTM	MENT TO BOX, IF	NECESSARY) (PARTIAL)		EA			2
125-1-361	CURB INLET, TYPE							\neg	EA		2	2
125-1-362A	INLET (CURB TYPE	P-6) (>10')						_	EA		1	4
125-1-442	INLETS (CURB) (TY							_	EA			1
125-1-451B	INLET (CURB) TYPI			_					EA			1
125-1-543	DITCH BOTTOM IN	LET, TYPE D, J	ВОТТОМ	1, <10'					EA		11	1
125-1-903A	INLET CURB TYPE	P-11<10"							EA		1	
125-2-61	MANHOLES, P-8, <	10"							EA		3	3
125-2-62	MANHOLES, P-8, >	10"						_	EA			2
125-5	ADJUST MANHOLE	(THIS ITEM IS	CONTING	GENT U	UPON FIELD COM	IDITIONS AND	MAY BE INCREASED	_	FA			1
125-5-1	DECREASED OR E ADJUST MANHOLE					All Vi						
125-6	ADJUST MANHOLE ADJUST EXISTING							_	EA EA		9	12
130-175-118	PIPE CULVERT OP							\rightarrow	LF		1548	1860
143-70-4-3	FRENCH DRAIN (24					PTH 15 FT, RI S	n	_	IF.		754	387
120-1-7(1)	CONCRETE MEDIA						,		LF.		862	1505
520-1-10B	CONCRETE CURB							_	IF.		3327	3573
520-2-2	CONCRETE CURB		=./					_	LF		61	281
520-2-8A	CONCRETE CURB		(TYPE PA)				_	IF.		242	242
520-2-12	CONCRETE CURB		=					_	LF		145	145
			3000 PSI	CONC	RETE AT 28 DAY	'S (INCLUDES 1	THE COST OF PEDES	TRIAN				
522-1(1)	RAMPS AND SIDEV	VALK CURBS)				.,	20. 2 2000		SY		720	275
522-2(1)	CONCRETE SIDEW	ALK (6" THICK	() (INCLUE	DES DR	RIVEWAYS)				SY		570	616
527-2	DETECTABLE WAR	ININGS							SF		329	417
570-1-2	PERFORMANCE TO	JRF, SOD							SY		5261	3904
580-3	TREE PROTECTION	N BARRICADES	s						LF		1160	1160
580-322-2A	TREE REMOVAL A	ND DISPOSAL ((6° TO 12°	D(A.)					EA		13	24
580-322-4A	TREE REMOVAL A	ND DISPOSAL ((12° TO 24	4" D(A.))				EA		34	26
580-322-5A	TREE REMOVAL A	ND DISPOSAL ((24° to 36°	Dia.)					EA		2	1
			_	R E	EVISIO	N S				_		
DESCRIPTIO	N	DATE	BY	F	DI	ESCRIPTION		DATE	BY		DESCRIPTION	
DEGOTIN TO				T								

SUMMARY OF QUANTITIES - OLD CUTLER ROAD

PAY ITEM NOTES

- PAYLIEM MULES

 102-1 TO BE ACCOMPLISHED IN ACCORDANCE WITH THE FLORIDA DEPARTMENT OF TRANSPORTATION INDEX 102 SERIES,
 THE MANUAL OF UNFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION (AND ID 8 1-1978), PUBLIC WORKS MANUAL OF METROPOLITAN DATE COUNTY, AND THE LATEST REVISIONS OF THE AFORE MENTIONED MANUALS. INCLUDES THE COST OF FURNISHING, INSTALLING, MANTANING, AND REMOVING ALL ITEMS OF MAINTENANCE OF TRAFFOR FOR THE ADDRESS PERVARENT ITEMS INCLUDING BUT NOT LIMITED TO SIGNE, BANGGLOES, FLASHING LIGHTS, TEMPORARY PAYEMENT, TEMPOR
- 110-1-1 INCLUDES REMOVAL OF EXISTING PAVEMENT, CONCRETE SIDEWALK, DRIVEWAYS, CURB AND GUTTER, EXISTING STORM SEMERS (DRAINAGE STRUCTURES, PIPES, FRENCH DRAIN AND/OR SLAB COVERED TRENCHES, COST OF REMOVAL DISPOSAL, BACKFULMS AND OCCURED, SAND LOUSPOAL, BACKFULMS AND OCCRETE, VECETATION, 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.
- 1 THESE ARE ESTIMATED QUANTITIES AND MAY BE INCREASED OF DECREASED BY THE ENGINEER, 443—70—4 INCREASED BY THE ENGINEER, 443—70—4 INCREASED BY THE ENGINEER, 443—70—4 INCREASED BY THE ENGINEER AND BACKFLUING WITH SELECT FILL (SEE PETILA OF ENFIRMING DRAIN TO DETERMINE MON-PERFORMED 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 EARTHW	ORK	
ITEM	QUANTIT	Υ
REGULAR EXCAVATION	10106.7	C.Y.
SUBSOIL EXCAVATION		C.Y.
FILL	739.2	C.Y.
EMBANKMENT (SUBSOIL EXCAVATION) + FILL	739.2	C.Y.

- 1. SUMMARY OF EARTHWORK IS BASED ON THE CONSTRUCTION OF LIMEROCK BASE 8" & 4" THICK AS INDICATED ON THE CROSS SECTIONS.

 2. ANY EXCAVATED MATERIAL, IF UNSUITABLE, SHALL NOT BE USED IN THE CONSTRUCTION OF THE EMBANGUENT.

 3. EXCESS MATERIAL TO BE DISPOSED OF BY THE CONTRICTOR IN AREAS PROVIDED BY HIM. NO SEPARATE PARMENT WILL BE MADE FOR THIS ITEM BIG 10; OF UNIVERSITY OF THE STATE WHICH INCLUDES THE EXPLINATION DRAIN AND IS NOT INCLUDED IN THE SUMMARY OF PARTHWORK QUANTIES. THIS MATERIAL IS TO BE DISPOSED OF IN LEGAL AREAS AS PROVIDED BY THE CONTRICTOR.

DESIGNED BY CHECKED BY	NAME R.L A.F.	DATE	DRAWN BY CHECKED BY	NAME M.P. A.F.	DATE	DEPARTMENT OF TRANSPORTA AND PUBLIC WORKS HIGHWAY DIVISION SHAPPY DIVISION	JON
Supervised B	Y:					COUNTY 111 NW 1 ST WAMI, PLOREDA 33128	

E N G I N E E R I N G AYCEL ABIN FREDA | P.E. No.: 77550 3363 W. COMMERCIAL Blvd, Ste. 115 | FT Lauderdele, FL 33309 P: 954.870.5070 | C.A. No. 8104

NARRATIVE DESCRIPTION

THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) NARRATIVE DESCRIPTION CONTAINS REFERENCES TO THE CONTROCT DOCUMENTS, THE STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEWER MANUAL (EASC MANUAL). THE POOT DESIGN STANDARDS, AND OTHER SHEETS OF THESE CONSTRUCTION PLANS. THE COMPLETE SWPPP IS COMPRISED OF SEVERAL ITEMS INCLUDING: THIS MARRATIVE DESCRIPTION, THE DOCUMENTS REFERENCED IN THIS IMPRITUE, THE CONTRACTOR'S APPROVIDE BROSON CONTROL, PLAN (ECP) PERPARED AND SUBMITTED IN ACCORDANCE WITH CONTRACT DOLUBERTS, AND REPORTS OF RESPECTIONS MADE DURING CONSTRUCTION, ALL OF WHICH ARE COMPLEMENTARY TO THE SIGNED AND CERTIFIED SWIPP IF ONE IS PROVIDED BY THE DEPARTMENT, CONTRACTOR IS REQUIRED TO MANTAN OCIPIES OF THE AFOREMENTOMED FIRMS ON SITE, INCLUDING ALL APPLICABLE PERMITS.

A. NATURE OF CONSTRUCTION ACTIVITIES:

- THIS PROJECT CONSIST OF TWO (2) INTERSECTION UNPROVINENTS ALONG OLD CUTLER ROUD AT SW. 1520D AND SW. 184TH STREETS. THE SOPPOF OF WORN KOLUCIES THE CONVENSION OF EXISTING SIGNALIZED INTERSECTIONS. TO REPOSED MULTILAW ROUNDABOUTS, LOCALIZED ROUPINAY WIDERS, MILLING AND RESURFACING, SIDEWALKS CONNECTIONS WITH CURB & GUTTER, LIGHTING UFGROBLES, AND A PROPOSED FRENCH DEANN DRAINAGE SYSTEM.
- DISTINGUISTINGUISTANCE AND A PROPOSED FREIGHT LOWER DEVINING STRAIL PROVIDE IN THE ECP A DETAILED SEQUENCE OF CONSTRUCTION FOR ALL CONSTRUCTION ACTIVITIES, EACH CONSTRUCTION PHASE REQUIRES THE INSTALLATION OF PERMETER CONTROL, AFTER CLEARING AND GRUBBING AS RECESSARY FOR THE INSTALLATION OF PRICE OF THE CONTROLS, PROOF TO BEGINNING AN WORK. THE CONTRACTOR SHALL FOLLOW THE SEQUENCE OF MAJOR ACTIVITIES BELOW, UNLESS THE CONTRACTOR PROPOSES A DIFFERENT SEQUENCE THAT IS EQUAL OR BETTER AT CONTROLLING RECISION AND TRAPPING SEDIMENT AND IS APPROVED.
- CLEARING AND GRUBBING, AND EARTHWORK.
- GRADING SLOPES AND LANDSCAPING WHERE NECESSARY.
- REMOVAL OF EXISTING PAVEMENT.

