DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT CORPS OF ENGINEERS
P. O. BOX 4970
JACKSONVILLE, FLORIDA 32232-0019

December 5, 2008

REPLY TO
ATTENTION OF

Regulatory Division
South Permits Branch
Tampa Permits Section

PUBLIC NOTICE

Permit Application No. SAJ-2008-4153(IP-MFN)

TO WHOM IT MAY CONCERN: This district has received an application for a Department of the Army permit pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. §403) and Section 404 of the Clean Water Act (33 U.S.C. 1344)as described below.

APPLICANT: Tampa Electric Company (TECO)
Post Office Box 111
Tampa, Florida 33601

WATERWAY & LOCATION: The project is located in tidally influenced wetlands adjacent to Hillsborough Bay, Wyandotte Road and Pembroke Road, in Section 10, Township 30 South, Range 19 East, Big Bend Power Station, Hillsborough County, Florida.

LATITUDE & LONGITUDE:

Latitude 27.80022°N, Longitude -82.39662°W

PROJECT PURPOSE:

1. Basic: Coal unloading facility.

2. Overall: Rail loop and infrastructure for the unloading facility.

PROJECT DESCRIPTION: The applicant proposes to construct a double loop track off the existing CSX track that also includes an unloading hopper, conveyor belts, and transfer structure. The facility would be constructed in two phases. Phase I would impact approximately 0.02 acres of tidal ditch for the unloading hopper, conveyor system, and transfer structure. Phase II would impact approximately 3.9 acres of tidal wetlands and tidal ditch for the double loop track system.

MIGIGATION: To compensate for the wetland impacts associated with this project, the applicant would purchase 1.4434 credits from the Tampa Bay Mitigation Bank (TBMB). The number of credits was determined using the E-WRAP functional assessment used by the TBMB.

ENDANGERED SPECIES: The project site is located in the Core Foraging Area (CFA) for the wood stork more than 2,500' from the active colony site at Bird Island. The applicant proposes to debit 1.4434 credits from the TBMB. Based on this information and the disturbed nature of the impacted wetlands, the U.S Army Corps of Engineers (Corps), using the latest wood stork key, has determined the proposal "may affect but would not likely adversely affect"

(MANLAA) the wood stork. Further coordination of the MANLAA determination with the U.S. Fish and Wildlife Service (FWS) is not necessary.

ESSENTIAL FISH HABITAT: This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. The proposal would impact approximately 4 acres of tidal wetlands and ditches off Hillsborough Bay that contain mangrove vegetation in some areas along with exotic vegetation dominated by Brazilian pepper. Our initial determination is that the proposed action would not have an adverse impact on EFH or Federally managed fisheries in Hillsborough Bay. Our final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the NMFS.

NOTE: *This public notice is being issued based on information furnished by the applicant. This information has not been verified.*

AUTHORIZATION FROM OTHER AGENCIES: Florida Department of Environmental Protection (FDEP): The FDEP permit application number is 29-0291610-001 for Phase I.

Comments regarding the application should be submitted in writing to the District Engineer at the above address within **21** days from the date of this notice.

If you have any questions concerning this application, you may contact Mike Nowicki of this office either by letter at the letterhead address, by telephone at 904-232-2171, by e-mail at michael.f.nowicki@usace.army.mil, or by fax at 904-232-1684.

IMPACT ON NATURAL RESOURCES: Preliminary review of this application indicates that an Environmental Impact Statement will not be required. Coordination with US Fish and Wildlife Service, Environmental Protection Agency (EPA), the National Marine Fisheries Services, and other Federal, State, and local agencies, environmental groups, and concerned citizens generally yields pertinent environmental information that is instrumental in determining the impact the proposed action will have on the natural resources of the area. By means of this notice, we are soliciting comments on the potential effects of the project on threatened or endangered species or their habitat.

IMPACT ON CULTURAL RESOURCES: Review of the latest published version of the National Register of Historic Places indicates that no registered properties, or properties listed as eligible for inclusion therein, are located at the site of the proposed work. Presently, unknown archaeological, scientific, prehistorical, or historical data may be lost or destroyed by the work to be accomplished.

EVALUATION: The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including cumulative impacts thereof; among these are conservation, economics, esthetics, general environmental concerns, wetlands, historical properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and in general, the needs and welfare of the people. Evaluation of the impact of the activity on the public interest will also include application of the guidelines promulgated by the Administrator, EPA, under authority of Section 404(b) of the Clean Water Act of the criteria established under authority of Section 102(a) of the Marine, Protection, Research, and Sanctuaries Act of 1972. A permit will be granted unless its issuance is found to be contrary to the public interest.

