

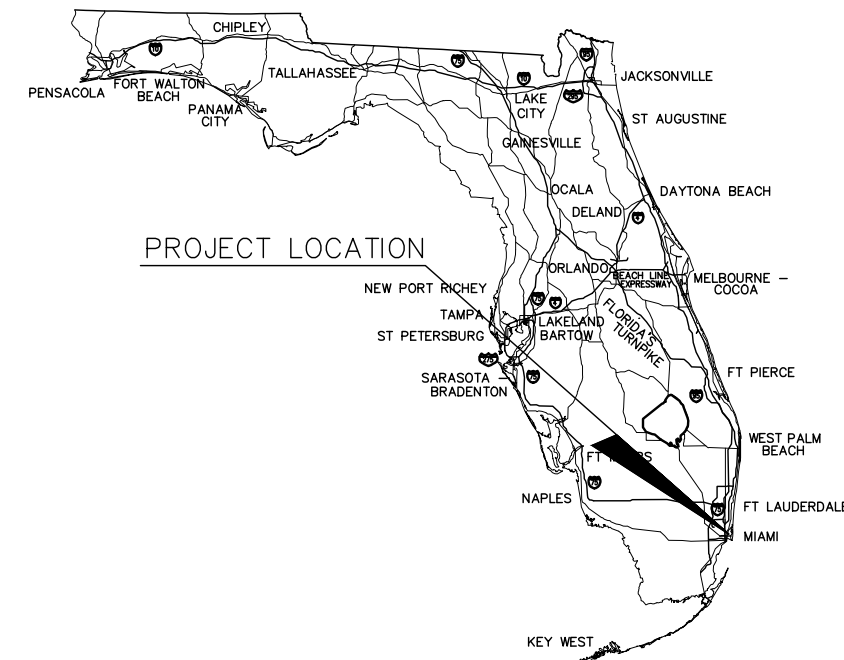


# CITY OF NORTH BAY VILLAGE

## TREASURE ISLAND ADA IMPROVEMENTS

### CONTRACT PLANS

FINANCIAL PROJECT ID  
444197-1-58-01 (D6)  
MIAMI DADE COUNTY  
PROJECT LIMITS:  
JOHN F KENNEDY CAUSEWAY  
FROM S TREASURE DR  
TO E TREASURE DR



**Bid Set**  
**ITB 2022-002**  
**FM#444197**

#### INDEX OF SHEETS

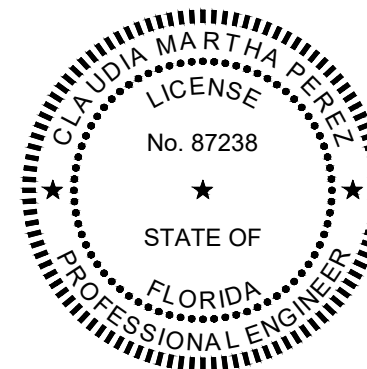
SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SUMMARY OF QUANTITIES
3	PROJECT LAYOUT – TREASURE ISLAND
4	GENERAL NOTES & LEGEND
5	STORMWATER POLLUTION PROTECTION PLAN
6	TREASURE ISLAND IMPROVEMENTS
7	TREASURE ISLAND IMPROVEMENTS
8	TREASURE ISLAND IMPROVEMENTS
9	TREASURE ISLAND IMPROVEMENTS
10	TREASURE ISLAND IMPROVEMENTS
11	TREASURE ISLAND IMPROVEMENTS
12	TREASURE ISLAND IMPROVEMENTS
13	TREASURE ISLAND IMPROVEMENTS
14	TREASURE ISLAND IMPROVEMENTS
15	TREASURE ISLAND IMPROVEMENTS
16	TREASURE ISLAND IMPROVEMENTS
17	TREASURE ISLAND IMPROVEMENTS
18	TREASURE ISLAND IMPROVEMENTS
19	TREASURE ISLAND IMPROVEMENTS
20	TREASURE ISLAND IMPROVEMENTS
21	TREASURE ISLAND IMPROVEMENTS
22	DETAILS
23	DETAILS
24	DETAILS
25	SIGNALIZATION PLANS
26	SIGNALIZATION PLANS
27	SIGNALIZATION PLANS
28	SIGNALIZATION PLANS



LOCATION MAP  
N.T.S.

#### NORTH BAY VILLAGE OFFICIALS

MAYOR: BRENT LATHAM  
VICE MAYOR: MARVIN WILMOTH  
COMMISSIONERS: JOSE R. ALVAREZ  
ANDREANA JACKSON  
JULIANNA STROUT  
VILLAGE MANAGER: RALPH ROSADO  
VILLAGE ATTORNEY: DANIEL A. ESPINO



#### CONTRACT PLANS ENGINEER OF RECORD:

CLAUDIA M. PEREZ, P.E.  
P.E. NO.: 87238  
BCC ENGINEERING LLC  
6401 SW 87<sup>th</sup> AVENUE, SUITE 200  
MIAMI, FL 33173  
CERTIFICATE OF AUTHORIZATION NO.: 7184

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY CLAUDIA M. PEREZ, PE ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

#### GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY 2021-2022 Standard Plans for Road and Bridge Construction at the following website:  
<http://www.fdot.gov/design/StandardPlans/current/default.shtm>

#### GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, January 2021 Standard Specifications for Road and Bridge Construction at the following website:  
<http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

PROJECT LOCATION

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
—	2021	1

Treasure Island ADA Improvements						
Pay Item No.	Pay Item Description	Unit	Quantity		Design Notes	Construction Remark
			P	F		
101-1	MOBILIZATION	LS	1			
102-1	MAINTENANCE OF TRAFFIC (MOT)	LS	1			
110-1-1	CLEAR & GRUBBING	LS	1			
104-18	INLET PROTECTION SYSTEM	EA	5			
110-4-10	REMOVAL OF EXISTING CONCRETE	SY	420			
520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	223			
520-2-4	CONCRETE CURB, TYPE D	LF	61			
520-3	VALLEY GUTTER - CONCRETE	LF	22			
522-1	CONCRETE SIDEWALK PAVEMENT 4"	SY	370			
527-2	DETECTABLE WARNINGS	SF	35			
653-1-60	PEDESTRIAN SIGNAL, REMOVE PED. SIGNAL, POLE/PEDESTAL TO REMAIN	AS	2			
653-1-11	PEDESTRIAN SIGNAL, FURNISH & INSTALL, LED COUNTDOWN, 1 WAY	EA	2			
665-1-12	PEDESTRIAN DETECTOR, FURNISH & INSTALL, ACCESSIBLE	EA	17			
670-5-400	TRAFFIC CONTROLLER ASSEMBLY, MODIFY	EA	4			
630-2-11	CONDUIT FURNISH & INSTALL, OPEN TRENCH	LF	190			
632-7-2	SIGNAL CABLE- REPAIR/REPLACE/OTHER, FURNISH & INSTALL	LF	930			
700-1-51	SINGLE POST SIGN, RELOCATE	AS	3			
711-11123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	420			
711-11125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	365			

**PAY ITEM NOTES**

- ITEM 0522-1 CONCRETE SIDEWALK PAVEMENT 4": CONTRACTOR TO CERTIFY THAT THE CONCRETE MEETS A 2,500 PSI AT 28 DAYS PER FDOT SECTION 347.
- ITEM 110-1-1 CLEAR & GRUBBING: THIS PAY ITEM IS A LUMP SUM PRICE. VEGETATION, DEBRIS, FLEXIBLE PAVEMENT, IN ALL AREAS WHERE EXCAVATION IS TO BE DONE. IT INCLUDES SHRUB AND TREE TRIMMING IDENTIFIED IN THE CONTRACT DOCUMENTS, AND THE REMOVAL AND DISPOSING OF EXISTING CONCRETE PAVEMENT, CONCRETE SIDEWALKS, SLOPE PAVEMENT, ASPHALT, DITCH PAVEMENT AND CURB AND GUTTER, WHERE REQUIRED BECAUSE OF CONSTRUCTION OPERATIONS, WHERE THE WORK IS NOT INCLUDED IN OTHER OPERATIONS.
- ITEM 104-18 INLET PROTECTION SYSTEM: REFER TO FDOT EROSION AND SEDIMENT CONTROL BEST PRACTICE MANAGEMENT MANUAL.
- ITEM 425-6 VALVE BOXES, ADJUST: THIS PAY ITEM WILL INCLUDE THE ADJUSTMENT OF THE FOLLOWING IF NEEDED: EXISTING MANHOLES, CATCH BASINS, INLETS, VALVE BOXES, METER BOXES, ETC., WITHIN THE LIMITS OF THE PROPOSED WORK, TO MEET THE FINISHED GRADE OF THE PROPOSED PAVEMENT, OR IF OUTSIDE OF THE PROPOSED PAVEMENT AREA, TO THE FINISHED GRADE DESIGNATED IN THE PLANS FOR SUCH STRUCTURES. ADJUST STRUCTURES TO MATCH FINAL PAVEMENT AND/OR CONCRETE SURFACE CROSS-SLOPE. USE MATERIALS AND CONSTRUCTION METHODS WHICH MEET THE REQUIREMENTS SPECIFIED ABOVE TO ADJUST THE EXISTING STRUCTURES. THE CONTRACTOR MAY EXTEND MANHOLES NEEDING TO BE RAISED USING ADJUSTABLE EXTENSION RINGS OF THE TYPE WHICH DO NOT REQUIRE THE REMOVAL OF THE EXISTING MANHOLE FRAME. USE AN EXTENSION DEVICE THAT PROVIDES POSITIVE LOCKING ACTION AND PERMITS ADJUSTMENT IN HEIGHT AS WELL AS DIAMETER AND MEETS THE APPROVAL OF THE ENGINEER. WHEN ADJUSTING STRUCTURES IN FLEXIBLE PAVEMENT, RESTORE FINAL ROAD SURFACE IN ACCORDANCE WITH STANDARD PLANS, INDEX 125-001.
- ITEM 520-1-10 CURB & GUTTER; CONTRACTOR TO REPLACE CURB & GUTTER TYPE F AT SIDEWALK REPAIR LOCATIONS AS NEEDED.
- ITEM 0665-1-12 INCLUDES REMOVAL OF EXISTING PEDESTRIAN SIGNAL AND REPLACE WITH AUDIBLE ACCESSIBLE PEDESTRIAN SIGNAL ON EXISTING POLE.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

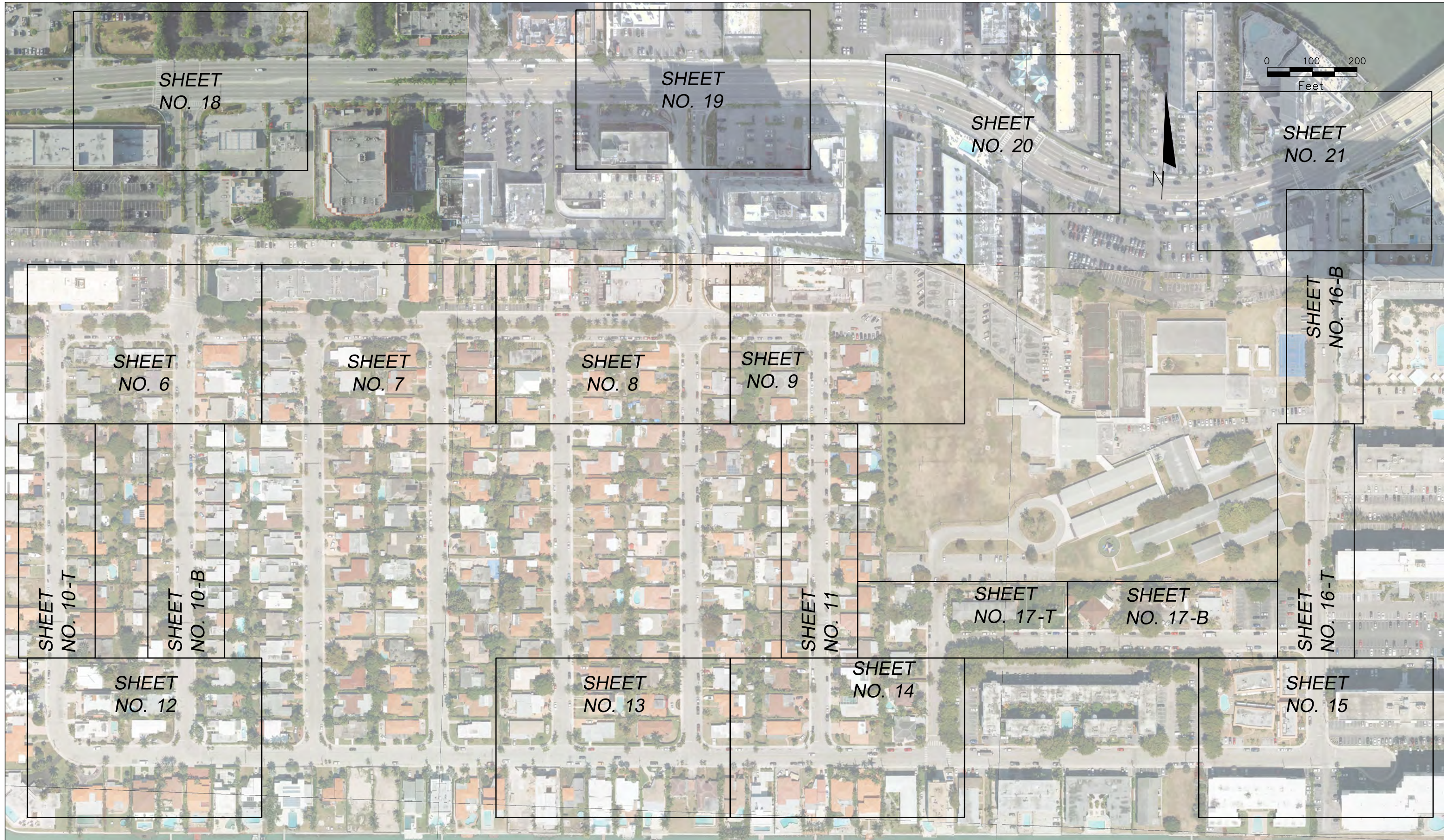


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 Certificate of Authorization No. 7184


CITY OF NORTH BAY VILLAGE		
ROAD NO.	COUNTY	PROJECT NUMBER
-	MIAMI-DADE COUNTY	0190151.01

TREASURE ISLAND ADA IMPROVEMENTS
SUMMARY OF QUANTITIES

SHEET NO.
2



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION


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ROAD NO.	COUNTY	PROJECT NUMBER
-	MIAMI-DADE COUNTY	0190151.01

TREASURE ISLAND ADA IMPROVEMENTS	SHEET NO.
PROJECT LAYOUT – TREASURE ISLAND	3

**GENERAL NOTES**

- ALL ELEVATIONS SHOWN ON THE PLANS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD), UNLESS OTHERWISE NOTED.
- ALL PUBLIC LAND CORNERS AND PRIMARY NETWORK CONTROL SURVEY MONUMENTS ARE TO BE PROTECTED. CORNERS AND MONUMENTS WITHIN THE WORK ZONE 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 THE BEGINNING OF WORK. UPON PROJECT COMPLETION THE CONTRACTOR SHALL RESTORE ALL SUCH CORNERS AND MONUMENTS AND SHALL FURNISH TO THE DISTRICT LOCATION SURVEYOR A SIGNED AND SEALED COPY OF THE LAND SURVEYOR'S REFERENCE DRAWING.
- ALL EXCESS MATERIAL AS DESIGNATED IS TO BE DISPOSED IN AREAS PROVIDED WITHIN 72 HOURS OF BEING DEPOSITED IN THE CONSTRUCTION AREA AND AT THE CONTRACTOR'S EXPENSE.
- 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.
- KEEP EXISTING INLETS CLEAN OF MILLING MATERIAL, LIMEROCK, DEBRIS, ETC. DURING THE CONSTRUCTION.
- REMOVE ALL SEDIMENT BARRIERS, ROCK BAGS AND TURBIDITY BARRIERS AT THE COMPLETION OF THE PROJECT.
- REMOVE STORMWATER FROM THE ROADWAY WITHIN THE PROJECT LIMITS AND COMPLY WITH NPDES AND OTHER PERMIT REQUIREMENTS.
- SAW CUTTING OF THE EXISTING SIDEWALKS SHALL BE MADE ONLY AT THE NEAREST FLAG JOINTS.
- POSTED SPEED THROUGH WORK ZONES SHALL BE 25 MPH ON LOCAL STREETS AND 30 MPH FOR SR 934.
- WORK ON SR 934 SHALL BE LIMITED.
- IMPLEMENT TRAFFIC CONTROL PLAN IN COMPLIANCE WITH FDOT STANDARDS 102- 600 SERIES FOR SR 934.
- ALL WORK DONE WITHIN STATE AND LOCAL RIGHT OF WAY.
- NO STAGING OR OTHER ACTIVITIES FOR THIS PROJECT WILL BE ALLOWED WITHIN OR IMMEDIATELY ADJACENT TO TREASURE ISLAND ELEMENTARY SCHOOL, (7540 E TREASURE DR, NORTH BAY VILLAGE, FL 33141) AND PHILIP SCHONBERGER MEMORIAL PLAYGROUND (1841 GALLEON STREET).

**UTILITY NOTES**

- ALL EXISTING UTILITIES ARE TO REMAIN UNLESS OTHERWISE NOTED.
- USE CAUTION WHEN WORKING IN OR AROUND AREAS OF OVERHEAD TRANSMISSION LINES OR UNDERGROUND UTILITIES.
- TWO FULL BUSINESS DAYS PRIOR TO DIGGING, THE CONTRACTOR SHALL CALL SUNSHINE 811 AND THE UTILITY OWNER AND REQUEST UTILITY LOCATIONS. A REPRESENTATIVE MUST BE PRESENT WHEN UTILITY COMPANIES LOCATE THEIR FACILITIES.
- TWO FULL BUSINESS DAYS PRIOR TO DIGGING NOTIFY THE ENGINEER AND CALL FDOT MAINTENANCE DEPARTMENT, TELEPHONE NUMBER: (305) 640- 7160 AND REQUEST LIGHTING CONDUIT LOCATION.
- 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 LOCATIONS OF UTILITIES SHOWN IN THE PLANS ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ELEVATION APPLY ONLY AT THE POINT SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.
- PULL BOXES IMPACTED BY SIDEWALK REPLACEMENT TO BE ADJUSTED SO THEY ARE FLUSH WITH NEW PAVEMENT.

**APPLICABLE CODES**

- MIAMI DADE COUNTY PUBLIC WORKS: DESIGN STANDARDS PART 1 AND 2.
- FLORIDA DEPARTMENT OF TRANSPORTATION, FY 2021-2022 STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION.
- FLORIDA DEPARTMENT OF TRANSPORTATION, JANUARY 2021 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- FLORIDA GREEN BOOK (MANUAL OF UNIFORM MINIMUM STANDARDS OF DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS)

**MAINTENANCE OF TRAFFIC (MOT)**

- MAINTENANCE OF TRAFFIC IN THE PUBLIC RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH THE MIAMI-DADE COUNTY PUBLIC WORKS MANUAL AS PERTAINS TO MAINTENANCE OF TRAFFIC, THE CURRENT EDITION OF THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) DESIGN STANDARDS (STANDARD PLANS 102-600 SERIES), THE STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AS MINIMUM CRITERIA.
- CONTRACTOR SHALL PREPARE AND SUBMIT MAINTENANCE OF TRAFFIC PLAN (MOT) WHERE REQUIRED BY FEDERAL, STATE, COUNTY OR LOCAL AGENCIES HAVING JURISDICTION. CONTRACTOR SHALL OBTAIN ALL REQUIRED APPROVALS AND PERMITS ASSOCIATED WITH THE MOT'S. ALL MOT'S TO BE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS.
- TEMPORARY PAVEMENT SHALL CONSIST OF A MINIMUM OF 6 INCH LIMEROCK BASE, PRIME COAT AND 1.5 INCHES HOT MIX ASPHALT SP-12.5. THE BASE LAYER SHALL BE PLACED OVER A FIRM UNYIELDING, WELL-COMPACTED SUBGRADE. COST OF CONSTRUCTION AND REMOVAL OF TEMPORARY PAVEMENT TO BE INCLUDED IN PAY ITEM 102-1A, MAINTENANCE OF TRAFFIC.
- THE CONTRACTOR SHALL IMMEDIATELY REPAIR AL POTHOLES THAT DEVELOP WITHIN THE PROJECT LIMITS AND WILL MAINTAIN A SUPPLY OF COLD MIX ON THE PROJECT SITE TO EXPEDITE THOSE REPAIRS. COST OF REPAIR TO BE INCLUDED IN PAY ITEM 102-1A, MAINTENANCE OF TRAFFIC.
- NOTIFICATION OF LANE CLOSURES OR TEMPORARY DETOURS SHALL BE ACCOMPLISHED 14 WORKING DAYS PRIOR TO CLOSURE OR DETOUR BY COORDINATING WITH DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS HIGHWAY DIVISION, AND MIAMI DADE COUNTY TRAFFIC OPERATIONS. FDOT LANE CLOSURE REQUESTS ARE TO BE MADE BY SUBMITTING THE REQUIRED ELECTRONIC LANE CLOSURE FORM (LCISv2.COM), SKETCHERS, CALCULATIONS AND OTHER DATA THROUGH THE ENGINEER TO THE DISTRICT OPERATIONS OFFICE.
- THE CONTRACTOR SHALL NOTIFY LAW ENFORCEMENT AND FIRE PROTECTION SERVICES TWENTY-FOUR (24) HOURS IN ADVANCE OF A DETOUR IN ACCORDANCE WITH SECTION 336.07 OF FLORIDA STATUTES.
- AT THE DISCRETION OF THE ENGINEER, IF A LANE CLOSURE CAUSES EXTENDED CONGESTION OR DELAY, THE CONTRACTOR SHALL BE DIRECTED TO REOPEN THE CLOSED LANE(S) UNTIL SUCH TIME THAT THE TRAFFIC FLOW HAS RETURNED TO AN ACCEPTABLE LEVEL.
- LANE CLOSURE SHALL OCCUR ONLY DURING NON-PEAK HOURS ON NONEVENT DAYS/NIGHTS. NO INTERRUPTION TO TRAFFIC IS PERMITTED FROM MONDAY-FRIDAY 7-9 A.M. AND 4-6 P.M. OR ON WEEKENDS AND HOLIDAYS.
- THE CONTRACTOR IS TO PLACE TEMPORARY OR REMOVABLE PAVEMENT MARKINGS BETWEEN EACH LAYER OF PAVEMENT, AND IS RESPONSIBLE FOR THE TEMPORARY RELOCATION OF STOP BARS & STOP SIGNS AS APPLICABLE. PAVEMENT MARKINGS AND BARRICADES PLACEMENT SHALL BE APPROPRIATELY COORDINATED.
- COORDINATION WITH DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS WILL BE REQUIRED.
- AT THE END OF EACH WORK DAY OR WHENEVER THE WORK ZONE BECOMES INACTIVE, ANY DROP OFF GRATER THAN 6 INCHES (150 MM) ADJACENT TO THE PEDESTRIAN, BICYCLE, AND WHEELCHAIR TRAVEL PATHS BE BACKFILLED FLUSH WITH SAID PATHS OR PROTECTED WITH TEMPORARY FENCE, CONCRETE BARRIER WALL OR APPROVED HANDRAIL. COST SHALL BE INCLUDED IN THE PAY ITEM 102-1A, MAINTENANCE OF TRAFFIC.

**SIGNAGE AND PAVEMENT MARKINGS:**

- ALL SIGNING AND PAVEMENT MARKINGS INSTALLED AS PART OF THESE PLANS SHALL CONFORM TO THE 2009 EDITION OF THE FEDERAL HIGHWAY ADMINISTRATION (FHWA) MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREET AND HIGHWAYS. THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD PLANS AND THE MIAMI-DADE COUNTY TRAFFIC CONTROL EQUIPMENT SPECIFICATIONS AND STANDARDS FOR ROADWAY SIGNING.
- THE CONTRACTOR SHALL MATCH EXISTING PAVEMENT MARKINGS AT THE BEGINNING AND THE END OF THE PROJECT AND AT ALL SIDE STREETS WITHOUT JOGS AND OFFSETS.
- SIGN ASSEMBLY LOCATIONS SHOWN ON PLANS WHICH ARE IN CONFLICT WITH LIGHTING UTILITIES, DRIVEWAYS, WHEELCHAIR RAMPS, ETC. MAY BE ADJUSTED SLIGHTLY AS DIRECTED BY THE ENGINEER. EXTREME LOCATION CHANGES MUST BE APPROVED BY MIAMI-DADE SIGNALS AND SIGNS DIVISION.
- INCORRECTLY PLACED THERMOPLASTIC MARKINGS OVER FRICTION COURSE WILL BE REMOVED BY MILLING AND REPLACING THE FRICTION COURSE A MINIMUM WIDTH OF 18 IN AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL RELOCATE ALL EXISTING POST-MOUNTED STREET NAME AND STOP SIGNS TO A VISIBLE AREA UNDISTURBED BY THE CONSTRUCTION SO AS TO MINIMIZE DAMAGE TO THE SIGNS DURING CONSTRUCTION. COST OF RELOCATION OF STREET NAME SIGN AND STOP SIGNS SHALL BE PAID FOR UNDER MAINTENANCE OF TRAFFIC PAY ITEM.
- EXTRUDED ALUMINUM SIGN SUPPORT CLAMPS ARE NOT ACCEPTABLE. ALL RELOCATED SIGNS MUST COMPLY WITH THE STANDARD SPECIFICATIONS, SPECIAL PROVISIONS AND ROADWAY DESIGN AND TRAFFIC STANDARDS AS IF THEY WERE NEW SIGNS. IF EXISTING CLAMPS, BRACKETS, POLES, ETC. NEED TO BE REPLACED THE COST SHALL BE INCLUDED IN THE RELOCATION PAY ITEMS.
- THE CONTRACTOR SHALL SUBMIT A LIST OF THE EXISTING SIGNS TO THE CONSTRUCTION PROJECT MANAGER. AT THE BEGINNING OF CONSTRUCTION. ANY SIGNS LOST OR DAMAGED DURING

CONSTRUCTION SIGNS SHALL BE REPLACED AT NO ADDITIONAL COST. COST OF MAINTAINING OF EXISTING SIGNS TO BE INCLUDED IN MAINTENANCE OF TRAFFIC PAY ITEM.