 DRAINAGE STRUCTURE CONSTRUCTION
- 5. ROADWAY CONSTRUCTION
- C. AREA ESTIMATES (ACRE)

- OLD CUTLER RD & SW 152 ST 1) TOTAL SITE AREA: 3,20
- 2) TOTAL AREA OF THE SITE THAT IS EXPECTED TO BE DISTURBED: 3.20
- OLD CUTLER RD & SW 184 ST
- 2) TOTAL AREA OF THE SITE THAT IS EXPECTED TO BE DISTURBED: 3.03
- D. EXISTING DATA DESCRIBING THE SOIL OR THE QUALITY OF ANY DISCHARGE FROM THE SITE AND AN ESTIMATE OF THE SIZE OF THE DRAINAGE AREA FOR EACH DISCHARGE POINT.
- 1) RATIONAL RUNOFF COEFFICIENT
- A) BEFORE: 0.58 (SW 152ST); 0.64 (SW 184ST)
- B) DURING: VARIES FROM 0.58 TO 0.67 (SW 152ST); VARIES FROM 0.64 TO 0.67 (SW 184ST)
 C) AFTER CONSTRUCTION: 0.67 (SW 152ST); 0.67 (SW 184ST)
- 2) EXISTING DATA DESCRIBING THE SOIL OR THE QUALITY OF DISCHARGE FROM THE SITE: ACCORDING TO THE UNITED STATES DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE SOIL SURVEY REPORT OF DADE COUNTY AREA, FLORIDA, THE SOILS ENCOUNTERED ON THE PROJECT ARE SILTY SAND WITH THE UNDERLYING SOIL BEING SAND WITH TRACES OF ROCK FRAGMENTS.
- 3) THE SIZE OF THE DRAINAGE AREA FOR EACH OUTFALL
- A) THIS PROJECT HAS NO OUTFALLS.
- 4) THE LOCATION OF EACH OUTFALL IS NOT APPLICABLE TO THIS PROJECT.
- E. SITE MAP: THE ASSOCIATED CONSTRUCTION PLAN SHEETS AND CROSS SECTIONS WILL BE USED AS THE SITE MAP. LOCATIONS OF THE REQUIRED INFORMATION ARE DESCRIBED BELOW. THE SHEET NUMBERS FOR ALL ITEMS DISCUSSED AFE IDENTIFIED ON THE COVER SHEET OF THE CONSTRUCTION PLANS.
- 1) DRAINAGE PATTERNS AND APPROXIMATE SLOPES ANTICIPATED AFTER MAJOR GRADING ACTIVITIES: THE SLOPES OF THE SITE CAN BE SEEN ON THE CONSTRUCTION PLAN SHEETS
- 2) AREAS OF SOIL DISTURBANCE: THE AREAS TO BE DISTURBED ARE INDICATED ON THE CONSTRUCTION PLAN DETAIL SHEETS. ANY AREAS WHERE PERMANENT FEATURES ARE SHOWN TO BE CONSTRUCTED ABOVE OR BELOW GROUND WILL BE DISTURBED.
- 3) AN OUTLINE OF AREAS WHICH MAY NOT BE DISTURBED: THESE AREAS OF THE PROJECT OUTSIDE THE CLEARING AND GRUBBING AND CONSTRUCTION ACTIVITIES WHICH ARE COMPRISED OF THOSE THAT ARE NOT SUBJECT TO ANY SOLD DISTURBING ACTIVITIES.
- 4) THE LOCATION OF MAJOR STRUCTURAL AND NONSTRUCTURAL CONTROLS DESTRIED IN THE PLANTEMPORARY SEDIMENT CONTROL DEVICES SHALL BE INSTILLED AT ALL LOCATIONS WHERE DISTURBANCE OF SOLDE MICROCURR ADDITIONAL MESSURES MAY BE REQUIRED AS NECESSARY WHERE STORMMATER RUNOFF HAS THE POTENTIAL TO REACH SURPRISE WHERES OF OFFSITE STORMMATER COLLECTION FACILITY.
- 5) THE LOCATION OF AREAS WHERE STABILIZATION PRACTICES ARE EXPECTED TO OCCUR, SURFACE WATERS, WEITLANDS AND LOCATIONS WHERE STORMWATER IS DISCHARGED TO A SURFACE WATER OR MG4. AREAS OF PERMANENT STABILIZATION ARE SHOWN ON THE CONSTRUCTION PLAN SHEETS AND CONSTRUCTION DETAIL SHEETS.
- F. DISCHARGE POINT(S): N/A. THIS PROJECT HAS NO OUTFALL
- 2. CONTROLS
 A. ENDORMON SEDMENT CONTROLS: THE CONTRACTOR SHALL DESCRIBE IN THE EOP THE PROPOSED STABLIZATION
 ADDITIONAL PRACTICES. THE CONTRACTOR MAY CHOOSE TO ACCEPT THE FOLLOWING CIDICAINS OR MODITY
 THEM IN THE EOP, SUBJECT TO APPROVAL BY THE CONTROLS AS WORK PROPOSESS. THE CONTRACTOR SHALL
 MODITY THE PLAN TO ADAPT TO SEASONAL VARATION, CHANGES IN CONSTRUCTION ACTIVITIES, AND THE NEED FOR
 BETTER MANNEADERNET PRACTICES. FOR EACH CONSTRUCTION PACE INSTALL PERMETER CONTROLS ATTECHN
 AND GRUBBING RECESSARY FOR INSTALLATION OF CONTROLS BUT BEFORE BEGINNING OTHER WORK FOR THE
 CONSTRUCTION PHASE. REMOVE PERMETER CONTROLS ANT EXTENDED.
 - . FURNISH AND PLACE INLET PROTECTION SYSTEMS TO CONTROL EROSION AND SILTATION.
 - . INSTALL SOIL TRACKING PREVENTION DEVICES (STPDS) AT ALL COMMON AREAS WHERE CONSTRUCTION VEHICLES WILL BE ENTERING AND EXITING THE CONSTRUCTION SITE.
 - SEDIMEN BARRIERS SHALL BE INSTALLED AND AT THE TOE OF SLOPE OF EMBANKMENTS AND AT LOCATIONS AS DESCRIBED IN THE EROSION AND SEDIMENT CONTROL DETAILS AND EASC MANUAL
 - INLET PROTECTION SHALL BE USED FOR ALL EXISTING INLETS SUBJECT TO SEDIMENT RUNOFF

- . EROSION CONTROL MATS MAY BE UTILIZED AS AN EXTRA MEASURE OF PROTECTION FOR EMBANKMENT OR BERM CONSTRUCTION TO PREVENT EROSION
- . CLEARING AND GRUBBING OPERATIONS WILL BE CONTROLLED SO AS TO MINIMIZE UNPROTECTED ERODIBLE AREAS EXPOSED TO WEATHER, AREAS OUTSIDE THE LIMITS OF CONSTRUCTION SHALL NOT BE DISTURBED.
- EXCAVATED MATERIAL SHALL NOT BE DEPOSITED IN LOCATIONS WHERE THE MATERIAL COULD BE WASHED AWAY BY HIGH WATER, RAIN OR STORMWATER RUNOFF. STOCKPILES SHALL BE COVERED OR ENCIRCLED WITH SEDIMENT DEVICES.
- 1) STABILIZATION PRACTICES: IN THE ECP, THE CONTRACTOR SHALL DESCRIBE THE STABILIZATION PRACTICES PROPOSED TO CONTROL EROSION. THE CONTRACTOR SHALL INITIATE ALL STABILIZATION MEASURES AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN 7 DAYS, IN PROTINGS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARLY OR PERMANENTLY CEASED. THE STABILIZATION PRACTICES SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE
- A) TEMPORARY: INCLUDES SOD, MULCH, AND ARTIFICIAL COVERINGS IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- B) PERMANENT: INCLUDES ASPHALT OR CONCRETE SURFACE, SOD, ROADSIDE SWALES, AND ENDWALLS IN ACCORDANCE WITH
- 2) STRUCTURAL PRACTICES: IN THE ECP, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED STRUCTURAL PRACTICES TO CONTROL AND TRAP SEDIMENT AND OTHERWISE PREVENT THE DISCHARGE OF POLILITATIS FROM EXPOSED AREAS OF THE SITE. SEDIMENT CONTROLS SHALL BE IN PLACE BEFORE DISTURBING SOIL UPSTREAM OF THE CONTROL. THE STRUCTURAL PRACTICES SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER.
- A) TEMPORARY: INCLUDES INLET PROTECTION SYSTEMS, SEDIMENT BARRIERS, TURBIDITY BARRIERS AND SOIL TRACKING PREVENTION DEVICES AS PER THE ESSEC MANUAL AND THE CONTRACT DOCUMENTS. SEE EROSION AND SEDIMENT CONTROLS PAUL EE IN PLACE PRIOR TO ANY SOIL DISTURBING ACTIVITY.
- B) PERMANENT: INCLUDES ROADSIDE SWALES.
- B. PERIAMENT STORMMATER MANAGEMENT CONTROLS: STORMMATER RUNOFF WILL BE CONVEYED IN A ROADSIDE SWALE TO THE FRENCH DRAIN AND WILL INFILITRATE INTO THE GROUND, DRAINAGE STRUCTURES WITHIN THE CORRIDOR CONSIST OF CURB INLETS, AND FERSCH DRAIN.
- C. CONTROL FOR OTHER POTENTIAL POLLUTANTS: THE CONTRACTOR SHALL PRACTICE GOOD HOUSEKEEPING BY INSTITUTING A CLEAN, ORDERLY CONSTRUCTION SITE. THE FOLLOWING CONTROLS SHALL BE IMPLEMENTED TO FURTHER REDUCE POLLUTION AT
- WASTE DISPOSAL: IN THE EOP, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED METHODS TO PREVENT THE DISCHARGE OF SULD MATERIALS, INCLUDING BUILDING MATERIALS, TO WAIRES OF THE UNITED STATES. THE PROPOSED METHODS SHALL INCLUDE AT LEAST THE FOLLOWING, UNILESS OTHERMISE APPROVED BY THE ENGINEER:
- A) THE CONTRACTOR SHALL DEMONSTRATE THE PROPER DISPOSAL OF ALL CONSTRUCTION MISTIC GRADATED WITHIN THE PRODUCT LIBRARY, WORTE MAY INCLUDE BUT NOT DE LIMITED TO, VECETATION FROM LEBRING AND STRINES, PACKAGING MATERIALS, SCRAP BUILDING MATERIALS, LITTER FROM TRAVELING PUBLIC, SERVICE FROM SANITARY FACILITIES, HERBRIDES AND PESTICIDES AND THE CONTRAINERS, AND HYDROCARBON PRODUCTS. CONTRAINERS AND HYDROCARBON PRODUCTS. CONTRAINERS AND HYDROCARBON PRODUCTS. CONTRAINERS SHALL THE PROPERTY OF THE PROPE DESIGNATE A WASTE COLLECTION AREA ONSITE AND DELINEATE THE AREA ON THE SWPPP SITE MAP.
- B) SANITARY/SEPTIC FACILITIES SHALL BE PROVIDED AND MAINTAINED IN A NEAT AND SANITARY CONDITION, FOR THE USE OF THE CONTRACTOR'S EMPLOYEES AS NECESSARY TO COMPLY WITH THE REQUIREMENTS AND REGULATIONS OF THE STATE AND LOCAL BOARDS OF HEALTH, A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR AS REQUIRED BY STATE. REGULATIONS WILL COLLECT ALL SANITARY WASTE FROM PORTABLE UNITS.
- C) THE CONTRACTOR WILL PROVIDE LITTER CONTROL AND COLLECTION WITHIN THE PROJECT LIMITS DURING CONSTRUCTION ACTIVITIES. CONTRACTOR WILL PROVIDE AN ARGUNITE NUMBER OF ILITIER CONTAINERS WITH LIDS AT THE STAGING, STOCKPILE AND FIELD OFFICE AREAS (AS APPLICABLE), WASTE COLLECTION WILL BE SCHEDULED SO THAT CONTAINERS ARE EMPITED PROPRO TO OVERSTOW. SPILLED LITTER CONTAINERS WILL BE CLEAVED UP IMMEDIATELY.
- 2) OFF-SITE VEHICLE TRACKING & GENERATION OF DUST: IN THE ECP, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED METHODS FOR MINIMIZING OFFSITE VEHICLE TRACKING OF SEDIMENTS AND GENERATING DUST. THE PROPOSED METHODS SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER.
 - A) STABILIZING CONSTRUCTION ENTRANCES AS NECESSARY ACCORDING TO THE E&SC MANUAL AND THE CONTRACT
- B) THE CONTRACTOR SHALL TAKE MEASURES TO INSURE THE CLEANUP OF SEDIMENTS THAT HAVE BEEN TRACKED BY VEHICLES OR HAVE BEEN TRANSPORTED BY WIND OR STORMWATER ABOUT THE SITE OR ONTO NEARBY ROADWAYS.
- C) REMOVING EXCESS DIRT FROM ROADS DAILY.
- D) USING ROADWAY SWEEPERS DURING DUST GENERATING ACTIVITIES SUCH AS EXCAVATION AND MILLING OPERATIONS.
- E) STABILIZED CONSTRUCTION ENTRANCES AND CONSTRUCTION ROADS, IF APPROPRIATE, SHALL BE IMPLEMENTED IN ORDER
- F) LOADED HAUL TRUCKS SHALL BE COVERED WITH TARPAULIN, EXCESS DIRT ON THE ROAD SHALL BE REMOVED DAILY.
- 3) STATE OR LOCAL REGULATIONS: IN THE ECP, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED PROCEDURES TO COMPLY WITH APPLICABLE STATE AND LOCAL REGULATIONS FOR WASTE DISPOSAL, AND SANITARY SEWER OR SEPTIC SYSTEMS.
- A) THE APPLICATION AND HANDLING OF HERBICIDES AND PESTICIDES SHALL BE IN COMPLIANCE WITH THE MANUFACTURER RECOMMENDED METHOD AND IN ACCORDANCE WITH FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AS MODIFIED BY THE CONTRACT DOCUMENTS.
- B) HERBICIDES AND PESTICIDES SHALL BE STORED ONSITE IN THEIR ORIGINAL CONTAINERS WITH PRODUCT LABEL INTACT.
- 5) TOXIC SUBSTANCES AND MATERIALS
 - A) IN THE ECP, THE CONTRACTOR SHALL PROVIDE A LIST OF TOXIC SUBSTANCES AND MATERIALS THAT ARE LIKELY TO BE USED ON THE JOB AND PROVIDE A PLAN ADDRESSING THE GENERATION, APPLICATION, MIGRATION, STORAGE, AND DISPOSAL OF THESE SUBSTANCES.

