MIAMI-DADE COUNTY
DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS (DTPW)

ADDENDUM NO. 2
April 23, 2026

PROJECT:	Midway Pump Station Telemetry Improvements & Drainage Improvements Multiple Sites. Project No. 20260067
BID DUE DATE:	May 6, 2026; 02:00 P.M.
FROM:	Miami-Dade County DTPW Capital Improvements Division 111 NW First Street, 14th Floor Miami, FL 33128
TO:	Prospective Bidders and Interested Parties

This Addendum forms part of the project solicitation documents and will be incorporated into the Contract Documents, as applicable. Insofar as the Original Contract Documents, Drawings and Specifications are inconsistent, this Addendum shall govern. Please acknowledge receipt of this Addendum, at the time of bid submittal to Miami-Dade County, in the space provided on the "Acknowledgement of Addenda Form" provided with the project solicitation documents. Failure to acknowledge receipt of all addenda may be cause for disqualification.

CHANGES TO ENGINEERING DRAWINGS:

Delete 20260067 Plans NW 7 St dated 06/27/2025 in its entirety and replace it with the attached set of plans 20260067 NW 7 St. dated 04/20/2026 Revised Plans by Addendum No. 2.

- Sheets 4 of 19 and 9 of 19 have been revised to provide the contractor with a clearer understanding of the Scope of Work related to the Telemetry System item.

END OF ADDENDUM NO. 2

Elva R Reyes

Engineer 2, Capital Improvements Division

Department of Transportation and Public Works (DTPW)

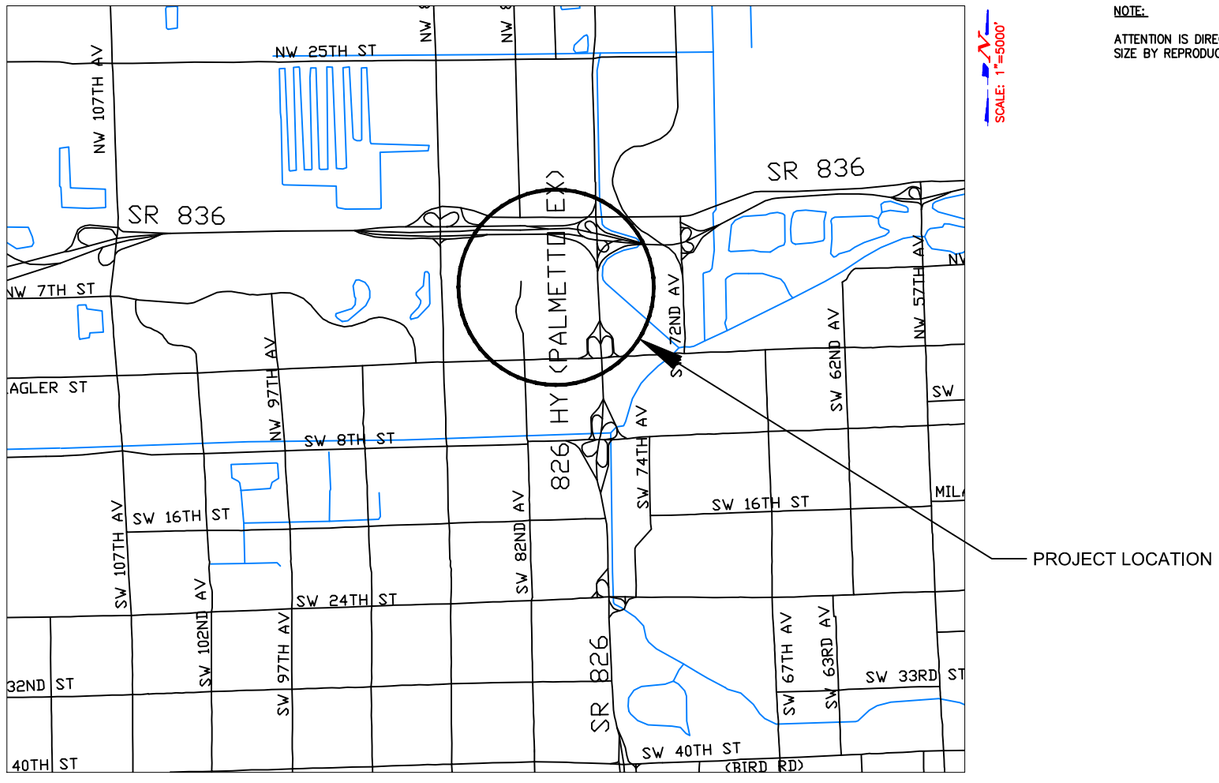
cc: Tiondra Wright, DTPW
Fernando Ramos, DTPW
Katherine Fernandez, DTPW
Clerk of the Board
Erick Perez, SPD
Project File

PLANS FOR PROPOSED
DRAINAGE IMPROVEMENTS TO

NW 7 STREET FROM NW 82 AVENUE TO NW 76 AVENUE AND MIDWAY PUMP STATION TELEMETRY IMPROVEMENTS

MIAMI–DADE COUNTY PROJECT NO.20240279
FUNDING SOURCE: STORMWATER UTILITY

INDEX OF SHEETS



SCALE: 1"=5000'

NOTE:

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

THESE PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH AND ARE GOVERNED BY THE MIAMI–DADE COUNTY PUBLIC WORKS DEPARTMENT STANDARDS AND SPECIFICATIONS PARTS 1, 2 AND 3. THE MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS. THE FLORIDA DEPARTMENT OF TRANSPORTATION ROADWAY AND TRAFFIC DESIGN STANDARDS, AND THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, AS AMENDED BY CONTRACT DOCUMENTS.

Sunshine State 811 of Florida, Inc.

PREPARED BY

MIAMI–DADE COUNTY

MIAMI–DADE COUNTY DEPARTMENT OF
TRANSPORTATION AND PUBLIC WORKS
ROADWAY ENGINEERING AND
RIGHT OF WAY DIVISION
STORMWATER DRAINAGE DESIGN SECTION

STEPHEN P. CLARK CENTER
111 NW 1 ST, SUITE 1510
MIAMI, FLORIDA 33128

DARYL K. HILDOER
LICENSE
No. 68633
STATE OF FLORIDA
PROFESSIONAL ENGINEER

4-20-2026

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY DARYL K. HILDOER, P.E. 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.

DESIGN	F.R.	CHECK	F.G.
		DRAWN	H.S.
DATE	6–15–25	SHEET	1 OF 19

NW 7 STREET FROM
NW 82 AVENUE TO NW 76 AVENUE AND MIDWAY PUMP STATION
TELEMETRY IMPROVEMENTS
DRAINAGE IMPROVEMENT PROJECT
PROJECT NO. 20240279 SHEET 2 OF 19

GENERAL NOTES:

1. ALL ELEVATIONS REFER TO THE MSL, 1929 NATIONAL GEODETIC VERTICAL DATUM (NGVD)
2. ALL DRAINAGE CONSTRUCTION SHALL BE IN STRICT ACCORDANCE WITH THE PERMITTING REQUIREMENTS OF MIAMI DADE COUNTY REGULATORY AND ECONOMIC RESOURCES AND THE MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS.
3. IT IS THE INTENT THESE PLANS TO BE IN ACCORDANCE WITH APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION. ANY DISCREPANCIES BETWEEN THERE PLANS AND APPLICABLE CODES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER.
4. CATCH BASINS, SEEPAGE DRAINS, PAVEMENT RESTORATION AND PAVEMENT AROUND CATCH BASINS TO BE ACCORDING TO THE DETAILS AND APPLICABLE REQUIREMENTS OF THE MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS.
5. WHERE NEW PAVEMENT MEETS EXISTING, CONNECTION SHALL BE MADE IN A NEAT STRAIGHT LINE AND FLUSH WITH EXISTING PAVEMENT.
6. CONTRACTOR IS TO VERIFY THE EXACT LOCATION OF ALL EXISTING TREES, STRUCTURES, AND UTILITIES WITH MAY NOT BE SHOWN ON PLANS. ANY EXISTING STRUCTURE, PAVEMENT, TREES OR OTHER EXISTING IMPROVEMENT NOT SPECIFIED FOR REMOVAL WHICH IS TEMPORARLY DAMAGED, EXPOSED OR IN ANY WAY DISTURBED BY CONSTRUCTION PERFORMED UNDER THIS CONTRACT, SHALL BE REPAIRED, PATCHED OR REPLACED AT NO ADDITIONAL COST TO THE OWNER.
7. THE LOCATION AND SIZE OF ALL EXISTING UTILITIES SHOWN ON THESE DRAWINGS ARE APPROXIMATE; ADDITIONAL UTILITIES MAY EXIST WHICH ARE NOT SHOWN ON THESE DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF ALL EXISTING UTILITIES. THE CONTRACTOR SHALL VERIFY ALL UTILITIES BY ELECTRONIC METHODS AND BY HAND EXCAVATION IN COORDINATION WITH ALL UTILITY COMPANIES; PRIOR TO BEGINNING ANY CONSTRUCTION OPERATION, ANY AND ALL CONFLICTS OF EXISTING UTILITIES WITH PROPOSED IMPROVEMENTS MUST BE RESOLVED BY THE ENGINEER AND THE OWNER. THIS WORK BY THE CONTRACTOR SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
8. CONTRACTOR SHALL CONTACT THE SUNSHINE STATE ONE CALL OF FLORIDA, INC. AT 1 (800) 432-4770 AT LEAST 48 HOURS PRIOR TO PERFORMING ANY DIGGING TO VERIFY THE EXACT LOCATION OF EXISTING UTILITIES.
9. EXISTING TREES SHALL BE REMOVED ONLY IF REQUIRED FOR CONSTRUCTION. THOSE TREES NOT INTERFERING WITH CONSTRUCTION SHALL BE PROTECTED IN PLACE. THE CONTRACTOR IS ADVISED THAT A TREE PERMIT MAY BE REQUIRED FOR TREE REMOVAL. CONTRACTOR SHALL NOTIFY REGULATORY AND ECONOMIC RESOURCES DEPARTEMENT AND MUNICIPALITIES WITH JURIDICTION PRIOR TO REMOVING ANY TREES.
10. EXISTING GRADES WERE TAKEN FROM THE BEST AVAILABLE DATA AND MAY NOT ACCURATELY REFLECT PRESENT CONDITIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING HIMSELF WITH CURRENT SITE CONDITIONS, AND SHALL REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO STARTING WORK.
11. THE CONTRACTOR SHALL PREPARE AND SUBMIT SHOP DRAWINGS FOR ALL ITEMS LISTED IN PROJECT SPECIFICATION.
12. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR LEAVE EXCAVATED TRENCHES, OR PARTS OF, EXPOSED OR OPEN AT THE END OF THE WORKING DAY, WEEKENDS, HOLIDAYS OR OTHER TIMES. WHEN THE CONTRACTOR IS NOT WORKING, UNLESS OTHERWISE DETERMINED, ANY TRENCH SHALL BE COVERED, FIRMLY SECURED AND MARKED ACCORDINGLY FOR PEDESTRIAN TRAFFIC.
13. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES.
14. ALL EXCAVATED MATERIAL REMOVED FROM THIS PROJECT SHALL BE DISPOSED OF PROPERLY BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
15. CAST IRON PRODUCTS: HEAVY-DUTY CLASSIFICATION SUITABLE FOR HIGHWAY TRAFFIC LOADS, OR 16,000 LB. WHEEL LOADS.
16. STEEL GRATING AND COVERS: TRAFFIC CLASSIFICATION H-20 AASHTO H20: 16,000 LBS. OVER 8" X 20" AREA.
17. ALL STRUCTURES MUST BE CAPABLE OF SUSTAINING HEAVY TRAFFIC LOADS.
18. ALL GRASS AREAS AFFECTED BY CONSTRUCTION SHALL BE RE-SODDED.
19. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROVISION, INSTALLATION AND MAINTENANCE OF ALL TRAFFIC CONTROL AND SAFETY DEVICES, IN ACCORDANCE WITH SPECIFICATIONS OUTLINED IN SECTION C2 AND SECTION R19 OF THE PUBLIC WORKS DEPARTMENT MANUAL. IN ADDITION, THE CONTRACTOR IS RESPONSIBLE FOR THE RESETTING OF ALL TRAFFIC CONTROL AND INFORMATION SIGNING REMOVED DURING CONSTRUCTION PERIOD.
20. EXCAVATED OR OTHER MATERIAL STORED ADJACENT TO OR PARTIALLY UPON A ROADWAY PAVEMENT SHALL BE ADEQUATELY MARKED FOR TRAFFIC SAFETY AT ALL TIMES.
21. TEMPORARY PATCH MATERIAL MUST BE ON THE JOB SITE WHENEVER PAVEMENT IS CUT, OR THE INSPECTOR WILL SHUT THE JOB DOWN.
22. CONTRACTOR SHALL MAINTAIN TRAFFIC ACCORDING TO CORRESPONDING TYPICAL CONTROL DETAIL AS OUTLINED IN MIAMI-DADE COUNTY PUBLIC WORKS MANUAL.
23. CONTRACTOR SHALL MAINTAIN AT LEAST THE FOLLOWING NUMBER OF TRAFFIC LANES FOR CORRESPONDING TIME PERIODS: MONDAY - FRIDAY 7-9 A.M. AND 4-6 P.M.; NO INTERRUPTION TO TRAFFIC IS PERMITTED.
    ALL OTHER TIMES:
    A) MAINTAIN ONE LANE FOR TWO-WAY OPERATION WITH FLAGMEN.
    B) MAINTAIN ONE LANE IN EACH DIRECTION FOR TRAFFIC.
24. CONTRACTOR MUST PROVIDE FLASHER ARROW BOARD FOR ANY LANE THAT IS CLOSED OR DIVERTED.
25. CONTRACTOR SHALL NOTIFY LAW ENFORCEMENT AND FIRE PROTECTION SERVICES TWENTY-FOUR (24) HOURS IN ADVANCE OF THE DETOUR IN ACCORDANCE WITH SECTION 336.07 OF FLORIDA STATUTES.
26. COMPLETE AS-BUILT INFORMATION RELATIVE TO LOCATION AND DEPTH OF PIPES, MANHOLES, ETC. SHALL BE ACCURATELY RECORDED BY THE CONTRACTOR. THREE (3) SETS LABELED "AS-BUILT" MUST BE SUBMITTED, SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF FLORIDA, TO THE ENGINEER OF RECORD PRIOR TO FINAL ACCEPTANCE OF THE WORK.
27. IT IS RESPONSIBILITY OF THE CONTRACTOR TO SELECT AND OBTAIN THE APPROPRIATE PERMISSION FROM MIAMI-DADE COUNTY OR APPLICABLE AGENCY THAT HAS JURISDICTION ON THE "PROPOSED" STAGING AREAS.
28. DRAINAGE/UTILITY TRENCHES SHALL NOT BE LEFT OPEN OVERNIGHT. A TEMPORARY COVER WITH A CAPACITY OF H-20 LOADING SHALL BE PLACED AS DIRECTED BY THE ENGINEER AT NO EXTRA COST TO MIAMI-DADE COUNTY.
29. PROVIDE FLOWABLE FILL OVER PIPE AS COVER WHERE MINIMUM PIPE COVER OF 2 FEET CANNOT BE ACCOMPLISHED UNDER PAVED AREAS. HOWEVER, THE COVER WITH FLOWABLE FILL SHALL BE NO LESS THAN 12 INCHES.
30. ALL STATIONS AND OFFSETS REFER TO [CENTERLINE]/ [BASELINE] OF CONSTRUCTION, UNLESS OTHERWISE STATED.
31. CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE EPA AND THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES).
32. MIAMI-DADE WATER AND SEWER DEPARTMENT REQUIRES THAT ACCESS TO ALL WATER AND SEWER VALVES, SANITARY MANHOLES, AND OTHER CONTROL MECHANISMS BE MAINTAINED THROUGHOUT CONSTRUCTION IN THE EVENT OF AN EMERGENCY TO ENSURE THE PUBLIC HEALTH AND SAFETY. COVERING VALVE BOXES AND MANHOLES CAN BE CONSIDERED UNAUTHORIZED CONSTRUCTION OF AND TAMPERING WITH DEPARTMENT UTILITIES. ALL REQUESTS FOR UTILITY ADJUSTMENTS MUST BE MADE IN WRITING AT LEAST TWO (2) WEEKS IN ADVANCE. FOR MANHOLE AND VALVES, CONTACT UTILITY COORDINATOR PATRICK CHONG AT 786-268-5255. THE DEPARTMENT WILL MAKE ONE FINAL AND PERMANENT ADJUSTMENT AT NO COST TO THE REQUESTING AGENCY. FOR THE ADJUSTMENT OF WATER METERS, CONTACT THE CHIEF OF METER OPERATIONS AND MAINTENANCE: 786-268-5469. FOR ANY FIRE HYDRANTS THAT ARE DAMAGED OR BUMPED DURING CONSTRUCTION, CONTACT THE MDWASD HYDRANT SHOP AT 305-552-4926, BEFORE POURING CONCRETE FOR THE SIDEWALK. IN THE EVENT OF A WATER OR SEWER EMERGENCY, WASD EMERGENCY NUMBER 305-552-8901. THIS LINE IS OPEN 24 HOURS, 7 DAYS A WEEK.
33. THE CONTRACTOR IS ADVISED THAT PROPERTIES ADJACENT TO THE PROJECT HAVE ELECTRIC, TELEPHONE, GAS, WATER AND/OR SEWER SERVICE LATERALS WHICH MAY NOT BE SHOWN IN PLANS. THE CONTRACTOR MUST REQUEST THE LOCATION OF THESE LATERAL SERVICES FROM THE UTILITY COMPANIES. THE ADDITIONAL COST OF EXCAVATING, INSTALLING, BACKFILLING, AND COMPACTING AROUND THESE SERVICES MUST BE INCLUDED IN THE BID RELATED ITEM FOR THE WORK BEING DONE.
34. THE CONTRACTOR SHOULD TAKE SPECIAL NOTE OF SOIL CONDITIONS THROUGHOUT THIS PROJECT. ANY SPECIAL SHORING, SHEETING OR OTHER PROCEDURES NECESSARY TO PROTECT ADJACENT PROPERTY, PUBLIC OR PRIVATE, DURING THE EXCAVATION OF SUBSOIL MATERIAL AND EXFILTRATION TRENCH, OR FILLING OF ANY AREA, OR FOR ANY OPERATION DURING CONSTRUCTION, SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
35. 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.
36. ALL DITCH EXCAVATIONS SHALL BE PERFORMED IN FULL COMPLIANCE WITH THE PROVISIONS OF THE TRENCH SAFETY ACT.
37. ANY KNOWN OR SUSPECTED HAZARDOUS MATERIAL FOUND ON THE PROJECT BY THE CONTRACTOR SHALL BE IMMEDIATELY REPORTED TO THE PROJECT ENGINEER, WHO SHALL DIRECT THE CONTRACTOR TO PROTECT THE AREA OF KNOWN OR SUSPECTED CONTAMINATION FROM FURTHER ACCESS. THE ENGINEER WILL ARRANGE FOR INVESTIGATION, IDENTIFICATION, AND REMEDIATION OF THE HAZARDOUS MATERIAL. THE CONTRACTOR SHALL NOT RETURN TO THE AREA OF CONTAMINATION UNTIL APPROVAL IS PROVIDED BY THE PROJECT ENGINEER.
38. THE CONTRACTOR SHALL USE A STREET SWEEPER (USING WATER) OR OTHER EQUIPMENT CAPABLE OF CONTROLLING AND REMOVING DUST. APPROVAL OF THE USE OF SUCH EQUIPMENT IS CONTINGENT UPON ITS DEMONSTRATED ABILITY TO DO THE WORK.
39. 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.
40. PRIOR TO CONSTRUCTION THE CONTRACTOR WILL INSPECT ALL EXISTING STRUCTURES WHICH ARE TO REMAIN AND NOTIFY THE ENGINEER OF ANY OBVIOUS STRUCTURAL DEFICIENCIES.
41. WHERE CONNECTIONS TO EXISTING SIDEWALKS AND DRIVEWAYS ARE NOT INDICATED ON PLANS, PROPER CONNECTIONS ARE TO BE MADE AS DIRECTED BY THE ENGINEER. DROP CURB AND DRIVEWAY CONNECTIONS SHALL BE PROVIDED FOR ACCESS TO ALL PRIVATE PROPERTIES ADJACENT TO THE PROJECT. PAYMENT SHALL BE INCLUDED IN THE COST OF RELATED BID ITEMS.
42. CONTRACTOR TO INSTALL ½" PERFORMED EXPANSION JOINT WHEN PROPOSED SIDEWALK IMPROVEMENTS IS IMMEDIATELY ADJACENT TO EXISTING CONCRETE SLAB AND/OR BUILDING.
43. THE SIDEWALK AT DRIVEWAY TURNOUTS SHALL BE 6"CONCRETE.
44. ALL BUS STOP SIGNS TO BE FURNISHED BY MIAMI-DADE TRANSPORTATION AND PUBLIC WORKS DEPARTMENT. ENGINEER TO CONTACT MIAMI-DADE COUNTY TRANSPORTATION AND PUBLIC WORKS DEPARTMENT AT (305) 637-3753 ONE (1) WEEK PRIOR TO POURING SIDEWALKS AND COORDINATE THE REMOVAL AND REPLACEMENT OF BUS STOP SIGNS AND BENCHES.
45. THE INFORMATION PROVIDED IN THESE DRAWINGS IS SOLELY TO ASSIST THE CONTRACTOR IN ASSESSING THE NATURE AND EXTENT OF CONDITIONS WHICH WILL BE ENCOUNTERED DURING THE COURSE OF WORK. THE CONTRACTORS ARE DIRECTED, PRIOR TO BIDDING, TO CONDUCT WHATEVER INVESTIGATIONS THEY DEEM NECESSARY TO ARRIVE AT THEIR OWN CONCLUSION REGARDING THE ACTUAL CONDITIONS THAT WILL BE ENCOUNTERED AND UPON WHICH BIDS WILL BE BASED.
46. ANY SURVEY MONUMENT, BENCH MARK, ETC., FOUND DURING CONSTRUCTION ACTIVITIES ARE TO BE RESTORED TO IT IS ORIGINAL LOCATION AND COORDINATES AS DEPICTED IN COUNTY RECORDS PLAT AND BOOK. RESTORATION WILL BE AT NO ADDITIONAL COST AND MUST BE SHOWN ON AS-BUILT PLANS.
47. FOR THE INSTALLATION OF SOD IN SWALE AREAS ADJACENT TO ROADWAYS, SIDEWALKS, DRIVEWAY APPROACHES OR ANY OTHER PAVED SURFACES, THE SWALE MUST BE RESTORED TO FORM A "V" SHAPE AS PER THE DETAILS INCLUDED IN THE MIAMI DADE COUNTY PUBLIC WORKS MANUAL. SPECIFICALLY, THE ELEVATION OF THE TOP OF THE SOD MUST MATCH THE ABUTTING AREAS (EDGE OF PAVEMENT, SIDEWALK OR DRIVEWAY APPROACH) AND THE CENTERLINE OF THE SWALE SHALL BE ON AVERAGE 3 INCHES BELOW THE ROADWAY EDGE OF PAVEMENT ELEVATION UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
48. ANY DRAINAGE IMPROVEMENT PROJECT REQUIRING THE RESURFACING OF THE ENTIRE ROADWAY INTERSECTION WILL REQUIRE THE CONTRACTOR TO UPGRADE THE EXISTING RAMPS AND CONNECTORS SITUATED WITHIN THE INTERSECTION TO ADA STANDARDS, AS NECESSARY. IF NO RAMPS AND CONNECTORS ARE PRESENT, THE CONTRACTOR MUST INSTALL NEW ADA COMPLIANT SIDEWALK RAMPS AND CONNECTORS. THIS REQUIREMENT IS CONTINGENT UPON THE PRESENCE OF EXISTING SIDEWALKS REQUIRING CONNECTION.