The US Army Corps of Engineers (Corps) is soliciting comments from the public; Federal, State, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition, or deny a permit for this proposal. To make or deny this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

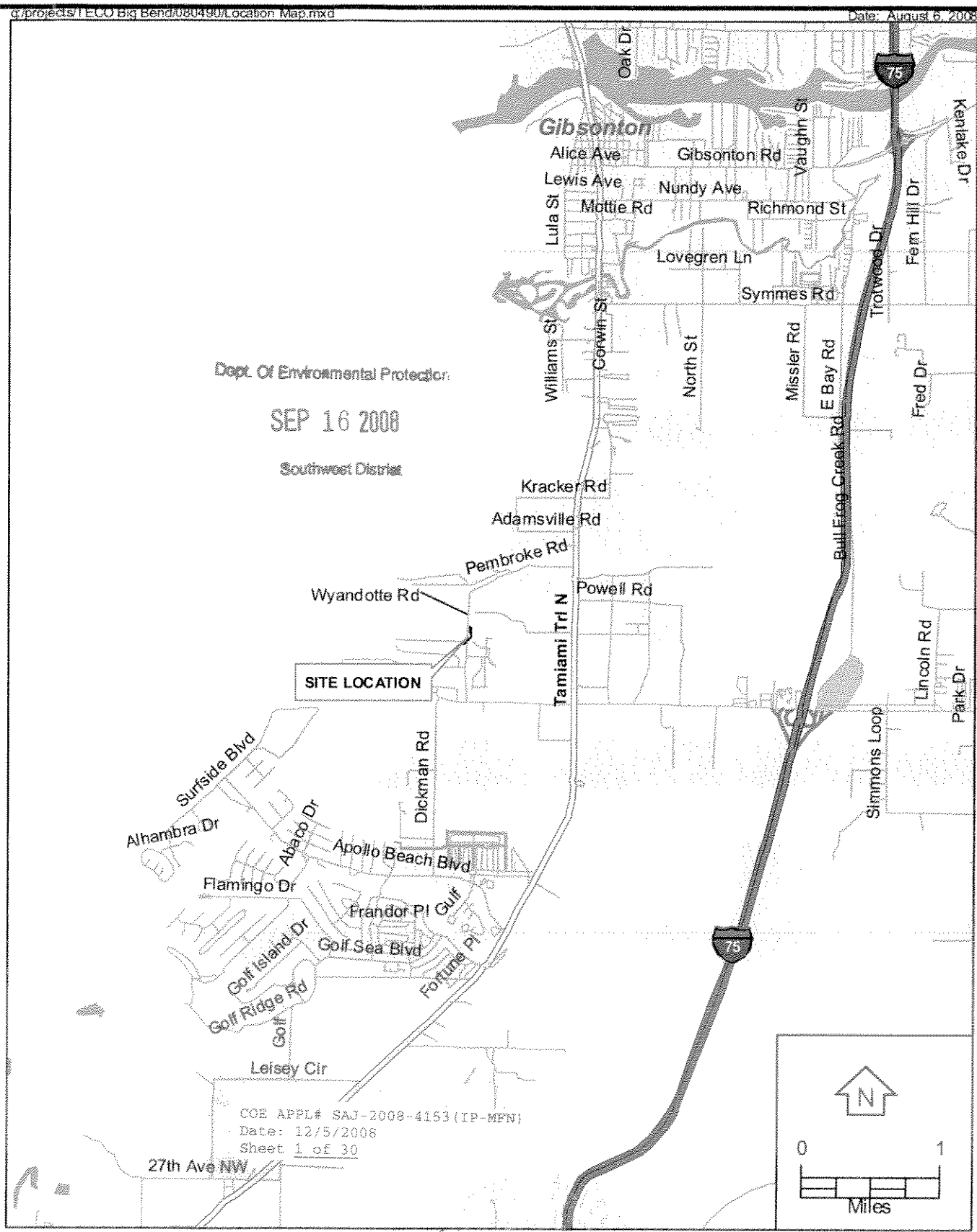
COASTAL ZONE MANAGEMENT CONSISTENCY: In Florida, the State approval constitutes compliance with the approved Coastal Zone Management Plan. In Puerto Rico, a Coastal Zone Management Consistency Concurrence is required from the Puerto Rico Planning Board. In the Virgin Islands, the Department of Planning and Natural Resources permit constitutes compliance with approved Coastal Zone Management Plan.