MARLIN

- B) CONTRACTOR SHALL PROVIDE EQUIPMENT NECESSARY TO CONTAIN AND CLEAN UP SPILLS OF HAZARDOUS MATERIALS, INCLIDING PETROLEMIN PRODUCTS. SPILLS SHALL BE CONTAINED AND CLEANED UP IMMEDIATELY AFTER THEY OCCUR. SPILLED MATERIAL AND THE EQUIPMENT USED TO CLEAN UP THE SPILL SHALL NOT COME IN CONTACT WITH SURFACE WATERS OR BE INTRODUCED INTO STORMINITER DISPOSAL OF SURFLUS PRODUCT WILL BE DONE ACCORDING TO MANUFACTURER RECOMMENDED METHOD.
- C) CONTRACTOR SHALL PROVIDE A PROJECT SPECIFIC HAZARDOUS MATERIALS SPILL CONTROL PLAN IN ORDER TO ADDRESS THE HANDLING OF HYDROCARBON AND HAZARDOUS MATERIALS.
- D) PETROLEUM PRODUCTS SHALL BE STORED IN COVERED AREAS WITH SECONDARY CONTAINMENT SURROUNDING CONTAINER.
- E) TOXIC/HAZARDOUS MATERIALS EXPOSED DURING CONSTRUCTION ACTIVITIES SHALL BE HANDLED PER THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AS MODIFIED BY THE CONTRACT DOCUMENTS.
- D. APPROVED STATE AND LOCAL PLANS AND PERMITS
- 1) FDEP GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES.
- 3. MAINTENANCE: IN THE ECP, THE CONTRACTOR SHALL PROVIDE A PLAN FOR MAINTAINING ALL EROSION AND SEDIMENT CONTROLS THROUGHOUT CONSTRUCTION. THE MAINTENANCE PLAN SHALL AT A MINIMUM, COMPLY WITH THE FOLLOWING:
- A. SEDIMENT BARRIERS-TWELVE (12) MONTHS, OR AS REQUIRED, REPLACEMENT INTERVAL IN ACCORDANCE WITH CONTRACT'S
- C. INLET PROTECTION SYSTEMS AT INLETS-CHECK AFTER RAINFALL EVENTS. CLEAN IF CLOGGING OCCURS.
- D. THE MAINTENANCE OF THESE DEVICES SHALL OCCUR UNTIL THE ENGINEER HAS DEEMED AN AREA PERMANENTLY STABILIZED. IT WILL BE THE RESONSIBILITY OF THE CONTRACTOR TO REMOVE EROSION AND SEDIMENT CONTROL DEVICES ONCE THEY HAVE SERVED THEIR PURPOSE.

4. INSPECTION

- A. THE CONTRACTOR SHALL BE REQUIRED TO CONDUCT DAILY VISUAL INSPECTIONS OF ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES ALONG THE PROJECT CORRIDOR. THE CONTRACTOR SHALL MAINTAIN, REPAIR AND/OR REPLACE THESE
- R THE ENGINEER SHALL HAVE AN INSPECTOR REVIEW THE PROJECT'S TEMPORARY AND PERMANENT EROSION CONTROL MEASURES. HE ROMEREY SYNLE HAVE AN INSPECTION REVIEW HE PROJECTS INDIVIDUAL PROMORED EXPOSIT CONTINUE MINISTRUCTURE.

 FOR THE ITEMS LISTED BELOW AT ILAST KONCE EVERY SEVEN (7) CALLENDAR DAYS AND/OR WHITH 24 HOURS OF THE END
 OF A STORM THAT IS SO KONCES OR REATER. A WRITTEN INSPECTION REPORT (FORM ATTACHED) IS REQUIRED EVERY SEVEN
 CALENDAR DAYS OR WITHIN 24 HOURS OF THE END OF A STORM THAT DEPOSITS OS. NOVES OF RAIN OR REAETER.
- 1) OUTFALLS INTO THE WATERS OF THE UNITED STATES
- 2) POINTS OF DISCHARGE TO MUNICIPAL SEPARATED STORM SEWER SYSTEMS
- 3) DISTURBED AREAS OF THE SITE THAT HAVE NOT BEEN STABILIZED
- 4) AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION
- 5) STRUCTURAL CONTROLS
- 7) LOCATIONS WHERE VEHICLES ENTER OR EXIT THIS SITE
- 8) CHECK THAT THE APPROVED OR REVISED EROSION CONTROL PLAN IS FOLLOWED
- 9) WHERE SITES HAVE BEEN STABILIZED, INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY MONTH.
- C. THE CONTRACTOR SHALL INITIATE REPAIRS WITHIN 24 HOURS OF INSPECTIONS THAT INDICATE ITEMS ARE NOT IN GOOD
- D. IF INSPECTIONS INDICATE THAT THE INSTALLED STABILIZATION AND STRUCTURAL PRACTICES ARE NOT SUFFICIENT TO MINIMIZE EROSION, RETAIN SEDMENT, AND PREVENT DISCHARGING POLLUTANTS, THE CONTRACTOR SHALL PROVIDE ADDITIONAL MEASURES, AS APPROVED BY THE ENGINEER.

- A. IN THE ECP., THE CONTRACTOR SHALL IDENTIFY ALL ANTICIPATED NON-STORMWATER DISCHARGES (EXCEPT FLOWS FROM FIRE FIGHTING ACTIVITIES). THE CONTRACTOR SHALL DESCRIBE THE PROPOSED MEASURES TO PREVENT POLLUTION FROM THESE NON-STORMWATER DISCHARGES.
- B. IF CONTAMINATED SOIL OR GROUNDWATER IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR IS TO CEASE OPERATIONS IN THAT AREA. THE CONTRACTOR SHALL CONTACT THE MIAMI-DADE COUNTY REGULATORY AND ECONOMIC RESOURCES COMPLIANCE DESK, AT (305) 372-6955.

A. FOR EACH MEASURE IDENTIFIED IN THE SWPPP, THE CONTRACTOR AND/OR SUBCONTRACTOR(S) THAT WILL IMPLEMENT THE MEASURE MUST SIGN A COPY OF THE CERTIFICATION STATEMENT, PROVIDED IN APPENDIX A OF THE SWPPP, PRIOR TO CONDUCTION ANY CONSTRUCTION ACTIVITIES AT THE SITE.

DESCRIPTION DATE BY

DATE BY AYCEL ABIN FREDA | P.E. No.: 77550 3363 W. COMMERCIAL Blvd, Ste. 115 | FT Lauderdale, FL 33309 P: 954,870,5070 | CA. No. 6104

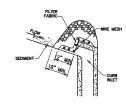


NAME

MIAMI-DADE COUNTY

AND PUBLIC WORKS HIGHWAY DIVISION

STORM WATER POLLUTION PREVENTION PLAN



DROP INLET PROTECTION-GRAVEL

CURB INLET PROTECTION-GRAVEL

GRAVEL APPLICATIONS (TYP.) OR APPROVED ALTERNÀTIVE

NOTES FOR INLET PROTECTION GRAVEL:

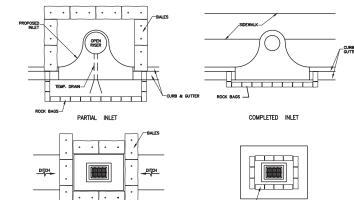
- 1- INSTALLATION/APPLICATION CRITERIA:

- PLACE WIRE MESH (WITH ½ 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 NORIES IN DEPTH.
 REPLACE FILLER FABRIC AND CLEAN OR REPLACE GROVEL IF CLOSGING IS APPARENT.

- 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

SWALE INLET

NOTES FOR SYNTHETIC BALES OR BALE TYPE BARRIERS:

DITCH BOTTOM INLET

- 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) 15/2" (or 1" dig.) x 4" WOOD STAKES. STAKES OF OTHER MATERIAL OR SHAPE PROVIDING EQUINALENT STREAMTH MAY BE USED IF APPROVED BY THE BINGINEER. STAKES OTHER THAN WOOD SHALL BE REMOVED UPON COMPLETION OF THE PROVECT.
- 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

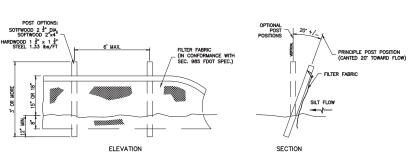
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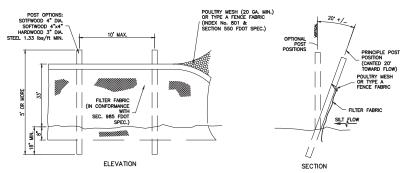
MARLIN E N G I N E F E N G I N E E R I N G AYCEL ABIN FREDA | P.E. No.: 77550 3363 W. COMMERCIAL BHA, Ste. 115 | FT Lauderdele, FL 33309 P: 954.870.5070 | C.A. No. 8104

	NAME	DATE		NAME	DATE	Γ
DESIGNED BY	R.L		DRAWN BY	M.P.		١.
CHECKED	AF.		CHECKED	AF.		1

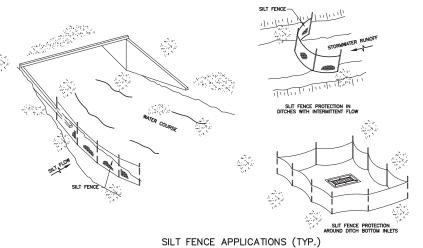
DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS HIGHWAY DIVISION MIAMI-DADE COUNTY

INLET PROTECTION SYSTEMS DETAIL

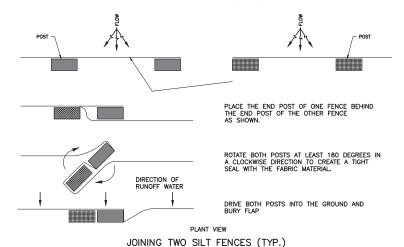




TYPE III SILT FENCE (TYP.)