DARYL K. HILDOER
LICENSE
No. 68633
STATE OF FLORIDA
PROFESSIONAL ENGINEER

4-20-2026

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REVISIONS								
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

NW 7 STREET FROM
NW 82 AVENUE TO NW 76 AVENUE
AND MIDWAY PUMP STATION
TELEMETRY IMPROVEMENTS
DRAINAGE IMPROVEMENT PROJECT

	NAME	DATE		NAME	DATE
DESIGNED BY	F.R.	6-15-25	DRAWN BY	H.S.	6-15-25
CHECKED BY	F.G.	6-15-25	CHECKED BY	F.R.	6-15-25

SUPERVISED BY:

MIAMI-DADE COUNTY

DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
ROADWAY ENGINEERING AND RIGHT OF WAY DIVISION
STEPHEN P. CLARK CENTER
111 NW 1 ST
MIAMI, FLORIDA 33128

GENERAL NOTES

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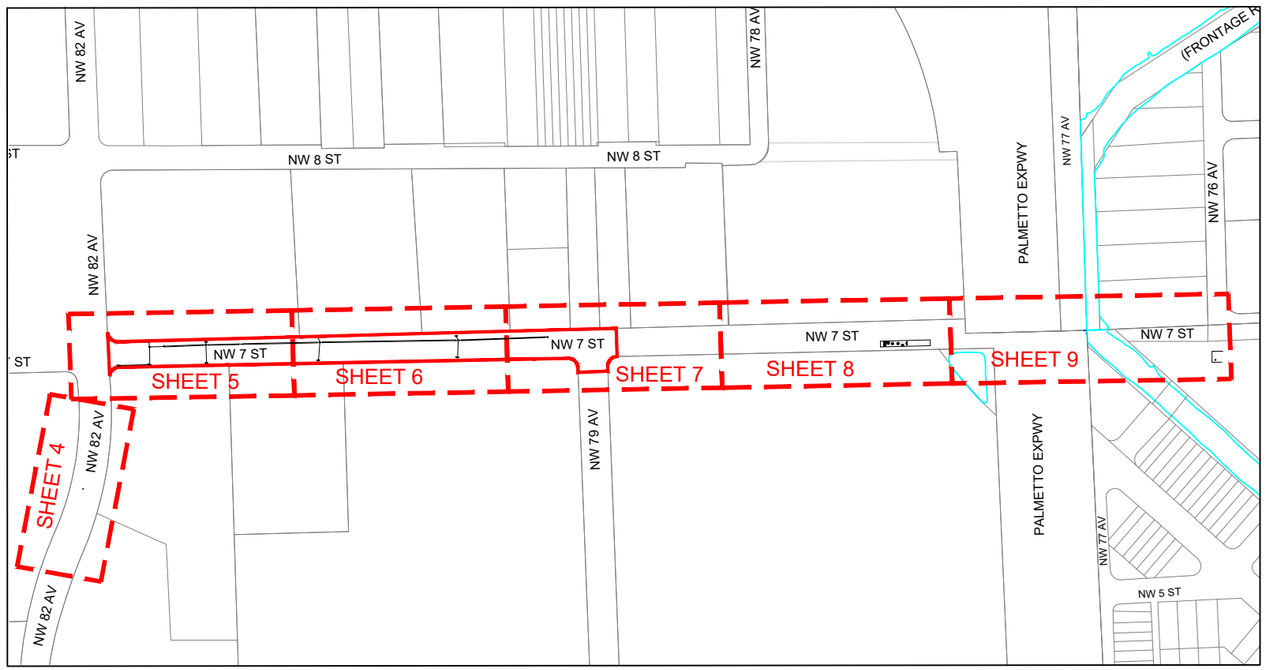
NW 7 STREET FROM
NW 82 AVENUE TO NW 76 AVENUE AND MIDWAY PUMP STATION
TELEMETRY IMPROVEMENTS
DRAINAGE IMPROVEMENT PROJECT
PROJECT NO. 20240279 SHEET 3 OF 19

SURVEYOR'S NOTES:

-Survey performed by DTPW Survey Section.
-Survey Date: 11-8-2024
-Survey as per
F.B. 3016 Page1-7
F.B. 2963 Page72
-(NW 7 ST from NW 82 AVE to NW 79 AVE)
-The elevations are based on NGVD 1929, Miami Dade County
Name=N-3010
BM Elev=7.67'
NW 25 ST = on ℄; NW 79 AVE=58' WEST OF ℄
P.K. NAIL & BRASS WASHER IN CENTER OF BULLNOSE
-Section 53, Township 53 , Range 40.
-Section 03, Township 54, Range 40.
-Benchmark for vertical control information was recorded by DTPW Survey Section.
-Right-of-Way Lines shown hereon as per existing plats.

LOCATION MAP & KEY MAP



KEY SHEET
TRS 53-40-53
TRS 54-40-03
TRS 54-40-02

LEGEND AND ABBREVIATIONS:

= CONCRETE
= ASPHALT
= UNIMPROVED DRIVEWAY
= GRAVEL
= BRICK
= STAMPED CONCRETE
= CONCRETE BLOCK FENCE
= TREE DIAMETER
= EXISTING CATCH BASIN
= EXISTING STORMWATER MANHOLE
= PROPOSED CATCH BASIN
= PROPOSED STORMWATER MANHOLE
= EXISTING SOLID PIPE
= EXISTING FRENCH DRAIN
= PROPOSED SOLID PIPE
= PROPOSED FRENCH DRAIN
= RIGHT-OF-WAY LINE
= WOOD FENCE
= CHAIN LINK FENCE
= IRON FENCE
= EXISTING SIDEWALK
= F.P.L. OVERHEAD
= F.P.L. UNDERGROUND
= WATER LINE MAIN
= GAS MAIN
= FORCE MAIN
= CABLE TV
= BELL SOUTH TELEPHONE CONDUIT
= BASELINE
= SANITARY SEWER

(M) = MEASURES
(P) = By PLAT
Fd = FOUND
CND = CONCRETE NAIL & DISK
PKF = PK NAIL FOUND
CNDF = CONCRETE NAIL & DISK FOUND
CNF = CONCRETE NAIL & DISK FOUND
CNC = CONCRETE NAIL CUT
DHF = DRILL HOLE FOUND
NF = NAIL FOUND
PKDF = PK NAIL & DISK FOUND
R/W = RIGHT OF WAY
RBAC = ROCK BASE ASPHALT COMPOUND
℄ = BASE LINE
℄ = CENTER LINE
R = RADIUS
L = LENGTH OF CURVE
C&G = CURB & GUTTER
VG = VALLEY GUTTER
E/P = EDGE OF PAVEMENT
T/B = TOP OF BANK
E/W = EDGE OF WATER
PCP = PERMANENT CONTROL POINT
RLS = REGISTERED LAND SURVEYOR
PLS = PROFESSIONAL LAND SURVEYOR
= STREET SIGN
= ALUM. FLASHING SCHOOL LIGHT
= MAILBOX
= DECORATIVE LIGHT POLE
= METAL LIGHT POLE
= METAL TRAFFIC LIGHT POLE
= METAL POWER POLE
= CONCRETE LIGHT POLE
= CONCRETE POWER POLE
= WOOD LIGHT POLE
= WOOD POWER POLE
= WOOD TELEPHONE POLE
= FIBERGLASS LIGHT POLE
= WATER MANHOLE
= SANITARY MANHOLE
= SANITARY SEWER VALVE (FM)
= CABLE TV PEDESTRIAN
= TV CABLE RISER BOX
= TV CONTROL BOX
= CABLE BOX
= TELEPHONE HANDHOLE
= TELEPHONE MANHOLE
= TELEPHONE UTILITY BOX
= TELEPHONE RISER BOX
= TELEPHONE RISER CONTROL BOX
= TELEPHONE CONTROL BOX
= BOX
= CROSSING SIGN
= POST
= INTERCOM
= GAS VALVE
= PVC POST
= GUY WIRE
= SPRINKLE HEAD
= CENTRAL ANGLE OF CURVE
= MONITORING WELL
= PETROLEUM PIPELINE
= ELECTRIC HANDHOLE
= ELECTRIC MANHOLE
= FIRE HYDRANT
= WATER VALVE
= WATER METER
= TRAFFIC SIGH MANHOLE
= TRAFFIC SIGH HANDHOLE
= TRAFFIC CONTROL BOX
= TRAFFIC SIGNAL BOX
= ELECTRICAL CONTROL BOX
= RAIL ROAD CROSSING (LIGHT)