REQUEST FOR PUBLIC HEARING: Any person may request a public hearing. The request must be submitted in writing to the District Engineer within the designated comment period of the notice and must state the specific reasons for requesting the public hearing.

David S. Hobbie
Regulatory Division

g:/projects/TECO Big Bend/080490/Location Map.mxd

Date: August 6, 2008



Dept. Of Environmental Protection

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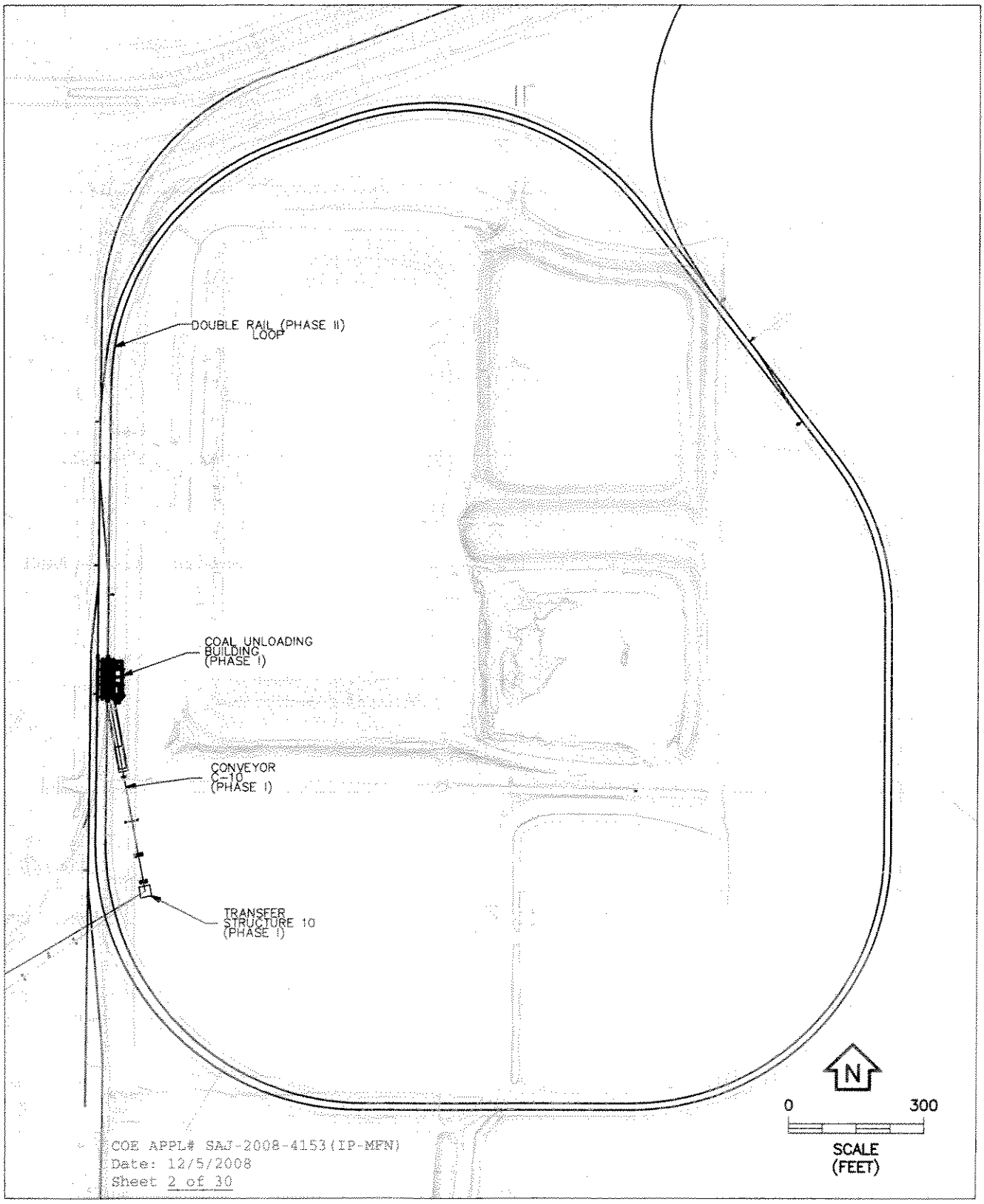
FIGURE 1.
LOCATION MAP
TAMPA ELECTRIC COMPANY
BIG BEND RAIL LOOP PROJECT - PHASE I

Charles J. Nelson 9/10/08
CHARLES J. NELSON
#52508

Sources: ESRI Street Map Data, 2005; Sargent & Lundy, LLC, 2008; ECT, 2008.

