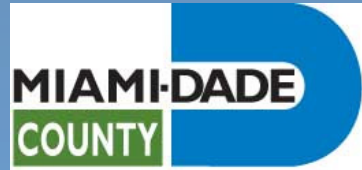


Miami-Dade County DERM



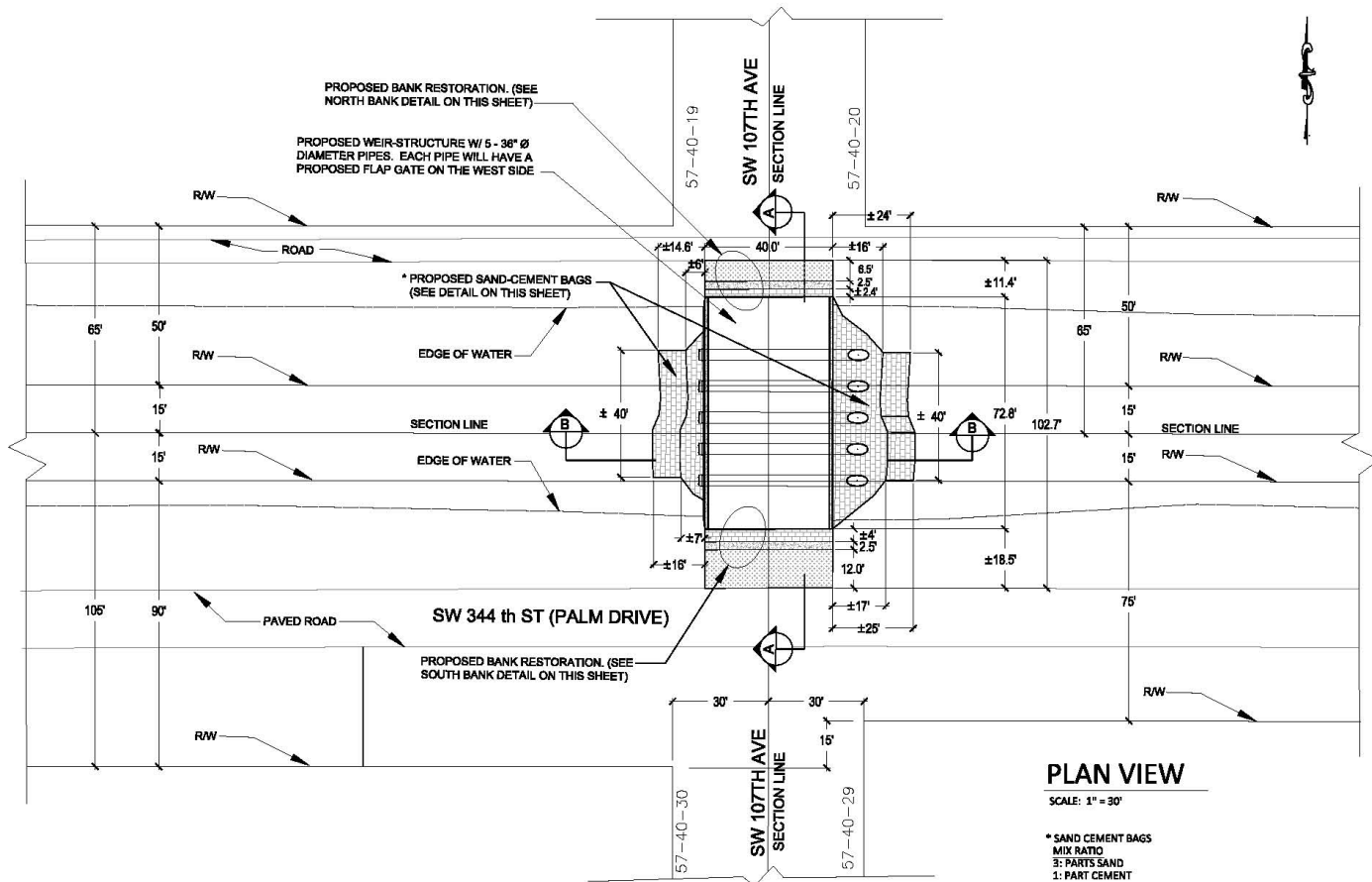
Florida City Canal Structure Project

MIAMI DADE COUNTY
DEPARTMENT OF ENVIRONMENTAL RESOURCES MANAGEMENT (DERM)



PROPOSED STRUCTURE AT FLORIDA CITY CANAL & 107TH AVE

PROPOSED STRUCTURE AT FLORIDA CITY CANAL & 107th AVE.