AVOCADO TREE
ARECA TREE
AUST. PINE TREE
ALMOND TREE
BLACK OLIVE TREE
BOTTLE BRUSH TREE
BISMARCK PALM
BUSH TREE
BISCHOFIA TREE
BOTTLE PALM
BANANA TREE
BANYAN TREE
BRAZILIAN PEPPER
CABBAGE TREE
COCONUT TREE
CLUSTER PALM
CYPRESS TREE
CANARY PALM
COCOS PLUMOSA
CACTUS
DATE PALM
FICUS TREE
FLORIDA ORCHID TREE
FOX TAIL TREE
GUMBO LIMBO TREE
HIBISCUS TREE
IXORA TREE
JUNIPER TREE
JARACANDA TREE
KAPOK TREE

LIVE OAK TREE
MAMEY TREE
MULBERRY TREE
MAHOGANY TREE
MANGO TREE
MANGROVE TREE
NISPERO TREE
NORFOLK TREE
OAK TREE
ORANGE GEIGER
PINE TREE
PALM TREE
PHILODENDRON/RUBBER TREE
QUEEN PALM TREE
RHOBOLINI TREE
ROYAL POINCIANA TREE
ROSEWOOD TREE
ROYAL PALM
SOUR ORANGE TREE
SEA GRAPE TREE
SOLITARY PALM
SILVER BUTTONWOOD TREE
TABEBULA TREE
TRAVELER CLUSTER
TAMARIND TREE
UNKNOWN TREE
UMBRELLA TREE
WASHINGTON PALM
ZAPODILLA TREE
HEDGES

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REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

NW 7 STREET FROM
NW 82 AVENUE TO NW 76 AVENUE AND
MIDWAY PUMP STATION TELEMETRY IMPROVEMENTS
DRAINAGE IMPROVEMENT PROJECT

	NAME	DATE		NAME	DATE
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SUPERVISED BY:

MIAMI-DADE COUNTY
DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
ROADWAY ENGINEERING AND RIGHT OF WAY DIVISION
STEPHEN P. CLARK CENTER
111 NW 1 ST
MIAMI, FLORIDA 33128

SURVEYOR'S NOTES, KEY SHEET
LEGEND AND ABBREVIATIONS

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MATCHLINE A-A(SEE SH-5)

NW 7 STREET FROM
NW 82 AVENUE TO NW 76 AVENUE AND MIDWAY PUMP STATION
TELEMETRY IMPROVEMENTS
DRAINAGE IMPROVEMENT PROJECT
PROJECT NO. 20240279 SHEET 4 OF 19

NW 6 TERR

NW 82 CT

NW 82 AVENUE

NW 5 LN

EXIST. POLLUTION CONTROL STRUCTURE.
–CONTRACTOR TO REMOVE AND REPLACE EXISTING SENSORS WITH SENIX TOUGHSONIC30 ULTRASONIC SENSOR AND NECESSARY PARTS

EXIST. ELECTRICAL PULL BOX

REMOVE AND REPLACE EXIST. SOLAR PANEL, ANTENNA AND RTU.
–INSTALL NEW RTU AS PER DETAIL ON SH.–12 AND 13.
–INSTALL ANTENNA AS PER DETAIL ON SH.14
–SEE NOTE FOR NEW SOLAR PANEL.

EXIST. SOLAR PANEL TO REMAIN

EXIST. CONCRETE POLE

EXIST. 3"ø ELECTRICAL CONDUIT
CONTRACTOR TO REPLACE EXIST. CABLE

PROJECT LIMIT

SOLAR PANEL NOTE:
50 W SOLAR ARRAY AND 4 ARM POLE–MOUNTING HARDWARE

N

SCALE: 1"=30'

DARYL K. HILDOER
LICENSE
No. 68633
STATE OF FLORIDA
PROFESSIONAL ENGINEER

4-20-2026

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REVISIONS								
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

NW 7 STREET FROM
NW 82 AVENUE TO NW 76 AVENUE AND
MIDWAY PUMP STATION TELEMETRY IMPROVEMENTS
DRAINAGE IMPROVEMENT PROJECT

	NAME	DATE		NAME	DATE
DESIGNED BY	F.R.	4–20–26	DRAWN BY	H.S.	4–20–26
CHECKED BY	F.G.	4–20–26	CHECKED BY	F.R.	4–20–26

SUPERVISED BY:

MIAMI–DADE COUNTY

DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
ROADWAY ENGINEERING AND RIGHT OF WAY DIVISION
STEPHEN P. CLARK CENTER
111 NW 1 ST.
MIAMI, FLORIDA 33128

SCADA AND TELEMETRY

NW 7 STREET FROM
NW 82 AVENUE TO NW 76 AVENUE AND MIDWAY PUMP STATION
TELEMETRY IMPROVEMENTS
DRAINAGE IMPROVEMENT PROJECT
PROJECT NO. 20240279 SHEET 5 OF 19

PROJECT LIMIT

ST-MH # 12
RIM. EL.=6.92'
BOTT. EL.=(-)3.50'
INV. EL.=(N) (-)1.18' S.P. PIPE ø24"
INV. EL.=(E) 0.47' S.P. PIPE ø24"
CONC. STRUCTURE= ø72"

ST-MH # 80
RIM. EL.=6.59'
BOTT. EL.=(-)0.85'
INV. EL.=(S) 2.63' C.M. PIPE ø15"
CONC. STRUCTURE= ø42"

REMOVE EXIST. PIPE AND PROP. 15 L.F. OF 15"ø SOLID PIPE
CP-2 (See Sheet # 10)

CONNECT EXISTING PIPE TO PROP. STRUCTURE

REMOVE AND REPLACE EXIST. STRUCTURE
ST-MH # 83
RIM. EL.=6.39'
BOTT. EL.=(-)1.50'
INV. EL.=(N) 2.20' C.M. PIPE ø15"
INV. EL.=(S) 1.59' C.M. PIPE ø15"
INV. EL.=(E) 0.24' C.M. PIPE ø36"
INV. EL.=(W) 1.05' S.P. PIPE ø24"
STRUCTURE= 42"X42"

REMOVE AND REPLACE EXIST. STRUCTURE
ST-MH # 115
RIM. EL.=6.25'
BOTT. EL.=(-)2.20'
INV. EL.=(N) 2.86' C.M. PIPE ø15"
INV. EL.=(S) 2.65' C.M. PIPE ø15"
INV. EL.=(E) (-)0.15' C.M. PIPE ø36"
INV. EL.=(W) 0.00' S.P. PIPE ø36"
STRUCTURE= 42"X42"

REMOVE AND REPLACE EXIST. STRUCTURE
CB # 111
RIM. EL.=5.92'
BOTT. EL.=(+)1.35'
INV. EL.=2.33' (S) C.M. PIPE ø15"
STRUCTURE= ø42"

REMOVE EXIST. PIPE AND PROP. 90 L.F. OF 36"ø FRENCH DRAIN

REMOVE EXIST. PIPE AND PROP. 10 L.F. OF 36"ø SOLID PIPE
CP-6 (See Sheet # 10)

REMOVE EXIST. PIPE AND PROP. 40 L.F. OF 36"ø SOLID PIPE
CP-3 (See Sheet # 10)

REMOVE EXIST. PIPE AND PROP. 110 L.F. OF 36"ø FRENCH DRAIN

REMOVE EXIST. PIPE AND PROP. 10 L.F. OF 15"ø SOLID PIPE
CP-5 (See Sheet 10)

NW 82 AVENUE

NW 7 STREET

35.00'
35.00'
40.00'
40.00'
R25.00'
R25.00'
R25.00'
METAL PED POLE

MH-1
MH-2
S-1
S-2
S-3
S-4
E-1

FD PK
FD 1/2" REBAR / CAP
ø 18"
H=35'

E/P
C&G
W
FPL AERIAL
U.G.T.

REMOVE EXIST. PIPE AND PROP. 80 L.F. OF 24"ø SOLID PIPE

REMOVE AND REPLACE EXIST. STRUCTURE
CB # 15
RIM. EL.=5.80'
BOTT. EL.=(-)0.55'
INV. EL.=1.45' (E) S.P. PIPE ø24"
INV. EL.=1.96' (W) S.P. PIPE ø18"
STRUCTURE= ø36"

CONNECT EXISTING PIPE TO PROP. STRUCTURE

ST-MH # 14
RIM. EL.=6.44'
BOTT. EL.=1.10'
INV. EL.=(E) 1.98' C.M. PIPE ø18"
BOTTOM VERTICAL C.M. PIPE ø15" ELEV=(-)0.80'
CONC. STRUCTURE= ø36"

REMOVE EXIST. PIPE AND PROP. 45 L.F. OF 24"ø SOLID PIPE
CP-1 (See Sheet # 10)

REMOVE AND REPLACE EXIST. STRUCTURE
CB # 85
RIM. EL.=6.15'
BOTT. EL.=(-)0.75'
INV. EL.=3.28' (N) C.M. PIPE ø15"
INV. EL.=2.56' (W) S.P. PIPE ø24"
STRUCTURE= ø42"

REMOVE EXIST. PIPE AND PROP. 45 L.F. OF 15"ø SOLID PIPE
CP-4 (See Sheet # 10)

REMOVE EXIST. STRUCTURE AND PIPES
ST-MH # 124
RIM. EL.=6.24'
BOTT. EL.=(-)0.30'
RIM. EL.=(E) 1.73' C.M. PIPE ø18"
BOTTOM VERTICAL C.M. PIPE 15"ø ELEV=(-)11.00'
STRUCTURE= ø36"

REMOVE AND REPLACE EXIST. STRUCTURE
CB # 104
RIM EL.=6.13'
BOTT. EL.=(-)1.00'
EL.=3.23' (N) C.M. PIPE ø15"
STRUCTURE= ø42"

SCALE: 1"=30'

MATCHLINE B-B(SEE SH-6)

PROJECT LIMIT

MATCHLINE A-A(SH-4)

DARYL K. HILDOER
LICENSE
No. 68633
STATE OF FLORIDA
PROFESSIONAL ENGINEER
4-20-2026

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REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

NW 7 STREET FROM
NW 82 AVENUE TO NW 76 AVENUE AND
MIDWAY PUMP STATION TELEMETRY
IMPROVEMENTS
DRAINAGE IMPROVEMENT PROJECT

	NAME	DATE		NAME	DATE
DESIGNED BY	F.R.	4-20-26	DRAWN BY	H.S.	4-20-26
CHECKED BY	F.G.	4-20-26	CHECKED BY	F.R.	4-20-26

SUPERVISED BY:

MIAMI-DADE COUNTY

DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
ROADWAY ENGINEERING AND RIGHT OF WAY DIVISION
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111 NW 1 ST
MIAMI, FLORIDA 33128

DRANAGE PLANS

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NW 7 STREET FROM
NW 82 AVENUE TO NW 76 AVENUE AND MIDWAY PUMP STATION
TELEMETRY IMPROVEMENTS
DRAINAGE IMPROVEMENT PROJECT
PROJECT NO. 20240279 SHEET 6 OF 19

SCALE: 1"=30'

REMOVE EXIST. PIPE AND
PROP. 205 L.F. OF
36"ø FRENCH DRAIN

REMOVE EXIST. PIPE AND
PROP. 15 L.F. OF
15"ø SOLID PIPE
CP-8 (See Sheet # 10)

ST-MH # 163
RIM. EL.=7.00'
BOTT. EL.=(–)0.55'
INV. EL.=(SE) 2.40' C.M. PIPE ø15"
CONC. STRUCTURE= ø36"

REMOVE AND REPLACE
EXIST. STRUCTURE
ST-MH # 166
RIM EL.=6.97'
BOTT. EL.=(–)2.30'
INV. EL.=(NW) 1.86' C.M. PIPE ø15"
INV. EL.=(S) 1.82' C.M. PIPE ø15"
INV. EL.=(E) (–)0.19' C.M. PIPE ø36"
INV. EL.=(W) 0.23' S.P. PIPE ø36"
STRUCTURE= 42"X42"

REMOVE EXIST. PIPE AND
PROP. 365 L.F. OF
36"ø FRENCH DRAIN

MATCHLINE A-A (SH-5)

MATCHLINE C-C(SEE SH-7)

E-2

MH-3

S-5

NW 7 STREET

35.00'

40.00'

SET CN

BUS STOP COLUMN

FD 1/2" REBAR/CAP
FIBER OPTIC LINE PIPE

REMOVE EXIST. PIPE AND
PROP. 45 L.F. OF
15"ø SOLID PIPE
CP-7 (See Sheet # 10)

REMOVE AND REPLACE
EXIST. STRUCTURE
CB # 173
RIM. EL.=6.53'
BOTT. EL.=(–)0.90'
INV. EL.=3.32' (N) C.M. PIPE ø15"
CONC. STRUCTURE= ø42"

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DRANAGE PLANS

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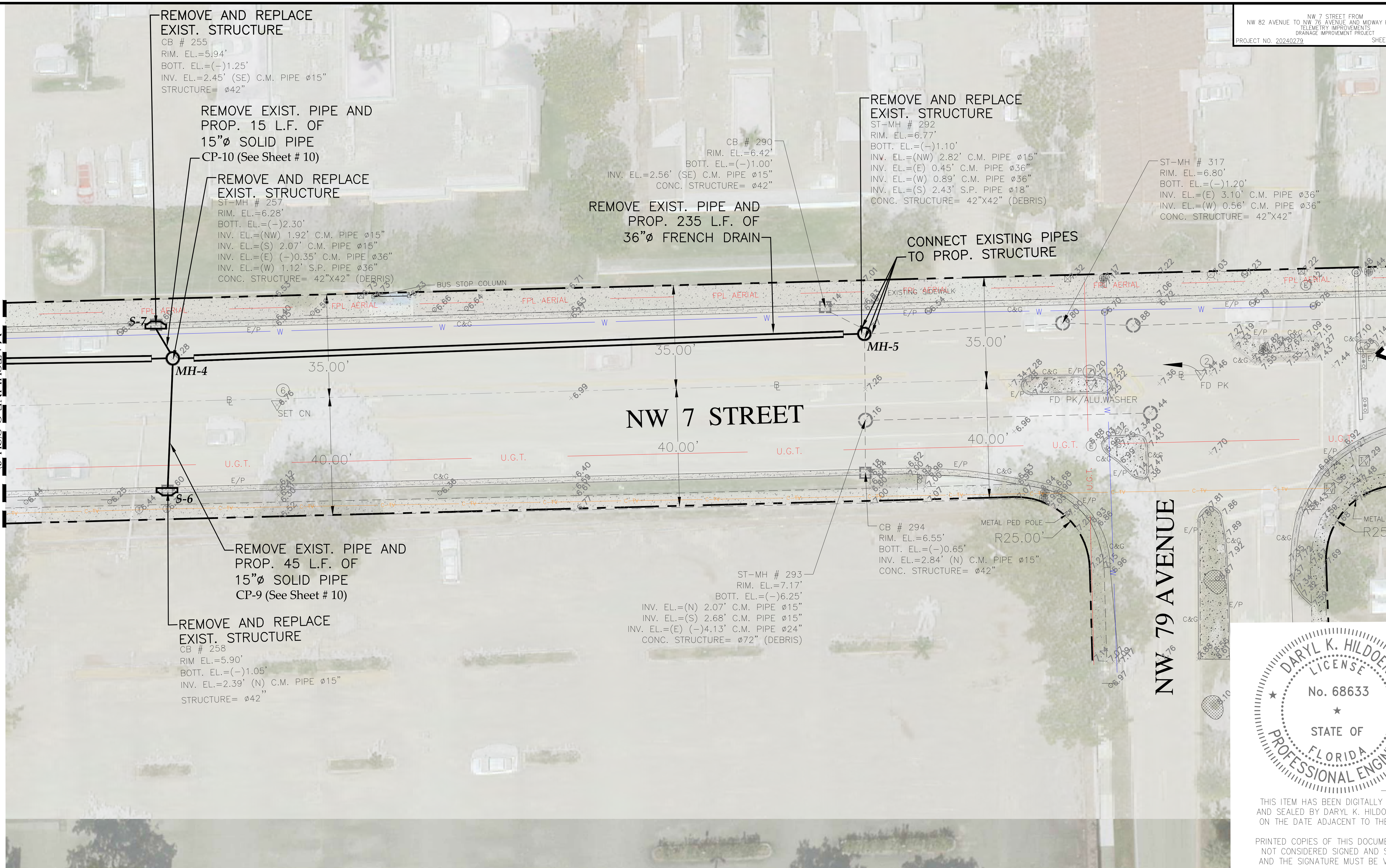
NW 7 STREET FROM NW 82 AVENUE TO NW 76 AVENUE AND MIDWAY PUMP STATION TELEMETRY IMPROVEMENTS
DRAINAGE IMPROVEMENT PROJECT
PROJECT NO. 20240279