- THE CONTRACTOR WILL REVIEW EXISTING SIGNS SHOWN ON THE PLANS TO BE RELOCATED OR TO REMAIN. THE CONTRACTOR WILL NOTIFY IN WRITING TO THE PROJECT ENGINEER OF ANY MISSING SIGNS BEFORE CONSTRUCTION STARTS. IF EXISTING SIGNS TO BE RELOCATED HAVE A DAMAGED POLE OR A POLE NOT MEETING HEIGHT SPECIFICATION REQUIREMENTS, THE COST OF THE NEW POLE WILL BE INCLUDED IN THE RELOCATION PAY ITEM.
- SIGNS DAMAGED BY THE CONTRACTOR'S OPERATION WILL BE REPLACED AT NO COST TO MIAMI- DADE COUNTY. ALL EXISTING SIGN WITHIN THE PROJECT LIMITS ARE TO BE REMOVED UNLESS OTHERWISE NOTED ON THE PLANS. COST TO BE INCLUDED UNDER THE CLEARING AND GRUBBING PAY ITEM.

**CONCRETE SIDEWALK**

- CONSTRUCT SIDEWALKS IN ACCORDANCE WITH SPECIFICATION 522. USE 6" CONCRETE FOR SIDEWALKS AND CURB RAMPS LOCATED WITHIN CURB RETURNS (SEE PLAN VIEW). INSTALL ALL OTHER CONCRETE WITH THICKNESS AS SHOWN, UNLESS OTHERWISE DETAILED IN THE PLANS.
- INCLUDE DETECTABLE WARNINGS ON SIDEWALK CURB RAMPS IN ACCORDANCE WITH INDEX 522-002.
- FOR DRIVEWAYS SEE INDEX 522-003.
- BOND BREAKER MATERIAL CAN BE ANY IMPERMEABLE COATED OR SHEET MEMBRANE OR PREFORMED MATERIAL HAVING A THICKNESS OF NOT LESS THAN 6 MILS AND NOT MORE THAN 1/2".

**DETECTABLE WARNINGS AND SIDEWALK CURB RAMPS NOTES**

**1. CROSS SLOPES AND GRADES**

- SIDEWALK, RAMP, AND LANDING SLOPES (I.E. 0.02, 0.05, AND 1:12) SHOWN IN THIS INDEX ARE MAXIMUMS. WITH APPROVAL OF THE ENGINEER, PROVIDE THE MINIMUM FEASIBLE SLOPE WHERE THE REQUIREMENTS CANNOT BE MET.
- LANDINGS MUST HAVE CROSS-SLOPES LESS THAN OR EQUAL TO 0.02 IN ANY DIRECTION.
- MAINTAIN A SINGLE LONGITUDINAL SLOPE ALONG EACH SIDE OF THE CURB RAMP. RAMP SLOPES ARE NOT REQUIRED TO EXCEED 15 FEET IN LENGTH.
- JOINTS PERMITTED AT THE LOCATION OF SLOPE BREAKS. OTHERWISE LOCATE JOINTS IN ACCORDANCE WITH INDEX 522-001. NO JOINTS ARE PERMITTED WITHIN THE RAMP PORTION OF THE CURB RAMP.

**2. CURB, CURB AND GUTTER AND/OR SIDEWALK:**

- REFER TO INDEX 522-001 FOR CONCRETE THICKNESS AND SIDEWALK DETAILS. REFER TO INDEX 522-002 FOR CURB AND CURB & GUTTER DETAILS.
- REMOVE ANY EXISTING CURB, CURB AND GUTTER, OR SIDEWALK TO THE NEAREST JOINT BEYOND THE CURB TRANSITION OR TO THE EXTENT THAT NO REMAINING SECTION IS LESS THAN 5 FEET LONG.

**3. CURB RAMP ALPHA-IDENTIFICATION:**

- SIDEWALK CURB RAMP ALPHA-IDENTIFICATIONS (E.G. CR-A) ARE PROVIDED FOR REFERENCE PURPOSES IN THE PLANS.
- ALPHA-IDENTIFICATIONS CR-I AND CR-J ARE INTENTIONALLY OMITTED.

**4. DETECTABLE WARNINGS:**

- INSTALL DETECTABLE WARNINGS IN ACCORDANCE WITH SPECIFICATION 527.
- PLACE DETECTABLE WARNINGS ACROSS THE FULL WIDTH OF THE RAMP OR LANDING, TO A MINIMUM DEPTH OF 2 FEET MEASURED PERPENDICULAR TO THE CURB LINE AND NO GREATER THAN 5 FEET FROM THE BACK OF THE CURB OR EDGE OF PAVEMENT.
- IF DETECTABLE WARNINGS ARE SHOWN IN THE PLANS ON SLOPES GREATER THAN 5%, ALIGN THE TRUNCATED DOMES WITH THE CENTERLINE OF THE RAMP; OTHERWISE, THE TRUNCATED DOMES ARE NOT REQUIRED TO BE ALIGNED.

**5. DETECTABLE WARNINGS - ACCEPTANCE CRITERIA:**

- COLOR AND TEXTURE SHALL BE COMPLETE AND UNIFORM.
- 90% OF INDIVIDUAL TRUNCATED DOMES SHALL BE IN ACCORDANCE WITH THE AMERICANS WITH DISABILITIES ACT STANDARDS FOR TRANSPORTATION FACILITIES, SECTION 705.
- THERE SHALL BE NO MORE THAN 4 NON-COMPLIANT DOMES IN ANY ONE SQUARE FOOT.
- NON-COMPLIANT DOMES SHALL NOT BE ADJACENT TO OTHER NON-COMPLIANT DOMES.
- SURFACES SHALL NOT DEVIATE MORE THAN 0.10" FROM A TRUE PLANE.

**EXISTING LEGEND**

- |                  |                                  |
|------------------|----------------------------------|
| (CALC.)          | CALCULATED MEASUREMENT           |
| CLF              | CHAIN LINK FENCE                 |
| EL               | ELEVATION                        |
| F.F.             | FINISHED FLOOR                   |
| INV.             | INVERT                           |
| IP               | IRON PIPE                        |
| IR               | IRON ROD                         |
| IRC              | IRON ROD WITH CAP                |
| LB               | LICENSED BUSINESS                |
| M.D.C.R.         | MIAMI-DADE COUNTY RECORDS        |
| OHW              | OVERHEAD WIRES                   |
| O.R.B.           | OFFICIAL RECORDS BOOK            |
| P.B.             | PLAT BOOK                        |
| PG.              | PAGE                             |
| P.S.M.           | PROFESSIONAL SURVEYOR AND MAPPER |
| VEG              | VEGETATION                       |
| W/               | WITH                             |
| X OFF            | CROSS-OFF                        |
| ---              | RIGHT OF WAY                     |
| ----             | CENTER LINE                      |
| -.-.-.-          | PROPERTY LINE                    |
| -----            | EASEMENT                         |
| x---x---x---x--- | EXIST. CHAIN LINK FENCE          |

**PROPOSED LEGEND**

- |  |   |
|--|---|
|  | TYPE F CURB AND GUTTER                                |
|  | TYPE D CURB   |
|  | PROPOSED CURB RAMP                                    |
|  | PROPOSED CONCRETE SIDEWALK                            |
|  | PROPOSED DETECTABLE WARNINGS                          |
|  | EXISTING CONCRETE SIDEWALK TO BE REMOVED AND REPLACED |
|  | EXISTING DRIVEWAY TO BE REMOVED/ REPLACED BY OTHERS   |

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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ROAD NO.	COUNTY	PROJECT NUMBER
-	MIAMI-DADE COUNTY	0190151.01

TREASURE ISLAND ADA IMPROVEMENTS
GENERAL NOTES & LEGEND

SHEET NO.
4

PLOT DATE: 6/21/2022 1:15 PM

FILE LOCATION: H:\PROJECTS\0190151.01 NBV SIDEWALK AND ADA IMP.PH\ICAD\0190151.01\_05\_SWPP.DWG

**STORMWATER POLLUTION PREVENTION PLAN NOTES**

SITE EVALUATION, ASSESSMENT, AND PLANNING:

PROJECT NAME: NORTH BAY VILLAGE SIDEWALK AND ADA IMPROVEMENTS PHASE II  
 PROJECT ADDRESS: HARBOR ISLAND AND TREASURE ISLAND, NORTH BAY VILLAGE, MIAMI, FLORIDA 33326  
 OWNER'S NAME: NORTH BAY VILLAGE PUBLIC WORKS  
 OWNER'S ADDRESS: 1666 KENNEDY CAUSEWAY, SUITE 300, NORTH BAY VILLAGE, FL 33141

DESCRIPTION OF THE PROJECT AND THE TYPES OF SOIL DISTURBING ACTIVITIES:

THE PROJECT INVOLVES ASSESSING CURRENT CONDITIONS OF EXISTING SIDEWALKS AND CROSSWALKS THROUGHOUT THE AREA TO ELIMINATE SIDEWALK GAPS AND TRIP HAZARDS CAUSED BY UNEVEN OR BROKEN/CRAKED CONCRETE, AND TO IMPROVE/ENHANCE PEDESTRIAN FACILITIES WITH MARKING, SIGNAGE, AND ADA COMPLIANT CROSSWALKS/RAMPS.

SOIL DISTURBING ACTIVITIES WILL INCLUDE: NEW PAVEMENT MARKING CONCRETE SIDEWALKS, CURBS, AND EXISTING RESTORATION TO PREVIOUS CONDITIONS.

SOILS CONDITIONS:

ACCORDING TO THE USDA SOIL SURVEY FOR BROWARD, THE SOIL IS DESCRIBED AS URBAN LAND.

SITE AREAS:

THE PROJECT SITE IS APPROXIMATELY 124.05± ACRES AND 0.18± ACRES WILL BE DISTURBED BY CONSTRUCTION ACTIVITIES.

SEQUENCE OF MAJOR EVENTS:

1. INSTALL SILT FENCES AROUND PERIMETER OF PROPERTY AND DISTURBED AREAS (SEE EROSION CONTROL PLAN).
2. INSTALL INLET PROTECTION FOR ALL EXISTING GRATE INLETS AND AT THE END OF ALL EXPOSED STORM SEWER PIPES, IF PRESENT.
3. CONSTRUCT TEMPORARY CONSTRUCTION EXIT.
4. COMMENCE GRUBBING AND REMOVAL OF VEGETATION IN AREA TO RECEIVE CUT OR FILL.
5. COMMENCE GRADING OPERATION FOR BUILDING PAD PREPARATION (SEE GRADING PLAN).
6. INSTALL ALL UNDERGROUND UTILITIES.
7. FINALIZE PAVEMENT SUBGRADE PREPARATION.
8. INSTALL ALL PROPOSED STORM SEWER PIPES AND INSTALL INLET PROTECTION FILTER FABRIC AT ENDS OF EXPOSED PIPES.
9. CONSTRUCT ALL GRATE INLETS AND DRAINAGE STRUCTURES. INLET PROTECTION FILTER FABRIC MAY BE REMOVED TEMPORARILY FOR THIS CONSTRUCTION.
10. REMOVE SILT FENCES AROUND INLETS AND MANHOLES NO MORE THAN 48 HOURS PRIOR TO PLACING STABILIZED BASE COURSE.
11. INSTALL BASE MATERIAL AS REQUIRED FOR PAVEMENT, CURB & GUTTER.
12. INSTALL ALL PAVING, CURB & GUTTER.
13. REMOVE TEMPORARY CONSTRUCTION EXIT, SILT FENCES, AND INLET PROTECTION DEVICES.
14. COMPLETE PLANTING AND/OR SEEDING OF VEGETATED AREAS TO ACCOMPLISH STABILIZATION, IN ACCORDANCE WITH THE LANDSCAPE PLAN.

WETLAND AREA: N/A

EROSION AND SEDIMENT CONTROLS:

STABILIZATION PRACTICES

THE CONTRACTOR SHALL DENUDE ONLY AREA WHERE IT IS EXPECTED TO BE GRADED OR ALTERED WITH A TWO (2) WEEK TIME FRAME. ALL PERVIOUS AREAS OF THE SITE INCLUDED IN GRADING THAT ARE DISTURBED DURING CONSTRUCTION SHALL BE GRADED AND PREPARED WITH COMBINATION OF SOD AND/OR SEEDING AND MULCHED.

TEMPORARY STABILIZATION

– TOP SOIL STOCK PILES AND DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY TEMPORARILY CEASES FOR AT LEAST 21 DAYS SHALL BE STABILIZED WITH TEMPORARY SEED AND MULCH NO LATER THAN 14 DAYS FROM THE LAST CONSTRUCTION ACTIVITY IN THAT AREA. GRASS SEED SHALL BE A MIXTURE OF 20 PARTS OF BERMUDA AND 80 PARTS OF PENSACOLA BAHIA. THE SEPARATE TYPES OF SEED USED SHALL BE THOROUGHLY DRY MIXED IMMEDIATELY BEFORE SOWING. SEED WHICH HAS BECOME STRAW OR HAY CONSISTING OF OAT, RYE OR WHEAT STRAW, OR OF PANOLA, PEANUT, COASTAL BERMUDA OR BAHIA GRASS HAY. ONLY UN-DETERIORATED MULCH WHICH CAN BE READILY CUT INTO THE SOIL SHALL BE USED. AREAS OF THE SITE WHICH ARE TO BE PAVED WILL BE TEMPORARILY STABILIZED BY APPLYING STABILIZATION AND BASE UNTIL BITUMINOUS PAVEMENT CAN BE APPLIED.

PERMANENT STABILIZATION

– DISTURBED PORTION OF THE SITE WHERE CONSTRUCTION ACTIVITY PERMANENTLY CEASES SHALL BE STABILIZED WITH SOD NO LATER THAN 14 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY.

WIND EROSION STABILIZATION

– AREAS WITHIN FUTURE UNITS WHERE EARTHWORK IS COMPLETED SHALL BE COMPLETELY SEEDED AND MULCHED. AREAS WHERE CONSTRUCTION OPERATIONS WILL BE CONTINUOUS, FUGITIVE DUST SHALL BE MANAGED BY APPLYING A WATER SPRAY TO SATURATE THE SURFACE SOILS ON A DAILY BASIS (OR AS NEEDED) TO MAINTAIN MINIMAL DUST TRANSPORT. FUGITIVE DUST SHALL BE MONITORED CONTINUOUSLY AND ADDITIONAL MEASURES MAY NEED TO BE TAKEN TO CONTROL OFF SITE TRANSPORT OF UNACCEPTABLE LEVELS OF DUST.

STRUCTURAL PRACTICES

EROSION PROTECTION – DURING THE CONSTRUCTION PHASES, APPROPRIATE PRACTICES INCLUDING, BUT NOT LIMITED TO: SILT FENCE BARRIERS, STABILIZED CONSTRUCTION ENTRANCES, ROCK CHECK DAMS, INLET PROTECTION WITH BLOCK AND GRAVEL AND FABRIC MATERIAL, AND WATERING OR OTHER METHODS NECESSARY WILL BE IMPLEMENTED TO CONTROL EROSION.

SEDIMENT TRAPS

– CONTRACTOR SHALL EXCAVATE AROUND ALL ON-SITE DRAINAGE INLETS AND PROVIDE EROSION CONTROL AND OVERFLOW MEASURES WHICH SHALL SERVICE AS LOCALIZED TEMPORARY SEDIMENT TRAPS. AT THE CONTRACTOR'S DISCRETION, THE AREAS SURROUNDING THE ON-SITE INLETS CAN BE EXCAVATED AS MUCH AS TWO FEET BELOW THE EXISTING GROUND IN ORDER TO ALLOW ANY SILT TO BE COLLECTED AND REMOVED PRIOR TO COMPLETION OF THE GRADING.

STORM WATER MANAGEMENT

STORM WATER DRAINAGE WILL BE PROVIDED BY AN ON-SITE STORM DRAIN AND CATCH BASIN SYSTEM. ANY ACCUMULATED SEDIMENT SHALL BE REMOVED FROM THE SEDIMENT BASINS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONSTRUCT AND CONTINUALLY MAINTAIN ALL STORM DRAINS AND RETENTION/DETENTION AREAS IN ACCORDANCE WITH THE APPROVED CONSTRUCTION PLANS.

SPECIFIED OTHER CONTROLS:

WASTE DISPOSAL

WASTE MATERIALS – ALL WASTE MATERIALS SHALL BE COLLECTED AND CONTAINED IN A CONTROLLED AREA PURSUANT TO ANY STATE AND/OR LOCAL SOLID WASTE REGULATIONS. ALL TRASH AND CONSTRUCTION DEBRIS GENERATED FROM CONSTRUCTION IS TO BE REMOVED FROM THE SITE AND DISPOSED OF APPROPRIATELY. NO CONSTRUCTION MATERIALS SHALL BE BURIED ON SITE. ALL PERSONNEL SHALL BE INSTRUCTED REGARDING THE CORRECT PROCEDURE FOR WASTE DISPOSAL. NOTICE STATING THESE PRACTICES SHALL BE POSTED IN THE CONSTRUCTION OFFICE TRAILER. THE JOB SITE SUPERINTENDENT (CONSTRUCTION MANAGER) RESPONSIBLE FOR THE DAY-TO-DAY SITE OPERATIONS SHALL BE RESPONSIBLE FOR SEEING THAT THESE PROCEDURES ARE FOLLOWED.

HAZARDOUS WASTE – IF ANY, ALL HAZARDOUS WASTE MATERIALS SHALL BE DISPOSED OF IN THE MANNER SPECIFIED BY STATE AND/OR LOCAL REGULATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED.

SANITARY WASTE – ALL SANITARY WASTE SHALL BE COLLECTED FROM THE PORTABLE UNITS BY A LICENSE SANITARY WASTE MANAGEMENT CONTRACTOR AS REQUIRED BY STATE AND/OR LOCAL CODES AND REGULATIONS.

OFFSITE VEHICLE TRACKING

A STABILIZED CONSTRUCTION ENTRANCE SHALL BE PROVIDED TO HELP REDUCE VEHICLE TRACKING OF SEDIMENTS. THE PAVED STREETS ADJACENT TO THE SITE ENTRANCE WILL BE SWEEP DAILY TO REMOVE ANY EXCESS MUD, DIRT OR ROCK TRACKED FROM THE SITE. DUMP TRUCKS HAULING MATERIAL FROM THE SITE SHALL BE COVERED WITH A TARPULIN.

TIMING OF CONTROL MEASURES:

AS INDICATED IN THE SEQUENCE OF MAJOR EVENTS, STAKED SILT FENCE AND STABILIZED CONSTRUCTION ENTRANCE SHALL BE CONSTRUCTED PRIOR TO CLEANING OR GRADING OF ANY OTHER PORTIONS OF THE SITE. AREAS WHERE CONSTRUCTION ACTIVITY TEMPORARILY CEASES FOR MORE THAN 21 DAYS SHALL BE STABILIZED WITH A TEMPORARY SEED AND MULCH WITHIN 14 DAYS OF THE LAST DISTURBANCE. ONCE CONSTRUCTION ACTIVITIES CEASES PERMANENTLY IN AN AREA, THAT AREA SHALL BE STABILIZED WITH PERMANENT SEED AND MULCH. AFTER THE ENTIRE SITE IS STABILIZED, THE ACCUMULATED SEDIMENT WILL BE REMOVED FROM THE SILT FENCE AND/OR CONTROLS SHALL BE REMOVED.

CERTIFICATION OF COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS:

THE STORM WATER POLLUTION PREVENTION PLAN REFLECTS THE JURISDICTIONAL AND WATER MANAGEMENT DISTRICT REQUIREMENTS FOR STORM WATER MANAGEMENT AND EROSION & SEDIMENT CONTROL AS ESTABLISHED BY THE JURISDICTION'S STORM WATER MANAGEMENT TECHNICAL MANUAL, THE FLORIDA ADMINISTRATIVE CODE, CHAPTER 40E-4 AND 40E-40, AND THE WATER MANAGEMENT DISTRICT.

MAINTENANCE/INSPECTION PRACTICES:

EROSION AND SEDIMENT CONTROL INSPECTION AND MAINTENANCE PRACTICES

THESE ARE THE INSPECTION AND MAINTENANCE PRACTICES THAT SHALL BE USED TO MAINTAIN EROSION AND SEDIMENT CONTROL:

1. LESS THAN ONE HALF OF THE SITE SHALL BE DENUEDED AT ONE TIME.
2. ALL CONTROL MEASURES SHALL BE INSPECTED AT LEAST ONCE EACH WEEK AND FOLLOWING ANY STORM EVENT OF 0.5-INCHES OR GREATER BY A CONTRACTOR'S REPRESENTATIVE.
3. ALL MEASURES SHALL BE MAINTAINED IN GOOD WORKING ORDER; IF A REPAIR IS NECESSARY, IT SHALL BE INITIATED WITHIN 24 HOURS OF REPORT.
4. BUILT UP SEDIMENT SHALL BE REMOVED FROM SILT FENCE WHEN IT HAS REACHED ONE-THIRD THE HEIGHT OF THE SILT FENCE.
5. SILT FENCE SHALL BE INSPECTED REGULARLY FOR DEPTH OF SEDIMENT, TEARS, TO SEE IF THE FABRIC IS SECURELY ATTACHED TO THE FENCE POSTS, AND TO SEE THAT THE FENCE POSTS ARE FIRMLY IN THE GROUND.
6. THE SEDIMENT BASINS, IF PRESENT, SHALL BE INSPECTED FOR DEPTH OF SEDIMENT, AND BUILT UP SEDIMENT SHALL BE REMOVED WHEN IT REACHES 10% OF THE DESIGN CAPACITY OR AT THE END OF THE JOB.
7. TEMPORARY AND PERMANENT GRASSING AND MULCHING AND SODDING SHALL BE INSPECTED FOR BARE SPOTS, WASHOUTS, AND HEALTHY GROWTH.
8. A MAINTENANCE INSPECTION REPORT SHALL BE MADE AFTER EACH INSPECTION BY THE CONTRACTOR AND SHALL BE KEPT IN AN ACTIVE LOG READILY AVAILABLE AT THE JOB SITE.
9. EITHER THE SITE SUPERINTENDENT OR HIS DESIGNEES SHALL BE RESPONSIBLE FOR INSPECTIONS, MAINTENANCE, REPAIR ACTIVITIES AND COMPLETING THE INSPECTION AND MAINTENANCE REPORT.
10. PERSONNEL SELECTED FOR INSPECTION AND MAINTENANCE RESPONSIBILITIES SHALL RECEIVE TRAINING FROM THE SITE SUPERINTENDENT. THEY SHALL BE TRAINED IN ALL THE INSPECTION AND MAINTENANCE PRACTICES NECESSARY FOR KEEPING THE EROSION AND SEDIMENT CONTROLS USED ON SITE IN GOOD WORKING ORDER.

NON-STORM WATER DISCHARGE

IT IS EXPECTED THAT THE FOLLOWING NON-STORM WATER DISCHARGES WHICH ARE ALLOWED UNDER THE NPDES GENERAL PERMIT MAY OCCUR FROM THE SITE DURING THE CONSTRUCTION PERIOD. THESE TYPES OF DISCHARGES WILL BE ALLOWED UNDER THE CONDITIONS THAT NO POLLUTANTS WILL BE ALLOWED TO COME IN CONTACT WITH THE WATER PRIOR TO OR AFTER ITS DISCHARGE.