NOTES FOR SILT FENCES:

- 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 INGHIT 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

8 I				REVISIONS						NAME	DATE	NAME	DATE	DEPARTMENT OF TRANSPORTATION	ON I
8	DATE BY	DESCRIPTION DA	ATE BY	DESCRIPTION	DATE	BY	DESCRIPTION	initialization	DESIGNED		DRAWN	10.002	-	AND PUBLIC WORKS	
8						\neg		ENGINEERING	BY	KIL	BY	M.P.		MIAMI-DADE HIGHWAY DIVISION	SEDIMENT BARRIERS DETAIL
23								AYCEL ABIN FREDA P.E. No.: 77550	CHECKED	AF.	CHECKED	AF.	1		OLDINILITY DANNILITY DELIVE
۶.								3363 W. COMMERCIAL Blvd, Ste. 115 FT Lauderdale, FL 33309	cilibranco a					COUNTY STEPHEN P. CLARK CONTER	

MAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WOR

OLD CUTLER RD. ROUNDABOUTS AT SW 152 ST & SW 184 ST

PROJECT NO. 20200119 SHEET 8 OF 183





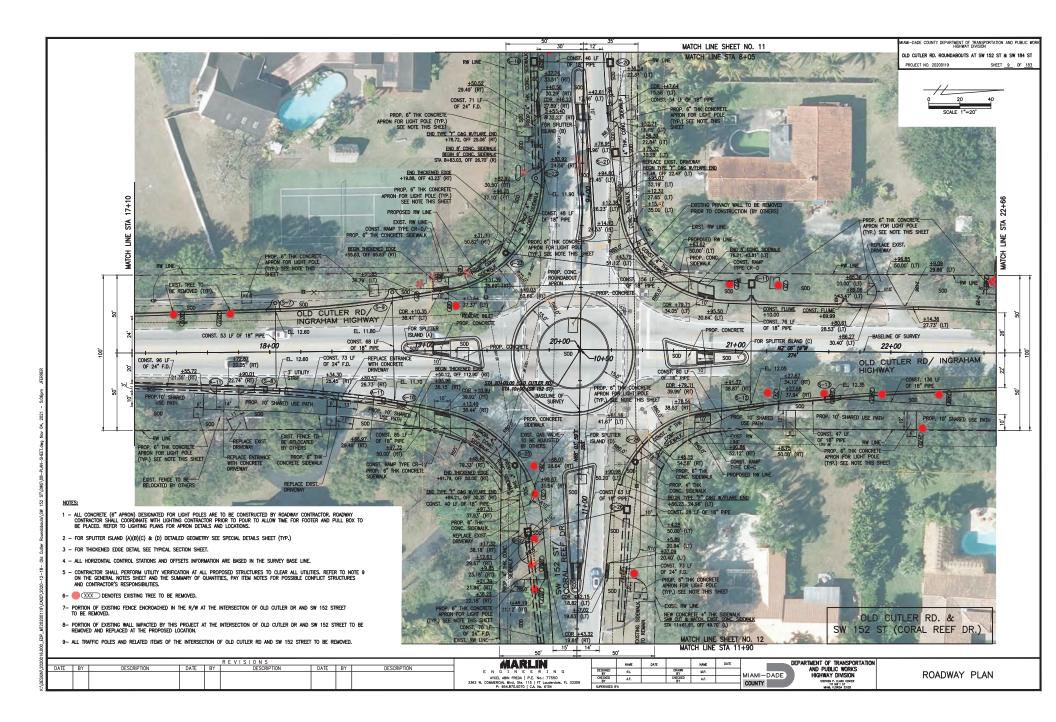
NOTES:

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.)

50				R E	VISIONS				MARLIN		NAME	DATE		NAME	DATE	DE	PARTMENT OF TRANSPORTATION	
8	DATE	BY DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	NAME OF TAXABLE PARTY.	DESIGNED	NAME.	DATE	COLUM	re-sec.	-	-	AND PUBLIC WORKS	
8									ENGINEERING	BY	RL		BY	M.P.		MIAMI-DADE	HIGHWAY DIVISION	ROADWAY PLAN
8						1			AYCEL ABIN FREDA P.E. No.: 77550	CHECKED	A.F.		CHECKED	A.F.				NO/IDM/NI I DIN
9						1			3363 W. COMMERCIAL Blvd, Ste. 115 FT Lauderdole, FL 33309 P: 954.670.5070 C.A. No. 6104	SUPERWISED						COUNTY	STEPHEN P. CLARK CENTER 111 NW 1 ST MAN. FLORIDA X1128	



MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORK
HIGHWAY DIVISION
OLD CUTLER RD. ROUNDABOUTS AT SW 152 ST & SW 184 ST
PROJECT NO. 2020019
SHEET 10 OF 183

0 20 40 SCALE 1"=20"



NOTES:

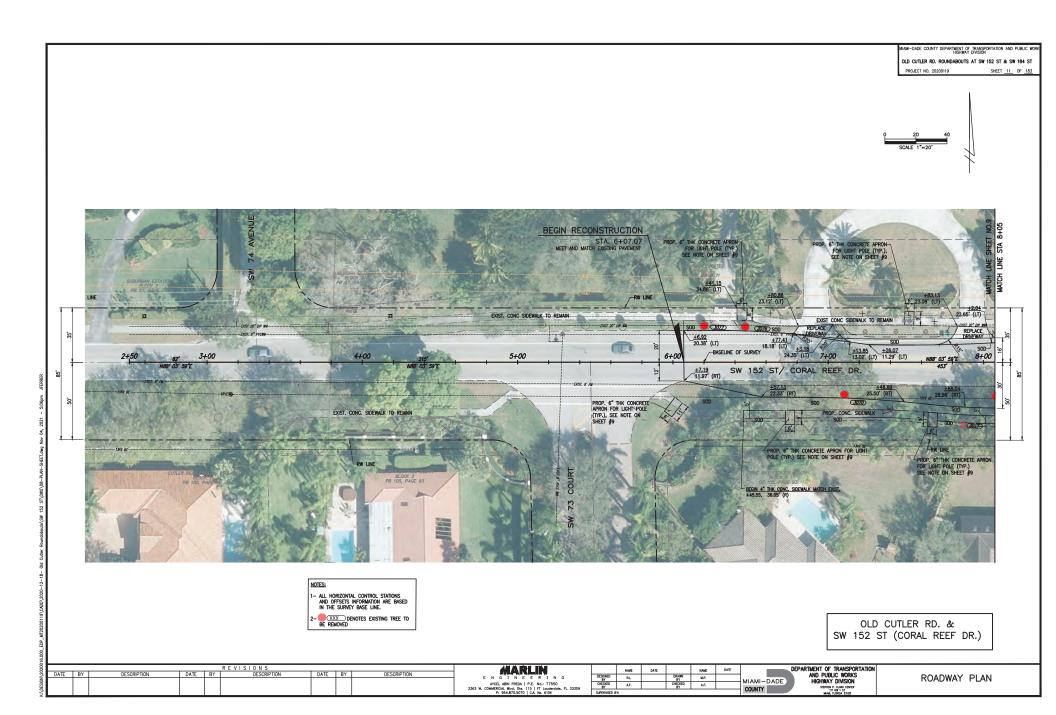
ALL HORIZONTAL CONTROL STATIONS
 AND OFFSETS INFORMATION ARE BASED
 IN THE SURVEY BASE LINE.

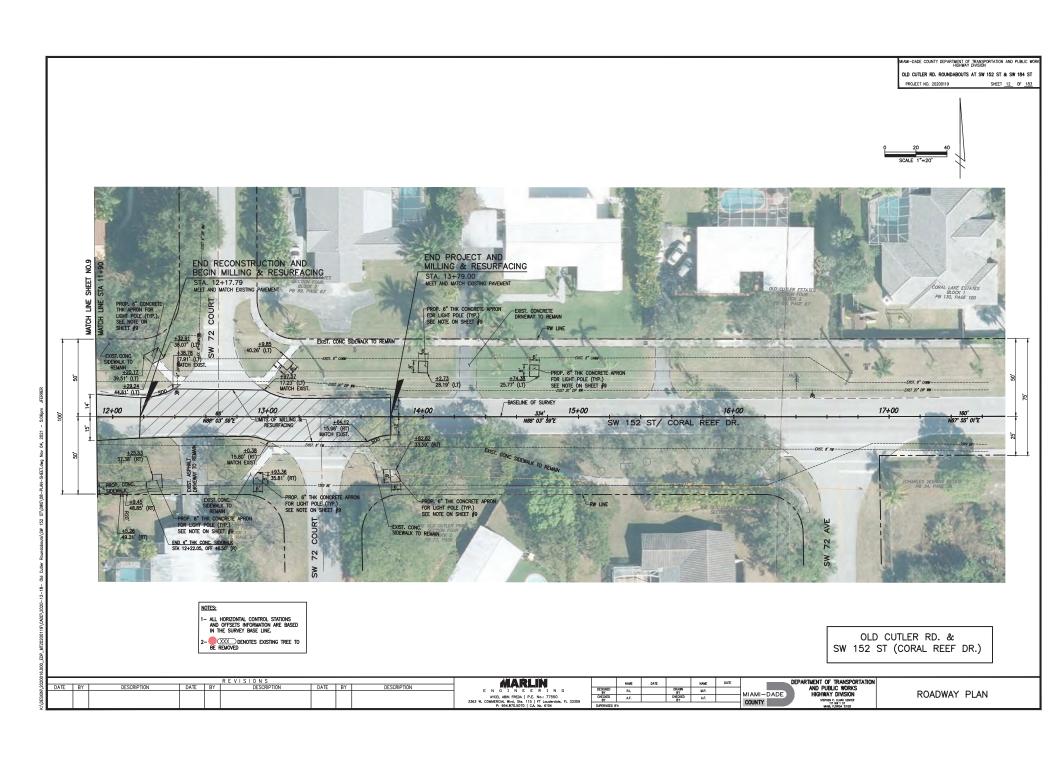
2- XXX DENOTES EXISTING TREE TO BE REMOVED

				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.)