REMOVE AND REPLACE EXIST. STRUCTURE
CB # 255
RIM. EL.=5.94'
BOTT. EL.=(-)1.25'
INV. EL.=2.45' (SE) C.M. PIPE ø15"
STRUCTURE= ø42"
REMOVE EXIST. PIPE AND PROP. 15 L.F. OF 15"ø SOLID PIPE
CP-10 (See Sheet # 10)
REMOVE AND REPLACE EXIST. STRUCTURE
ST-MH # 257
RIM. EL.=6.28'
BOTT. EL.=(-)2.30'
INV. EL.=(NW) 1.92' C.M. PIPE ø15"
INV. EL.=(S) 2.07' C.M. PIPE ø15"
INV. EL.=(E) (-)0.35' C.M. PIPE ø36"
INV. EL.=(W) 1.12' S.P. PIPE ø36"
CONC. STRUCTURE= 42"X42" (DEBRIS)
CB # 290
RIM. EL.=6.42'
BOTT. EL.=(-)1.00'
INV. EL.=2.56' (SE) C.M. PIPE ø15"
CONC. STRUCTURE= ø42"
REMOVE EXIST. PIPE AND PROP. 235 L.F. OF 36"ø FRENCH DRAIN
REMOVE AND REPLACE EXIST. STRUCTURE
ST-MH # 292
RIM. EL.=6.77'
BOTT. EL.=(-)1.10'
INV. EL.=(NW) 2.82' C.M. PIPE ø15"
INV. EL.=(E) 0.45' C.M. PIPE ø36"
INV. EL.=(W) 0.89' C.M. PIPE ø36"
INV. EL.=(S) 2.43' S.P. PIPE ø18"
CONC. STRUCTURE= 42"X42" (DEBRIS)
ST-MH # 317
RIM. EL.=6.80'
BOTT. EL.=(-)1.20'
INV. EL.=(E) 3.10' C.M. PIPE ø36"
INV. EL.=(W) 0.56' C.M. PIPE ø36"
CONC. STRUCTURE= 42"X42"
CONNECT EXISTING PIPES TO PROP. STRUCTURE
BUS STOP COLUMN
EXISTING SIDEWALK
FPL AERIAL
S-7
MH-4
MH-5
35.00'
40.00'
SET CN
NW 7 STREET
U.G.T.
FD PK/ALU.WASHER
FD PK
S-6
MATCHLINE C-C(SH-6)
CONTINUE SH-8
NW 79 AVENUE
METAL PED POLE
R25.00'
CB # 294
RIM. EL.=6.55'
BOTT. EL.=(-)0.65'
INV. EL.=2.84' (N) C.M. PIPE ø15"
CONC. STRUCTURE= ø42"
REMOVE EXIST. PIPE AND PROP. 45 L.F. OF 15"ø SOLID PIPE
CP-9 (See Sheet # 10)
ST-MH # 293
RIM. EL.=7.17'
BOTT. EL.=(-)6.25'
INV. EL.=(N) 2.07' C.M. PIPE ø15"
INV. EL.=(S) 2.68' C.M. PIPE ø15"
INV. EL.=(E) (-)4.13' C.M. PIPE ø24"
CONC. STRUCTURE= ø72" (DEBRIS)
REMOVE AND REPLACE EXIST. STRUCTURE
CB # 258
RIM EL.=5.90'
BOTT. EL.=(-)1.05'
INV. EL.=2.39' (N) C.M. PIPE ø15"
STRUCTURE= ø42"
SCALE: 1"=30'

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STATE OF FLORIDA
PROFESSIONAL ENGINEER
4-20-2026

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ROADWAY ENGINEERING AND RIGHT OF WAY DIVISION
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111 NW 1 ST
MIAMI, FLORIDA 33128

DRANAGE PLANS

NW 7 STREET FROM
NW 82 AVENUE TO NW 76 AVENUE AND MIDWAY PUMP STATION
TELEMETRY IMPROVEMENTS
DRAINAGE IMPROVEMENT PROJECT
PROJECT NO. 20240279 SHEET 8 OF 19

NOTE:
CONTRACTOR SHALL REMOVE EXISTING SENSORS AND PIPE TO ALLOW FOR THE INSTALLATION OF PROPOSED ITEM 1 AND 2 WHICH WILL BE BRACKET MOUNTED

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SCADA AND TELEMETRY

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NW 7 STREET FROM
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TELEMETRY IMPROVEMENTS
DRAINAGE IMPROVEMENT PROJECT
PROJECT NO. 20240279 SHEET 9 OF 19

SR 826 EXPWY RAMP

SR 826 EXPWY RAMP

NW 76 AVENUE

NW 7 STREET

CONTINUE SH-8

PROJECT LIMIT

N

SCALE: 1"=30'

REMOVE EXIST. SOLAR PANEL AND RTU (TO BE MOUNTED ON THE PROPOSED CONCRETE POLE). INSTALL NEW RTU AS PER DETAIL SH-12 AND 13. INSTALL NEW SOLAR PANEL(SEE NOTE)

PROPOSED 30-FOOT CONCRETE POLE AND ANTENNA AS PER DETAIL ON SH-14. (THIS SITE REQUIRES A RADIO SURVEY TO BE DONE BY THE CONTRACTOR TO DETERMINE THE FINAL HEIGHT OF THE CONCRETE POLE AND AND ANTENNA)

REMOVE AND REPLACE EXISTING SENSOR WITH SENIX TOUGHSONIC30 ULTRASONIC SENSOR AND NECESSARY PARTS

SOLAR PANEL NOTE:
50 W SOLAR ARRAY AND 4 ARM POLE-MOUNTING HARDWARE

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SCADA AND TELEMETRY

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SUMMARY OF QUANTITIES

Item No.	Description	Unit	UNIT
102-74-1	Barricades (temporary - Types I, II, VP and Drum)	E.A./day	7200
102-74-2	Barricades (Temporary, Type III, 6')	E.A./day	1080
102-76A	Advance Warning Arrow Panel	E.A./day	360
102-77	High intensity flashing (Temporary, Type "B")	E.A./day	2160
102-99	Variable message sign (temporary)	E.A./day	40
104-10-3	Sediment Barrier	L.F.	100
104-18	Inlet Protection System	E.A.	11
110-3-03	Pipe Removal (Includes removal, disposal and restoration when in conflict with installation of new drainage)	L.F.	40
110-3-1	Removal of structure (Inlet or Manhole) (Includes removal & disposal of structure, and plugging of abandoned pipe with concrete) (this item to be used when in conflict with new structure)	E.A.	1
327-70-01	Milling, 1" Average Depth	S.Y.	1410
331-72-10A-HMA	Roadway Pavement Restoration (Replace and match existing base thickness and asphalt course with 8" minimum, primed Limerock Base and 1" thick of HMA, Asphalt Work Category 3)	S.Y	1220
334-2-13-1	Hot Mix Asphalt, Traffic C, SP-9.5	Ton	190
400-1-15	Class I Concrete [(Miscellaneous) (Trench build-up, collars, pipe plugs, structure plugs etc.) (This item is contingent upon field conditions and may increased decreased or eliminated by the Engineer)]	C.Y.	5
425-1-35	Curb Inlet Type P-5 (Any dimension) (Max. 15' Deep)		1
425-1-36	Curb Inlet Type P-6 (Any dimension) (Max. 15' Deep)	E.A.	6
425-2-72	Manhole Type J-7T (Any dimension) (Max. 15' Deep)	E.A.	5
425-79	Core and Tie to exist. drainage structures. (Any pipe size hole opening) (Including mortar seal) (This item is contingent upon field conditions and may increased decreased or eliminated by the Engineer)	E.A.	5
425-82	Modify Structure-Cut to enlarge opening as needed in order to accommodate pipe due to utility conflict(s), brick and mortar as needed	E.A.	6
430-94-1-1	Desilting Pipe, 0 - 48"	L.F.	300
430-95-2	Desilting Drainage Structure	E.A.	5
430-171-115	Pipe Culvert - 15" Diameter (Round)	L.F.	190
430-171-124	Pipe Culvert - 24" Diameter (Round)	L.F.	125
430-171-136	Pipe Culvert - 36" Diameter (Round)	L.F.	50
443-70-6-3	French Drain (36" diameter pipe, trench depth 15 ft bls)	L.F.	1005
520-1-10	Concrete Curb and Gutter (Type F) (6" Curb, 18" Gutter) (Includes cost of limerock base and subgrade)	L.F.	240
522-1(1)	Concrete Sidewalk (4" thick)(3000 P.S.I.)(Including pedestrian ramps and sidewalk curbs)	S.Y.	55
575-2A	Sodding - St Augustine, or match existing, includes watering and maintenance. Contingent item based on field conditions, may be increased, or decreased by the engineer.	S.Y.	600
685-121	Telemetry System	LS	1
706-1-12	Reflective Pavement Markers (class B, mono or bi-directional , all colors)	E.A.	10
711-11-121	Thermoplastic (White) (Solid) (6")	L.F.	2200
711-11-141	Thermoplastic (White) (Skip) (6")	L.F.	500
711-11-170	Thermoplastic (White) (Arrow)	E.A.	2
711-11-221	Thermoplastic (Yellow) (Solid) (6")	L.F.	400
711-11-241	Thermoplastic (Yellow) (Skip) (6")	L.F.	200

NOTE: Pay item 685-121 includes, but not limited to the installation of RTU upgrades, equipment, and programing into the County SCADA network and other incidental items to have functional SCADA system in accordance with Plans and Specifications.

NW 7 STREET FROM
NW 82 AVENUE TO NW 76 AVENUE AND MIDWAY PUMP STATION
TELEMETRY IMPROVEMENTS
DRAINAGE IMPROVEMENT PROJECT
PROJECT NO. 20240279 SHEET 10 OF 19

PROPOSED DRAINAGE STRUCTURE SCHEDULE

Structure	Station	Type of Structure	Inside Dimension	Rim Elevation	Bottom Elevation	Pipe Invert Elevation N	S	E	W	Remarks
S-1	10+67 (28.0' RT)	P-5	42"x42"	5.80	-0.20			1.80	1.96 (exist.)	Remove and Replace Existing Structure
S-2	11+50 (28.0' RT)	P-6	42"x42"	6.15	-0.20	2.15			1.80	Remove and Replace Existing Structure
MH-1	11+50 (18.45' LT)	J-7T	60"φ	6.40	-1.75	3.00	2.15	0.25	1.05 (exist.)	Remove and Replace Existing Structure
E-1	11+50 (28+00' LT	Existing Batch Basin	Core & Tie to the South Wall of the Structure				3.00			Existing catch basin to remain
MH-2	13+00 (19.5' LT)	J-7T	60"φ	6.25	-1.75	2.70	2.90	0.25	0.25	Remove and Replace Existing Structure
S-3	13+00 (28.0' RT)	P-6	42"x42"	6.15	0.90	2.90				Remove and Replace Existing Structure
S-4	13+00 (28.0' RT)	P-6	42"x42"	5.95	0.70		2.70			Remove and Replace Existing Structure
MH-3	16+00 (18.0' LT)	J-7T	60"φ	7.00	-1.75	3.00 (NW)	3.30	0.25	0.25	Remove and Replace Existing Structure
S-5	15+96 (28.0' RT)	P-6	42"x42"	6.55	1.30	3.30				Remove and Replace Existing Structure
E-2	15+96 (26.0' LT)	Existing Batch Basin	Core & Tie to the South Wall of the Structure				3.00 (SE)			Existing catch basin to remain
MH-4	19+65 (15.0' LT)	J-7T	60"φ	6.30	-1.75	2.50 (NW)	2.40	0.30	0.25	Remove and Replace Existing Structure
S-6	19+65 (28.0' RT)	P-6	42"x42"	5.90	0.40	2.40				Remove and Replace Existing Structure
S-7	19+60 (28.0' LT)	P-6	42"x42"	5.95	0.50		2.50 (SE)			Remove and Replace Existing Structure
MH-5	22+00 (16.0' LT)	J-7T	60"φ	6.80	-1.70	2.62 (NW) (exist.)	2.43 (exist.)	0.45 (exist.)	0.30	Remove and Replace Existing Structure

CONFLICT TABLE

Conflict Point	Drainage Invert Elevation	Drainage Pipe Dia.	Water Top of Pipe	Water Pipe Dia.	FPL Top of Pipe	FPL Pipe Dia.
CP-1	+2.15	24"			+1.15 (A)	6"
CP-2	+3.00	15"	+2.40	16"		
CP-3	+0.25	36"			+4.00 (A)	6"
CP-4	+2.90	15"			+0.00 (A)	6"
CP-5	+2.70	15"	+2.20	16"		
CP-6	+0.25	36"			+4.00 (A)	6"
CP-7	+3.30	15"			+2.20 (A)	6"
CP-8	+3.00	15"	+2.50	16"		
CP-9	+2.40	15"			+2.00 (A)	6"
CP-10	+2.50	15"	+2.00	16"		

Elevations of pipes were not provided by the Utility Company, therefore, standard cover was assumed.
Assumed top and pipe diameter are followed by an "A".
Elevations on table are in NGVD.

DARYL K. HILDOER
LICENSE
No. 68633
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
4-20-2026

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REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

NW 7 STREET FROM
NW 82 AVENUE TO NW 76 AVENUE AND
MIDWAY PUMP STATION TELEMETRY
IMPROVEMENTS
DRAINAGE IMPROVEMENT PROJECT

	NAME	DATE		NAME	DATE
DESIGNED BY	F.R.	6-15-25	DRAWN BY	H.S.	6-15-25
CHECKED BY	F.G.	6-15-25	CHECKED BY	F.R.	6-15-25

SUPERVISED BY:

MIAMI-DADE COUNTY

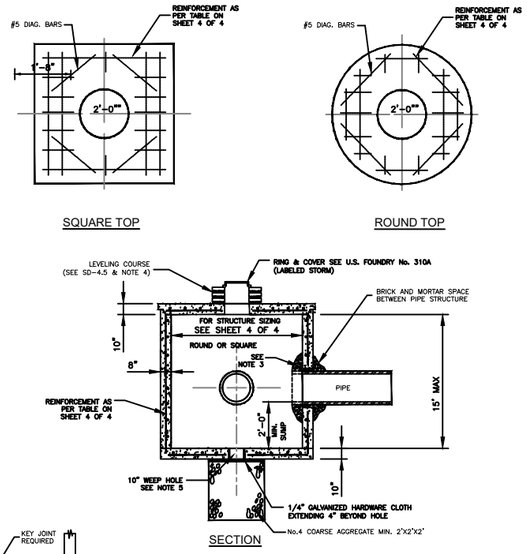
DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
ROADWAY ENGINEERING AND RIGHT OF WAY DIVISION
STEPHEN P. CLARK CENTER
111 NW 1 ST
MIAMI, FLORIDA 33128

PROPOSED DRAINAGE STRUCTURE TABLE, CONFLICT TABLE AND SUMMARY OF QUANTITIES

C:\Users\e139108\AppData\Local\Temp\AcPublish_20520\SH-10 SUMMARY OF QUATITIES.dwg Jun 13, 2025 - 3:36pm E139108

NW 7 STREET FROM
NW 82 AVENUE TO NW 76 AVENUE AND MIDWAY PUMP STATION
TELEMETRY IMPROVEMENTS
DRAINAGE IMPROVEMENT PROJECT
PROJECT NO. 20240279 SHEET 11 OF 19

J-7T



NOTES:

1.– CAST TOP SLAB TO FIT WALL USED.
2.– USE 4,000 psi CONCRETE. (MINIMUM), MAXIMUM W/C=0.53, GRADE 60 STEEL FOR REBAR AND GRADE 65 FOR WWF.
3.– PIPES MAY EXTEND INTO CATCH BASIN A MAXIMUM OF 4".
4.– APPLY A SMOOTH LINE OF MORTAR 1/2" THICK INSIDE AND OUTSIDE.
5.– WEEP HOLES ARE TO BE USED WHEN THE YEARLY LOWEST WATER ELEVATION IS ABOVE THE TOP OF THE BOTTOM SLAB OF THE STRUCTURE.

MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION	APPROVED 5/8/2018	REVISED 5/8/2018 9/16/2013 9/26/2012 8/3/2011	STANDARD STORM DRAINAGE DETAIL MANHOLE AND INLET (TYPE J)	SD 2.6 SHEET 1 OF 4

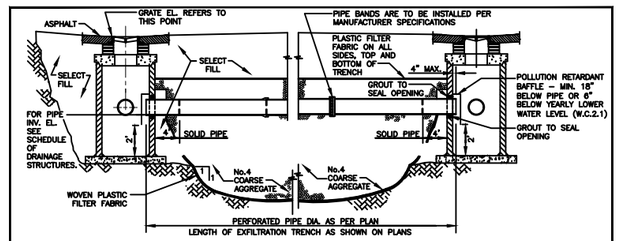
SQUARE STRUCTURE

Standard Detail	Width (ft) Min.	Length (ft) Max.	Height (ft)	Wall Thickness (in)	Wall Steel	Top Slab Thickness (in)	Top Slab Steel	Bottom Slab Thickness (in)	Bottom Slab Steel
2.6	8	8	0.0 - 5.0	8	#4@7"H #4@10"V	10	#6@5" E.W.	10	#5@8.5" E.W.
2.6	8	8	5.1 - 10.0	8	#6@7.5"H #4@10"V	10	#6@5" E.W.	10	#5@8.5" E.W.
2.6	8	8	10.1 - 15.0	8	#7@7"H #4@10"V	10	#6@5" E.W.	10	#5@8.5" E.W.

ROUND STRUCTURE

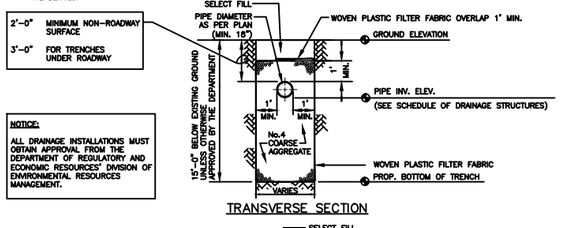
Standard Detail	Dia. (ft) Min.	Dia. (ft) Max.	Height (ft)	Wall Thickness (in)	Wall Steel	Top Slab Thickness (in)	Top Slab Steel	Bottom Slab Thickness (in)	Bottom Slab Steel
2.6	5	7	0.0 - 5.0	8	8 x 8 W20 or #4@10"E.W	10	#6@5" E.W.	10	#5@8.5" E.W.
2.6	5	7	5.1 - 10.0	8	8 x 8 W20 or #4@10"E.W	10	#6@5" E.W.	10	#5@8.5" E.W.
2.6	5	7	10.1 - 15.0	8	8 x 8 W20 or #4@10"E.W	10	#6@5" E.W.	10	#5@8.5" E.W.

MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS	APPROVED 5/8/2018	REVISED 5/8/2018 11/26/2012 8/3/2011	STANDARD STORM DRAINAGE DETAIL MANHOLE AND INLET (TYPE J)	SD 2.6 SHEET 4 OF 4



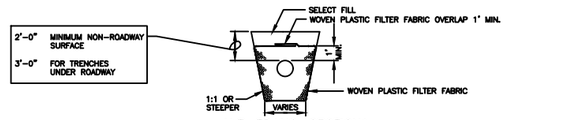
NOTE

1–AFTER THE COARSE AGGREGATE HAS BEEN PLACED TO THE PROPER ELEVATION IT SHALL BE CAREFULLY WASHED DOWN WITH CLEAN WATER, OR TAMPERED, TO ALLOW FOR INITIAL SETTLEMENT THAT MAY OCCUR. IF SETTLEMENT DOES TAKE PLACE, ADDITIONAL No.4 COARSE AGGREGATE SHALL BE ADDED TO RESTORE THE PROPER ELEVATION SO THAT THE EXFILTRATION TRENCH IS COMPLETED IN ACCORDANCE WITH THE DETAILS.



NOTICE:

ALL DRAINAGE INSTALLATIONS MUST OBTAIN APPROVAL FROM THE DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES' DIVISION OF ENVIRONMENTAL RESOURCES MANAGEMENT.



* MAY BE USED IN AREAS WHERE TRENCH WALLS WILL NOT STAND VERTICAL, OR WHERE CAVE–IN BELOW THE WATER TABLE IS LIKELY TO OCCUR. TO BE USED AT THE ENGINEER'S DISCRETION.

NOTES (CONTINUED ON NEXT PAGE)

1. PLASTIC FILTER FABRIC SHALL BE WOVEN MONOFILAMENT POLYPROPYLENE GEOTEXTILE. PERMITTIVITY SHALL BE GREATER THAN 0.50 SEC AND FLOW RATE GREATER OR EQUAL TO 50 gal/min.
2. MAXIMUM EXFILTRATION RATE WHICH CAN BE USED IN CALCULATING FRENCH DRAIN LENGTH IS 0.1 cfs/lf.

MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS	APPROVED 09/16/2019	REVISED 09/26/2012 10/19/2012 09/16/2019	STANDARD STORM DRAINAGE DETAIL EXFILTRATION TRENCH (FRENCH DRAIN)	SD 1.1 SHEET 1 OF 2

NOTES CONTINUED

3. THE MINIMUM PIPE DIAMETER FOR DRAINAGE SYSTEM WITHIN THE ROADWAY RIGHT–OF–WAY SHALL BE 18 INCHES. 15 INCH PIPE MAY BE USED IN PRIVATE ROADWAYS.
4. NO TREES TO BE PLANTED WITHIN 5 FEET OF THE EDGE OF THE TRENCH.
5. TYPE "P" S.D. 2.6 STRUCTURE IS RECOMMENDED FOR SMALL DRAINAGE AREAS LESS THAN 0.2 ACRE PER CATCH BASIN.
6. TYPE "J" S.D. 2.6 STRUCTURE IS RECOMMENDED FOR AREAS LARGER THAN 0.2 ACRE.
7. ALL INVERTS OF PERFORATED PIPES TO BE AT MEAN HIGH OCTOBER WATER TABLE W.C. 2.2.
8. PIPES CAN BE ALLOWED BELOW MEAN HIGH OCTOBER WATER TABLE DUE TO UTILITY CONFLICTS OR IN ORDER TO PROVIDE THE REQUIRED MINIMUM COVER.
9. NEOPRENE GASKET REQUIRED FOR BAFFLES ON ALL CONTACT EDGES MOUNTED ON WALL.
10. OIL AND GREASE BAFFLE IS REQUIRED FOR ALL DRAINAGE STRUCTURES PRECEDING AN OUTFALL OR EXFILTRATION TRENCHES, IN PROJECTS LOCATED IN WELLFIELD PROTECTION AREAS, ROAD INTERSECTIONS WITH TRAFFIC LIGHTS, AND LARGE PARKING LOTS WHICH INCLUDE 15 PARKING SPACES OR MORE.
11. OIL AND GREASE BAFFLE MAY BE WAIVED IN SUBURBAN RESIDENTIAL AREAS.

GENERAL NOTES FOR PIPE CULVERTS

CONTRACTOR HAS THE OPTION OF INSTALLING ANY PIPE MEETING THE REQUIREMENTS OF SECTION 443–2 OF THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AS LONG AS THE MANUFACTURER IS LISTED, AT THE TIME OF PIPE INSTALLATION, IN FDOT'S LIST OF PRODUCERS WITH ACCEPTED QUALITY CONTROL PROGRAMS. PIPES WITH LESS THAN A 100–YEAR CERTIFICATION CANNOT BE USED ON SECTION LINE, HALF SECTION LINE, COLLECTOR ROADWAYS, AND ARTERIALS. 50–YEAR PIPE CERTIFICATION REQUIRED FOR ALL OTHER MINOR/LOCAL ROADWAYS.

MINIMUM NUMBER OF PERFORATION IN PIPE CULVERTS

PIPE DIAMETER (inches)	OUTER SHELL	LINER
	No. of ⅜" Dia. Holes (PER LIN. FT. OF PIPE)	No. of ⅝" Dia. Holes (PER LIN. FT. OF PIPE)
15	100	50
18	120	60
24	160	80
30	200	100
36	240	120
42	275	140
48	315	150
54	355	180
60	395	200
72	470	235
84	550	275

NOTE:

PERFORATIONS SHALL BE UNIFORMLY SPACED AROUND THE FULL PERIPHERY OF THE PIPE TO WITHIN 4" OF EACH END OF EACH LENGTH OF PIPE. THE NUMBER OF PERFORATIONS PER LINEAR FOOT OF PIPE AND THE DIAMETER OF THE PERFORATIONS SHALL BE AS SHOWN ON THE ABOVE TABLE.

MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS	APPROVED 04/16/2015	REVISED 06-04-86 10-22-13 05-02-81	STANDARD STORM DRAINAGE DETAIL EXFILTRATION TRENCH (PIPE CULVERT NOTES)	SD 1.1 SHEET 2 OF 2

DARYL K. HILDOER
LICENSE
No. 68633
STATE OF FLORIDA
PROFESSIONAL ENGINEER

4-20-2026

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REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

NW 7 STREET FROM
NW 82 AVENUE TO NW 76 AVENUE AND
MIDWAY PUMP STATION TELEMETRY
IMPROVEMENTS
DRAINAGE IMPROVEMENT PROJECT

	NAME	DATE		NAME	DATE
DESIGNED BY	F.R.	6–15–25	DRAWN BY	H.S.	6–15–25
CHECKED BY	F.G.	6–15–25	CHECKED BY	F.R.	6–15–25

SUPERVISED BY:

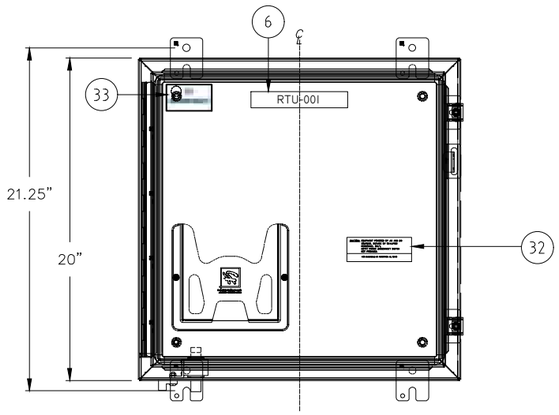
MIAMI–DADE COUNTY

DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
ROADWAY ENGINEERING AND RIGHT OF WAY DIVISION
STEPHEN P. CLARK CENTER
111 NW 1 ST
MIAMI, FLORIDA 33128

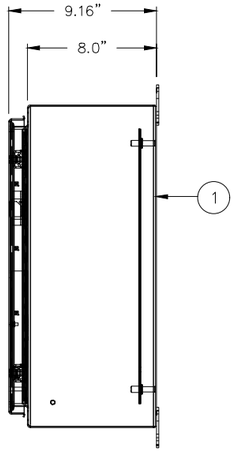
STANDARD DETAILS

S:\Hector\Fernando Ramos\2024\NW 7 ST FROM NW 79 AVE TO NW 82 AVE 20240279\DRAINAGE IMPROVEMENT PROJECT\SH-11 STANDARD DETAILS.dwg Jun 13, 2025 – 3:11pm E139108

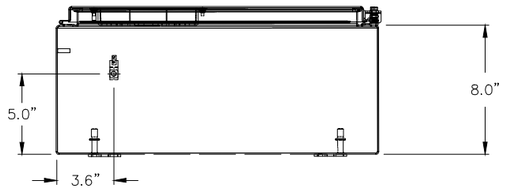
NW 7 STREET FROM
NW 82 AVENUE TO NW 76 AVENUE AND MIDWAY PUMP STATION
TELEMETRY IMPROVEMENTS
DRAINAGE IMPROVEMENT PROJECT
PROJECT NO. 20240279 SHEET 12 OF 19



FRONT VIEW



SIDE VIEW



BOTTOM VIEW

BILL OF MATERIAL

ITEM NO.	TAG NO.	QTY	SYSTEM PART NO.	DESCRIPTION	
1	·	1	REF	ENCLOSURE-304 SS NEMA4X WHITE 24"X 24"X 8"	A24H2408SSLP3PTW
2	·	1	·	Back-Plane 24x24, Anodized, Aluminum	A24P24AL
3	·	1	PG-4	TERMINAL ASSEMBLY, POWER & I/O	19-WAS014812-TA-1
4	·	1	·	.	.
5	·	1	REF	POWER WIRING	19-WAS014812-W-1
6	·	·	REF	NAMEPLATE DETAILS	19-WAS014812-N-1
7	·	1	Seg-10-FB3400	FB3000 4 Slot Chassis and One Power Block	.
8	·	1	Seg-40-CPU01	FB3000 3CPU16 with Base Personality Module (3CPUSG)	.
9		1	Seg-50-MI012	FB3000 12 ch Mixed IO (8AIDIPI+2AO+2DO) & PM	.
10		·	·	.	
11		·	·	.	
12		·	·	.	.
13		·	·	.	.
14		1	396115-01-2	ANTENNA SURGE ARRESTER	POLYPHASER ISB50LN-C2
15		1	PG-5 COAX	CABLE, COAX, RADIO TO POLYPHASER, TNC TO N	CA-1561
16		1	PG-5 RS232	CABLE RADIO RS-232 TO FB3000	CA-2863
17		·	·	.	.
18		1		BRACKET, RADIO MOUNTING	03-4125A04
19	·	1		MDS INET 900 RADIO (CUSTOMER PROVIDED)	GE-MDS SD9
20	·	1	·	AGM VRLA BATTERY, 12V, 42 AH	PG-12V45-FR
21	·	·	·	.	.
22	·	1	PG-3	GROUND BAR ASSEMBLY	SYS GBA-STD01
23		1	·	ELECTRICAL GROUND LABEL, 3/4" DIA.	SETON 59443
24	·	A/R	·	WIRE ASSEMBLY, FB3000 TO GROUND, LG AS NEEDED.	SYS WA-163
25	·	A/R	·	WIRE ASSEMBLY, 4-SLOT TO GROUND, LG AS NEEDED.	SYS WA-143
26		1		WIREWAY, 1"x 3"x 36"LG	IBOCO T1-1030G
27		A/R	SYS-05001	RIVET, WIREWAY	IBOCO DUCTFIX R6
28	·	A/R	SYS-06063	SCREW, SEMS #10-32 x 3/8"LG, SS	.
29	·	A/R	SYS-06057	FLAT WASHER #10 SS	.
30	·	A/R	SYS-06041	SCREW, #8-32 x 3/8"LG, SS	.
31	·	1	PG-7	LABEL, ENCLOSURE IDENTIFICATION	SYS CUSTOM_LBL1
32	·	1	PANEL-SHOP	UL LABEL KIT	.
33	·	1	EMERSON	LOGO PLATE, EMERSON	SYS LOGOPLATE_LBL_3
34	.	·	·	.	.
35	·	A/R	SYS-06064	SCREW, SEMS #10-32 x 1/2" LG	.
36	·	·	·	.	.
37		1	SYS-05003	DIN RAIL, 5.50"LG	IBOCO OMEGA 3F
38		2	SYS-03101	END CLAMP, CLIPFIX 35	PHOENIX 3022218

BILL OF MATERIAL (SOLAR PANEL KIT)

ITEM NO.	TAG NO.	QTY	PART NO.	DESCRIPTION
41	.	1	50j	AMERESCO 50W 12V MONOCRYSTALINE SOLAR PANEL
42	.	1	1X-SPM	AMERESCO SOLAR PANEL MOUNT
43		.	.	.
44		1	SS-6L-12V	SUNSAVER 12V SOLAR CONTROLLER 6A & LVD
45			.	.
46			.	.