1. DISCHARGES FROM FIREFIGHTING ACTIVITIES.
2. FIRE HYDRANT FLUSHINGS (SEE NOTE BELOW).
3. WATER USED TO SPRAY OFF LOOSE SOLIDS FROM VEHICLES (WASTE WATERS FROM A MORE THOROUGH CLEANING, INCLUDING THE USE OF DETERGENTS OR OTHER CLEANERS IS NOT AUTHORIZED BY THIS PART) OR CONTROL DUST IN ACCORDANCE WITH PART V.D.2.c (2) OF THE GENERAL PERMIT.
4. POTABLE WATER SOURCES SUCH AS WATERLINE FLUSHINGS, ROUTINE EXTERNAL BUILDING WASHDOWN WHICH DOES NOT USE DETERGENTS, IRRIGATION DRAINAGE (WITHOUT DETERGENTS PRESENT) (SEE NOTE BELOW).
5. PAVEMENT WASHWATERS WHERE SPILLS OR LEAKS OF TOXIC OR HAZARDOUS MATERIALS HAVE NOT OCCURRED (UNLESS ALL SPILL MATERIALS HAS BEEN REMOVED) AND WHERE DETERGENTS HAVE NOT BEEN USED.
6. AIR CONDITIONING CONDENSATE.
7. SPRINGS.
8. FOUNDATION OR FOOTING DRAINS WHERE FLOWS WHERE NO CONTAMINATION WITH PROCESS MATERIALS SUCH AS SOLVENTS IS PRESENT.

NOTE: CONTRACTOR SHALL NEUTRALIZE ANY SUPER-CHLORINATED WATER FROM WATER DISTRIBUTION PIPES BEFORE RELEASING IT INTO THE ENVIRONMENT. NEUTRALIZATION TECHNIQUES ARE AVAILABLE FROM THE ENGINEER.

INVENTORY FOR POLLUTION PREVENTION PLAN:

THE FOLLOWING MATERIALS OR SUBSTANCES WITH KNOWN HAZARDOUS PROPERTIES ARE EXPECTED TO BE PRESENT ONSITE DURING CONSTRUCTION: CLEANING SOLVENTS, DETERGENTS, PETROLEUM BASED PRODUCTS, PAINTS, PAINT SOLVENTS, ACIDS, FERTILIZERS, PESTICIDES, CONCRETE, CONCRETE ADDITIVES, ASPHALTIC CONCRETE, TAR AND SOIL STABILIZATION ADDITIVES.

SPILL PREVENTION:

MATERIAL MANAGEMENT PRACTICES

THE FOLLOWING ARE THE MATERIAL MANAGEMENT PRACTICES THAT SHALL BE USED TO REDUCE THE RISK OF SPILL OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES TO STORM WATER RUNOFF.

GOOD HOUSEKEEPING:

THE FOLLOWING GOOD HOUSEKEEPING PRACTICES SHALL BE FOLLOWED ONSITE DURING THE CONSTRUCTION PROJECT.

1. AN EFFORT SHALL BE MADE TO STORE ONLY PRODUCTS REQUIRED TO COMPLETE THE PROJECT.
2. ALL MATERIALS STORED ON SITE SHALL BE STORED IN A NEAT ORDERLY MANNER IN THEIR APPROPRIATE CONTAINERS AND IF POSSIBLE, UNDER A ROOF OR OTHER CONTAINED ENCLOSURE.
3. PRODUCTS SHALL BE KEPT IN THEIR ORIGINAL CONTAINERS WITH THE ORIGINAL MANUFACTURER'S LABEL.
4. SUBSTANCES SHALL NOT BE MIXED WITH ONE ANOTHER UNLESS RECOMMENDED BY THE MANUFACTURER.
5. WHEREVER POSSIBLE, ALL OF THE PRODUCT SHALL BE USED BEFORE DISPOSING OF THE CONTAINER.

6. MANUFACTURER'S RECOMMENDATIONS FOR PROPER USE AND DISPOSAL SHALL BE FOLLOWED.

7. THE SITE SUPERINTENDENT SHALL INSPECT DAILY TO ENSURE PROPER USE AND DISPOSAL OF MATERIALS ON SITE.

HAZARDOUS PRODUCTS:

THESE PRACTICES ARE USED TO REDUCE THE RISKS ASSOCIATED WITH HAZARDOUS MATERIALS.

1. PRODUCTS SHALL BE KEPT IN ORIGINAL CONTAINERS UNLESS THE CONTAINERS ARE NOT SEALABLE.
2. ORIGINAL LABELS AND MATERIAL SAFETY DATA SHEETS (MSDS) SHALL BE RETAINED; THEY CONTAIN IMPORTANT PRODUCT INFORMATION.
3. IF SURPLUS PRODUCT MUST BE DISPOSED OF, MANUFACTURER'S AND/OR STATE AND LOCAL RECOMMENDED METHODS OF PROPER DISPOSAL SHALL BE FOLLOWED.

PRODUCT SPECIFIC PRACTICE

PETROLEUM PRODUCTS:

ALL ON SITE VEHICLES SHALL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTATIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE. PETROLEUM PRODUCTS SHALL BE STORED IN TIGHTLY SEALED CONTAINERS WHICH ARE CLEARLY LABELED. ANY ASPHALT SUBSTANCES USED ONSITE SHALL BE APPLIED ACCORDINGLY TO THE MANUFACTURER'S RECOMMENDATIONS.

FERTILIZERS:

FERTILIZERS SHALL BE APPLIED ONLY IN THE MINIMUM AMOUNT RECOMMENDED BY THE MANUFACTURER. ONCE APPLIED, FERTILIZER SHALL BE WORKED INTO THE SOIL TO LIMIT EXPOSURE TO STORM WATER. STORAGE SHALL BE IN A COVERED SHED. THE CONTENTS OF ANY PARTIALLY USED BAGS OF FERTILIZER SHALL BE TRANSFERRED TO A SEALABLE PLASTIC BIN TO AVOID SPILLS.

PAINTS:

ALL CONTAINERS SHALL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. EXCESS PAINT SHALL NOT BE DISCHARGED TO THE STORM SEWER SYSTEM BUT SHALL BE PROPERLY DISPOSED OF ACCORDING TO MANUFACTURER'S INSTRUCTIONS AND/OR STATE AND LOCAL REGULATIONS.

CONCRETE TRUCKS:

CONTRACTOR SHALL DESIGNATE AN AREA FOR DISCHARGE OF SURPLUS CONCRETE OR DRUM WASH WATER AND SHALL INSTALL A CONTAINMENT BERM AROUND THIS AREA TO PREVENT RUNOFF TO THE REMAINDER OF THE SITE. HARD DEBRIS SHALL BE DISPOSED OF BY CONTRACTOR UPON COMPLETION OF THE PROJECT.

SPILL CONTROL PRACTICES:

IN ADDITION TO THE GOOD HOUSEKEEPING AND MATERIALS PRACTICES DISCUSSED IN THE PREVIOUS SECTIONS OF THIS PLAN, THE FOLLOWING PRACTICES SHALL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP:

1. MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEAN UP SHALL BE CLEARLY POSTED AND SITE PERSONNEL SHALL BE MADE AWARE OF THE PROCEDURES AND THE LOCATION OF THE INFORMATION AND CLEAN UP SUPPLIES. MATERIAL SAFETY DATA SHEET (MSDS's) FOR EACH SUBSTANCE WITH HAZARDOUS PROPERTIES THAT IS USED ON THE JOB SITE SHALL BE OBTAINED AND USED FOR THE PROPER MANAGEMENT OF POTENTIAL WASTES THAT MAY RESULT FROM THESE PRODUCTS. AN MSDS WILL BE POSTED IN THE IMMEDIATE AREA WHERE SUCH PRODUCT IS STORED AND/OR USED AND ANOTHER COPY OF EACH MSDS WILL BE MAINTAINED IN THE SWPPP FILE AT THE JOB SITE CONSTRUCTION TRAILER OFFICE.
2. MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEAN UP SHALL BE KEPT IN THE MATERIAL STORAGE AREA ONSITE. EQUIPMENT AND MATERIALS SHALL INCLUDE, BUT NOT BE LIMITED TO BROOMS, DUST PANS, MOPS, RAGS, GLOVES, GOGGLES, KITTY LITTER ABSORBENT, SAND, SAWDUST, AND PLASTIC AND METAL TRASH CONTAINERS SPECIFICALLY FOR THIS PURPOSE.
3. ALL SPILLS SHALL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY.
4. THE SPILL AREA SHALL BE KEPT WELL VENTILATED AND PERSONNEL SHALL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH HAZARDOUS SUBSTANCE.
5. SPILLS OF TOXIC OR HAZARDOUS MATERIAL SHALL BE REPORTED TO THE APPROPRIATE STATE OR LOCAL GOVERNMENT AGENCY, REGARDLESS OF THE SIZE.

THE SPILL PREVENTION PLAN SHALL BE ADJUSTED TO INCLUDE MEASURES TO PREVENT THIS TYPE OF SPILL FROM RECURRING AND THE CLEAN UP PROCEDURES FOR FUTURE USE. A DESCRIPTION OF THE SPILL, ITS CAUSE AND THE CLEAN UP MEASURES SHALL ALSO BE NOTED. ANY OWNER OR OPERATOR OF A FACILITY WHO HAS KNOWLEDGE OF ANY RELEASE OF A HAZARDOUS SUBSTANCE FROM A FACILITY IN A QUANTITY EQUAL TO OR EXCEEDING THE REPORTABLE QUANTITY IN A 24 HOUR PERIOD SHALL NOTIFY THE STATE WARNING POINT WITHIN ONE WORKING DAY OF THE RELEASE. FDEP 24-HOUR STATE WARNING POINT HOTLINE NUMBER IS 1-800-320-0519.

NOTICE OF TERMINATION:

A NOTICE OF TERMINATION SHALL BE SUBMITTED TO THE FDEP AFTER THE CONSTRUCTION HAS BEEN COMPLETED AND THE SITE HAS UNDERGONE FINAL STABILIZATION.

POLLUTION PREVENTION PLAN CERTIFICATION:

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS."


NAME: \_\_\_\_\_ TITLE: \_\_\_\_\_

COMPANY: \_\_\_\_\_ DATE: \_\_\_\_\_

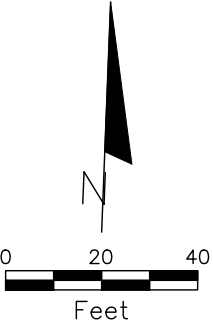
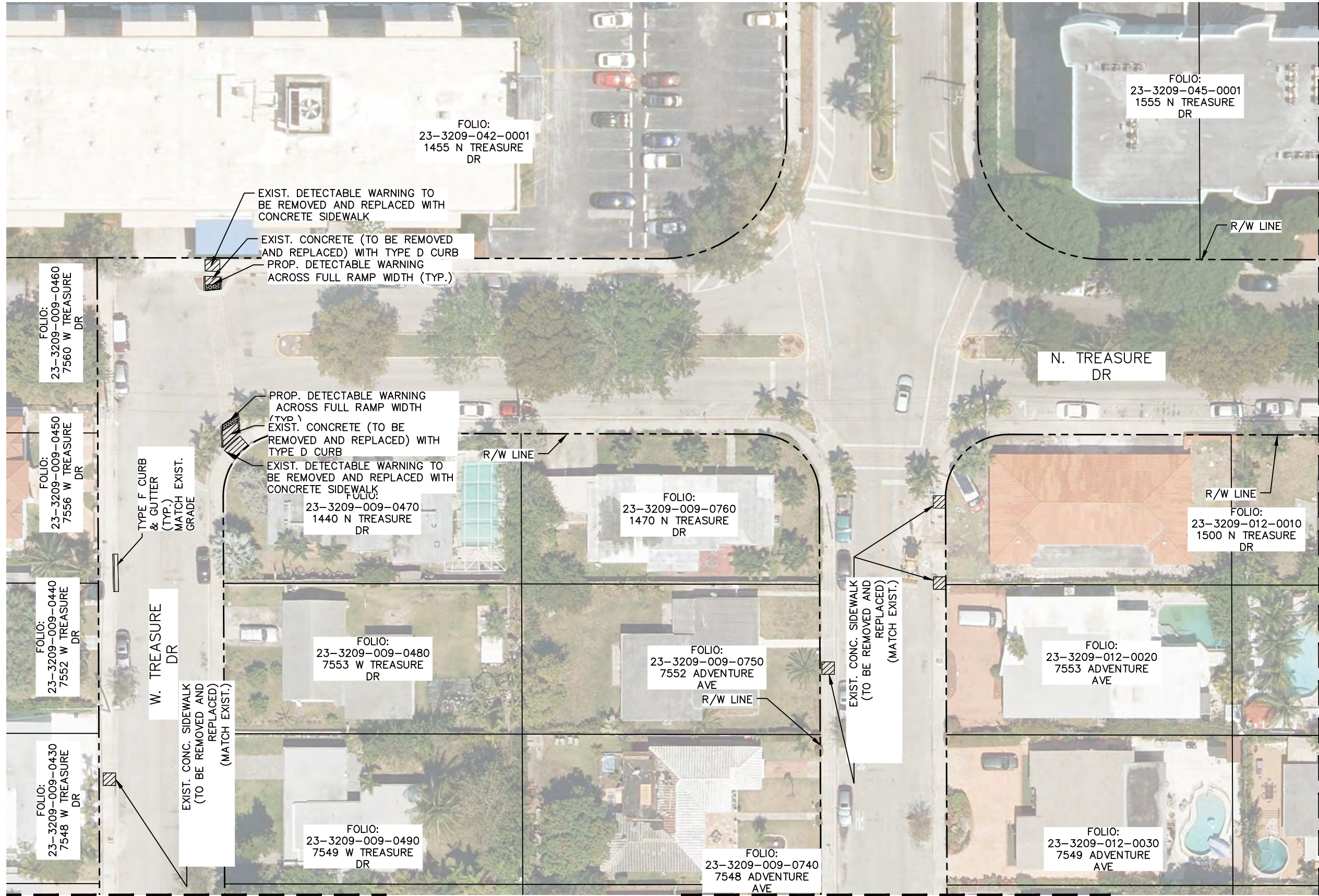
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CONTRACTOR'S CERTIFICATION:

I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND, AND SHALL COMPLY WITH, THE TERMS AND CONDITIONS OF THE STATE OF FLORIDA GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES AND THIS STORMWATER POLLUTION PREVENTION PLAN PREPARED THEREUNDER."

REVISIONS				 CLAUDIA M. PEREZ, P.E. FLORIDA LICENSE NO.: 87238 6401 SW 87th Avenue, Suite 200 Miami, Florida 33173 Tel: 305.670.2350 Fax: 305.670.2351 www.bcceng.com Certificate of Authorization No. 7184	CITY OF NORTH BAY VILLAGE			TREASURE ISLAND ADA IMPROVEMENTS		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NUMBER			

STORMWATER POLLUTION PROTECTION PLAN



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MATCH LINE - SEE SHEET NO. 10 (TOP VIEW)

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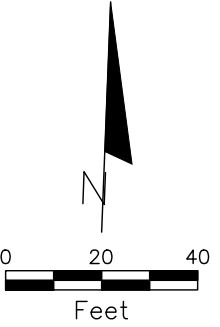
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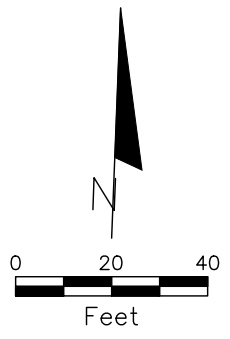
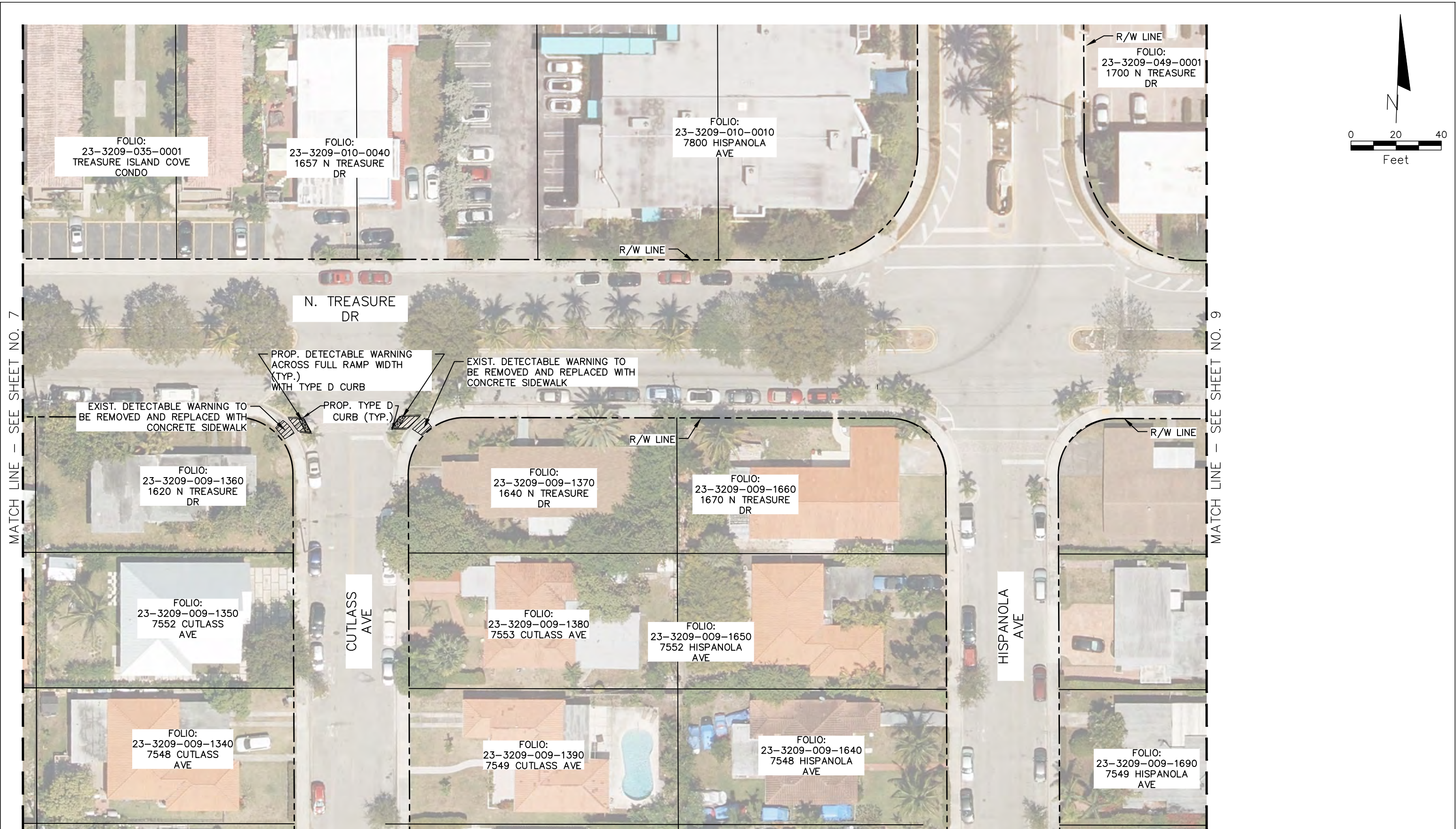
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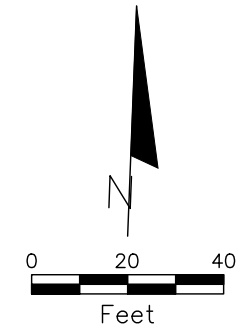
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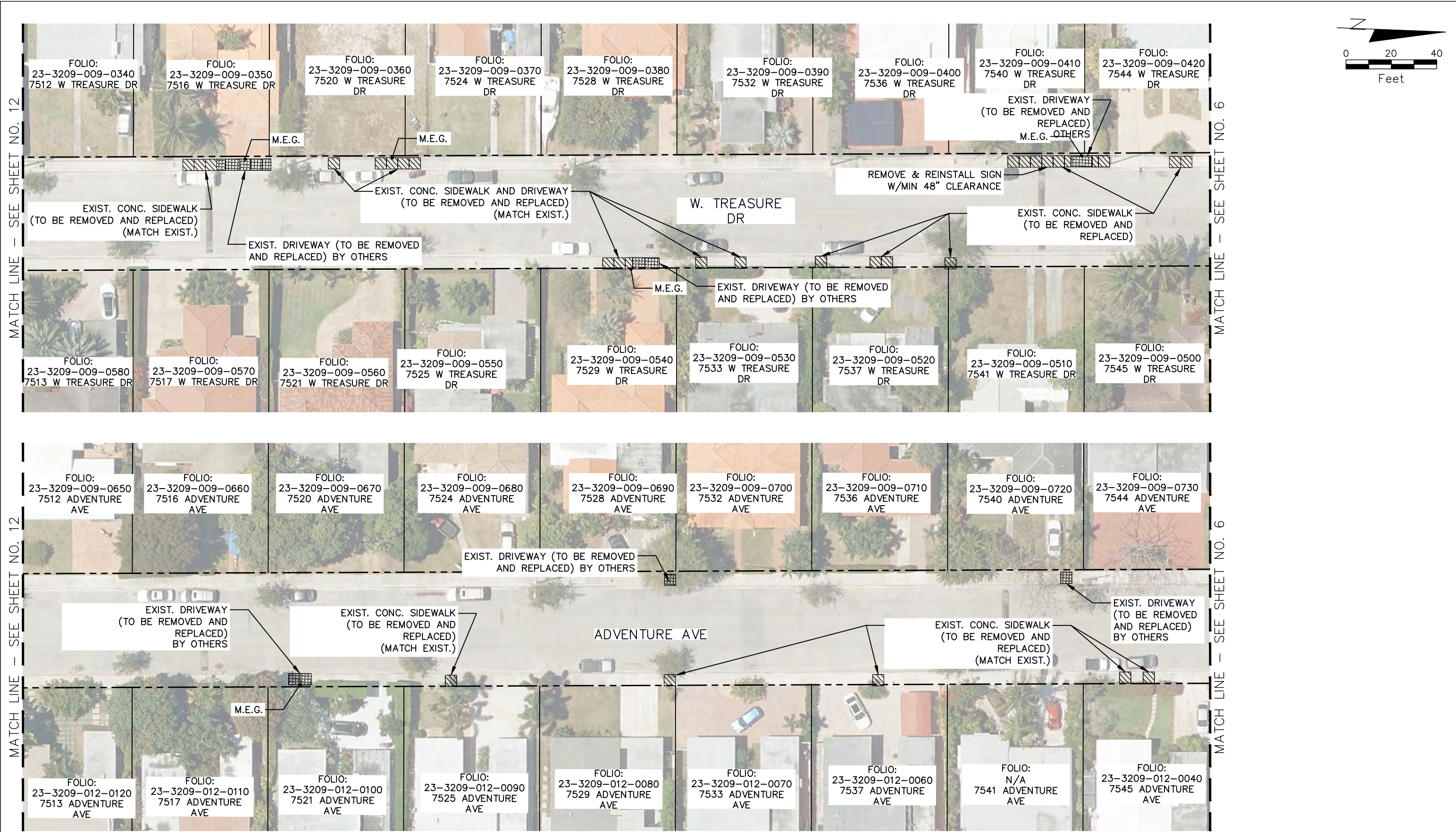
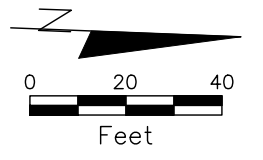
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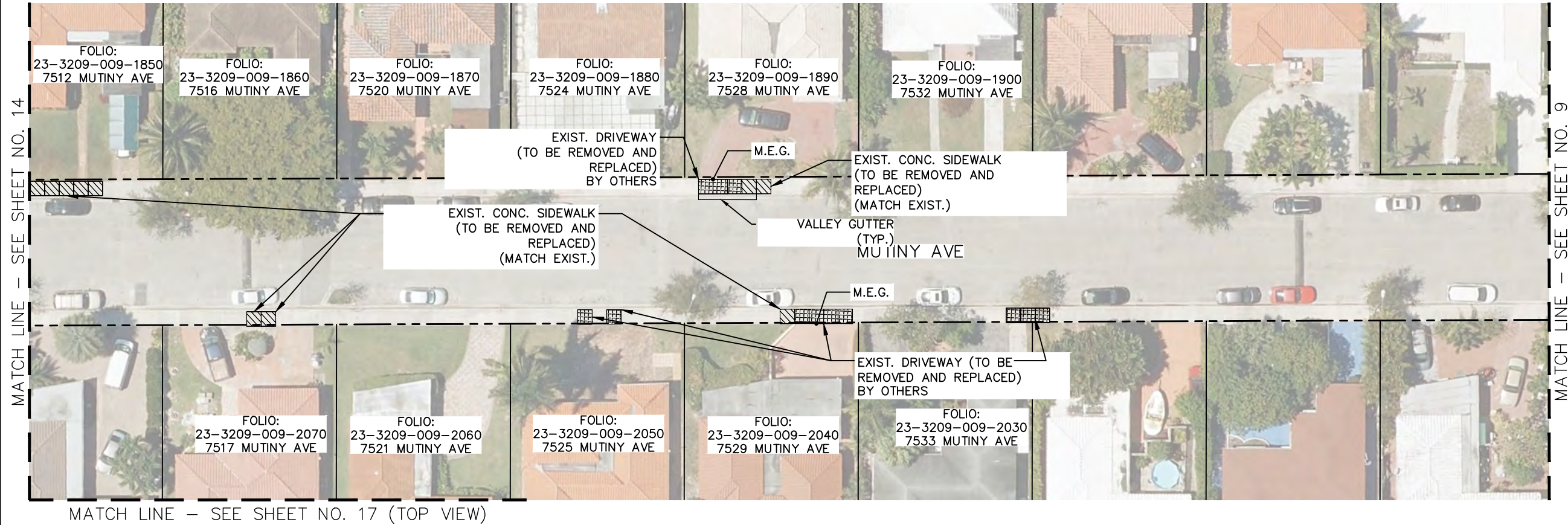
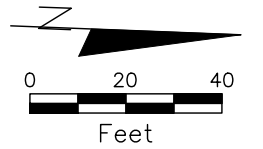
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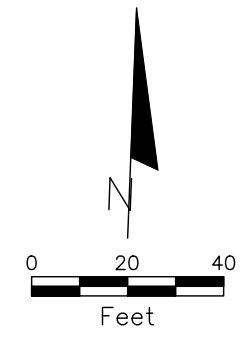
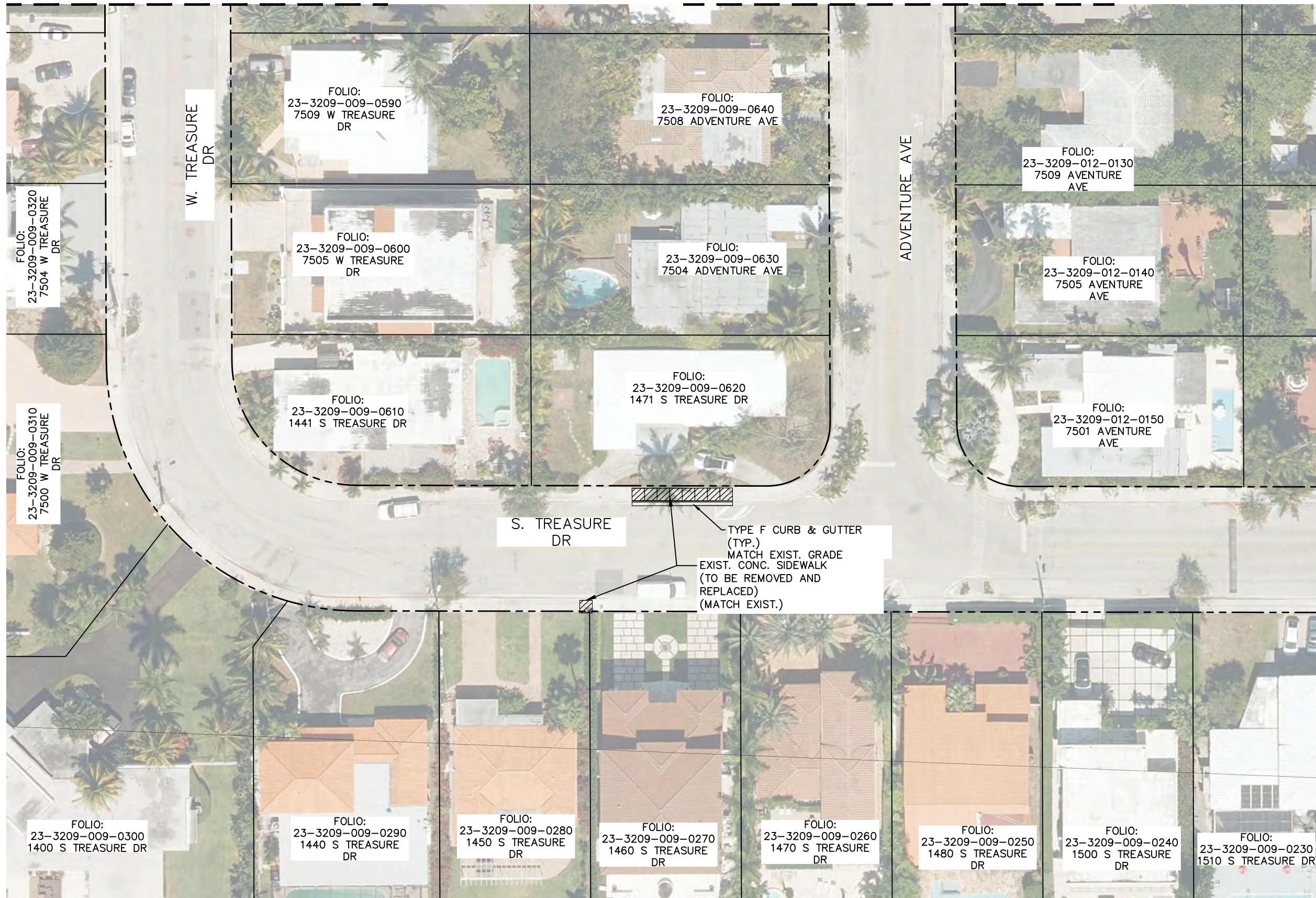
CITY OF NORTH BAY VILLAGE		
ROAD NO.	COUNTY	PROJECT NUMBER
-	MIAMI-DADE COUNTY	0190151.01