24	4					KENISIUNS				MARLIN	1	NAME	DATE		NAME	DATE	DEPARTMENT OF TRANSPORTATION	
~ ~	DATE	DV	DESCRIPTION	DATE	DV	DESCRIPTION	DATE	DV	DESCRIPTION			THE COLUMN	BYTTE.		14-ML		AND PUBLIC WORKS	
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S	4	- 1			1		1	1		AYCEL ABIN FREDA P.E. No.: 77550	CHECKED	A.F.		CHECKED	A.F.			TOO DIVIT I DIV
	4									3363 W. COMMERCIAL Blvd. Sie. 115 FT Lauderdole. FL 33309	BY			87	100.0		COUNTY STEPHEN P. CLARK CENTER 111 HW 1 ST	
- 2	4	- 1			1		1	1		P: 954,870,5070 CA, No. 6104	SUPERVISED E	m.					MAM, RORDA 33128	
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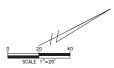




MAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC MOR HIGHWAY DIVISION

OLD CUTLER RD. ROUNDABOUTS AT SW 152 ST & SW 184 ST
PROJECT NO. 20200119

SHEET 13. OF 183





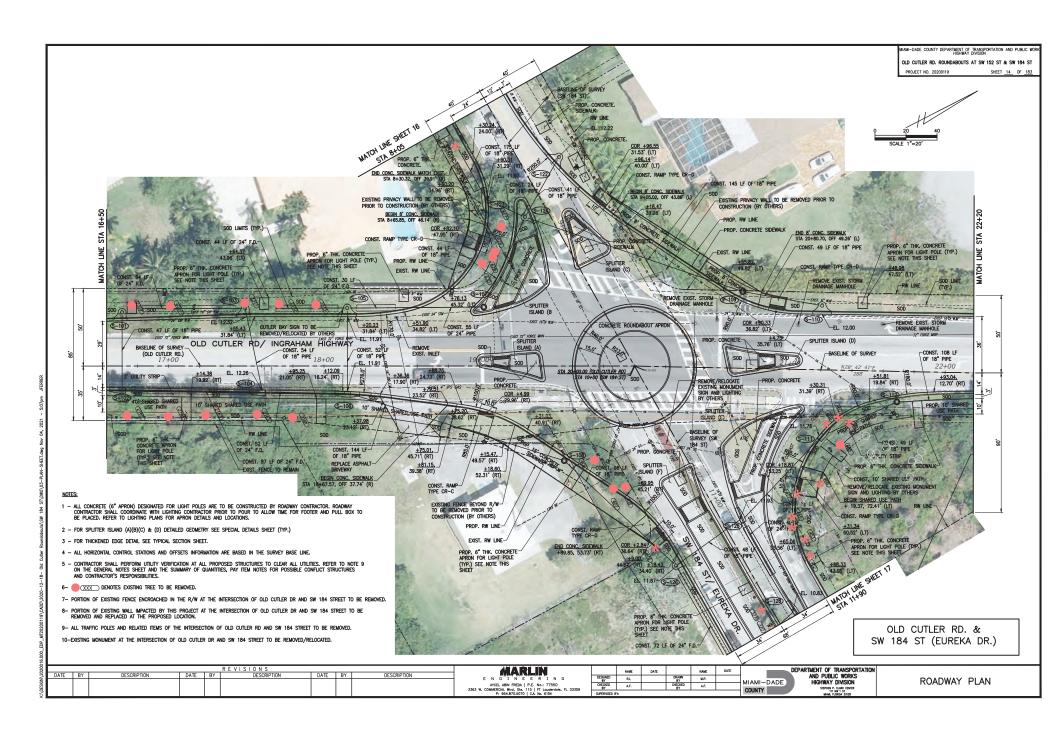
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ALL HORIZONTAL CONTROL STATIONS
 AND OFFSETS INFORMATION ARE BASED
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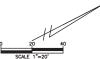
2- XXX DENOTES EXISTING TREE TO BE REMOVED

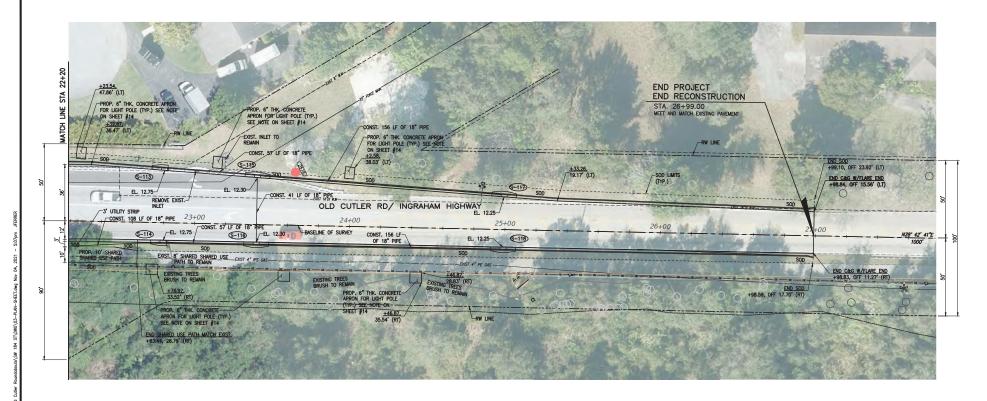
OLD CUTLER RD. & SW 184 ST (EUREKA DR.)

200					REVISIONS				MARLIN		NAME	DATE		NAME	DATE	DEF	PARTMENT OF TRANSPORTATION	
8	DATE BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	B.	BY DESCRIPTION		DESIGNED	NAME	DAIL		HAME		-	AND PUBLIC WORKS	
€				-			-		ENGINEERING	BY	R.L		BY	M.P.		MIAMI-DADE	HIGHWAY DIVISION	ROADWAY PLAN
SS									AYCEL ABIN FREDA P.E. No.: 77550	CHECKED	AF		CHECKED	AF				NOADWAT FLAN
8									3363 W. COMMERCIAL Blvd, Ste. 115 FT Lauderdale, FL 33309	BY			BY	741		COUNTY	STEPHEN P. CLARK CENTER	
									P: 954.870.5070 CA. No. 6104	SUPERVISED 6	31:					0001111	MANA, FLORIDA, X3128	



MAMI-DUE COUNTY DEPARTMENT TO THE STATE OF T





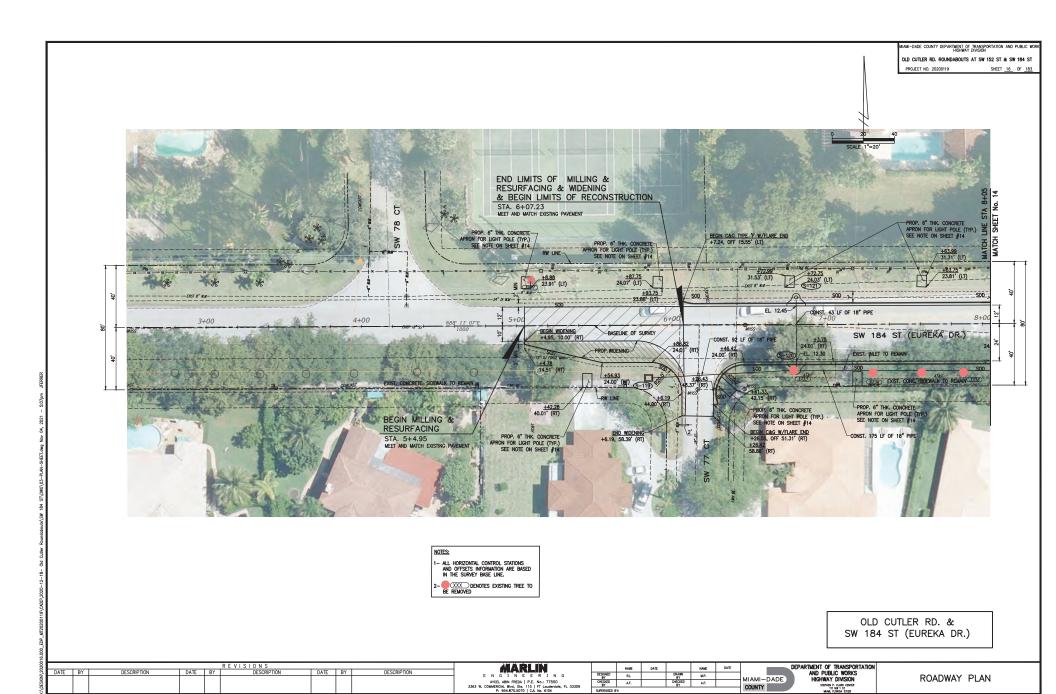
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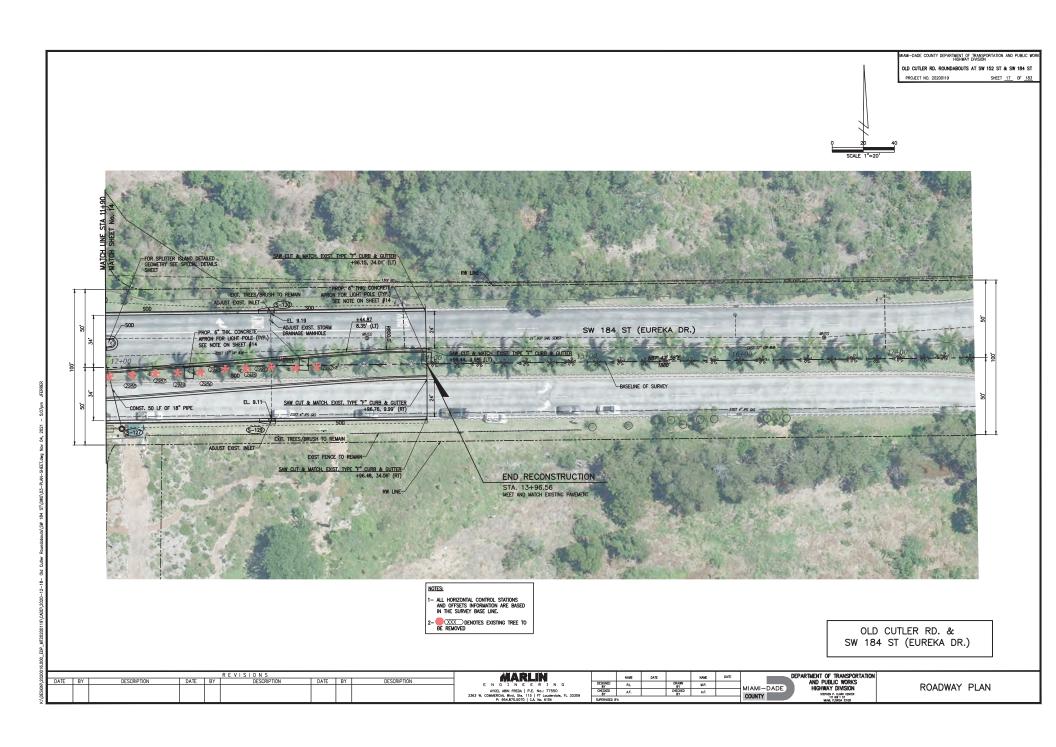
1- ALL HORIZONTAL CONTROL STATIONS
AND OFFSETS INFORMATION ARE BASED
IN THE SURVEY BASE LINE.