DWG PACKAGE
SHEET 1 OF 7

PROPRIETARY DATA

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EMERSON. Automation Solutions

Power and Water Solutions
200 Beta Drive Pittsburgh Pa 15238
877-826-8514

1100 Buckingham St., Watertown, CT. 06795
860-945-2200

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

TOLERANCES:
.0 = ±.015
.00 = ±.01
.000=±.005
( ) = REF
ANGLES= ±1°

REV.	DESCRIPTION	DATE	BY	PE	APV'D
IFA	D FB3K RTU LICENSED RF	01/30/25	RJ	RJ	CC
IFA	A FOR APPROVAL	11/13/19	PC	DP	PA

PROJECT NO. PWS:

TITLE: RTU PANEL ASSEMBLY
RTU-001

CUSTOMER: MD-DTPW
CANAL-LEVEL SOLAR SYSTEM RTU

DRN. BY	DATE	PROJ. ENG.	CAD P/N	SCALE
R.JACOMINO	01/30/25	R.JACOMINO	WAS014812A011	1/4
DWG. NO. 01-WAS014812-A-1		APV'D. BY C.COLE	CAD SHT. 1 OF 1	REV. D

ACADR2000

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

NW 7 STREET FROM
NW 82 AVENUE TO NW 76 AVENUE AND
MIDWAY PUMP STATION TELEMETRY IMPROVEMENTS
DRAINAGE IMPROVEMENT PROJECT

	NAME	DATE		NAME	DATE
DESIGNED BY	F.R.	6-15-25	DRAWN BY	H.S.	6-15-25
CHECKED BY	F.G.	6-15-25	CHECKED BY	F.R.	6-15-25

SUPERVISED BY:

MIAMI-DADE COUNTY

DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
ROADWAY ENGINEERING AND RIGHT OF WAY DIVISION
STEPHEN P. CLARK CENTER
111 NW 1 ST.
MIAMI, FLORIDA 33128

RTU PANEL ASSEMBLY

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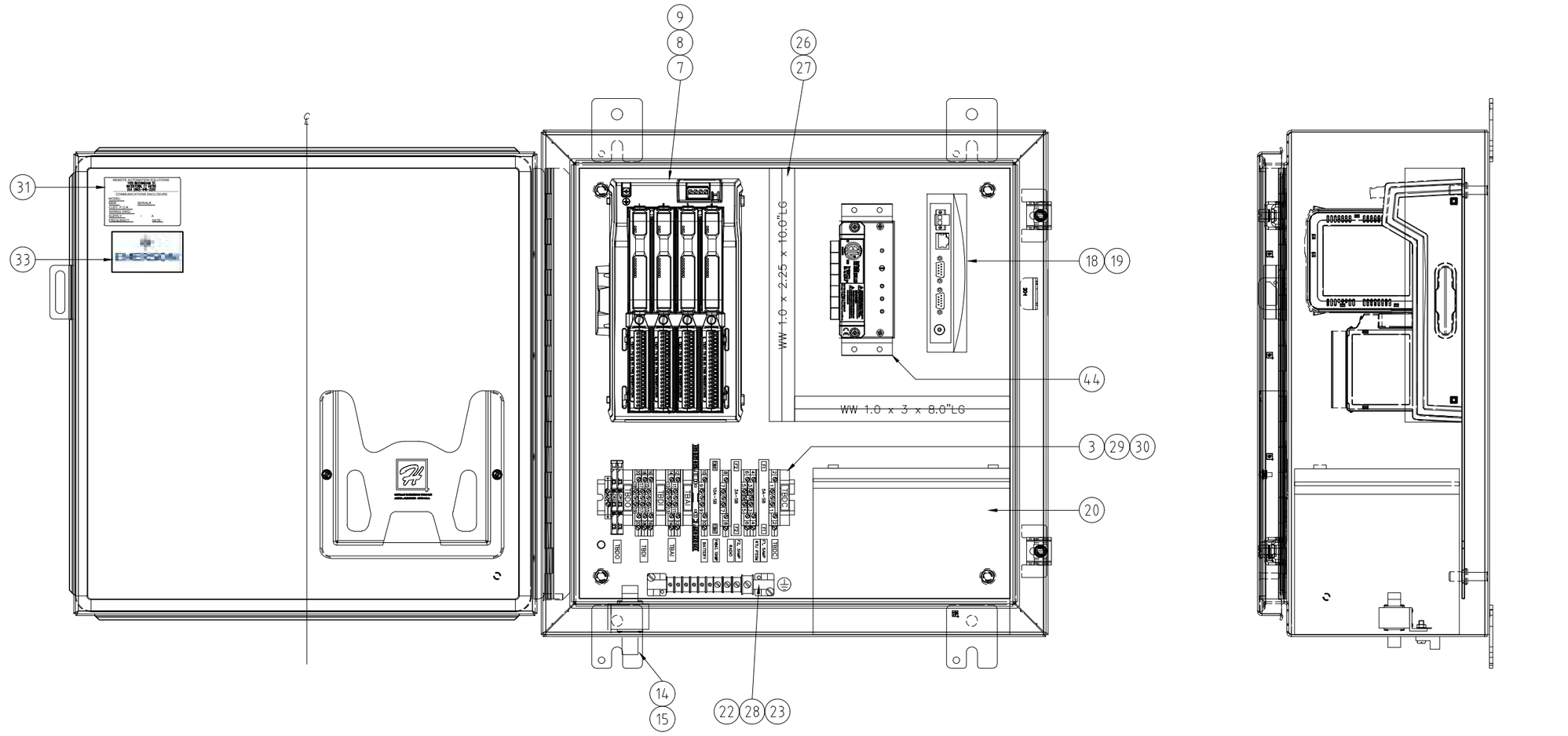
NW 7 STREET FROM
NW 82 AVENUE TO NW 76 AVENUE AND MIDWAY PUMP STATION
TELEMETRY IMPROVEMENTS
DRAINAGE IMPROVEMENT PROJECT
PROJECT NO. 20240279 SHEET 13 OF 19



FRONT VIEW

SIDE VIEW

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REV.	DESCRIPTION	DATE	BY	PE	APV'D
IFA	FOR APPROVAL	2/13/25	RJ	RJ	CC
A					

DWG PACKAGE SHEET 2 OF 7

PROJECT NO. PWS:

TITLE: RTU PANEL ASSEMBLY
RTU-01

CUSTOMER: MD-DTPW
CANAL-LEVEL SOLAR SYSTEM RTU

DRN. BY	DATE	PROJ. ENG.	CAD P/N	SCALE
R.JACOMINO	11/13/25	R.JACOMINO	WAS014812A012	1/2

DWG. NO.	APV'D. BY	CAD SHT.	REV.
02-WAS014812-A-12	C.COLE	1 OF 1	D

ACADR2000

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

NW 7 STREET FROM
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SUPERVISED BY:

MIAMI-DADE COUNTY

DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
ROADWAY ENGINEERING AND RIGHT OF WAY DIVISION
STEPHEN P. CLARK CENTER
111 NW 1 ST
MIAMI, FLORIDA 33128

RTU PANEL ASSEMBLY

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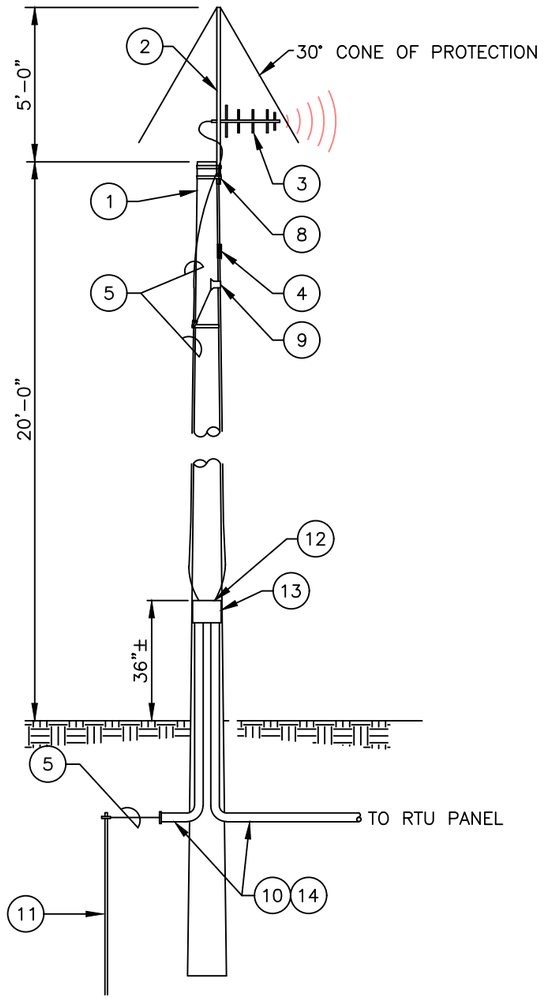
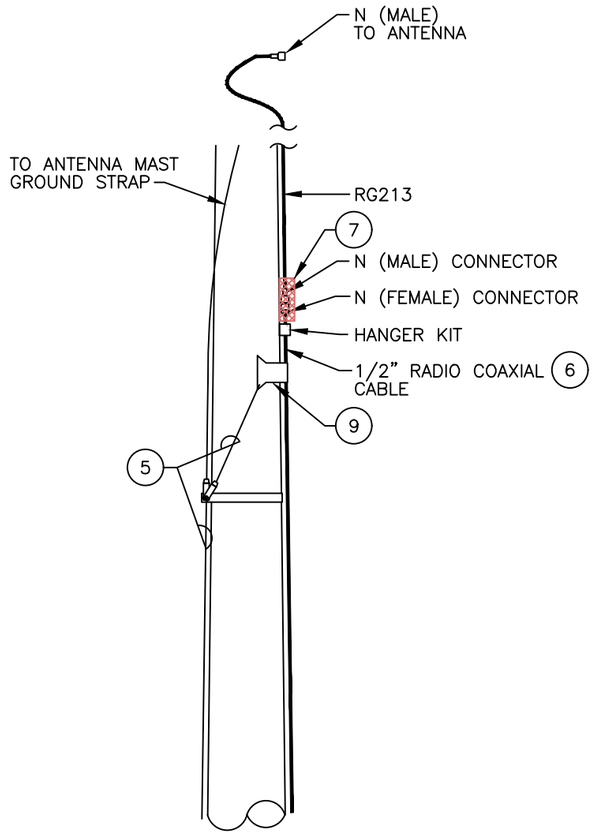
NW 7 STREET FROM
NW 82 AVENUE TO NW 76 AVENUE AND MIDWAY PUMP STATION
TELEMETRY IMPROVEMENTS
DRAINAGE IMPROVEMENT PROJECT
PROJECT NO. 20240279 SHEET 14 OF 19



CONCRETE POLE DETAIL

SCALE: NONE



ANTENNA LINK CONNECTION DETAIL

SCALE: NONE

KEYED NOTES:

1 PRECAST CONCRETE POLE FOR ANTENNA MOUNTING.

2 2" SCHEDULE 80 ALUMINUM PIPE AND MOUNTING BRACKET FOR ANTENNA MOUNTING MAST.

3 YAGI ANTENNA MOUNTED AT MINIMUM 25 FEET ABOVE GROUND.

4 GROUNDING STRAP / CONNECTOR FOR MAST.

5 COPPER GROUNDING CABLE, #4 XHHW.

6 ANTENNA CABLE AS SPECIFIED. SECURE TO MAST AT INTERVALS PER MANUFACTURER'S RECOMMENDATIONS.

7 PROVIDE COLD SHRINK COVER OVER THE CONNECTORS.

8 SEE ANTENNA LINK CONNECTION DETAIL FOR CONNECTING ANTENNA WHIP CABLE TO MAIN COAX CABLE.

9 PROVIDE COAX GROUNDING ON CABLE, MINIMUM 2 PLACES BEFORE IT ENTERS THE CONDUIT.

10 PVC CONDUIT AS SPECIFIED TO RTU PANEL.

11 GROUNDING ROD AS SPECIFIED. CONNECTIONS SHALL BE EXOTHERMIC WELDED UNLESS NOTED OTHERWISE.

12 USE CABLE GLAND TO PROTECT CABLE LEAVING CONDUIT AND PREVENT WATER AND DEBRIS FROM ENTERING.

13 NEMA 4X STAINLESS STEEL PULL BOX, NOMINAL 8"x8"x6".

14 ROUTE 1 #4 XHHW CABLE WITH ANTENNA CABLE BACK TO MAIN RTU CABINET FOR BONDING TO MAIN STATION GROUND SYSTEM.

FOUNDATION NOTES:

1 IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO DESIGN, FURNISH AND INSTALL POLES AND FOUNDATION OF SUFFICIENT DESIGN TO SUPPORT THE ANTENNA EQUIPMENT BASED ON ACCEPTED DESIGN FACTORS FOR THE STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINARIES, AND TRAFFIC SIGNALS, AASHTO, WIND LOAD DESIGN SHALL BE 145 MPH WIND 1.14 GUSTS.

2 THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND DESIGN CALCULATIONS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF FLORIDA FOR PRECAST CONCRETE POLE AND POLE FOUNDATION.

3 POLES SHALL BE SET 7 FEET (MIN.) FROM PROPERTY LINE.

DARYL K. HILDOER
LICENSE
No. 68633
STATE OF FLORIDA
PROFESSIONAL ENGINEER
4-20-2026

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REVISIONS								
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

NW 7 STREET FROM
NW 82 AVENUE TO NW 76 AVENUE AND
MIDWAY PUMP STATION TELEMETRY
IMPROVEMENTS
DRAINAGE IMPROVEMENT PROJECT

	NAME	DATE		NAME	DATE
DESIGNED BY	F.R.	6-15-25	DRAWN BY	H.S.	6-15-25
CHECKED BY	F.G.	6-15-25	CHECKED BY	F.R.	6-15-25

SUPERVISED BY:

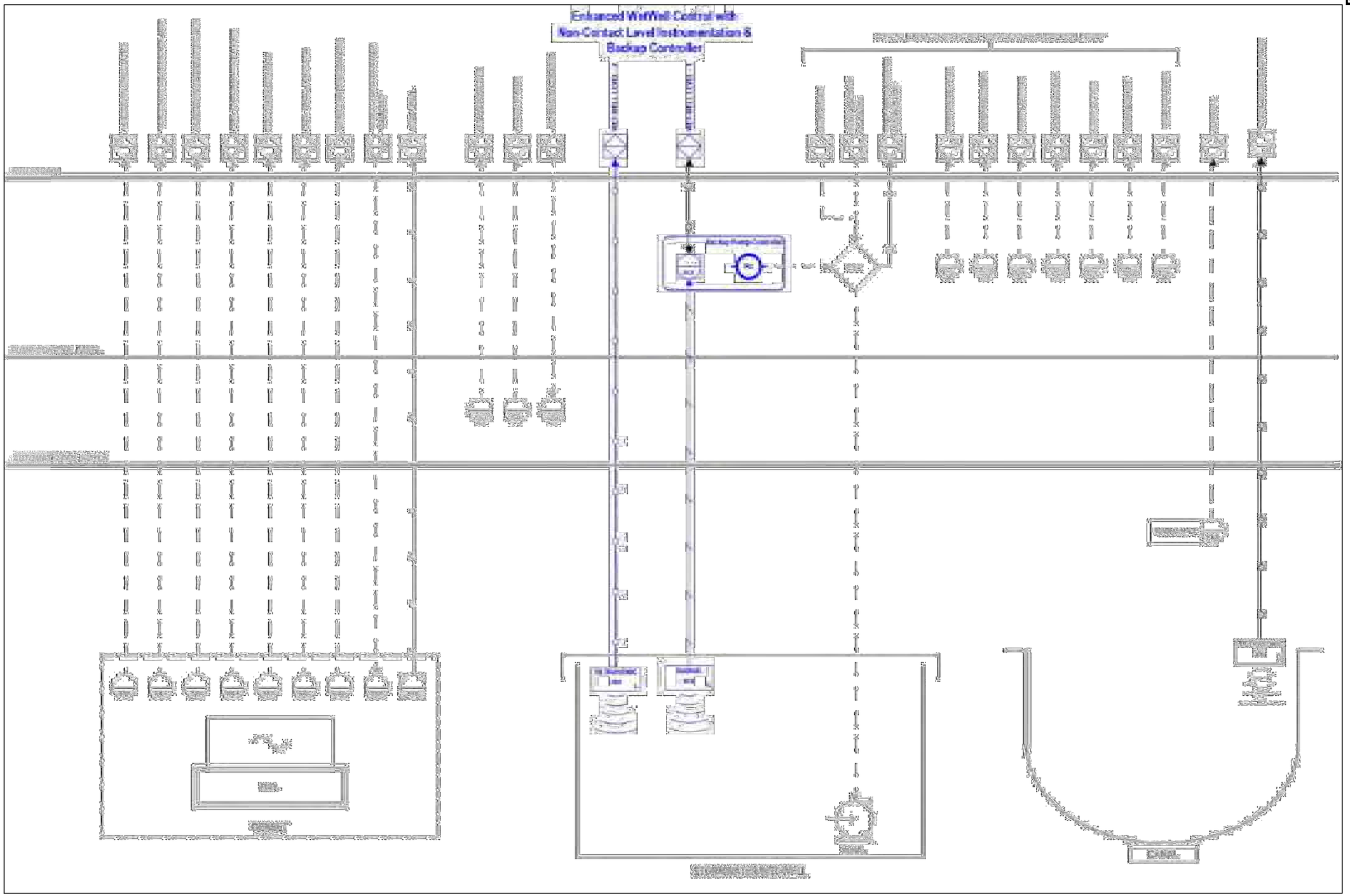
MIAMI-DADE COUNTY

DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
ROADWAY ENGINEERING AND RIGHT OF WAY DIVISION
STEPHEN P. CLARK CENTER
111 NW 1 ST.
MIAMI, FLORIDA 33128