TREASURE ISLAND ADA IMPROVEMENTS
TREASURE ISLAND IMPROVEMENTS

SHEET NO.
11

MATCH LINE - SEE SHEET NO. 10 (TOP VIEW)

MATCH LINE - SEE SHEET NO. 10 (BOTTOM VIEW)



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

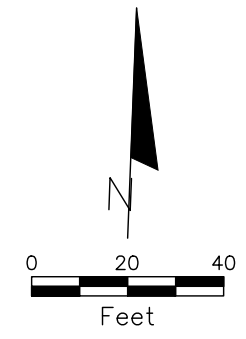
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ROAD NO.	COUNTY	PROJECT NUMBER
-	MIAMI-DADE COUNTY	0190151.01

TREASURE ISLAND ADA IMPROVEMENTS
TREASURE ISLAND IMPROVEMENTS

SHEET NO.
12



MATCH LINE - SEE SHEET NO. 14

EXIST. CONC. DRIVEWAY (TO BE REMOVED AND REPLACED) BY OTHERS

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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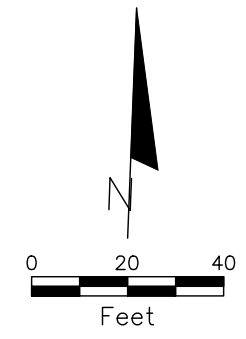
CITY OF NORTH BAY VILLAGE		
ROAD NO.	COUNTY	PROJECT NUMBER
-	MIAMI-DADE COUNTY	0190151.01

TREASURE ISLAND ADA IMPROVEMENTS
TREASURE ISLAND IMPROVEMENTS

SHEET NO.
13

MATCH LINE - SEE SHEET NO. 11 (BOTTOM VIEW)

MATCH LINE - SEE SHEET NO. 17 (TOP VIEW)



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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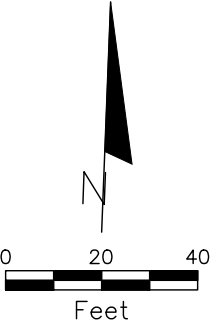
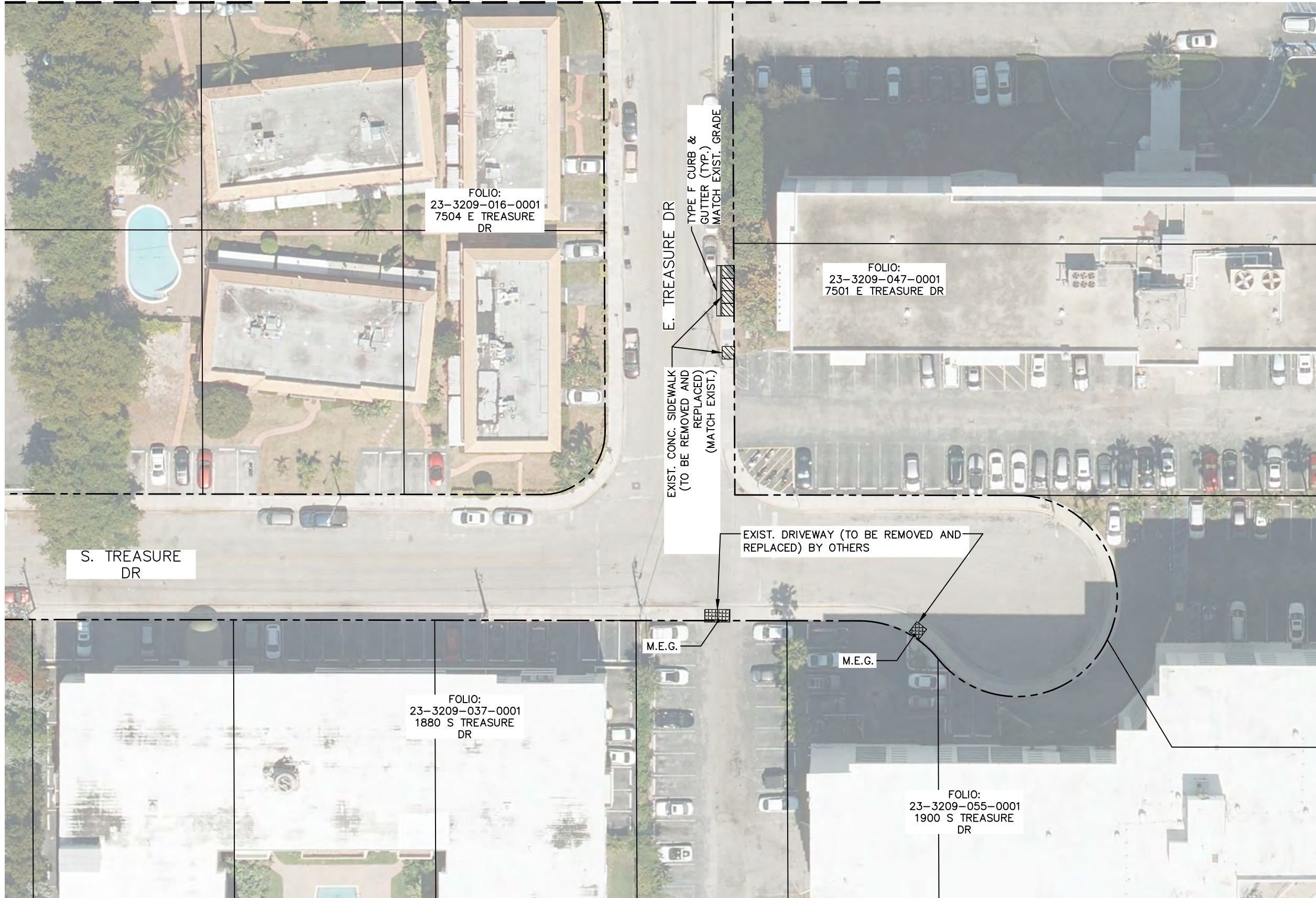
CITY OF NORTH BAY VILLAGE		
ROAD NO.	COUNTY	PROJECT NUMBER
-	MIAMI-DADE COUNTY	0190151.01

TREASURE ISLAND ADA IMPROVEMENTS
TREASURE ISLAND IMPROVEMENTS

SHEET NO.
14

MATCH LINE - SEE SHEET NO. 17 (BOTTOM VIEW)

MATCH LINE - SEE SHEET NO. 16 (TOP VIEW)



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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ROAD NO.	COUNTY	PROJECT NUMBER
-	MIAMI-DADE COUNTY	0190151.01

TREASURE ISLAND ADA IMPROVEMENTS
TREASURE ISLAND IMPROVEMENTS

SHEET NO.
15

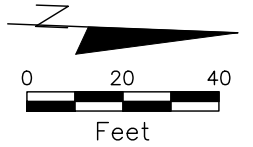
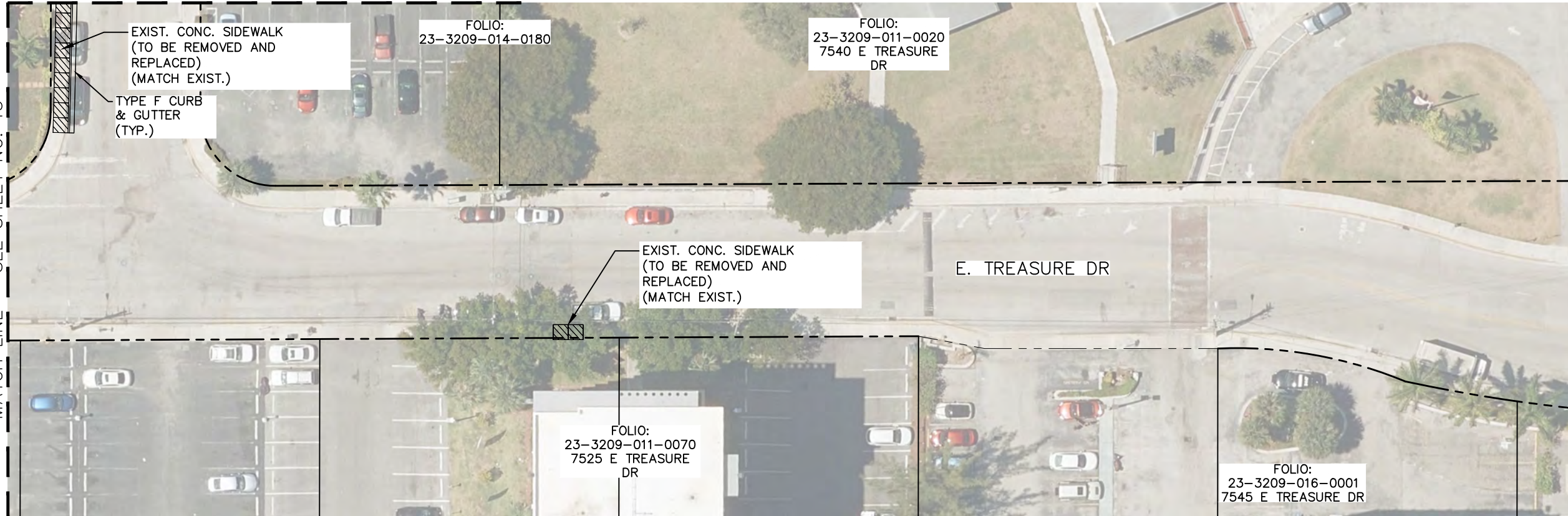
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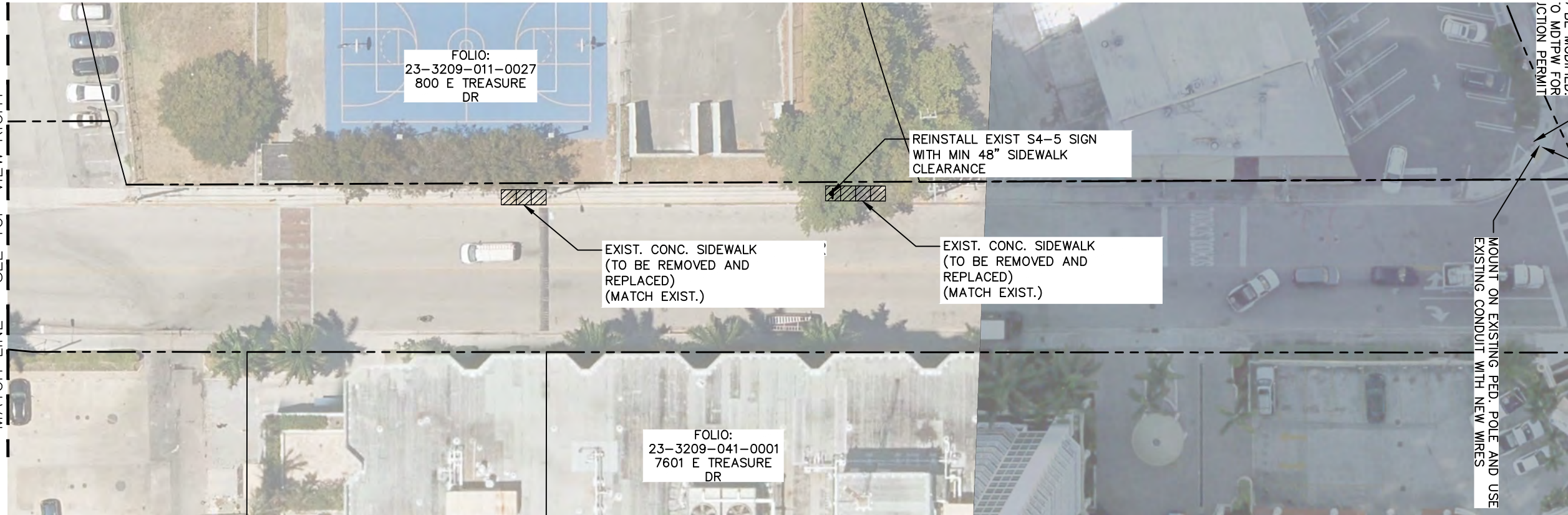
MATCH LINE - SEE SHEET NO. 17 (BOTTOM VIEW)

MATCH LINE - SEE SHEET NO. 15

MATCH LINE - SEE BOTTOM VIEW LEFT



MATCH LINE - SEE TOP VIEW RIGHT



TO BE MODIFIED.  
NO MDTPW FOR  
ACTION PERMIT

MOUNT ON EXISTING PED. POLE AND USE  
EXISTING CONDUIT WITH NEW WIRES

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

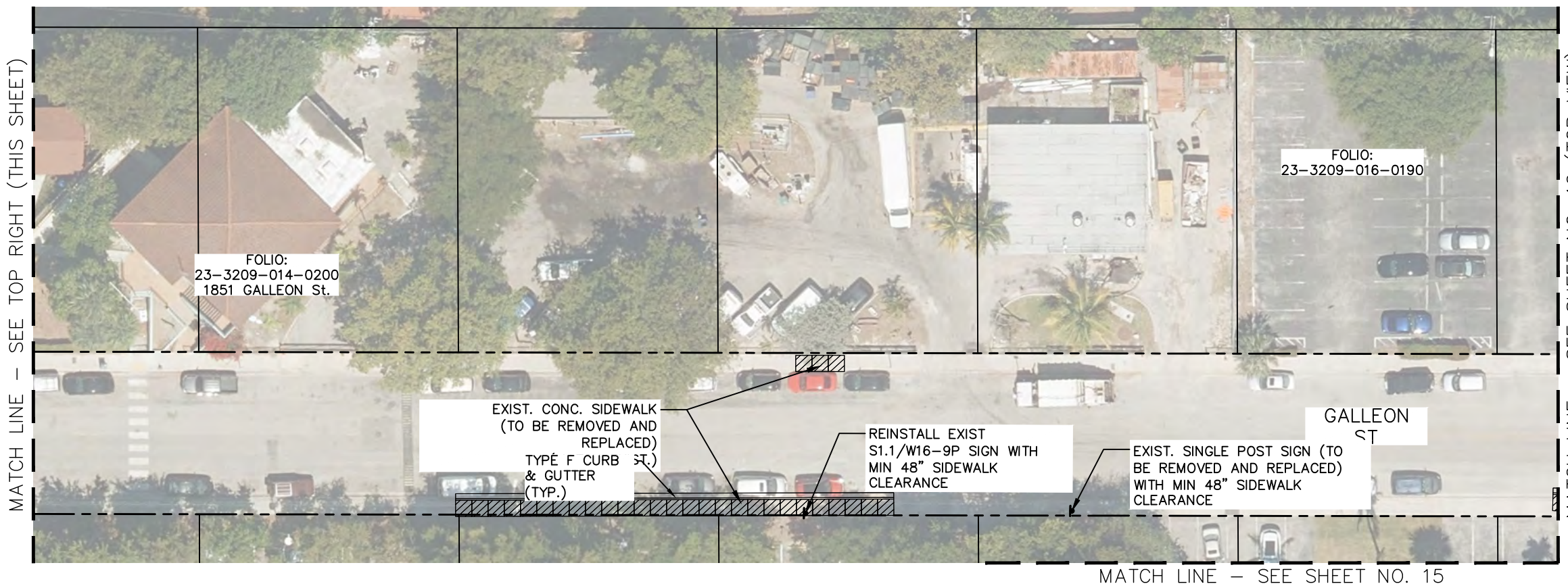
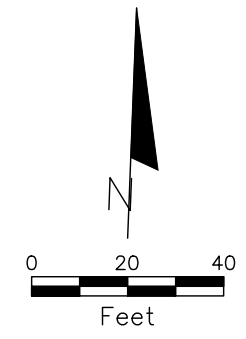
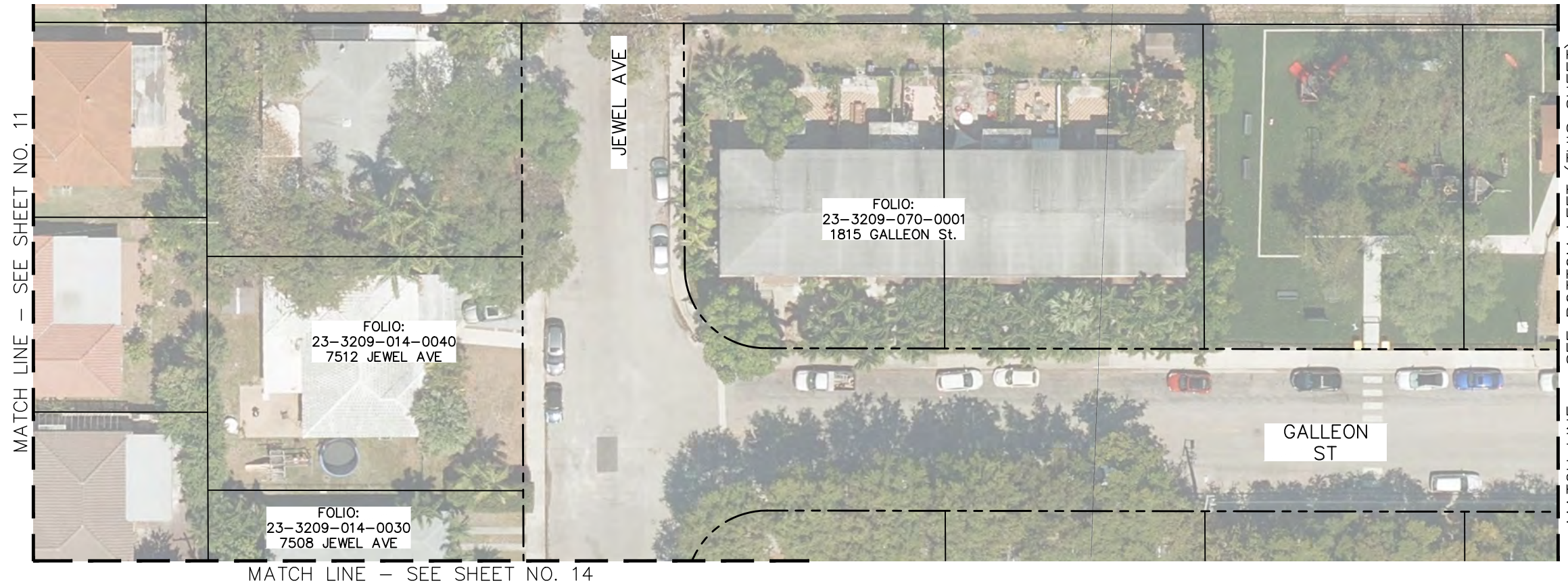
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ROAD NO.	COUNTY	PROJECT NUMBER
-	MIAMI-DADE COUNTY	0190151.01