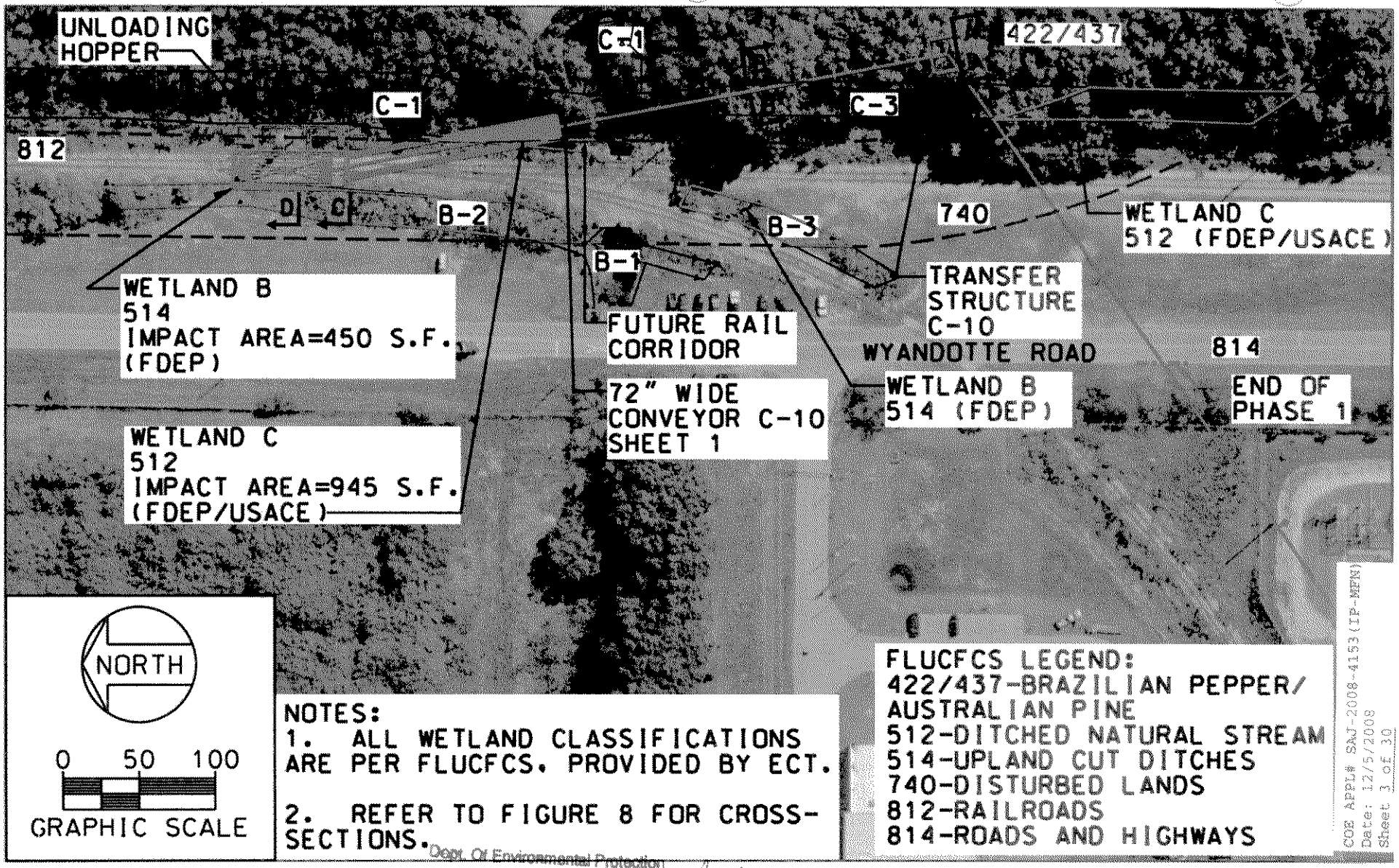
TECO
TAMPA ELECTRIC



ATTACHMENT A
PROPOSED COAL UNLOADING HOPPER, CONVEYOR, AND TRANSFER STRUCTURE (PHASE I) CONNECTED TO THE PROPOSED DOUBLE RAIL LOOP (PHASE II)

Sources: Sargent & Lundy, 2008; ECT, 2008.

ECT
Environmental Consulting & Technology, Inc.



NOTES:
1. ALL WETLAND CLASSIFICATIONS ARE PER FLUCFCS. PROVIDED BY ECT.
2. REFER TO FIGURE 8 FOR CROSS-SECTIONS.