TOP ELEV. OF PROP. WEIR 0.65' NAVD 88
(2.2' NGVD 1929)

**PROPOSED STRUCTURE
AT FLORIDA CITY CANAL & 107th AVE.**

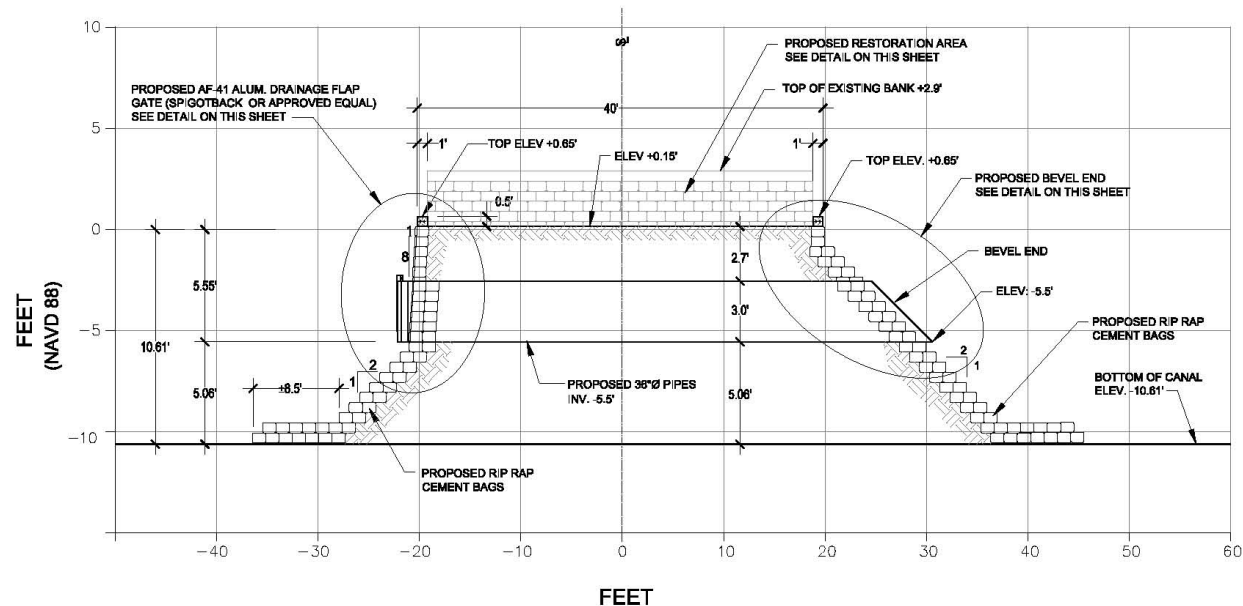


NOTE:
SCALE HORIZONTAL: 1"=10'
SCALE VERTICAL: 1"=5'

TOP ELEV. OF PROP. WEIR 0.65' NAVD 88
(2.2' NGVD 1929)

PROPOSED STRUCTURE AT FLORIDA CITY CANAL & 107TH AVE

PROPOSED STRUCTURE AT FLORIDA CITY CANAL & 107th AVE.



PROPOSED STRUCTURE SECTION

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

TOP ELEV. OF PROP. WEIR 0.65' NAVD 88
(2.2' NGVD 1929)

TYPICAL PLAN VIEW
SCALE: 1" = 4'

LEGEND:

- 6" # LIMESTONE BOULDERS (2 LAYERS)
- LIMEROCK MATERIAL COMPACTED
- FILLED WITH BEDDING LAYER
- PROPOSED REINFORCED CONCRETE WALLS
- PROPOSED BANK RESTORATION

STRUCTURE DETAILS:

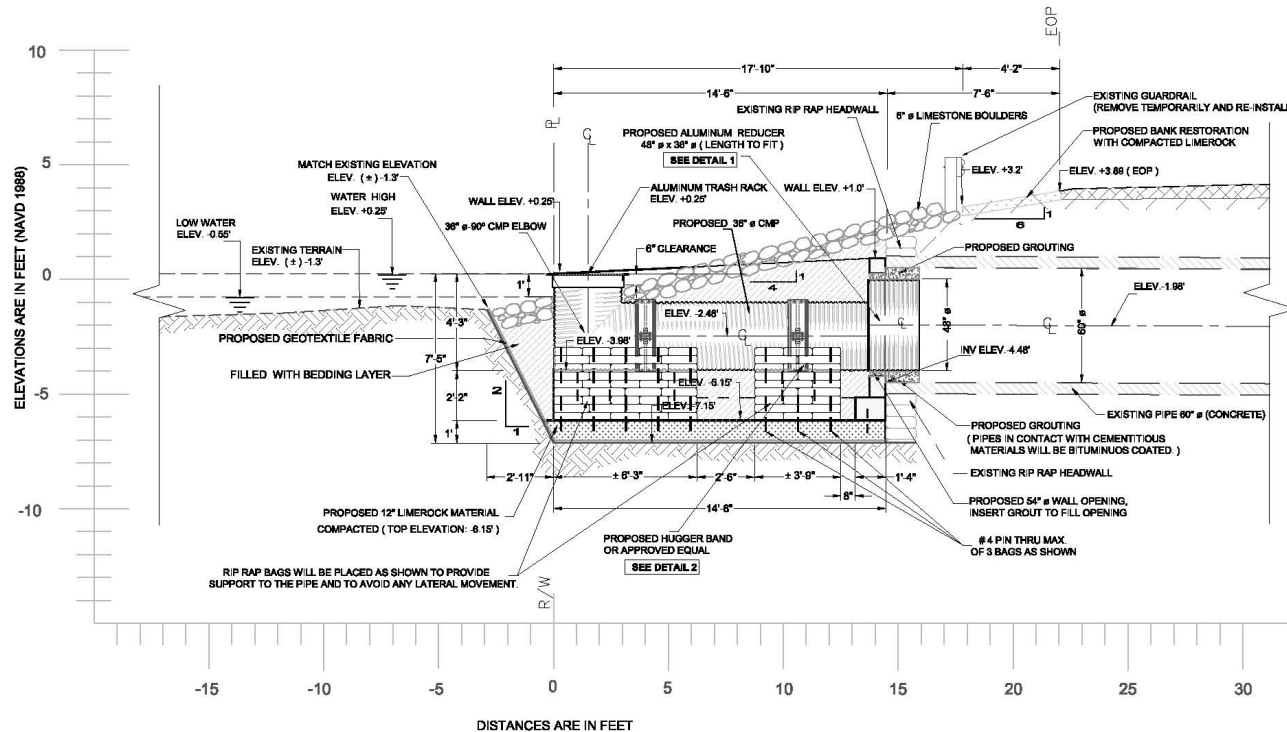
- EXISTING RIP RAP HEADWALL
- EXISTING GUARDRAIL
- EDGE OF EXISTING TERRAIN (FILL WILL END HERE AND MATCH EXISTING TERRAIN ELEVATION)
- PROPOSED TRASH RACK ELEV. +0.25'
- EXISTING TERRAIN ELEV. (±) -1.3'
- PROPOSED 12" LIMEROCK MATERIAL COMPACTED
- PROPOSED REINFORCED CONCRETE WALLS (REFER TO PAGE 9 FOR WALL DETAIL)
- EDGE OF EXISTING TERRAIN (FILL WILL END HERE AND MATCH EXISTING TERRAIN ELEVATION)
- PROPOSED BANK RESTORATION
- PROPOSED GROUTING
- PROPOSED ALUMINUM REDUCER 48" # x 36" # (SEE DETAIL 1)
- EXISTING CONCRETE PIPE 60" # (CONCRETE)
- 54" # WALL OPENING, INSERT GROUT TO FILL OPENING (WILL ENCASE PROPOSED 48"x36" CMP REDUCER CONNECTION)
- PROPOSED HUGGER BAND OR APPROVED EQUAL (SEE DETAIL 2)

Dimensions:

- 14'-8"
- 13'-10"
- 8"
- 7'-6"
- 2'-11"
- 2'
- 2'
- 8"
- 8"
- 4'
- 16'
- 4'
- 8"
- 8"
- 2'
- 2'
- 8"
- 8"
- 48"
- 60"

**Prop. Inv : 0.25' NAVD 88
1.80' NGVD 1929**

FLORIDA CITY CANAL IMPROVEMENT TYPICAL CULVERT RETROFIT



Current Project Status

- Miami-Dade DERM and SFWMD are currently working on developing a joint funding agreement for this project.
- Miami-Dade DERM is finalizing design drawings for permit applications.
- The County would design, oversee construction, and maintain the structures.