TREASURE ISLAND ADA IMPROVEMENTS
TREASURE ISLAND IMPROVEMENTS

SHEET NO.
16





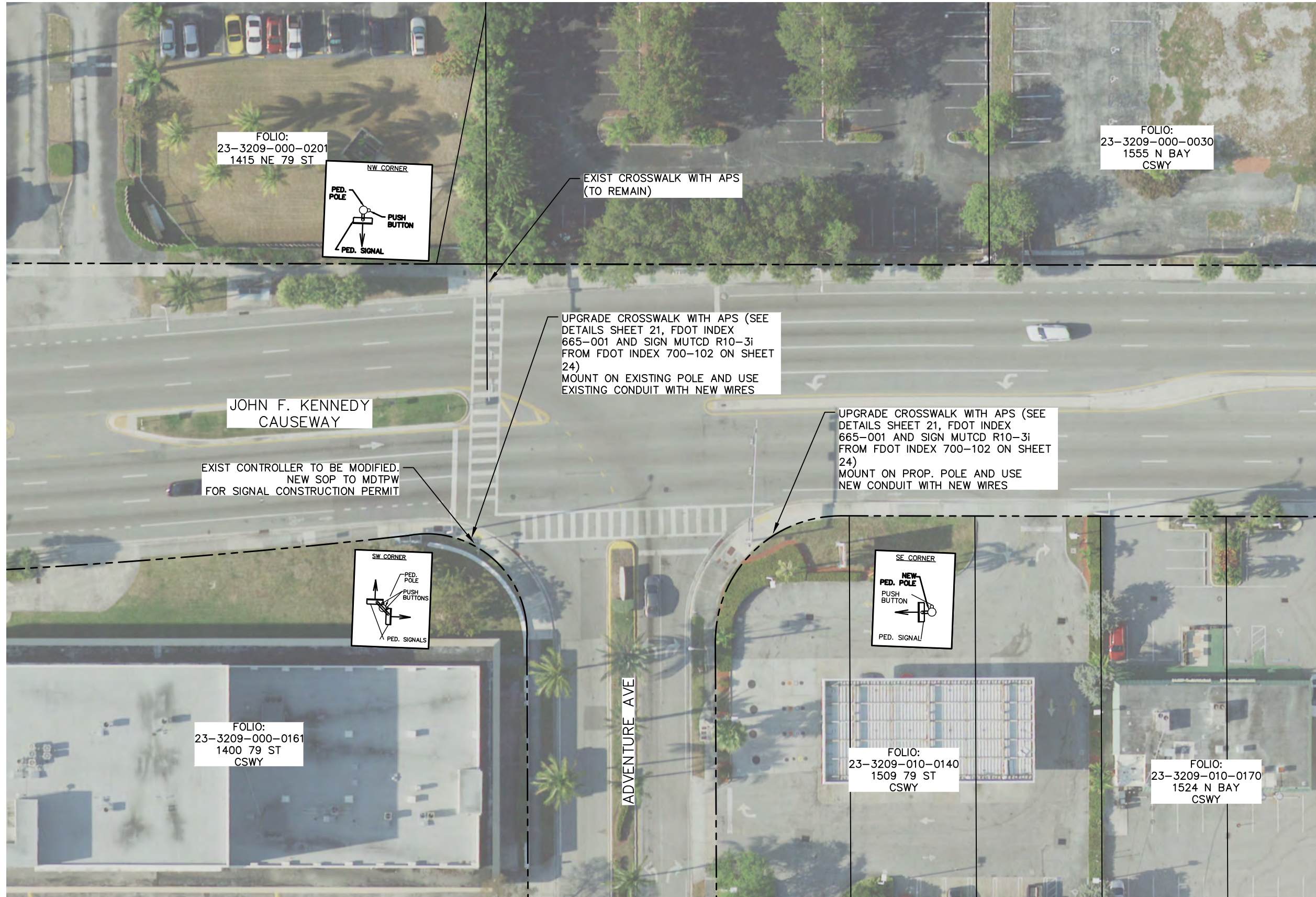
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION


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ROAD NO.	COUNTY	PROJECT NUMBER
-	MIAMI-DADE COUNTY	0190151.01

TREASURE ISLAND ADA IMPROVEMENTS
TREASURE ISLAND IMPROVEMENTS

SHEET NO.
17



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

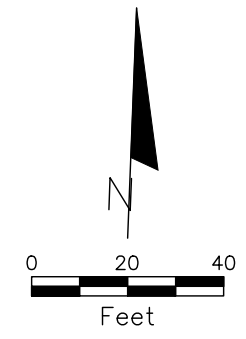
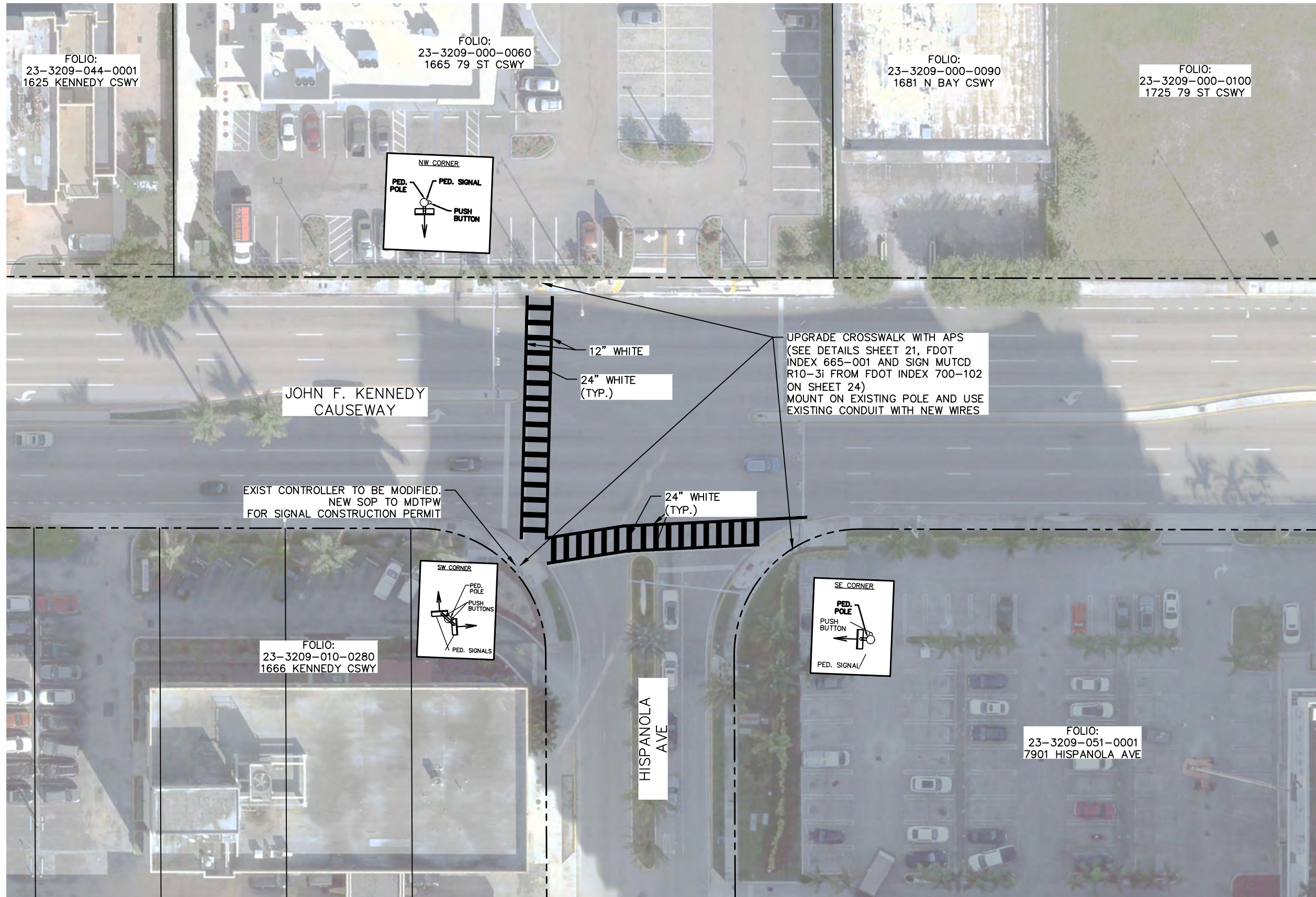
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ROAD NO.	COUNTY	PROJECT NUMBER
-	MIAMI-DADE COUNTY	0190151.01

TREASURE ISLAND ADA IMPROVEMENTS
TREASURE ISLAND IMPROVEMENTS

SHEET NO.
18



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

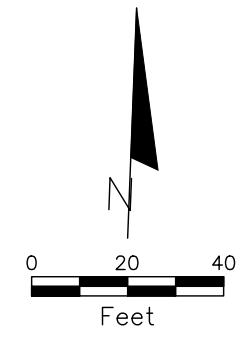
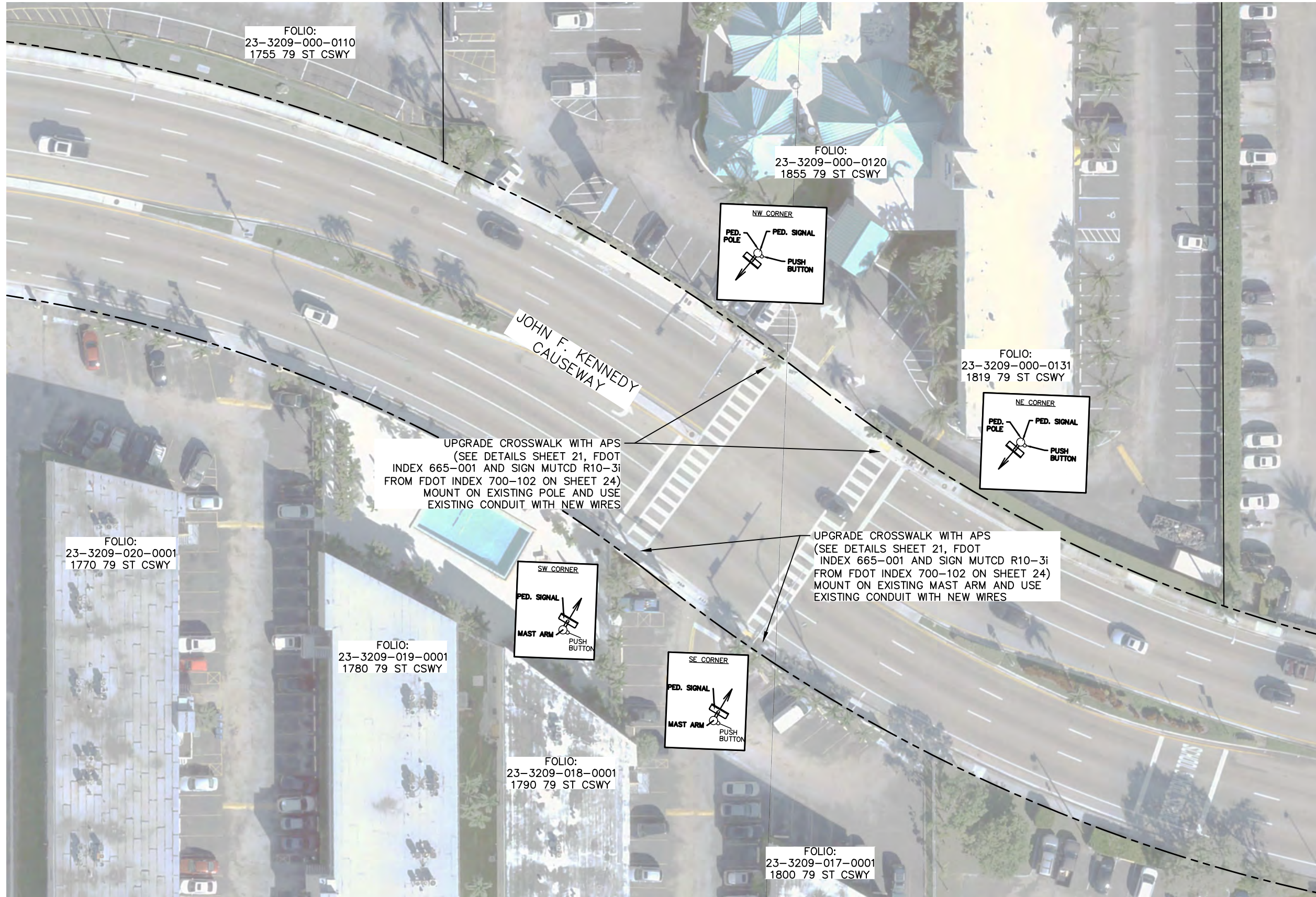
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ROAD NO.	COUNTY	PROJECT NUMBER
-	MIAMI-DADE COUNTY	0190151.01

TREASURE ISLAND ADA IMPROVEMENTS
TREASURE ISLAND IMPROVEMENTS

SHEET NO.
19



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

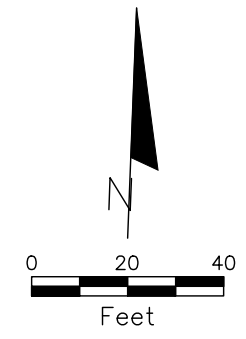
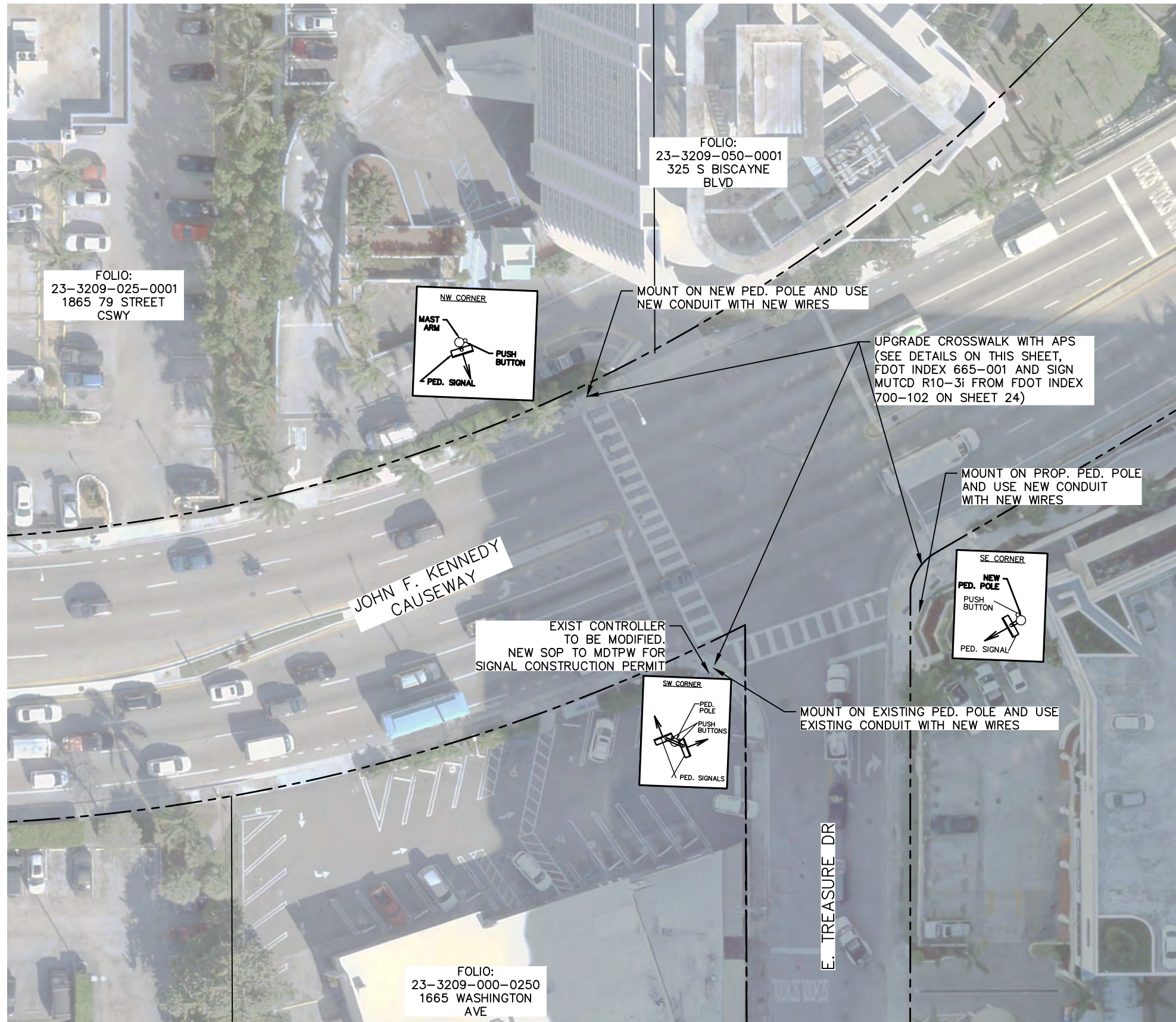
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-	MIAMI-DADE COUNTY	0190151.01

TREASURE ISLAND ADA IMPROVEMENTS
TREASURE ISLAND IMPROVEMENTS

SHEET NO.
20



**Campbell Company**  
Leader in Pedestrian Safety  
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**Guardian Bluetooth® 4-Wire APS**

The Guardian APS 4-Wire Push Button Station comes with a Bluetooth® option, and is ready to install out of the box. A four conductor cable connects the Signal Power Interface (SPI) in the pedestrian signal head to the pedestrian station. The housing, machined from solid 6061 T6 AL and stainless steel materials, is virtually vandal proof. The ADA compliant push button is designed to withstand severe impact. The Guardian provides essential information and audible indications required by the MUTCD and TAC making the intersection accessible for all pedestrians. All sounds emanate from the front and side of the station where the pedestrian is positioned to enter into the crosswalk. A face plate and sign, in a variety of sizes with security mounting hardware, make it the most robust APS station on the market.

**Key Features**

- PedConnex™ and PedConnex™ BT are factory supplied downloadable software for USB and Bluetooth® interface allowing station configuration and customization
- PedConnex™ BT and the optional Bluetooth® module operate with Android, and iOS apps are password protected.
- Out of the box and on to the pole pre-programmed and customized for plug and play installation at the intersection.
- Quick button set-up and recovery for replacement / knockdown
- Fail safe default reverts to standard push button operation in flash.
- Agency or factory generated audible indication files are easily uploaded to PedConnex™ and transferred via Bluetooth or USB connectivity
- Quite Signal Technology (QST™) includes firmware settings for time of day functionality combined with port baffles that provide sound directionality – not 360° uncontrolled broadcasting
- Intersection phase sound sync
- Beaconing functionality is designed into the Guardian.
- External speaker option available at the time of order
- Off Mode function operates as a latching PPB with Dee Dah acknowledgement.
- Configuration profiles provide consistency for residential, business, and heavy traffic installations.

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Campbell Company Inc. 2019 Doc.XXX Rev A Page 1 of 2

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**Operating Specifications**

Parameter	Rating
Operating Temperature Range	-34°C to +74°C -30 °F to +165°F
Operating Force	3.0 Maximum
MTFB	1,200,000 hrs. (136 years)
Switch Operating Life	Greater than 100 Million Operations
Maximum Volume	100 dB @ 1 meter

Station Size	5" x 7.75"	9" x 12"	9" x 15"
PN#	501-0801	501-0801/511	501-0801/512

Guardian Bluetooth® Module 501-0650

Please specify Part Number and following attributes:

1. Color	2. Screw Type	3. Arrow type
Textured Black	Standard Phillips	Field Selectable (FS)
Federal Yellow	Pinned Torx (T)	Double Arrow DA
Gloss Black	Allen Head (Allen)	No Arrow (NA)
Unpainted/ Natural		
Other (specify)*		

**Design Compliance**

Test Type	Compliance
Functionality	MUTCD 2009 - 4 E
Temperature and Humidity	NEMA TS2
Transient Voltage Protection	NEMA TS2
Transient Suppression	IEC 61000-4-4, IEC 61000-4-5 FCC Title 47, Part 15 Class B
Electronic Noise	NEMA TS2
Mechanical Shock and Vibration	NEMA TS2
Guardian PBS enclosure	NEMA 250 - Type 4X
Electrical Reliability	NEMA TS4
Bluetooth® Specification	Bluetooth® SIG member

All certifications performed by Certified Independent Testing Laboratories.

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Campbell Company Inc. 2019 Page 2 of 2

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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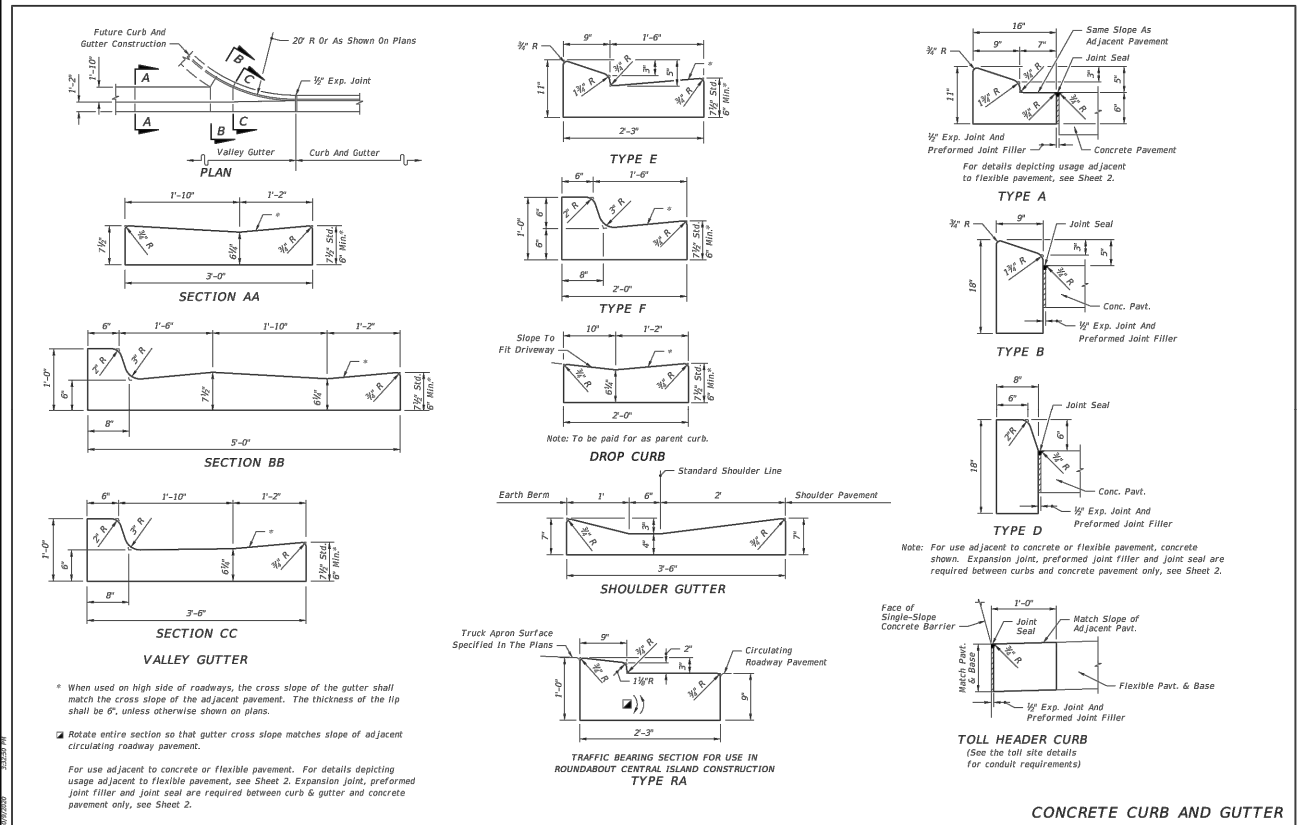
CLAUDIA M. PEREZ, P.E.  
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CITY OF NORTH BAY VILLAGE		
ROAD NO.	COUNTY	PROJECT NUMBER
-	MIAMI-DADE COUNTY	0190151.01