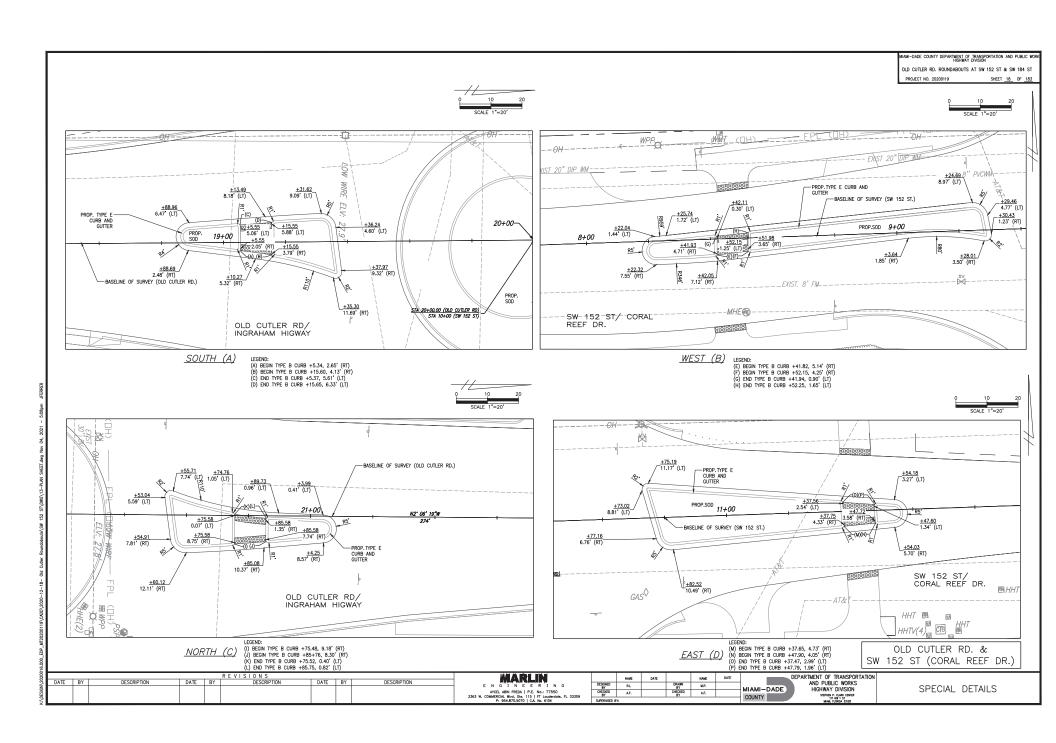
2- EXXX. DENOTES EXISTING TREE TO
BE REMOVED

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

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8	DATE B	BY DESCRIPTION	DATE	BY DESCRIPTION	DATE	BY	DESCRIPTION		DESIGNED	NAME	B*****	COAM	16-92			AND PUBLIC WORKS	
8								ENGINEERING	BY	RL	1 1	BY	M.P.		MIAMI-DADE	HIGHWAY DIVISION	ROADWAY PLAN
8					1				CHECKED	A.F.		CHECKED	A.F.				NOADWAL LEAN
핕					1			3363 W. COMMERCIAL Blvd, Ste. 115 FT Lauderdole, FL 33309	BY			BY			COUNTY	STEPHEN P. CLARK CENTER	
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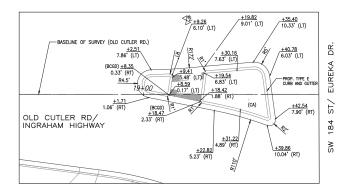




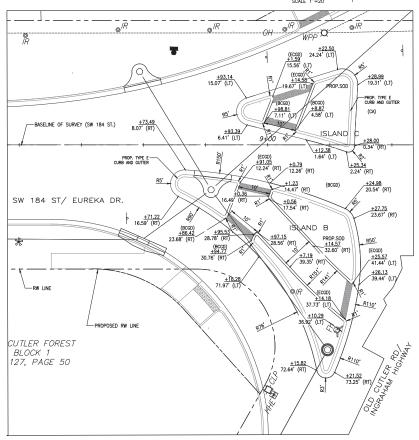
MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORK
OLD CUTLER RD. ROUNDABOUTS AT SW 152 ST & SW 184 ST

0 10 20 SCALE 1"=20'





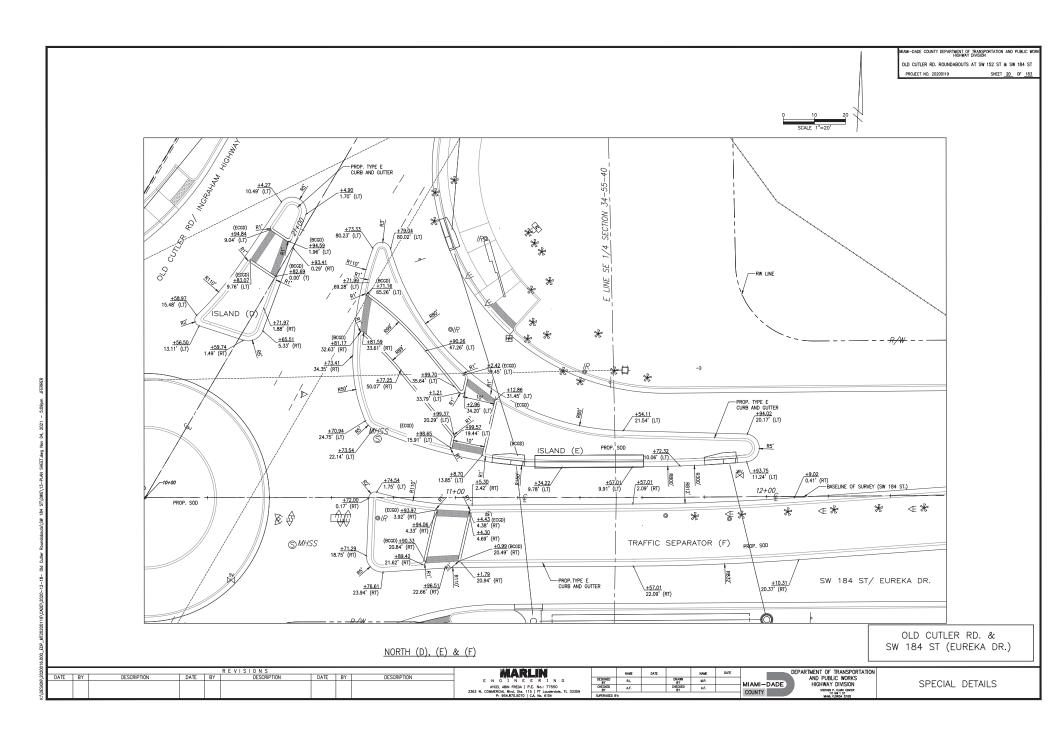
SOUTH (A)



WEST (B) & (C)

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

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☑ DATE BY	DESCRIPTION DATE BY	DESCRIPTION	DATE E	Y DES	CRIPTION	Like-Franka	DESIGNED	mane por	DRAWN	_		AND PUBLIC WORKS	
*						ENGINEERING	BY I	RL	BY	M.P.		MIAMI-DADE HIGHWAY DIVISION SPECIAL [DETAILS
ž.						AYCEL ABIN FREDA P.E. No.: 77550	CHECKED	A.F.	CHECKED	A.F.			JLIAILS
8						3363 W. COMMERCIAL Blvd, Ste. 115 FT Lauderdole, FL 33309 P: 954.870.5070 CA. No. 6104	SUPERVISED BY		81	_		COUNTY STEPHEN P. CLARC CENTER 111 HW 1 ST MAM. FLORAG 33128	

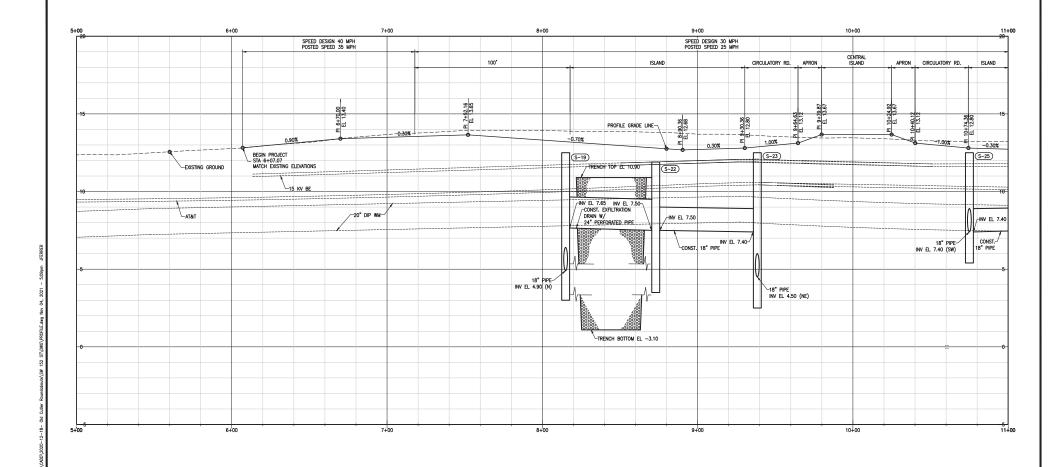


MAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WOR

OLD CUTLER RD. ROUNDABOUTS AT SW 152 ST & SW 184 ST

PROJECT NO. 20200119 SHEET 21 OF 183

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



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

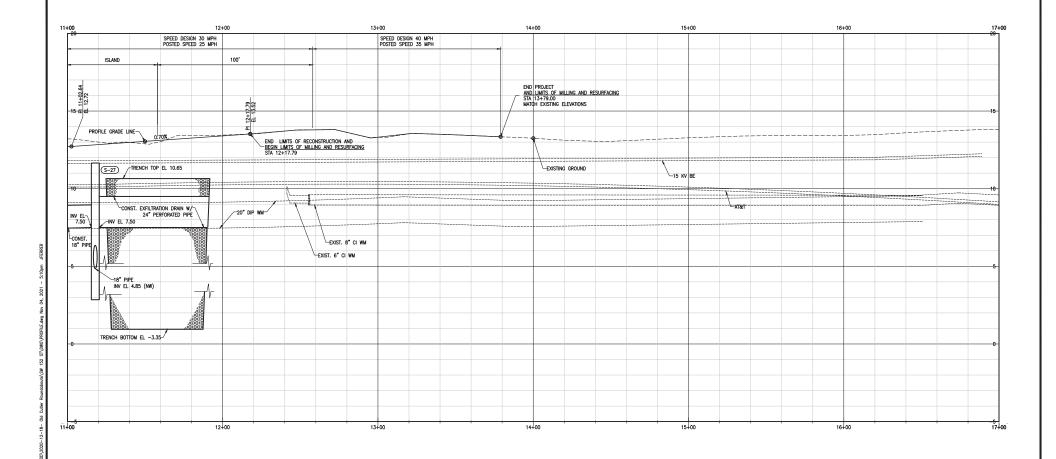
8				R E	VISIONS				MARLIN		NAME	DATE		NAME	DATE	DEPARTMENT OF TRANSPORTATION	
8	DATE BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	INITED TO THE	DESIGNED	MAME	DATE	DOAWN			AND PUBLIC WORKS	
3									1 ENGINEERING	BY	RL		BY	M.P.		MIAMI-DADE HIGHWAY DIVISION	ROADWAY PROFILE
8			1	1 1		1			AYCEL ABIN FREDA P.E. No.: 77550	CHECKED	A.F.		CHECKED	A.F.			NOADWAT TROTILL
9						1			3363 W. COMMERCIAL Blvd, Ste. 115 FT Louderdole, FL 33309 P: 954,670,5070 CA. No. 6104	SUPERVISED B						COUNTY STEPHEN P. CLARK CENTER 111 MR 12 THE MAIL PLANT STEPHEN P. CLARK CENTER 111 MR 12 THE MAIL PLANT STEPHEN P. CLARK CENTER 111 MR 12 THE MAIL PLANT STEPHEN P. CLARK CENTER 111 MR 12 THE MR 1	

MAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WOR

OLD CUTLER RD. ROUNDABOUTS AT SW 152 ST & SW 184 ST

PROJECT NO. 20200119 SHEET 22 OF 183

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



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

20					REVISIONS					MARLIN		NAME	DATE		NAME	DATE	DEPARTMENT OF TRANSPORTATION	
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8										ENGINEERING	BY	RL		BY	M.P.		MIAMI-DADE HIGHWAY DIVISION	ROADWAY PROFILE
23										AYCEL ABIN FREDA P.E. No.: 77550	CHECKED	A.F.		CHECKED	A.F.			NOADWAT TROTTLE
9				- 1						3363 W. COMMERCIAL Blvd, Ste. 115 FT Lauderdole, FL 33309 P: 954.870,5070 C.A. No. 6104	SUPERVISED BY						COUNTY STEPHEN P. CLARK CENTER 111 Not 25 MANN. FLOREN A 31150	

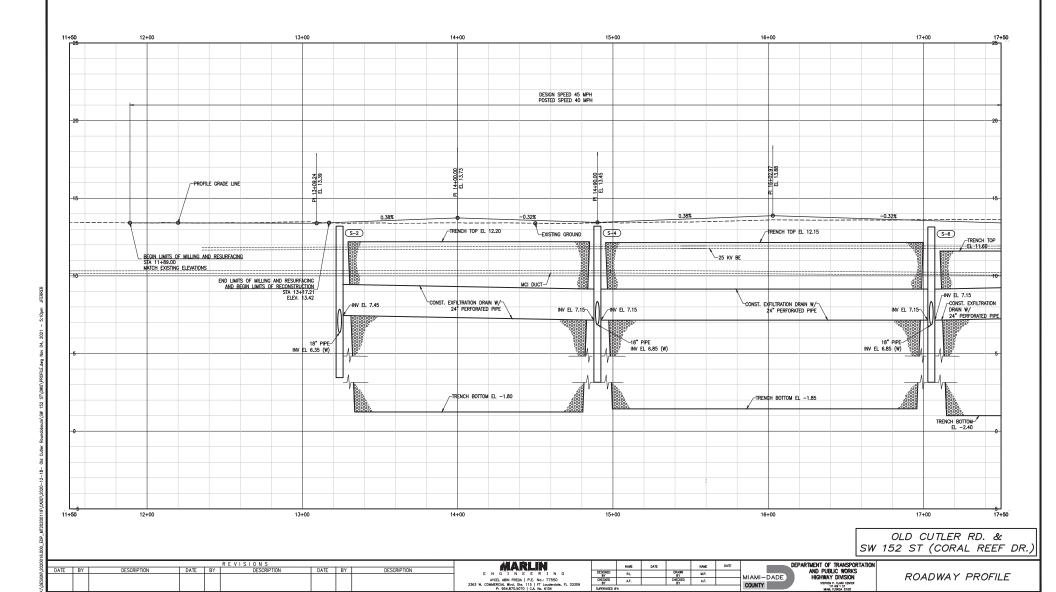
OLD CUTLER RD HORIZONTAL SCALE 1:20 VERTICAL SCALE 1:2

IAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WOR HIGHWAY DIVISION OLD CUTLER RD. ROUNDABOUTS AT SW 152 ST & SW 184 ST PROJECT NO. 20200119

DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS HIGHWAY DIVISION

ROADWAY PROFILE

MIAMI-DADE COUNTY



DATE BY

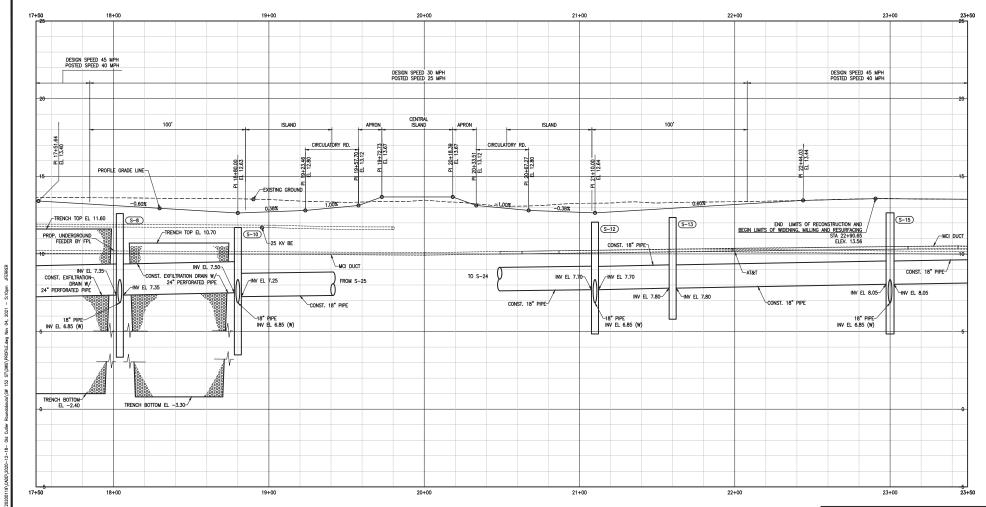
DESCRIPTION

DATE BY

DESCRIPTION

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

MAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WOR OLD CUTLER RD. ROUNDABOUTS AT SW 152 ST & SW 184 ST PROJECT NO. 20200119 SHEET 24 OF 183



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

20					REVISIONS				MADIM		NAME	DATE		NAME	DATE	DEPARTMENT OF TRANSPORTATION	1
8	DATE BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	THIS TAX TAX	DESIGNED	HAME.	B111E	DRAWN	uo.		AND PUBLIC WORKS	
8				-					AYOFI ARIN FREDA I P.F. NA · 77550	BY	K.L.		BY	M.P.		MIAMI-DADE HIGHWAY DIVISION	ROADWAY PROFILE
8				1					ATCEL ABIN FREDA P.E. No.: //550 3383 W COMMERCIAL Blad Ste. 115 ET Implemente El 33309	BY	A.F.		BY	A.F.		COUNTY SIEPHEN P. CLARK CENTER	7.07.07.77.77.72.
3									P: 954.870.5070 C.A. No. 6104	SUPERVISED BY						MAM, RORDA 33128	

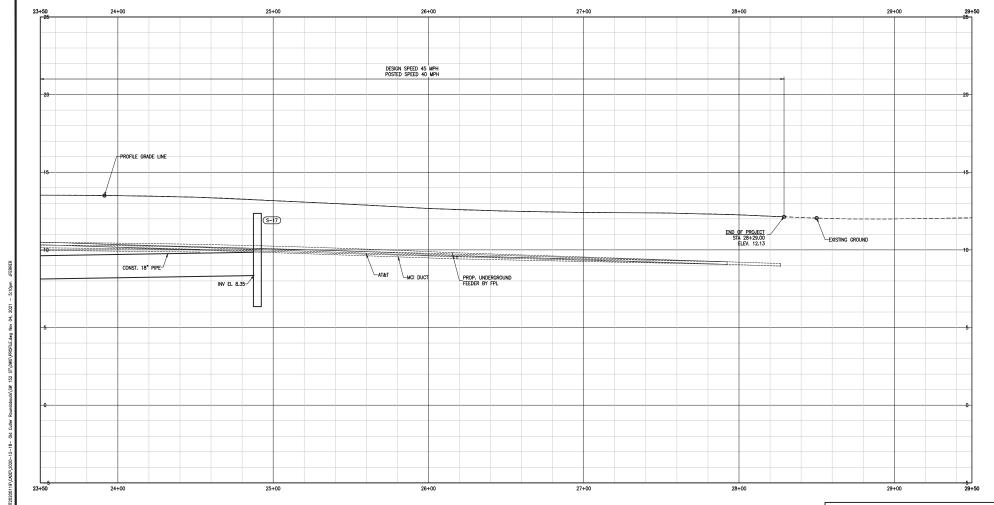
OLD CUTLER RD
HORIZONTAL SCALE 1:20
VERTICAL SCALE 1:2

MAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORK

OLD CUTLER RD. ROUNDABOUTS AT SW 152 ST & SW 184 ST

PROJECT NO. 20200119

SHEET 25 OF 183



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

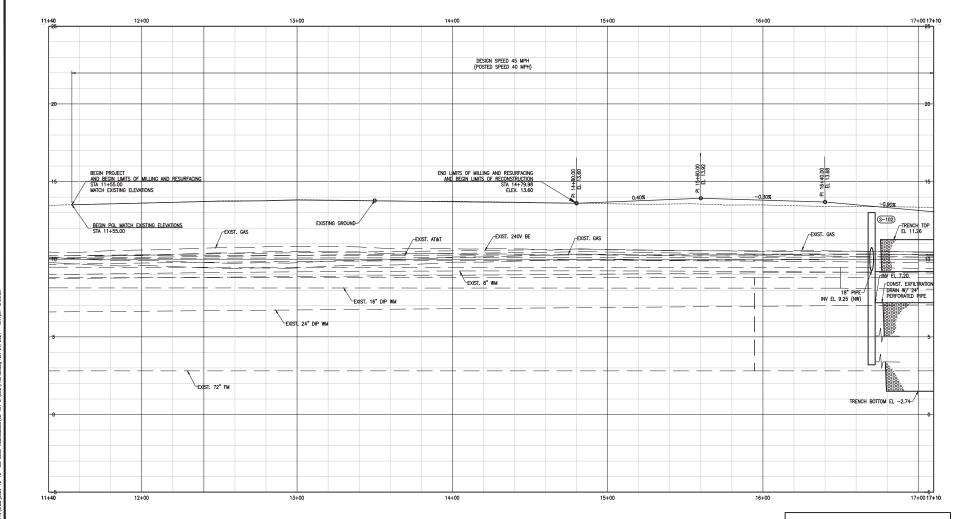
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3363 W. COMBROY Red, St. 151 F. 1024 FG. No. 37500 FG. 33509 FG. 3	AND PUBLIC WORKS HIGHWAY DIVISION STEPREN P. CLARK CENTER 111 NR 1 ST MAN, ROSEON 33128	ROADWAY PROFILE

MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WOR HIGHWAY DIVISION

OLD CUTLER RD. ROUNDABOUTS AT SW 152 ST & SW 184 ST

PROJECT NO. 2020019.