CONCRETE ANTENNA POLE DETAIL

S:\Hector\Fernando Ramos\2024\NW 7 ST FROM NW 79 AVE TO NW 82 AVE 20240279\DRAINAGE IMPROVEMENT PROJECT\SH-14 CONCRETE ANTENNA POLE DETAILS.dwg Jun 13, 2025 - 3:52pm E139108

NW 7 STREET FROM
NW 82 AVENUE TO NW 76 AVENUE AND MIDWAY PUMP STATION
TELEMETRY IMPROVEMENTS
DRAINAGE IMPROVEMENT PROJECT
PROJECT NO. 20240279 SHEET 15 OF 19



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C:\Users\e139108\AppData\Local\Temp\AcPublish_20520\SH-15 STORMWATER WETWELL.dwg Jun 13, 2025 - 3:49pm E139108

REVISIONS								
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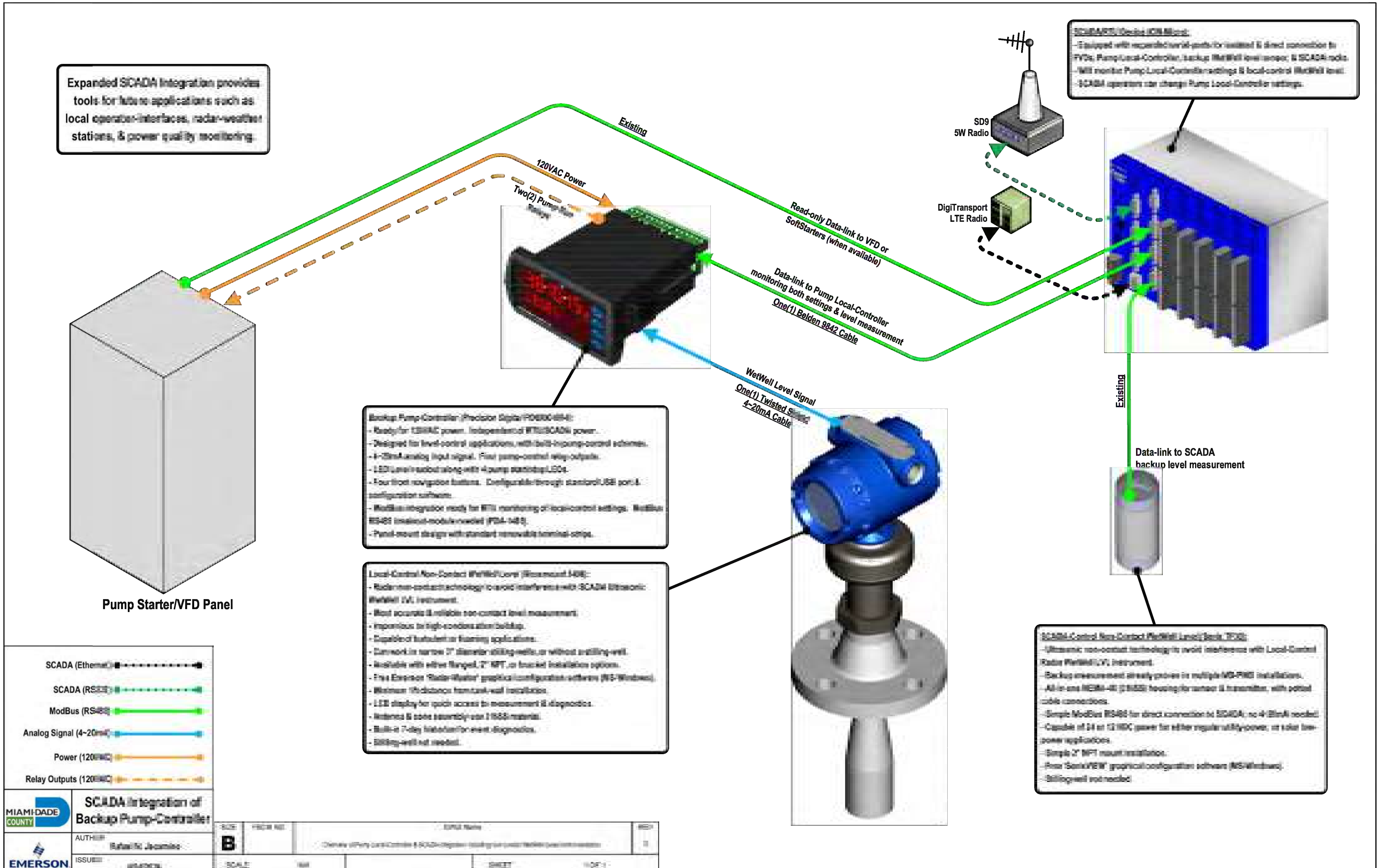
DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
ROADWAY ENGINEERING AND RIGHT OF WAY DIVISION
STEPHEN P. CLARK CENTER
111 NW 1 ST
MIAMI, FLORIDA 33128

SCADA DIAGRAM



REVISIONS

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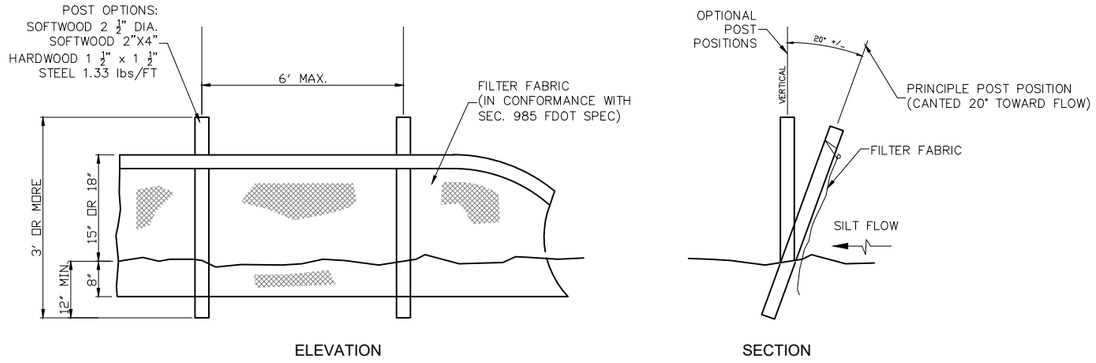
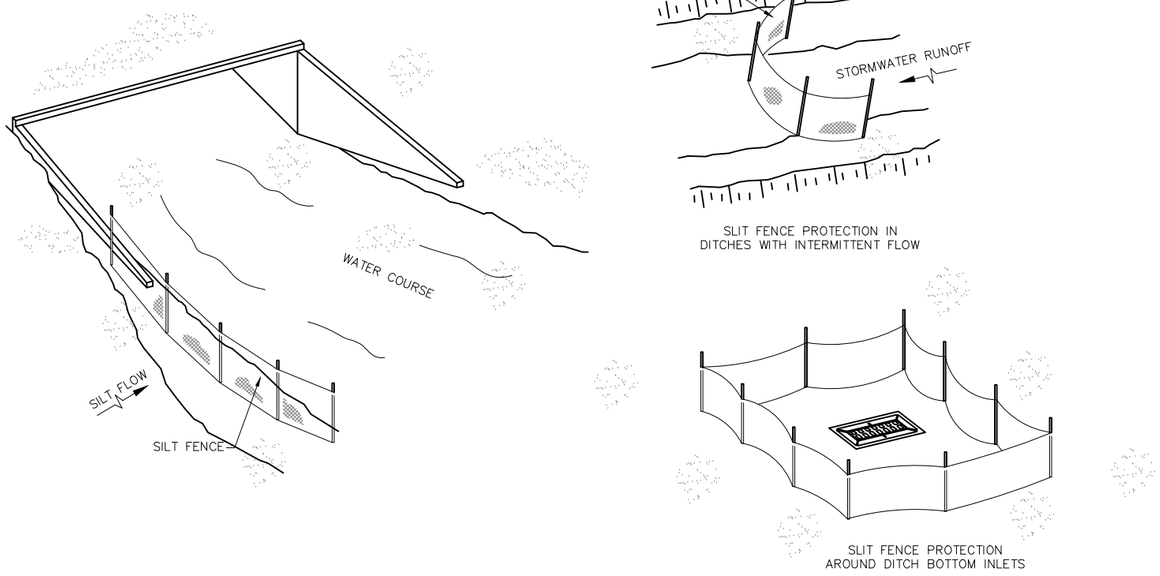
DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
ROADWAY ENGINEERING AND RIGHT OF WAY DIVISION

SCADA INTEGRATION OF BACKUP PUMP-CONTROLLER

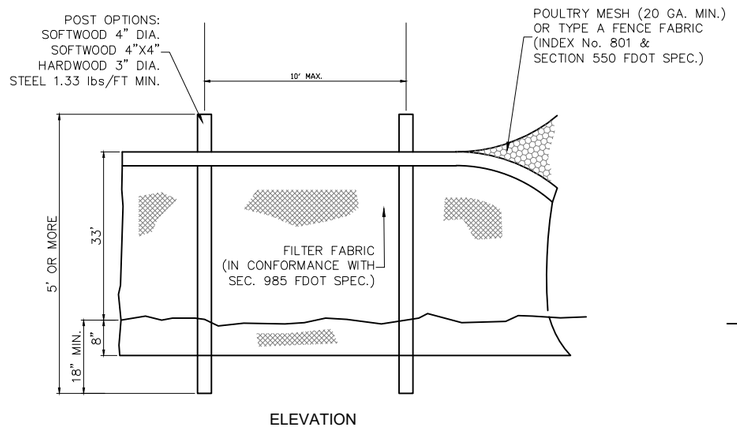


ELEVATION SECTION

TYPE III SILT FENCE (TYP.)

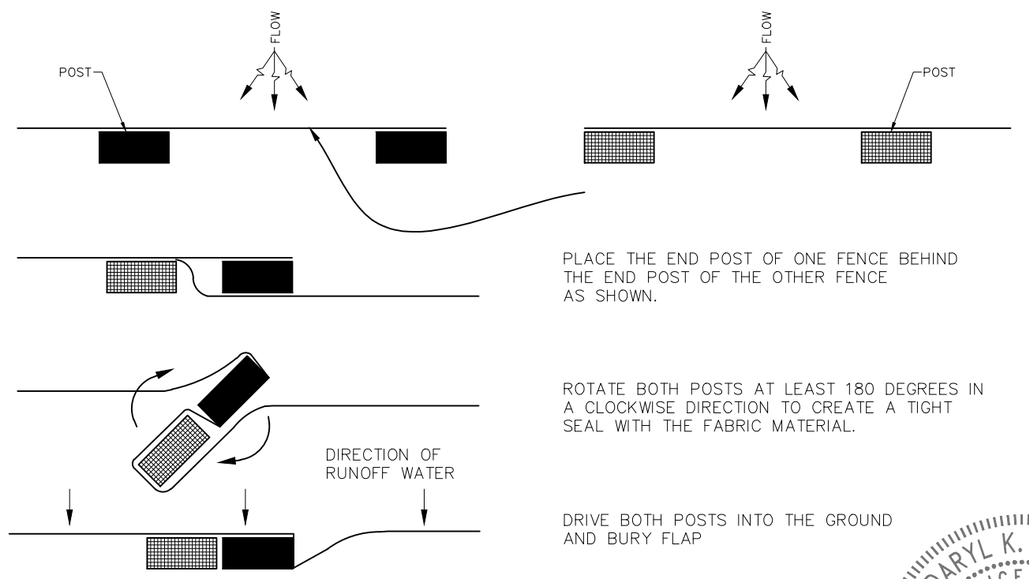


SILT FENCE APPLICATIONS (TYP.)



ELEVATION SECTION

TYPE IV SILT FENCE (TYP.)



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

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

DRIVE BOTH POSTS INTO THE GROUND AND BURY FLAP

PLANT VIEW

JOINING TWO SILT FENCES (TYP.)

NOTES FOR SILT FENCES:

1– TYPE III SILT FENCE TO BE USED AT MOST LOCATIONS. WHERE USED IN DITCHES, THE SPACING FOR TYPE III SILT FENCE SHALL BE IN ACCORDANCE WITH CHART 1, SHEET 1 OF 2010 FDOT DESIGN STANDARDS INDEX 102.

2– TYPE IV SILT FENCE TO BE USED WHERE LARGE SEDIMENT LOADS ARE ANTICIPATED. SUGGESTED USE IS WHERE FILL SLOPE IS 1:2 OR STEEPER AND LENGTH OF SLOPE EXCEEDS 25 FEET. AVOID USE WHERE THE DETAINED WATER MAY BACK INTO TRAVEL LANES OR OFF THE RIGHT OF WAY.

3– DO NOT CONSTRUCT SILT FENCES ACROSS PERMANENT FLOWING WATERCOURSES. SILT FENCES ARE TO BE AT UPLAND LOCATIONS AND TURBIDITY BARRIERS USED AT PERMANENT BODIES OF WATER.

4– WHERE USED AS SLOPE PROTECTION, SILT FENCE IS TO BE CONSTRUCTED ON 0% LONGITUDINAL GRADE TO AVOID CHANNELIZING RUNOFF ALONG THE LENGTH OF THE FENCE.