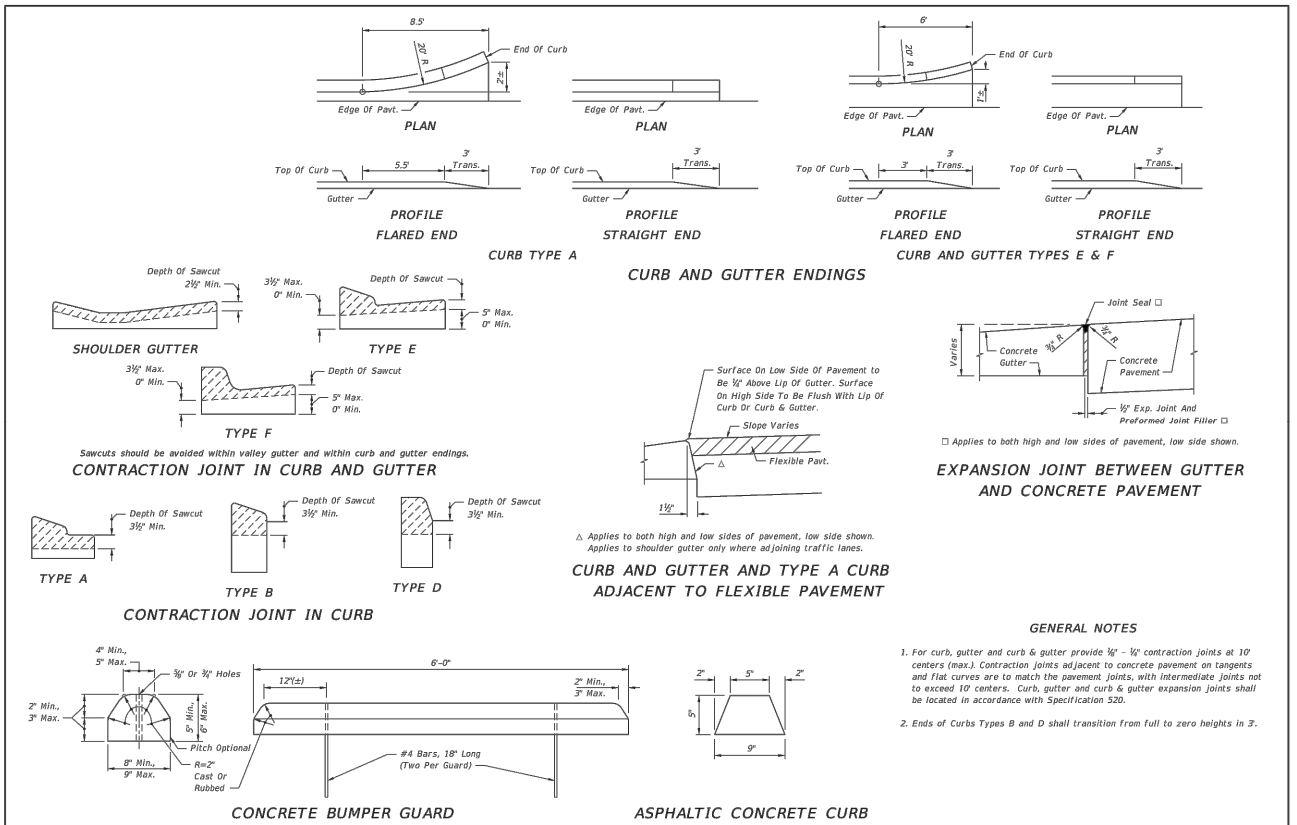
TREASURE ISLAND ADA IMPROVEMENTS

TREASURE ISLAND IMPROVEMENTS

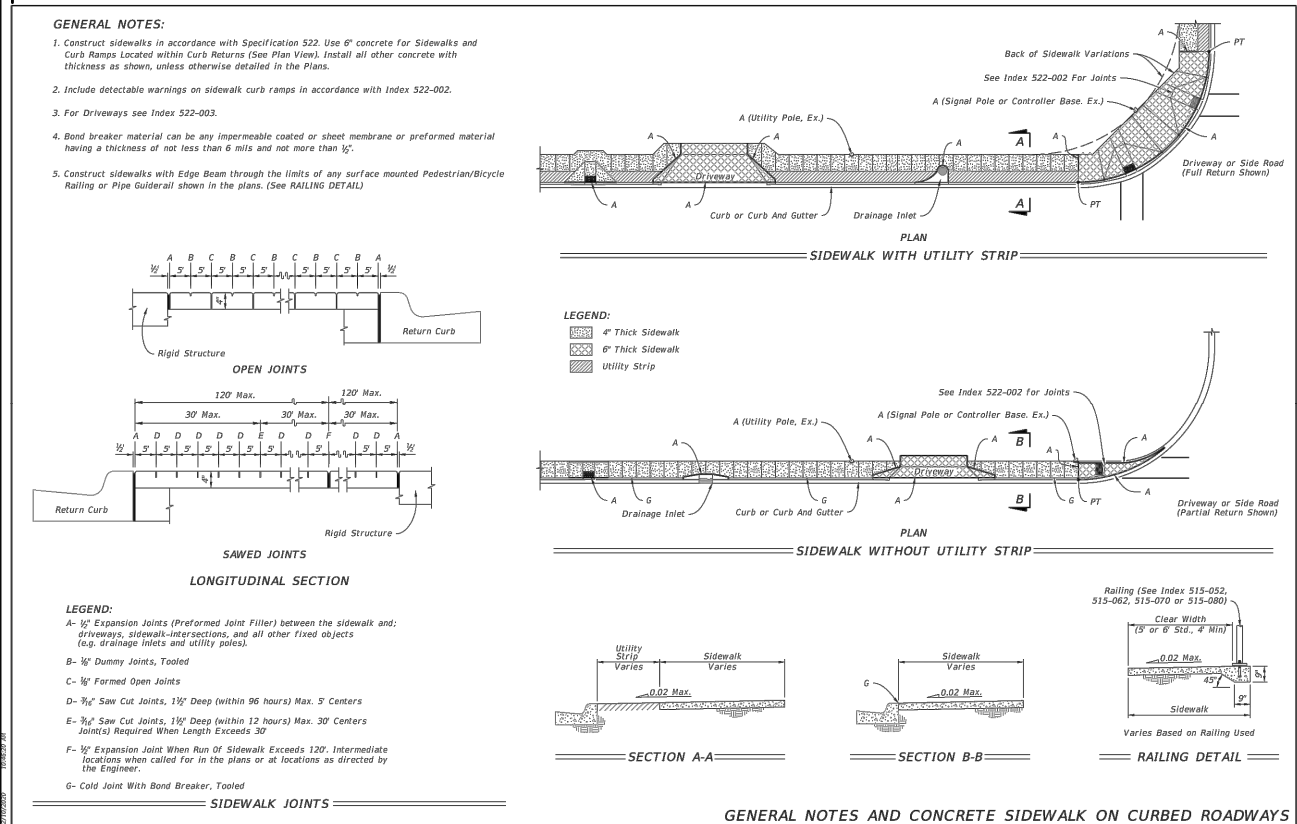
SHEET NO.  
21



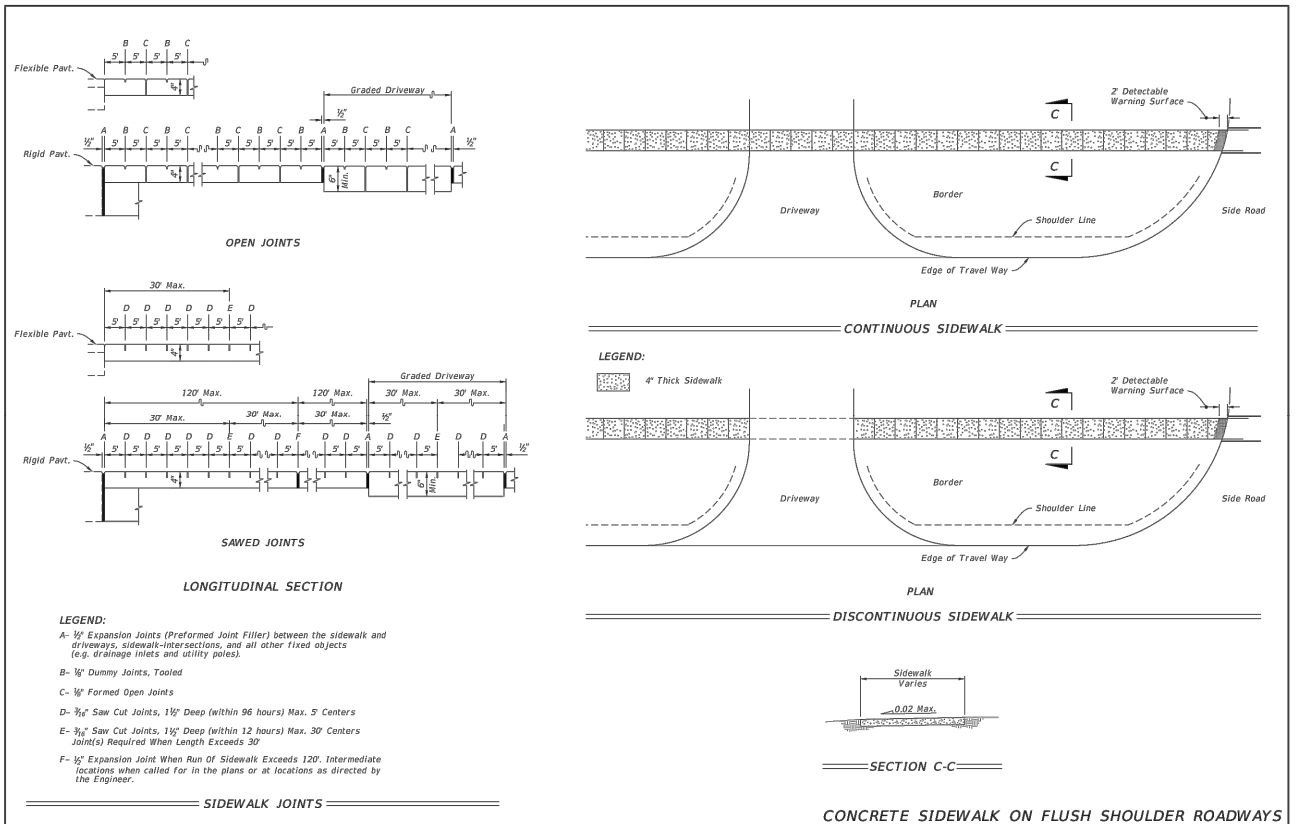
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LAST REVISION 11/01/17	DESCRIPTION FDOT FY 2021-22 STANDARD PLANS	CURB AND GUTTER	INDEX 520-001	SHEET 2 of 2
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LAST REVISION 11/01/18	DESCRIPTION FDOT FY 2021-22 STANDARD PLANS	CONCRETE SIDEWALK	INDEX 522-001	SHEET 1 of 2
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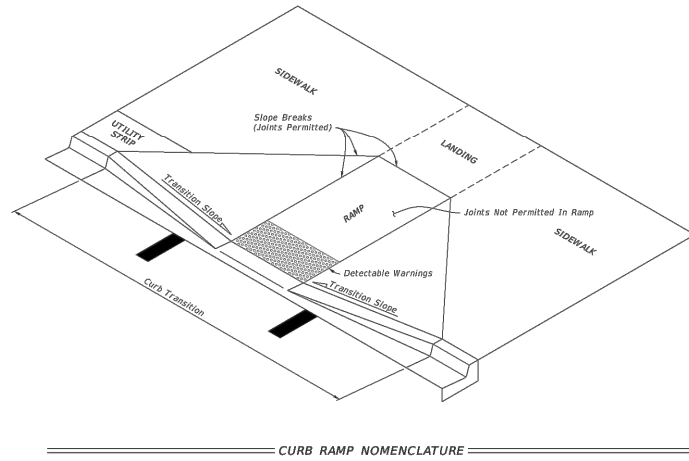


LAST REVISION 11/01/18	DESCRIPTION FDOT FY 2021-22 STANDARD PLANS	CONCRETE SIDEWALK	INDEX 522-001	SHEET 2 of 2
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<b>REVISIONS</b> DATE DESCRIPTION DATE DESCRIPTION		CLAUDIA M. PEREZ, P.E. FLORIDA LICENSE NO.: 87238 6401 SW 87th Avenue, Suite 200 Miami, Florida 33173 Tel: 305.670.2350 Fax: 305.670.2351 www.bcceng.com Certificate of Authorization No. 7184	CITY OF NORTH BAY VILLAGE ROAD NO. COUNTY PROJECT NUMBER - MIAMI-DADE COUNTY 0190151.01		TREASURE ISLAND ADA IMPROVEMENTS DETAILS		SHEET NO. 22
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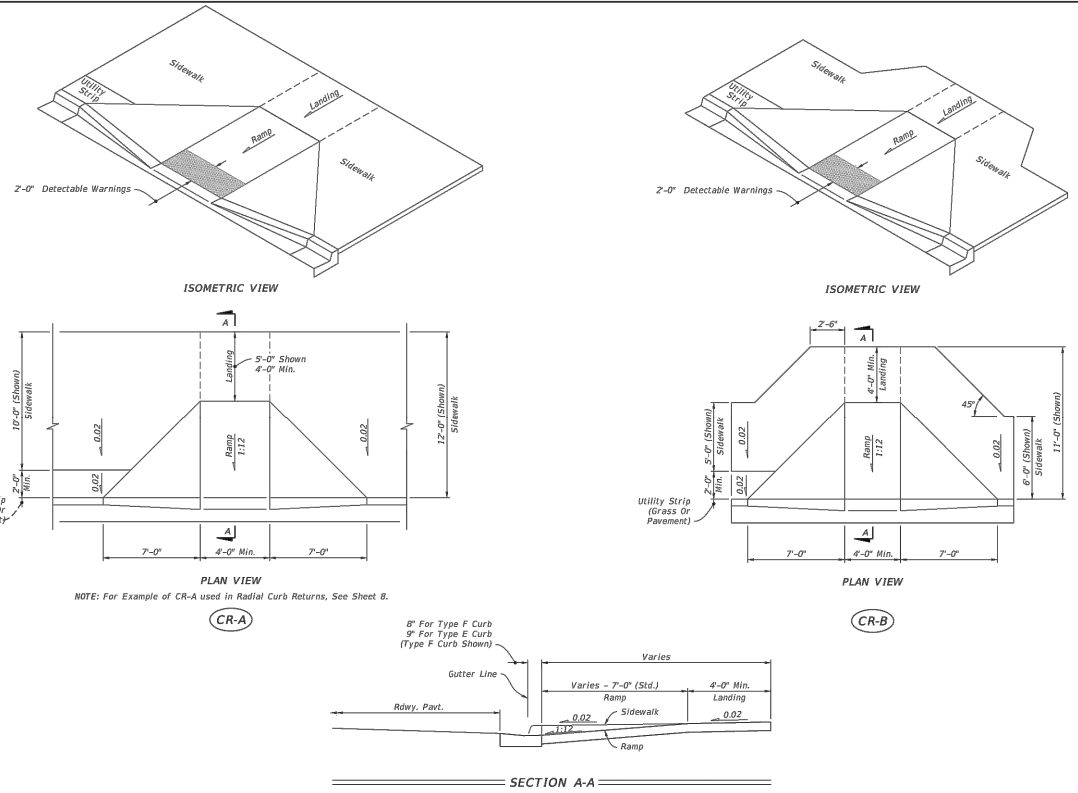
**GENERAL NOTES:**

1. **Cross Slopes and Grades:**
  - A. Sidewalk, ramp, and landing slopes (i.e. 0.02, 0.05, and 1:12) shown in this Index are maximums. With approval of the Engineer, provide the minimum feasible slope where the requirements cannot be met.
  - B. Landings must have cross-slopes less than or equal to 0.02 in any direction.
  - C. Maintain a single longitudinal slope along each side of the curb ramp. Ramp slopes are not required to exceed 15 feet in length.
  - D. Joints permitted at the location of Slope Breaks. Otherwise locate joints in accordance with Index 522-001. No joints are permitted within the ramp portion of the Curb Ramp.
2. **Curb, Curb and Gutter and/or Sidewalk:**
  - A. Refer to Index 522-001 for concrete thickness and sidewalk details.
  - B. Remove any existing curb, curb and gutter, or sidewalk to the nearest joint beyond the curb transition or to the extent that no remaining section is less than 5 feet long.
3. **Curb Ramp Alpha-Identification:**
  - A. Sidewalk curb ramp alpha-identifications (e.g. CR-A) are provided for reference purposes in the Plans.
  - B. Alpha-identifications CR-I and CR-J are intentionally omitted.
4. **Detectable Warnings:**
  - A. Install detectable warnings in accordance with Specification 527.
  - B. Place detectable warnings across the full width of the ramp or landing, to a minimum depth of 2 feet measured perpendicular to the curb line and no greater than 5 feet from the back of the curb or edge of pavement.
  - C. If detectable warnings are shown in the Plans on slopes greater than 5%, align the truncated domes with the centerline of the ramp; otherwise, the truncated domes are not required to be aligned.



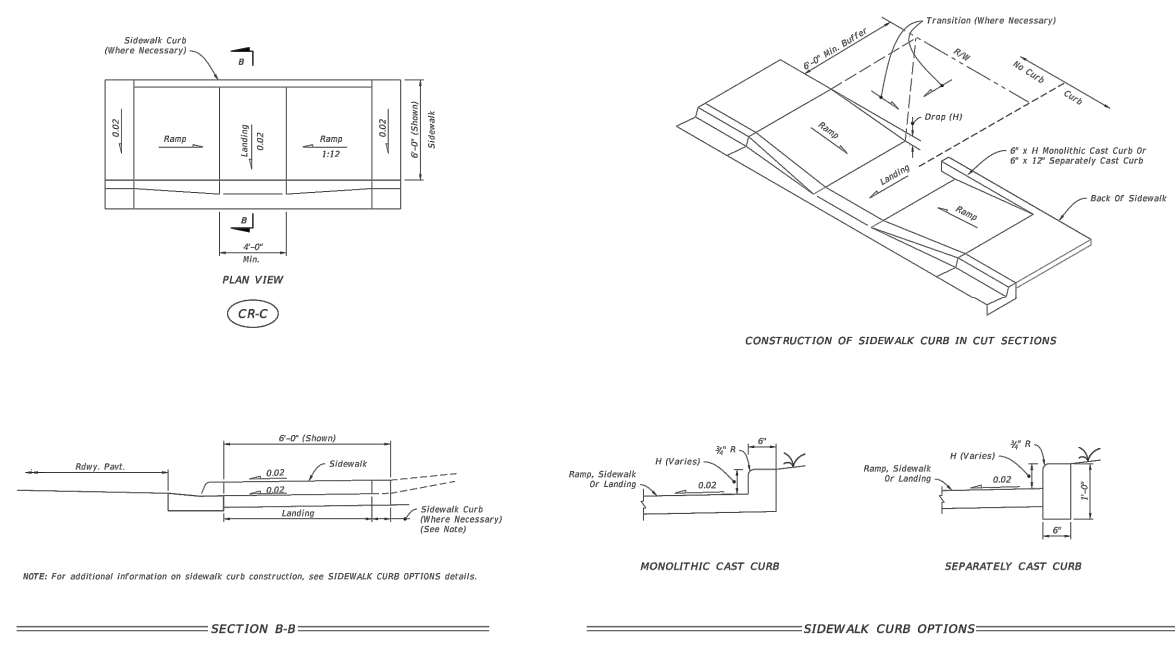
— CURB RAMP NOMENCLATURE —

LAST REVISION 11/01/20	DESCRIPTION:	FDOT	FY 2021-22 STANDARD PLANS	DETECTABLE WARNINGS AND SIDEWALK CURB RAMPS	INDEX 522-002	SHEET 1 of 7
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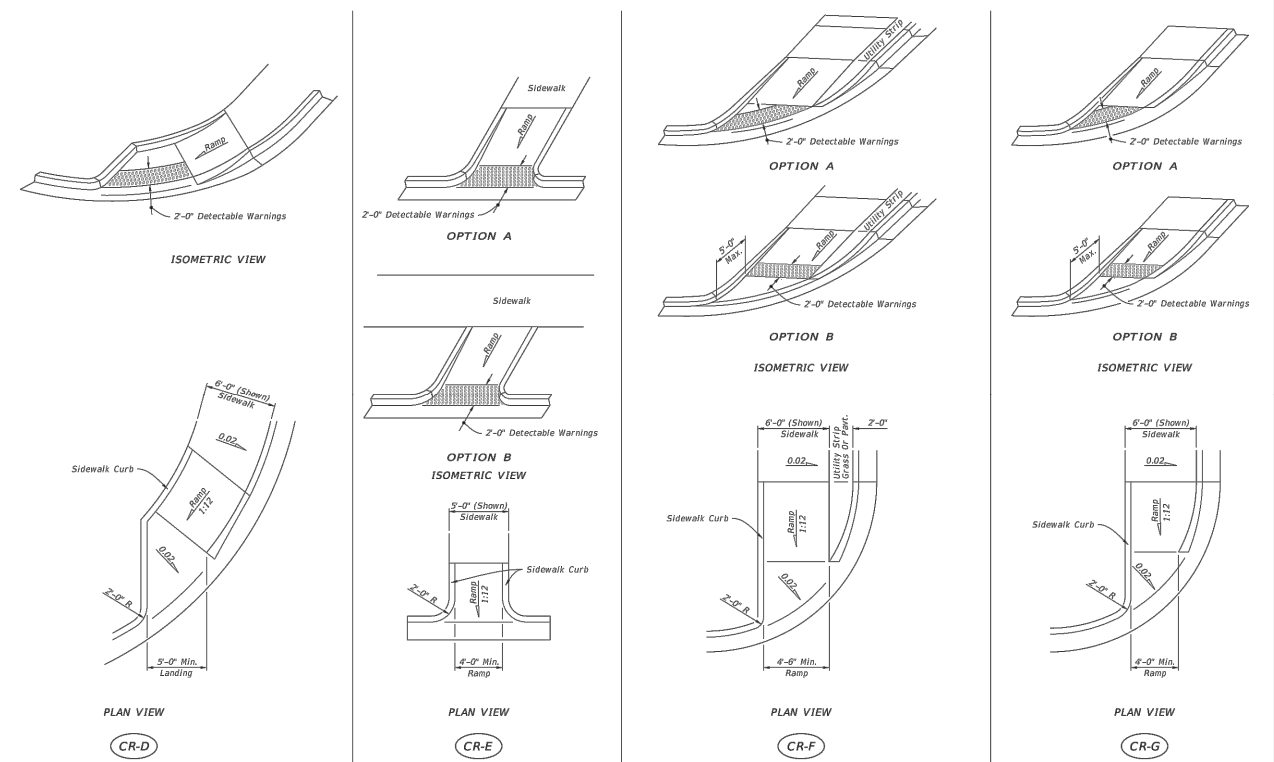
— SIDEWALK CURB RAMPS CR-A AND CR-B —

LAST REVISION 11/01/20	DESCRIPTION:	FDOT	FY 2021-22 STANDARD PLANS	DETECTABLE WARNINGS AND SIDEWALK CURB RAMPS	INDEX 522-002	SHEET 2 of 7
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— SIDEWALK CURB RAMPS CR-C AND SIDEWALK CURB —

LAST REVISION 11/01/20	DESCRIPTION:	FDOT	FY 2021-22 STANDARD PLANS	DETECTABLE WARNINGS AND SIDEWALK CURB RAMPS	INDEX 522-002	SHEET 3 of 7
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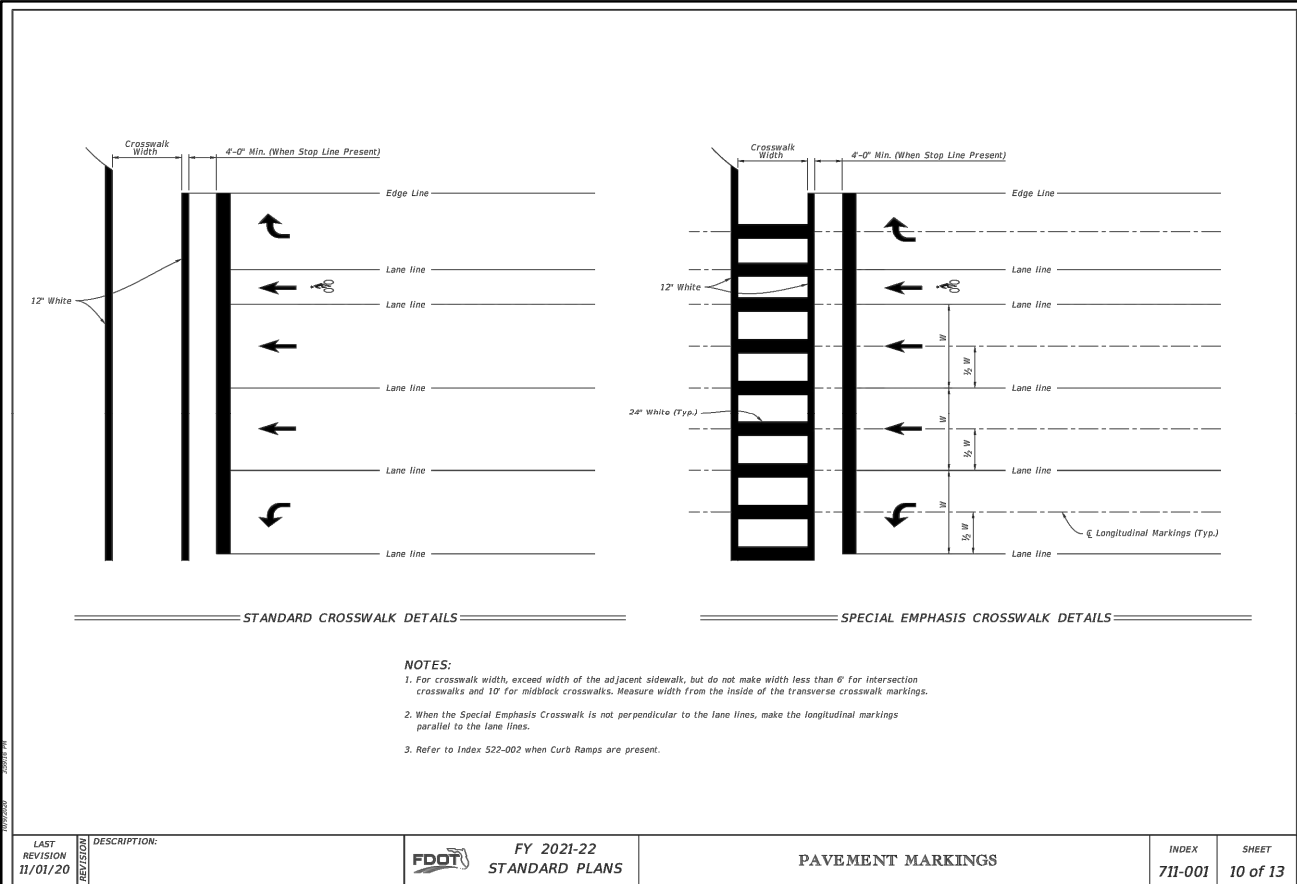
— SIDEWALK CURB RAMPS CR-D, CR-E, CR-F & CR-G —