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



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

ROADWAY PROFILE

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				1			1			CHECKED	A.F.	1	CHECKED	A.F.			
				1			1			SUPERVISED B	ire					COUNTY	STEPHEN P. CLARK CENTER 111 NW 1 ST MAM, FLORIDA 33128
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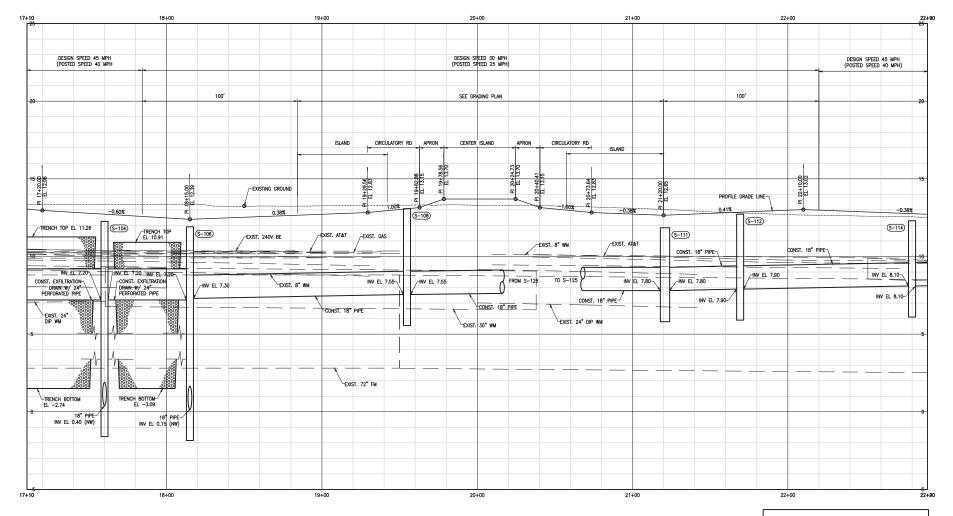
MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORK
HIGHWAY DIVISION

OLD CUTLER RD. ROUNDABOUTS AT SW 152 ST & SW 184 ST

PROJECT NO. 20200119

SMEET. 27. OF 183

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



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

ROADWAY PROFILE

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	$\overline{}$								AYCEL ABIN FREDA P.E. No.: 77550	CHECKED	KL	_	CHECKED	M.P.	_	MIAMI-DADE	HIGHWAY DIVISION
				l					3363 W. COMMERCIAL Blvd, Ste. 115 FT Lauderdole, FL 33309	BY	A.F.		BY	A.F.		COUNTY	STEPHEN P. CLARK CENTER
									P: 954.870.5070 C.A. No. 6104	SUPERVISED	BY:					OUDITI	111 NW 1 ST MAM, FLOREDA 33128

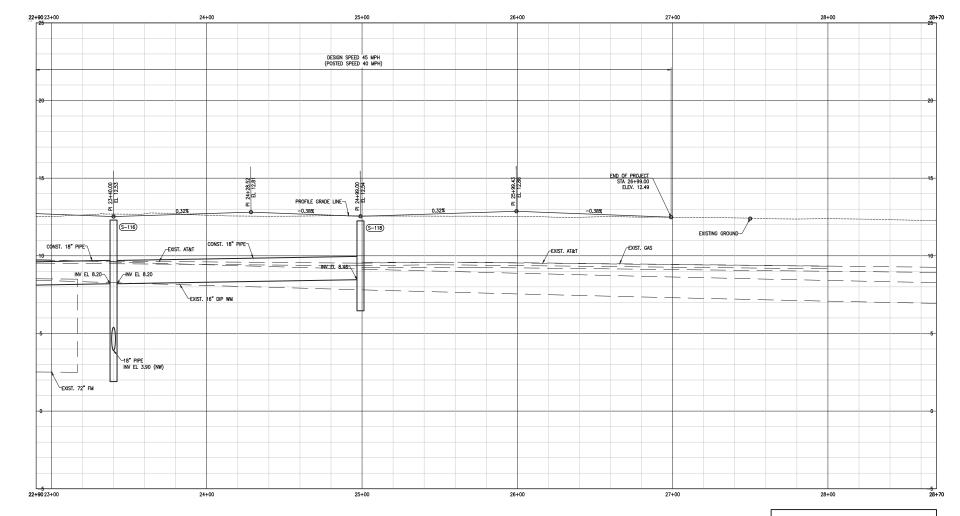
MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WOR

OLD CUTLER RD. ROUNDABOUTS AT SW 152 ST & SW 184 ST

PROJECT NO. 20200119

SHEET 28. OF 183

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



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

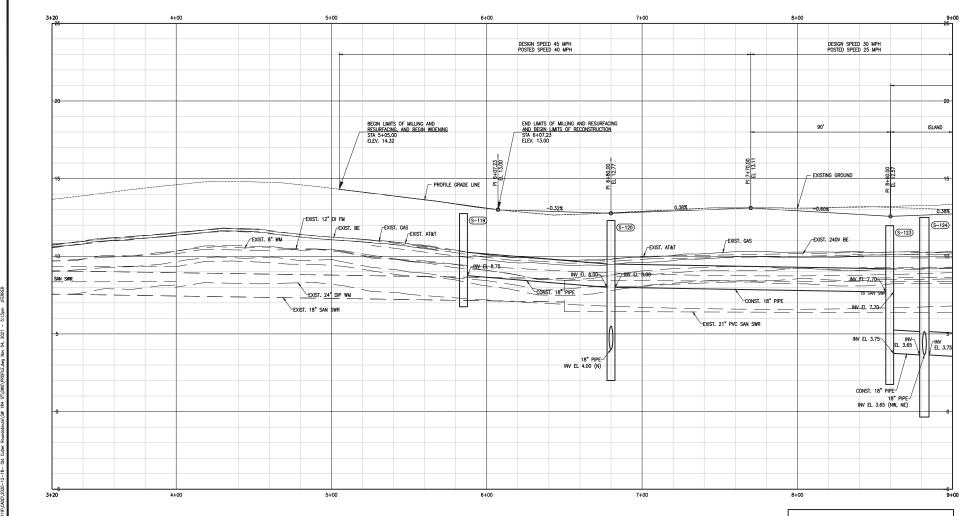
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*									- ENGINEERING	BY	RL		BY	M.P.		MIAMI-DADE HIGHWAY DIVISION	ROADWAY PROFILE
8	- 1			1 1					AYCEL ABIN FREDA P.E. No.: 77550	CHECKED	A.F.		CHECKED	A.F.			NOADWAT TROTTEE
a,	- 1			1 1					3363 W. COMMERCIAL Blvd, Ste. 115 FT Lauderdole, FL 33309 P: 954,870,5070 CA, No. 6104	SUPERVISED B		_	1 81	_	_	COUNTY STEPHEN P. CLARK CENTER 111 NR 1 THE MANN. ROPEN 33128	

MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WOR

OLD CUTLER RD. ROUNDABOUTS AT SW 152 ST & SW 184 ST

DRAIGHT NO. 2020010.

SW 184 ST HORIZONTAL SCALE 1:20 VERTICAL SCALE 1:2



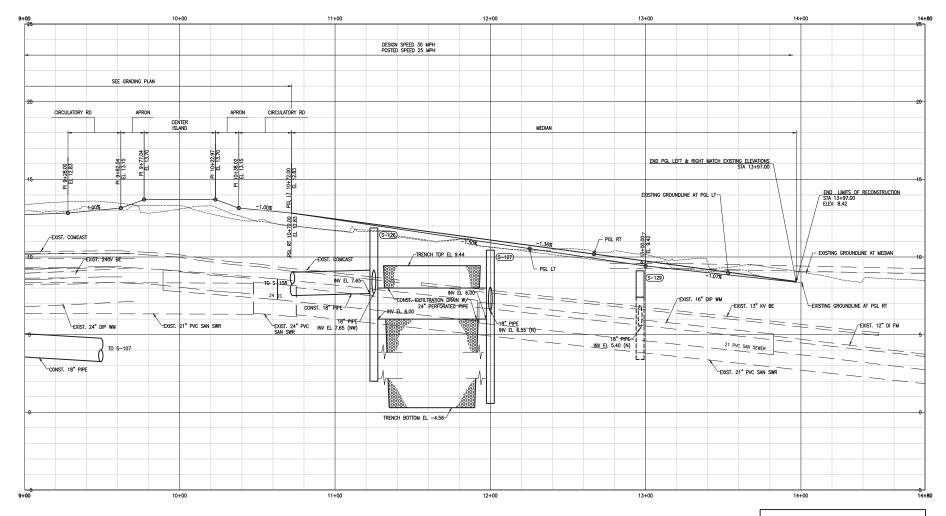
OLD CUTLER RD. & SW 184 ST (EUREKA DR.)

8						REVISIONS	0.175			MARLIN	l	NAME	DATE		NAME	DATE	
2	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	ENGINE ERING	DESIGNED	81		DRAWN	40	-	-
6	i									AYCEL ABIN FREDA P.E. No.: 77550	CHECKED	N.L.		CHECKED	***	\leftarrow	- MIAI
ω.	i									3363 W. COMMERCIAL Blvd. Ste. 115 FT Lauderdole, FL 33309	BY	A.F.		BY	A.F.		COLI
3	i									P: 954,870,5070 CA. No. 6104	SUPERVISED E	IY:					COU
K:\D										3363 W. COMMERCIAL Blvd, Ste. 115 FT Lauderdole, FL 33309 P: 954.870.5070 C.A. No. 6104	SUPERVISED E	m:		81			

DESIGNED BY CHECKED BY SUPERVISED B	NAME R.L A.F.	DATE	DRAWN BY CHECKED BY	NAME M.P. A.F.	DATE	MIAMI-DADE COUNTY	DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS HIGHWAY DIVISION STEPHEN P. CLARK CERTER 11 184 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
SUPERVISED B	li.						MAM, FLORIDA 33128	_

MAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORK
OLD CUTLER RD. ROUNDABOUTS AT SW 152 ST & SW 184 ST
PROJECT NO. 20200119 SHEET 30 OF 183

SW 184 ST (EUREKA DR.) HORIZONTAL SCALE 1:20 VERTICAL SCALE 1:2



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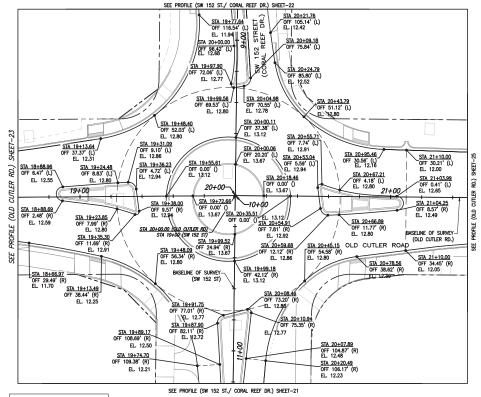
OLD CUTLER RD. & SW 184 ST (EUREKA DR.)

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REVISIONS

	NAME	DATE		NAME	DATE		DEPARTMENT OF TRANSPOR
DESIGNED BY	RL		DRAWN BY	M.P.		MIAMI-DADE	AND PUBLIC WORKS HIGHWAY DIVISION
CHECKED	A.F.		CHECKED	A.F.		COUNTY	STEPHEN P. CLARK CENTER
SUPERVISED B	IY:					COUNTY	111 NW 1 ST MAM, FLORIDA 33128

MAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WOR OLD CUTLER RD. ROUNDABOUTS AT SW 152 ST & SW 184 ST PROJECT NO. 20200119 SHEET 31 OF 183.





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

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

8					R	REVISIONS				MARLIN		N.HIE	DATE		NAME	DATE	DEPARTMEN	IT OF TRANSPORTATION	
8	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		DESIGNED	HAME.	DATE.	DRAWN	NO. ME.		AND	PUBLIC WORKS	
8										ENGINEERING	BY	KL	1	BY	M.P.		MIAMI-DADE HIG	SHWAY DIVISION	GRADING PLAN
8										3363 W. COMMERCIAL Blvd, Ste. 115 FT Lauderdole, FL 33309	CHECKED	A.F.		BY	A.F.			STEPHEN P. CLARK CENTER	010101110 1 2 111
- 2										P: 954.870.5070 C.A. No. 6104	SUPERVISED I	Y:					COUNTY	111 NW 1 ST MAM, FLORIDA 33128	