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4-20-2026

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SEDIMENT BARRIERS (TYP.) OR APPROVED ALTERNATIVE

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NW 82 AVENUE TO NW 76 AVENUE AND
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IMPROVEMENTS
DRAINAGE IMPROVEMENT PROJECT

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CHECKED BY	F.G.	6-15-25	CHECKED BY	F.R.	6-15-25

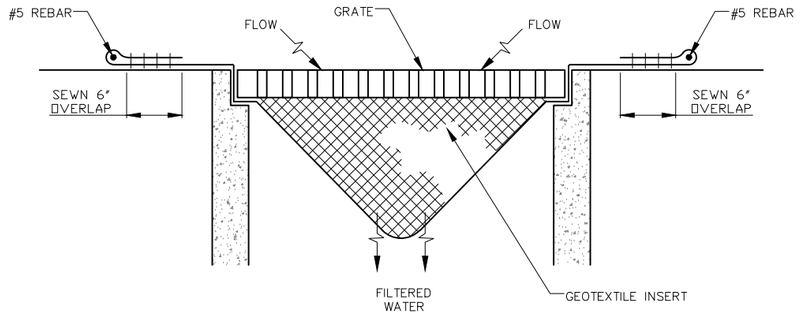
SUPERVISED BY:

MIAMI-DADE COUNTY

DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
ROADWAY ENGINEERING AND RIGHT OF WAY DIVISION
STEPHEN P. CLARK CENTER
111 NW 1 ST
MIAMI, FLORIDA 33128

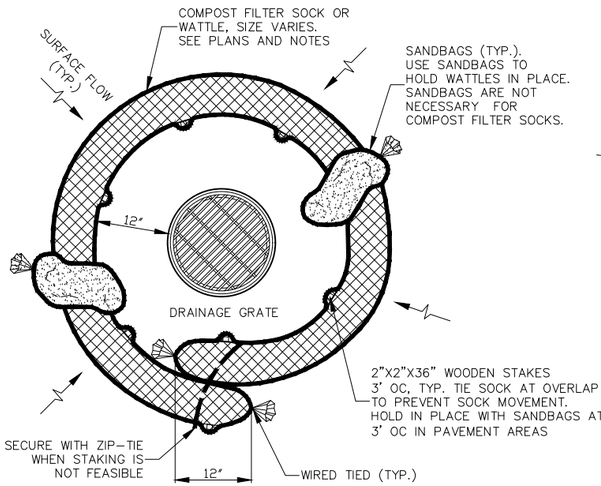
SEDIMENT BARRIERS DETAILS

NW 7 STREET FROM
NW 82 AVENUE TO NW 76 AVENUE AND MIDWAY PUMP STATION
TELEMETRY IMPROVEMENTS
DRAINAGE IMPROVEMENT PROJECT
PROJECT NO. 20240279 SHEET 18 OF 19

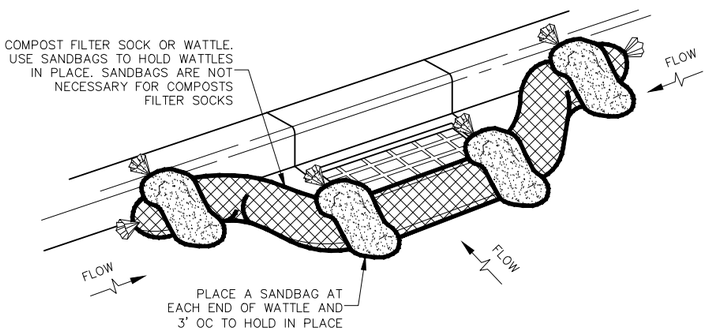


PREFABRICATED FILTER INSERT - TYPE 1

NOT TO SCALE



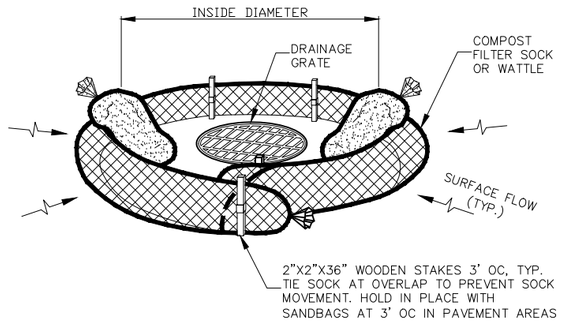
AREA DRAIN PLAN



CURB INLET PERSPECTIVE VIEW

COMPOST FILTER SOCK OR WATTLE - TYPE 2

NOT TO SCALE

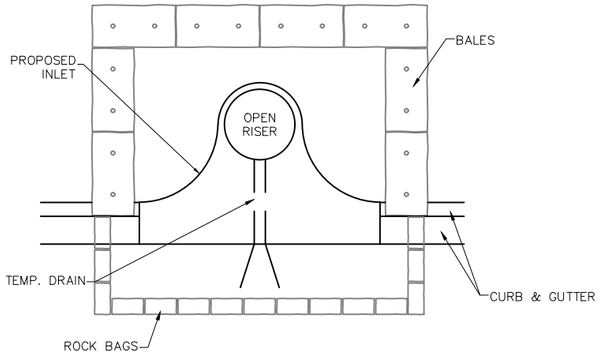


AREA DRAIN PERSPECTIVE VIEW

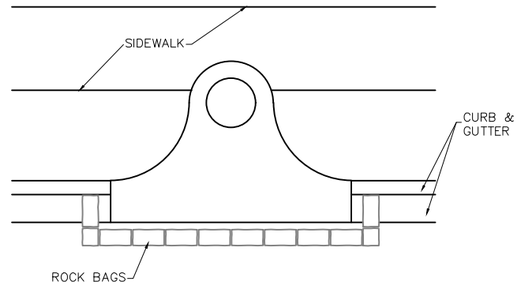
NOTES FOR PREFABRICATED FILTER INSERTS AND FILTER SOCK

TYPE 1 – PREFABRICATED FILTER INSERTS
INSTALL PREFABRICATED FILTER INSERTS ACCORDING TO THE PLANS, SPECIAL PROVISIONS, AND MANUFACTURER RECOMMENDATIONS.
PREFABRICATED INSERTS WITH PROVISIONS FOR OVERFLOW ARE ALLOWED ONLY WHEN ACCOMPANIED BY ADDITIONAL BMP's TO PREVENT THE POTENTIAL OF SEDIMENTS ENTERING PROJECT STORM SYSTEMS.
FIELD FABRICATED INSERTS ARE NOT ALLOWED.

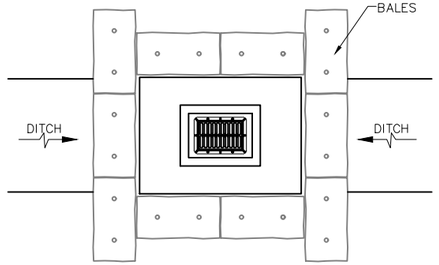
TYPE 2 – COMPOST FILTER SOCK
DRIVE 2"X2" WOOD STAKES A MINIMUM OF 6" INTO GROUND AND FLUSH WITH THE TOP OF THE SOCK.
OVERLAP ENDS OF SOCK PER MANUFACTURERS RECOMMENDATIONS (12" MIN., 36" MAX.).
USE 8" TO 12" DIA SOCK ON CURBSIDE IN TRAFFIC AREAS.
USE 12" TO 18" DIA SOCK IN NON-TRAFFIC AREAS OR AREAS WHERE THE LARGER SOCKS CAN BE USED SAFELY.
USE SYNTHETIC MESH SOCKS FOR TEMPORARY INSTALLATIONS.



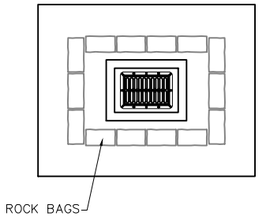
PARTIAL INLET



COMPLETED INLET



DITCH BOTTOM INLET



SWALE INLET

PROTECTION ALONG INLETS WITH ROCK BAGS BALES OR APPROVED ALTERNATIVES

NOTES FOR SYNTHETIC BALES OR BALE TYPE BARRIERS:

1– TYPE I AND II SYNTHETIC BARRIER SHOULD BE SPACED IN ACCORDANCE WITH CHART 1, SHEET 1 OF 2010 FDOT DESIGN STANDARDS INDEX 102.

2– BALES SHALL BE ANCHORED WITH TWO (2) 1"x2" (or 1" dia.) x 4' WOOD STAKES. STAKES OF OTHER MATERIAL OR SHAPE PROVIDING EQUIVALENT STRENGTH MAY BE USED IF APPROVED BY THE ENGINEER. STAKES OTHER THAN WOOD SHALL BE REMOVED UPON COMPLETION OF THE PROJECT.

3– RAILS AND POSTS SHALL BE 2"x4" WOOD. OTHER MATERIALS PROVIDING EQUIVALENT STRENGTH MAYBE USED IF APPROVED BY THE ENGINEER.

4– ADJACENT BALES SHALL BE BUTTED FIRMLY TOGETHER.

5– WHERE USED IN CONJUNCTION WITH SILT FENCE, BALES SHALL BE PLACED ON THE UPSTREAM SIDE OF THE FENCE.

INLET PROTECTION SYSTEM (TYP.) OR APPROVED ALTERNATIVE

DARYL K. HILDOER
LICENSE
No. 68633
STATE OF FLORIDA
PROFESSIONAL ENGINEER
4-20-2026

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REVISIONS								
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

NW 7 STREET FROM
NW 82 AVENUE TO NW 76 AVENUE AND
MIDWAY PUMP STATION TELEMETRY IMPROVEMENTS
DRAINAGE IMPROVEMENT PROJECT

	NAME	DATE		NAME	DATE
DESIGNED BY	F.R.	6-15-25	DRAWN BY	H.S.	6-15-25
CHECKED BY	F.G.	6-15-25	CHECKED BY	F.R.	6-15-25

SUPERVISED BY:

MIAMI-DADE COUNTY

DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
ROADWAY ENGINEERING AND RIGHT OF WAY DIVISION
STEPHEN P. CLARK CENTER
111 NW 1 ST
MIAMI, FLORIDA 33128

INLET PROTECTION SYSTEMS DETAILS

NW 7 STREET FROM
NW 82 AVENUE TO NW 76 AVENUE AND MIDWAY PUMP STATION
TELEMETRY IMPROVEMENTS
DRAINAGE IMPROVEMENT PROJECT
PROJECT NO. 20240279 SHEET 19 OF 19

STORMWATER POLLUTION PREVENTION PLAN

Narrative Description

The Stormwater Pollution Prevention Plan (SWPPP) Narrative Description contains references to the Contract Documents, the State of Florida Erosion and Sediment Control Designer and Reviewer Manual (E&SC Manual), the FDOT Design Standards, and other sheets of these Construction Plans. The complete SWPPP is comprised of several items including: this narrative description, the documents referenced in this narrative, the Contractor's approved Erosion Control (ECP) prepared and submitted in accordance with the Contract Documents, and reports of inspections made during construction. All of which are complementary to the signed and certified SWPPP if one is provided by the Department. Contractor is required to maintain copies of the aforementioned items on site, including all applicable permits.

1. Site Description

a. Nature of Construction Activities: The project consists of retrofitting of drainage infrastructure in a residential roadway.

b. Sequence of Major Soil Disturbing Activities: The Contractor shall provide in the ECP a detailed sequence of construction for all construction activities. Each construction phase requires the installation of perimeter control, after clearing and grubbing as necessary for the installation of the controls, prior to beginning any 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 erosion and trapping sediment and is approved by the Engineer.

1) Clearing and grubbing, earthwork, drainage improvements construction.
2) Final grading and landscaping where necessary.

c.Area Estimates (Acre)

1) Total Site Area: 3.44 Ac.
2) Total Area of the site that is expected to be disturbed: 0.97 Ac.

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: 0.78
b) During: 0.57
c) After construction: 0.78

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 soil encountered on the project are of urban land Udorthents Association soil, which are categorized as moderately well drained.

3) The size of the drainage area for each outfall: N/A . This project has no outfall.

4) The location of each outfall is provided in item 1.f. below: N/A . This project has no outfall.

e. Site Map: The associated construction plan sheets will be used as the site map. Locations of the required information are described below.The sheet numbers for all items discussed are 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 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 comprised of those that are not subject to any soil disturbing activities.

4) The location of major structural and nonstructural controls identified in the plan:Temporary sediment control devices shall be installed all locations where disturbance of solids will occur. Additional measures may be required as necessary where stormwater runoff has the potential to reach surface waters or offsite stormwater collection facilities.

5) The location of areas where stabilization practices are expected to occur, surface waters, wetlands and locations where stormwater is discharged to a surface water or MS4: Areas of permanent stabilization are shown on the Construction Plan Sheets.

f. Discharge point(s): N/A. This project has no outfall.

2. Controls

a. Erosion and Sediment Controls: The Contractor shall describe in the ECP the proposed stabilization and structural practices. The Contractor may choose to accept the following guidelines or modify them in the ECP, subject to approval by the Engineer. As work progresses, the Contractor shall modify the plan to adapt to seasonal variation, changes in construction activities, and the need for better management practices. For each construction phase install perimeter controls after clearing and grubbing necessary for installation of controls but before beginning other work for the construction phase. Remove perimeter controls only after all upstream areas are stabilized. In addition :

. 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.

. Sediment 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 the E&SC Manual.

. Inlet protection systems shall be used for all existing and proposed inlets subject to sediment runoff.

. 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 encircle with sediment barriers.

. Floating or staked turbidity barrier shall be used in the canals as an extra measure of protection. These devices shall not substitute for upland control devices. Contractor is required to prepare a turbidity contingency plan as part of the erosion control plan.

. Erosion control mats may be utilized as an extra measure of protection of embankment or berm construction to prevent erosion.

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 portions of the site where construction activities have temporarily or permanently ceased. The stabilization practices shall include at least the following, unless otherwise approved by the Engineer.

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 the Contract Documents.

2) Structural Practices: In the ECP, the Contractor shall describe the proposed structural practices to control trap sediment and otherwise prevent the discharge of pollutants 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 ES&C Manual and the Contract Documents. See Erosion and Sediment Control Details for more information. All sediment controls shall be in place prior to any soil disturbing activity.

b) Permanent: Includes roadside swales.

b. Permanent Stormwater Management Controls: Stormwater runoff will be conveyed in a swale systems with inlets and French drains.

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 the project site:

1) Waste Disposal: In the ECP, the Contractor shall describe the proposed methods to prevent the discharge of solid materials, including building materials, to waters of the United States. The proposed methods shall include at least the following, unless otherwise approved by the Engineer:

a) The Contractor shall demonstrate the proper disposal of all construction waste generated within the project limits. Waste may include, but not be limited to, vegetation from clearing and grubbing activities, packaging materials, scrap building materials, litter from traveling public, sewage from sanitary facilities, herbicides and pesticides and their containers, and hydrocarbon products. Contractor shall 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 adequate number of litter containers with lids at the staging, stockpile and field office areas (as applicable). Waste collection will be scheduled so that containers are emptied prior to overflow. Spilled litter containers will be cleaned 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 Documents.

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 to reduce off-site tracking.

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.

4) Application of Fertilizer and Pesticides

a) The application and handling of herbicides and pesticides shall be in compliance with the manufacture 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 on site 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.

b) Contractor shall provide equipment necessary to contain and clean up spills of hazardous materials, including petroleum 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 stormwater. Disposal of surplus 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

Not applicable to this project.

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 Specifications.

b. Inlet Protection Systems at inlets-Check after rainfall events. Clean if clogging occurs.

c. The maintenance of these devices shall occur until the Engineer has deemed an area permanently stabilized. It will be the responsibility 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 items as necessary.

b. The Engineer shall have an Inspector review the project's temporary and permanent erosion control measures for the items listed below at least once every seven (7) calendar days and/or within 24 hours of the end of a storm that is 0.5 inches or greater. A written inspection report (form attached) is required every seven calendar days or within 24 hours of the end of a storm that deposits 0.5 inches of rain or greater.

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

6) Stormwater management systems

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 working order.

d. If inspections indicate that the installed stabilization and structural practices are not sufficient to minimize erosion, retain sediment, and prevent discharging pollutants, the Contractor shall provide additional measures, as approved by the Engineer.

5. Non-Stormwater Discharges

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 Resource (R.E.R.) Compliance Desk, at (305) 372-6955.

DARYL K. HILDOER
LICENSE
No. 68633
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

4-20-2026

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY DARYL K. HILDOER, P.E. 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.

S:\Hector\Fernando Ramos\2024\NW 7 ST FROM NW 79 AVE TO NW 82 AVE 20240279\DRAINAGE IMPROVEMENT PROJECT\SH-19 STORMWATER POLLUTION PREVENTION PLAN.dwg Jun 13, 2025 - 4:02pm E139108

REVISIONS								
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

NW 7 STREET FROM
NW 82 AVENUE TO NW 76 AVENUE AND
MIDWAY PUMP STATION TELEMETRY
IMPROVEMENTS
DRAINAGE IMPROVEMENT PROJECT

	NAME	DATE		NAME	DATE
DESIGNED BY	F.R.	6-15-25	DRAWN BY	H.S.	6-15-25
CHECKED BY	F.G.	6-15-25	CHECKED BY	F.R.	6-15-25

SUPERVISED BY:

MIAMI-DADE COUNTY

DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
ROADWAY ENGINEERING AND RIGHT OF WAY DIVISION
STEPHEN P. CLARK CENTER
111 NW 1 ST
MIAMI, FLORIDA 33128

STORMWATER POLLUTION PREVENTION PLAN