LAST REVISION 11/01/20	DESCRIPTION:	FDOT	FY 2021-22 STANDARD PLANS	DETECTABLE WARNINGS AND SIDEWALK CURB RAMPS	INDEX 522-002	SHEET 4 of 7
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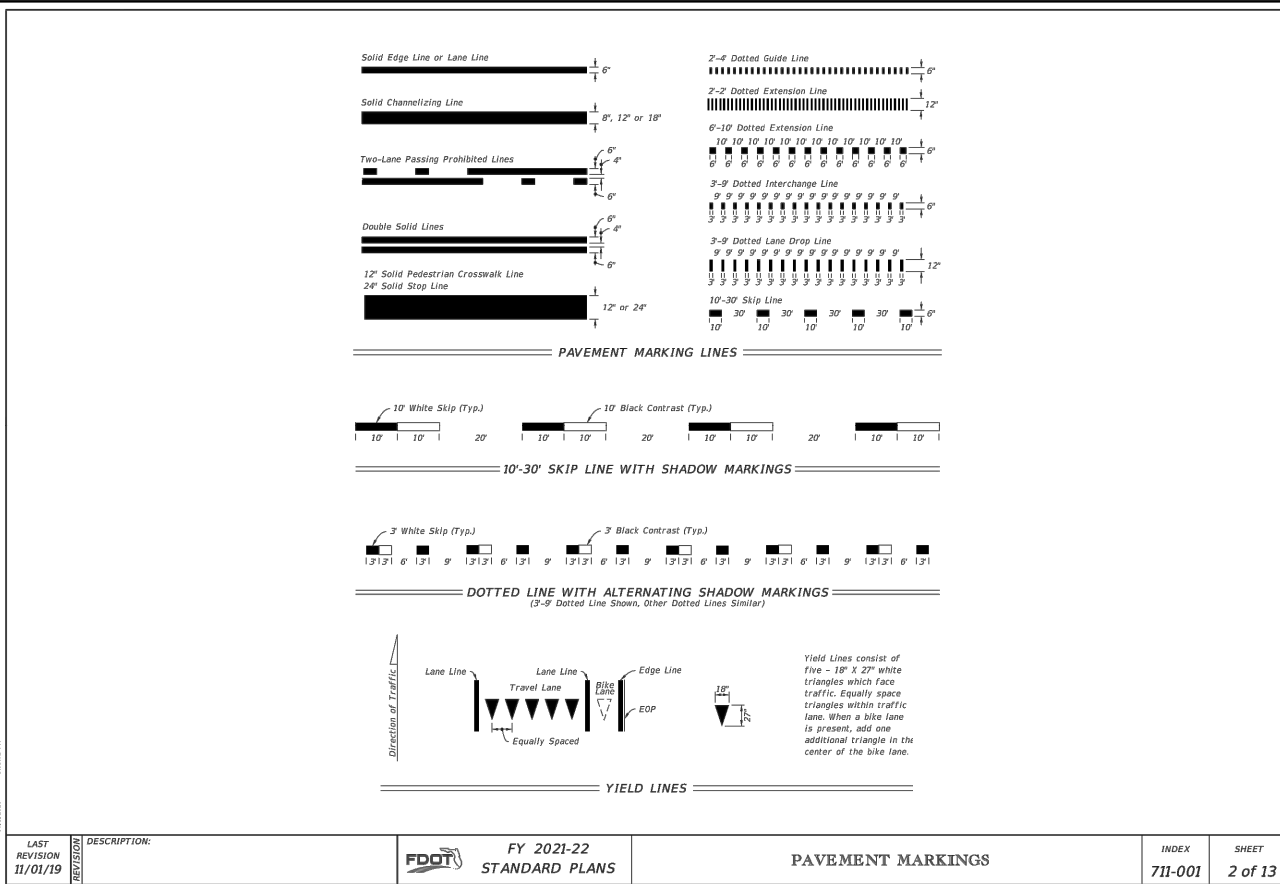
REVISIONS		REVISIONS	
DATE	DESCRIPTION	DATE	DESCRIPTION

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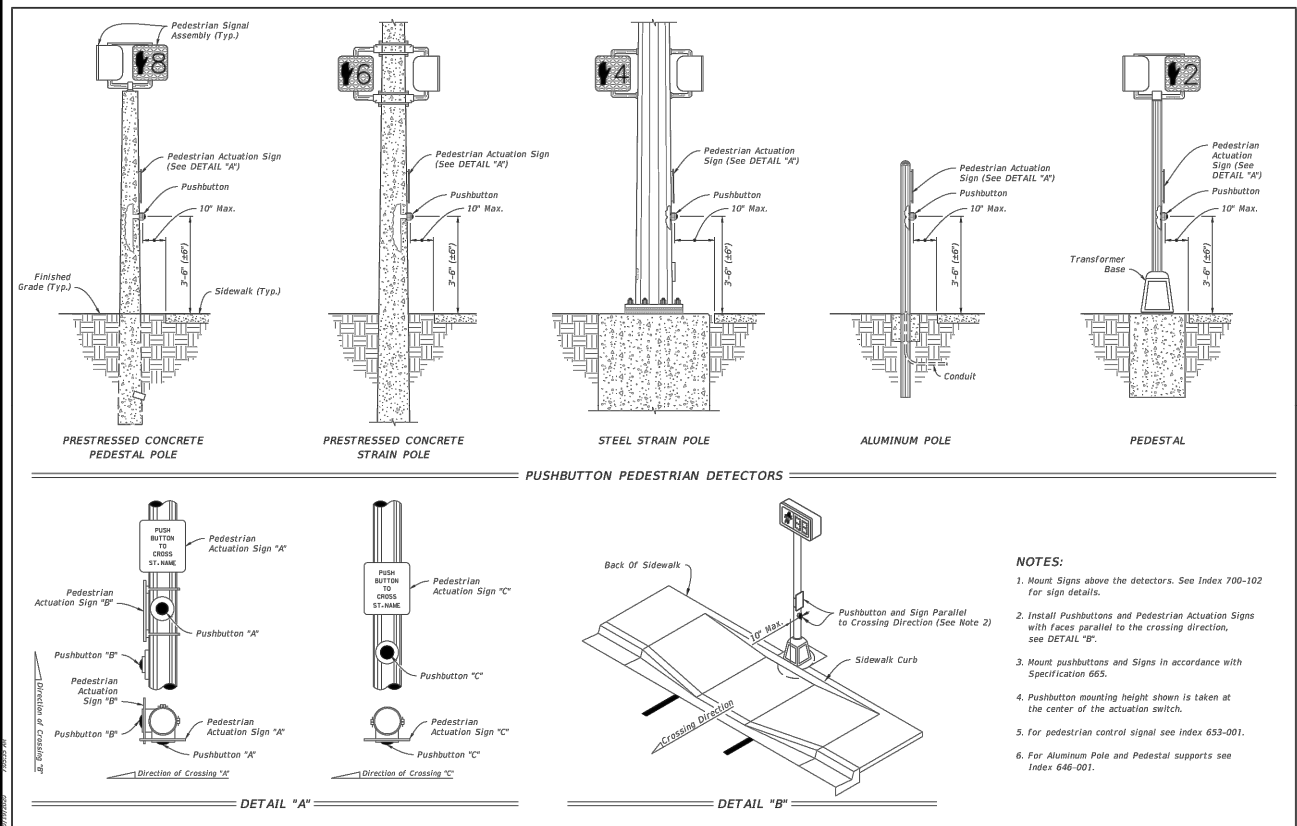
CITY OF NORTH BAY VILLAGE			TREASURE ISLAND ADA IMPROVEMENTS		SHEET NO. 23
ROAD NO.	COUNTY	PROJECT NUMBER	DETAILS		
-	MIAMI-DADE COUNTY	0190151.01			



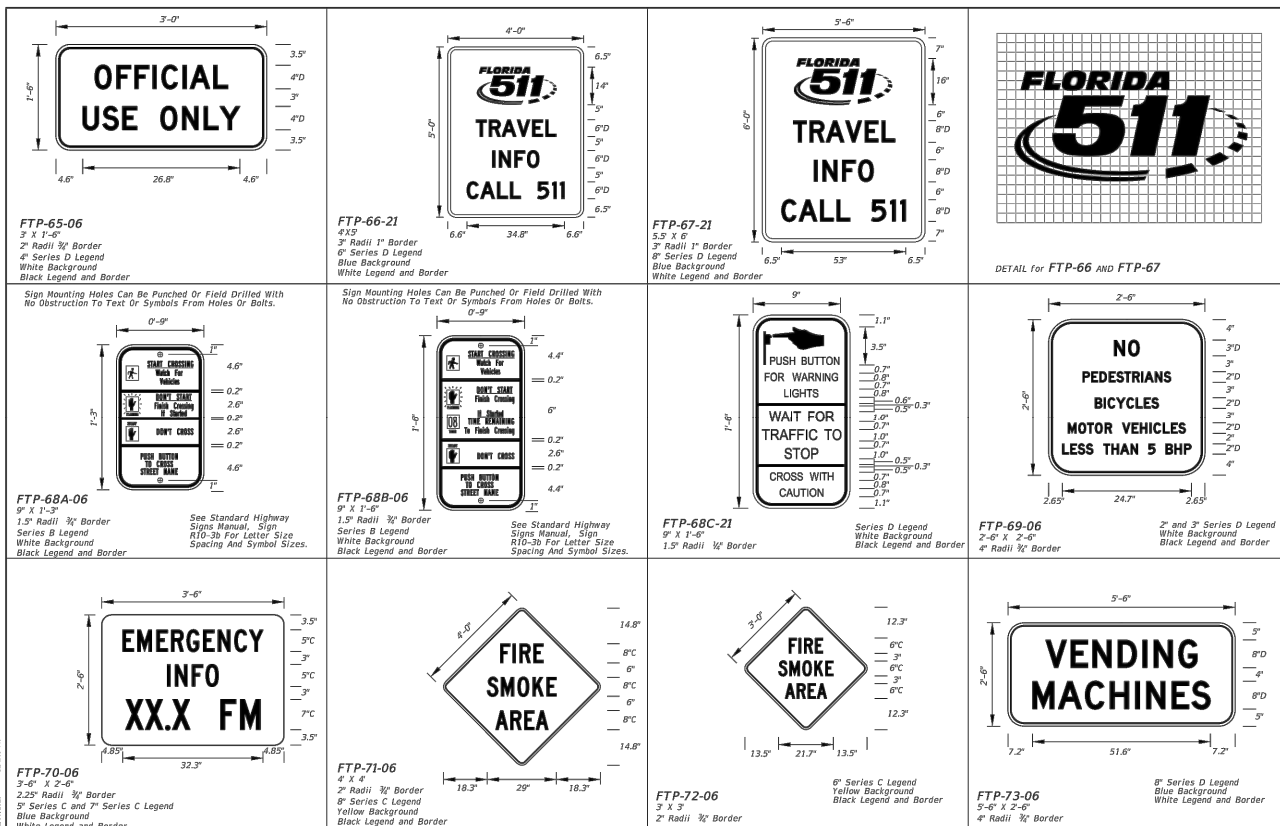
LAST REVISION 11/01/20	DESCRIPTION	FDOT	FY 2021-22 STANDARD PLANS	PAVEMENT MARKINGS	INDEX 711-001	SHEET 10 of 13
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LAST REVISION 11/01/19	DESCRIPTION	FDOT	FY 2021-22 STANDARD PLANS	PAVEMENT MARKINGS	INDEX 711-001	SHEET 2 of 13
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LAST REVISION 11/01/20	DESCRIPTION	FDOT	FY 2021-22 STANDARD PLANS	PEDESTRIAN DETECTOR ASSEMBLY INSTALLATION DETAILS	INDEX 665-001	SHEET 1 of 1
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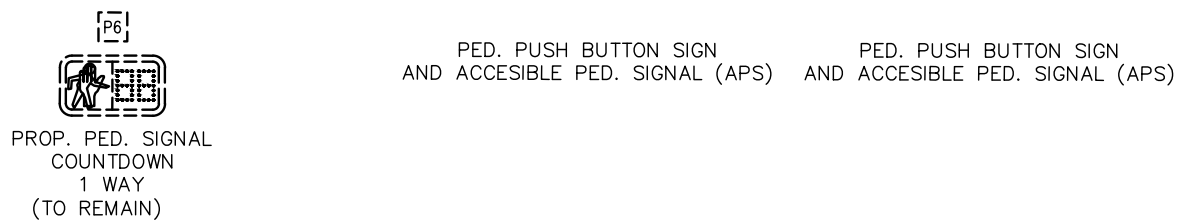
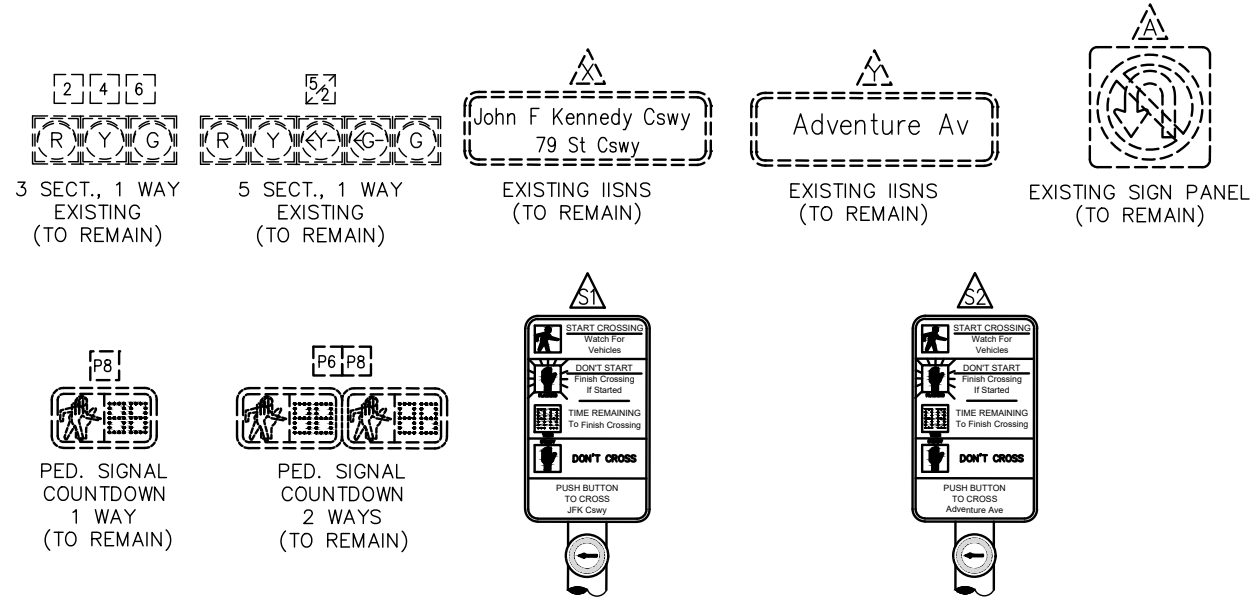


LAST REVISION 11/01/20	DESCRIPTION	FDOT	FY 2021-22 STANDARD PLANS	SPECIAL SIGN DETAILS	INDEX 700-102	SHEET 8 of 12
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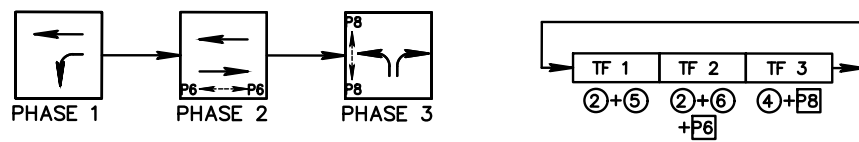
REVISIONS		REVISIONS		CLAUDIA M. PEREZ, P.E. FLORIDA LICENSE NO.: 87238 6401 SW 87th Avenue, Suite 200 Miami, Florida 33173 Tel: 305.670.2350 Fax: 305.670.2351 www.bcceng.com Certificate of Authorization No. 7184		CITY OF NORTH BAY VILLAGE ROAD NO. COUNTY PROJECT NUMBER - MIAMI-DADE COUNTY 0190151.01		TREASURE ISLAND ADA IMPROVEMENTS DETAILS		SHEET NO. 24	
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SIGNAL HEAD AND SIGN DETAILS



S.O.P.

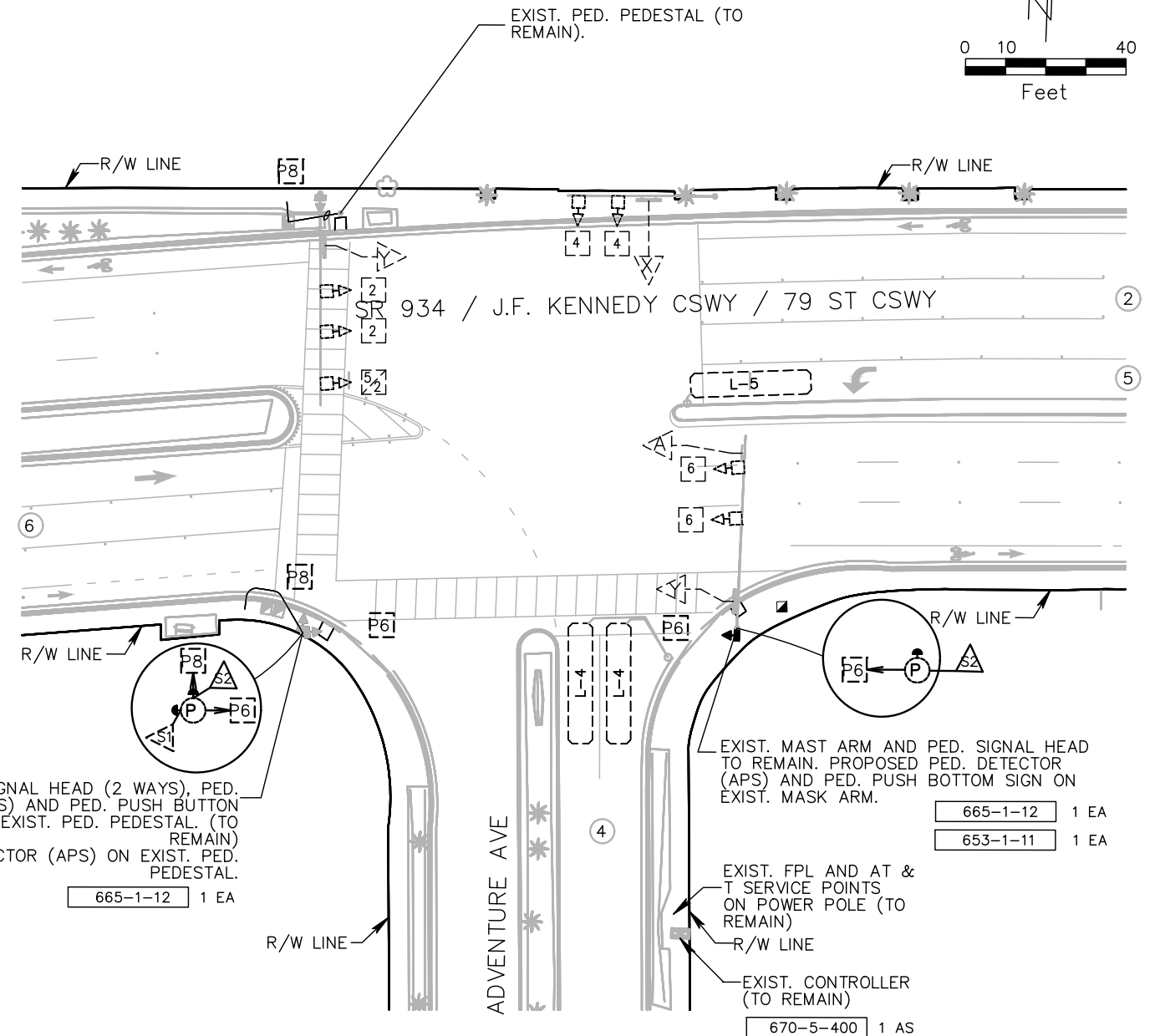
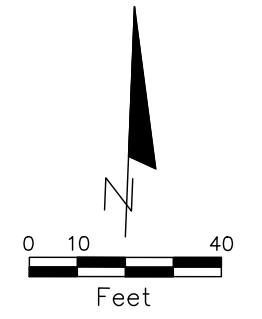


CONTROLLER OPERATIONS:

1. MAJOR STREET: SR 934 / J.F. KENNEDY CSWY  
MINOR STREET: ADVENTURE AVE
2. SIGNAL OPERATING PLAN (SOP) AS SHOWN
3. FLASHING OPERATION: 2 & 6 - YELLOW  
4 - RED

NOTES:

1. SIGNAL TIMING AND APS SETTINGS TO BE PROVIDED BY MIAMI-DADE COUNTY PUBLIC WORKS AND WASTE MANAGEMENT, TRAFFIC SIGNALS AND SIGNS DIVISION.
2. THE FOLLOWING MESSAGE SHALL BE PROGRAMMED INTO THE APS SYSTEM:  
WAIT TO CROSS ADVENTURE AVENUE.
3. FOR APS PUSH BOTTOM SETTINGS USE TYPE C INTERSECTION.



EXIST. PED. SIGNAL HEAD (2 WAYS), PED. DETECTOR (APS) AND PED. PUSH BUTTON SIGN ON EXIST. PED. PEDESTAL. (TO REMAIN)

PROP PED. DETECTOR (APS) ON EXIST. PED. PEDESTAL.

665-1-12 1 EA

CONDUIT & CABLE ITEMS

- 630-2-11 20 LF
- 632-7-2 200 LF

SR 934 / J.F. KENNEDY CSWY AND ADVENTURE AVE INTERSECTION ID No. 3014

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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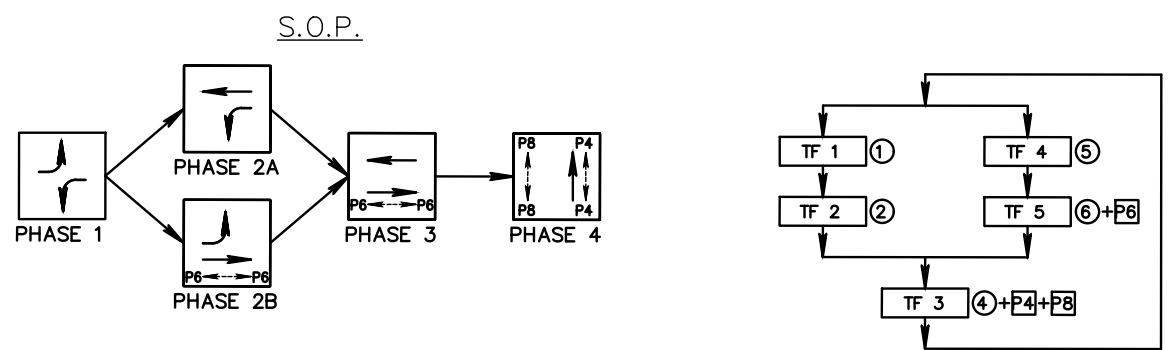
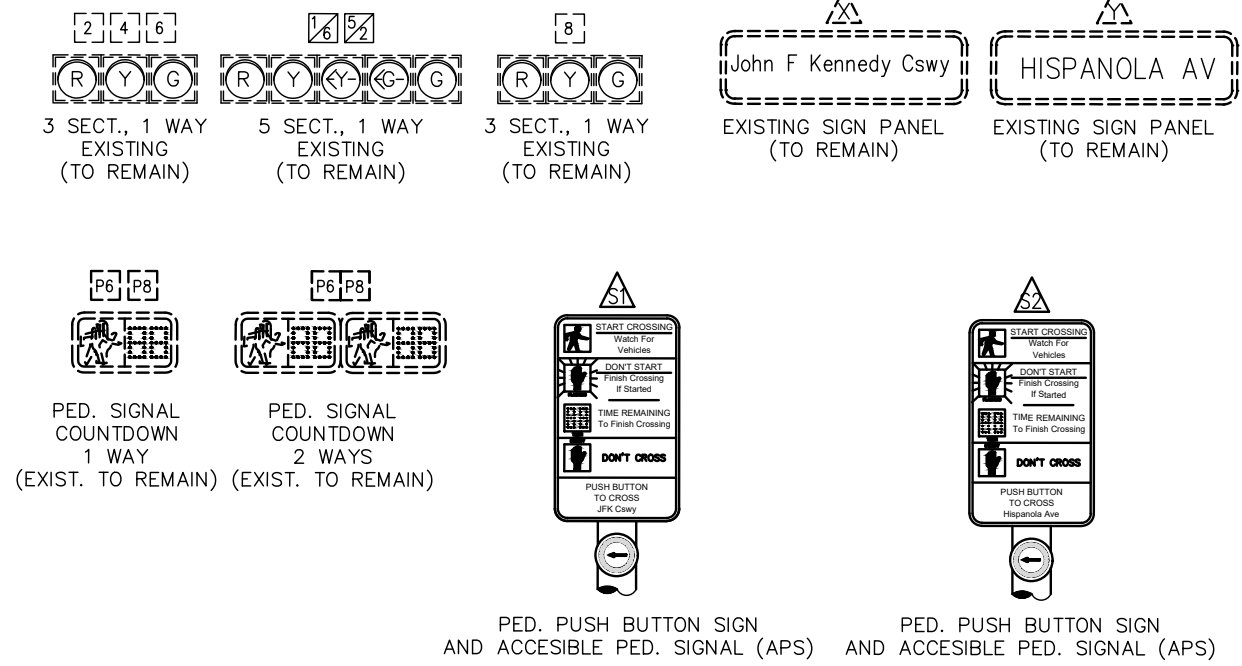
CLAUDIA M. PEREZ, P.E.  
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Certificate of Authorization No. 7184

CITY OF NORTH BAY VILLAGE		
ROAD NO.	COUNTY	PROJECT NUMBER
-	MIAMI-DADE COUNTY	0190151.01

TREASURE ISLAND ADA IMPROVEMENTS	SHEET NO.
SIGNALIZATION PLANS	25

PLOT DATE: 6/21/2022 1:20 PM

SIGNAL HEAD AND SIGN DETAILS

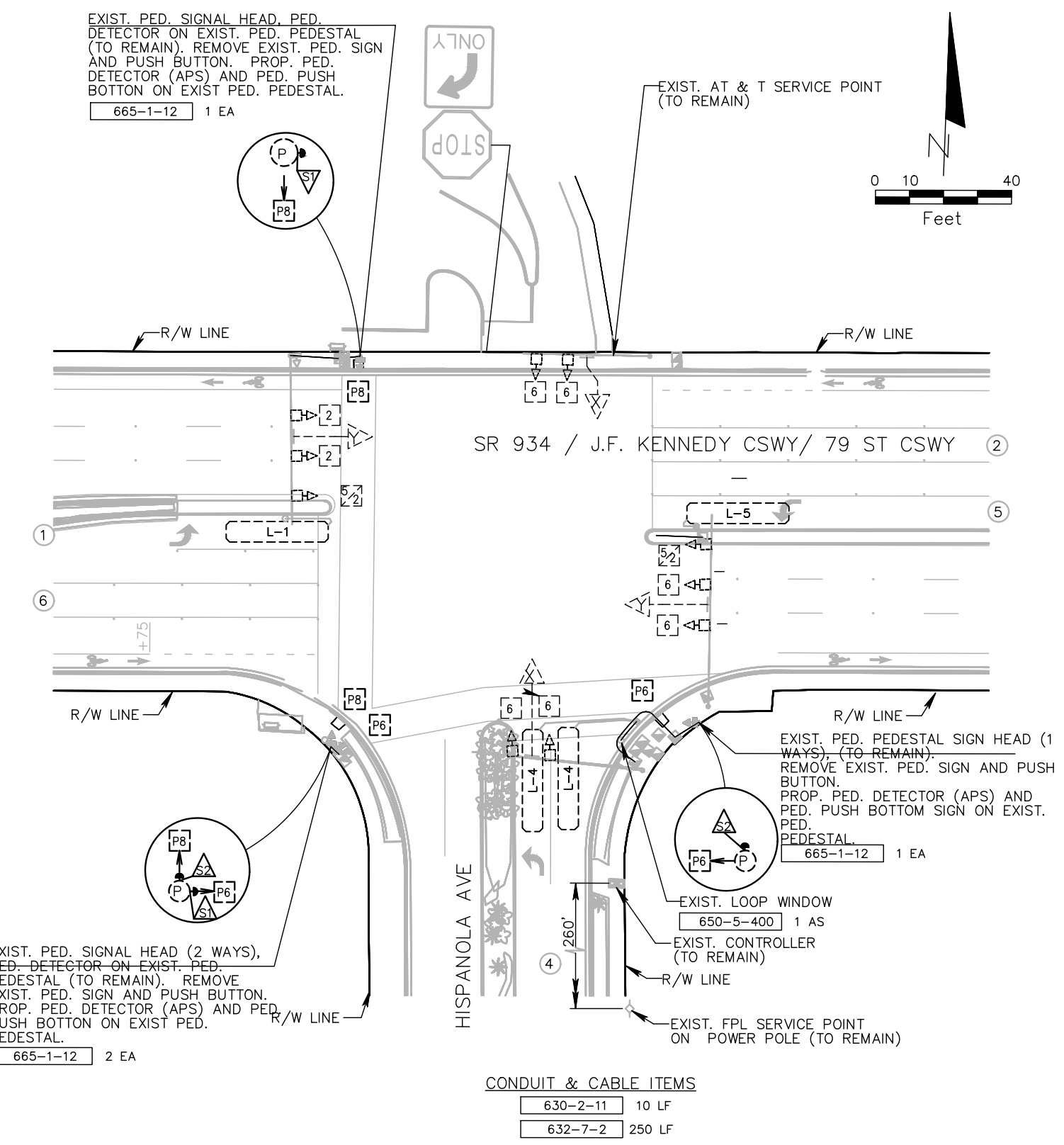


CONTROLLER OPERATIONS:

1. MAJOR STREET: SR 934 / J.F. KENNEDY CSWY  
MINOR STREET: HISPANOLA AVE
2. SIGNAL OPERATING PLAN (SOP) AS SHOWN
3. FLASHING OPERATION: 2 & 6 - YELLOW  
4 - RED

NOTES:

1. SIGNAL TIMING AND APS SETTINGS TO BE PROVIDED BY MIAMI-DADE COUNTY PUBLIC WORKS AND WASTE MANAGEMENT, TRAFFIC SIGNALS AND SIGNS DIVISION.
2. THE FOLLOWING MESSAGE SHALL BE PROGRAMMED INTO THE APS SYSTEM:  
 ⚠️ WAIT TO CROSS JOHN F. KENNEDY CAUSEWAY  
 ⚠️ WAIT TO CROSS HISPANOLA AVENUE
3. FOR APS PUSH BOTTOM SETTINGS USE TYPE C INTERSECTION.



SR 934 / J.F. KENNEDY CSWY AND HISPANOLA AVE INTERSECTION ID No. 3013

FILE LOCATION: H:\PROJECTS\0190151.01 NBV SIDEWALK AND ADA IMP PH I\CAD\0190151.01\_25-28\_SIGNAL.DWG

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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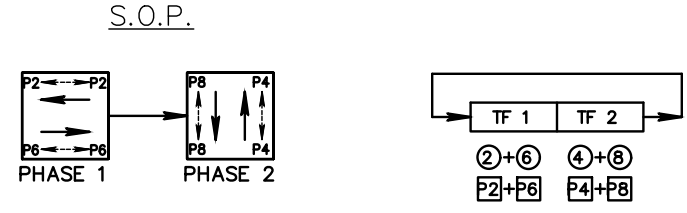
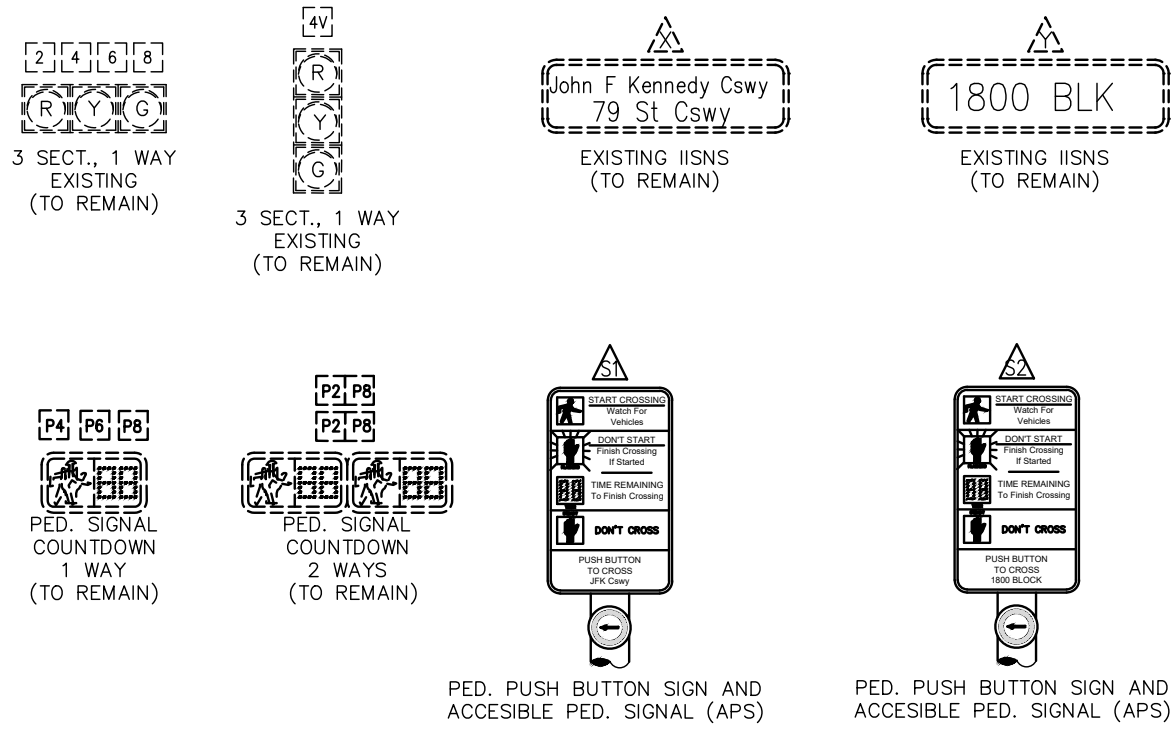
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CITY OF NORTH BAY VILLAGE		
ROAD NO.	COUNTY	PROJECT NUMBER
-	MIAMI-DADE COUNTY	0190151.01

TREASURE ISLAND ADA IMPROVEMENTS	SHEET NO.
SIGNALIZATION PLANS	26

PLOT DATE: 6/21/2022 1:21 PM

**SIGNAL HEAD AND SIGN DETAILS**



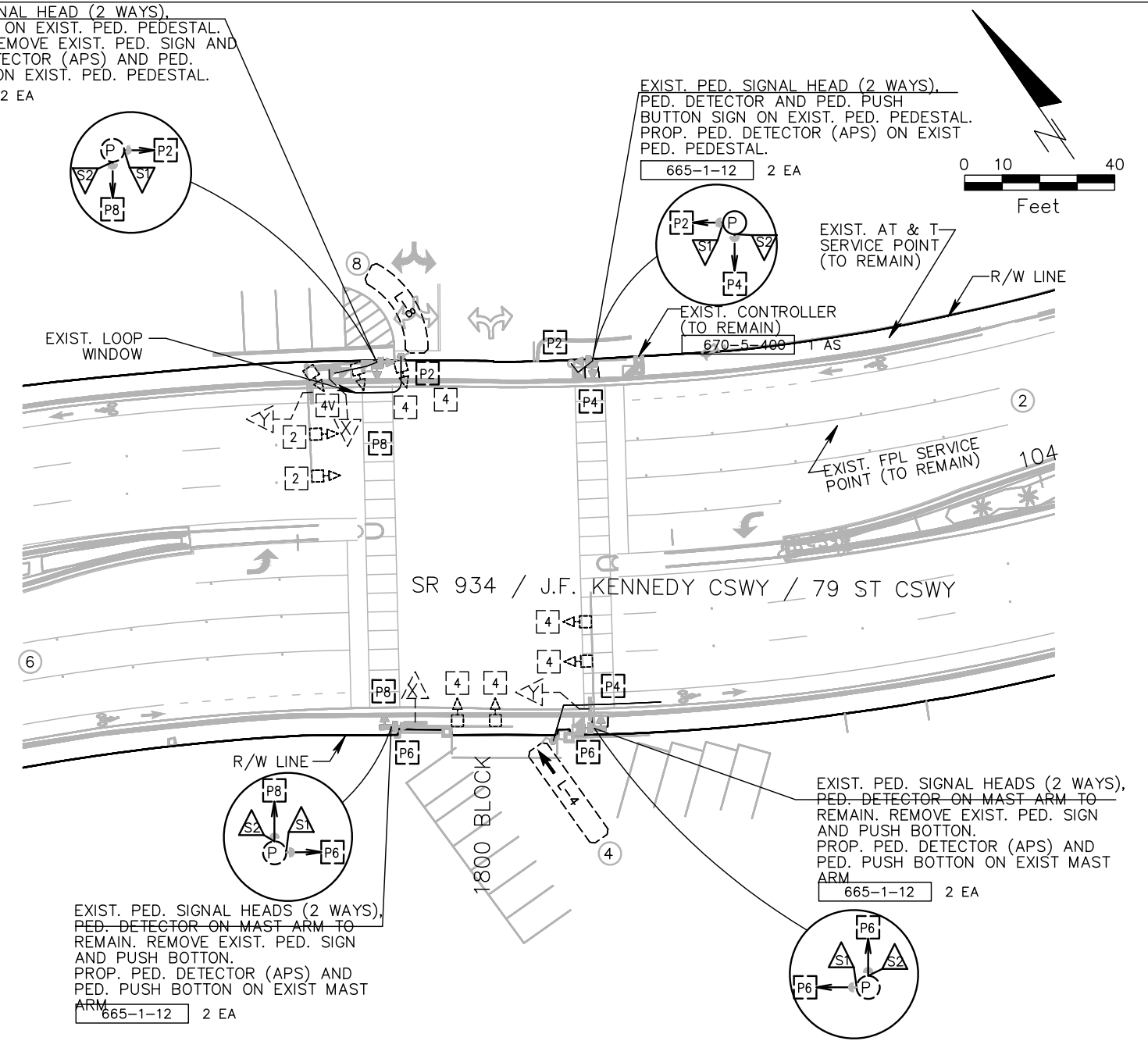
**CONTROLLER OPERATIONS:**

1. MAJOR STREET: SR 934 / J.F. KENNEDY CSWY  
MINOR STREET: 1800 BLOCK
2. SIGNAL OPERATING PLAN (SOP) AS SHOWN
3. FLASHING OPERATION: 2 & 6 - YELLOW  
4 & 8 - RED

**NOTES:**

1. SIGNAL TIMING AND APS SETTINGS TO BE PROVIDED BY MIAMI-DADE COUNTY PUBLIC WORKS AND WASTE MANAGEMENT, TRAFFIC SIGNALS AND SIGNS DIVISION.
2. THE FOLLOWING MESSAGE SHALL BE PROGRAMMED INTO THE APS SYSTEM:  
 WAIT TO CROSS JOHN F. KENNEDY CAUSEWAY  
 WAIT TO CROSS 1800 BLOCK
3. FOR APS PUSH BOTTOM SETTINGS USE INTERSECTION TYPE B.

EXIST. PED. SIGNAL HEAD (2 WAYS),  
 PED. DETECTOR ON EXIST. PED. PEDESTAL.  
 (TO REMAIN). REMOVE EXIST. PED. SIGN AND  
 PROP. PED. DETECTOR (APS) AND PED.  
 PUSH BOTTON ON EXIST. PED. PEDESTAL.  
 665-1-12 2 EA



**CONDUIT & CABLE ITEMS**

630-2-11	80 LF
632-7-2	200 LF

SR 934 / J.F. KENNEDY CSWY AND 1800 BLOCK  
 INTERSECTION ID No. 3874

FILE LOCATION: H:\PROJECTS\0190151.01 NBV SIDEWALK AND ADA IMP PH II\CAD\0190151.01\_25-28\_SIGNAL.DWG

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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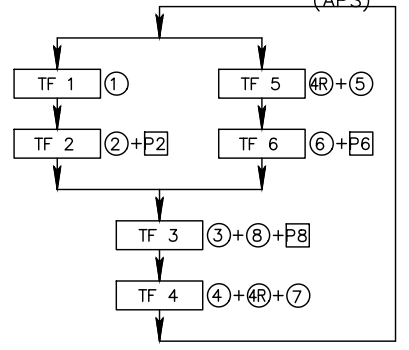
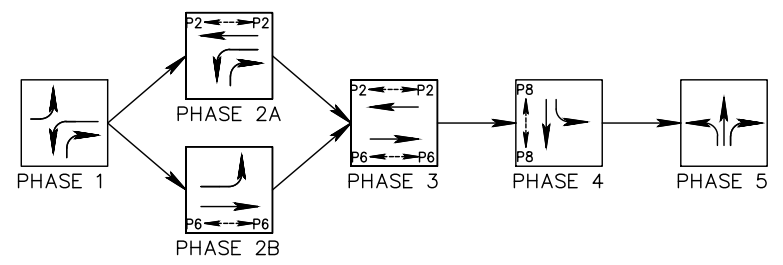
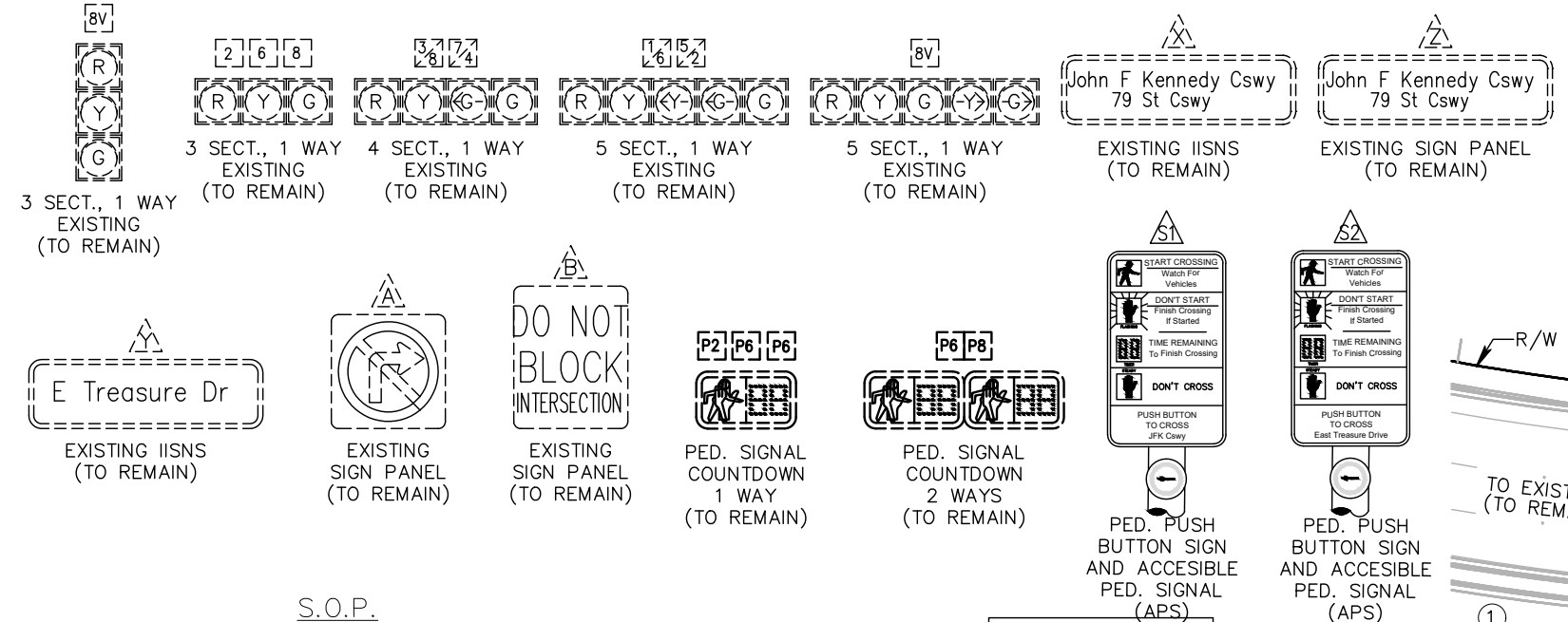
CITY OF NORTH BAY VILLAGE		
ROAD NO.	COUNTY	PROJECT NUMBER
-	MIAMI-DADE COUNTY	0190151.01

TREASURE ISLAND ADA IMPROVEMENTS	SHEET NO.
SIGNALIZATION PLANS	27

PLOT DATE: 6/21/2022 1:22 PM

FILE LOCATION: H:\PROJECTS\0190151.01 NBV SIDEWALK AND ADA IMP PH I\CAD\0190151.01\_25--28\_SIGNAL.DWG

SIGNAL HEAD AND SIGN DETAILS



CONTROLLER OPERATIONS:

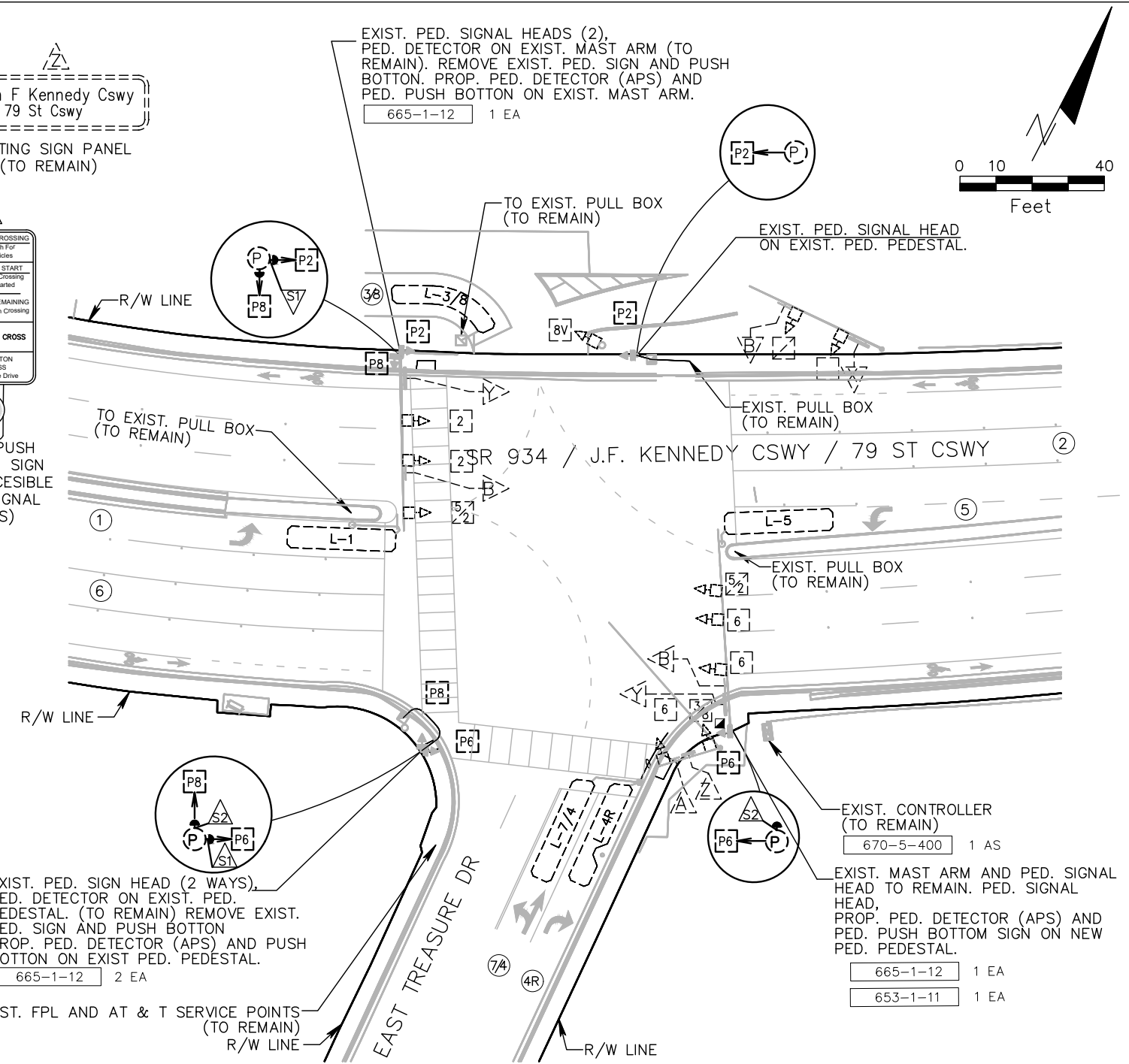
1. MAJOR STREET: SR 934 / J.F. KENNEDY CSWY  
MINOR STREET: EAST TREASURE DR
2. SIGNAL OPERATING PLAN (SOP) AS SHOWN
3. FLASHING OPERATION: 2 & 6 - YELLOW  
3, 4, 4R & 8 - RED

NOTES:

1. SIGNAL TIMING AND APS SETTINGS TO BE PROVIDED BY MIAMI-DADE COUNTY PUBLIC WORKS AND WASTE MANAGEMENT, TRAFFIC SIGNALS AND SIGNS DIVISION.
2. THE FOLLOWING MESSAGE SHALL BE PROGRAMMED INTO THE APS SYSTEM:  

⚠️ WAIT TO CROSS JOHN F. KENNEDY CAUSEWAY

⚠️ WAIT TO CROSS EAST TREASURE DRIVE
3. FOR APS PUSH BOTTOM SETTINGS USE INTERSECTION TYPE B.



CONDUIT & CABLE ITEMS

630-2-11	80 LF
632-7-2	280 LF

SR 934 / J.F. KENNEDY CSWY AND EAST TREASURE DR INTERSECTION ID No. 3016

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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CITY OF NORTH BAY VILLAGE		
ROAD NO.	COUNTY	PROJECT NUMBER
-	MIAMI-DADE COUNTY	0190151.01

TREASURE ISLAND ADA IMPROVEMENTS	
SIGNALIZATION PLANS	

SHEET NO.	28
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