Dept. Of Environmental Protection

FIGURE 7
PLAN VIEW
TAMPA ELECTRIC COMPANY
BIG BEND RAIL LOOP PROJECT PHASE 1
SOURCE: SARGENT & LUNDY,LLC,2008;ECT,2008

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Charles J. Nelson 9/10/08
CHARLES J. NELSON
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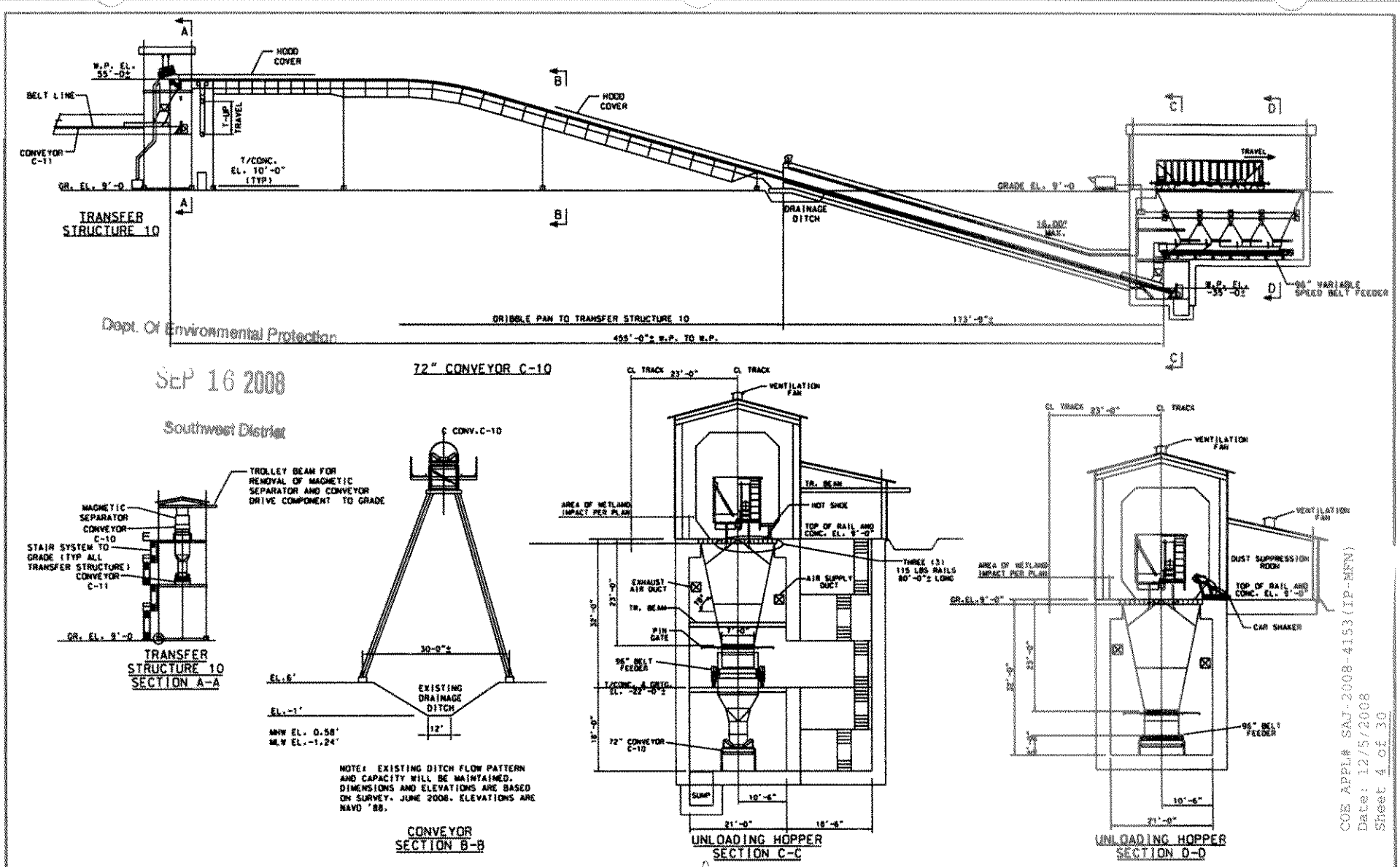

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FIGURE 8
CROSS-SECTION DETAILS OF SYSTEM
TAMPA ELECTRIC COMPANY
BIG BEND RAIL LOOP PROJECT PHASE 1
SOURCE: SARGENT & LUNDY,LLC,2008;ECT,2008

Charles J. Nelson 9/16/08
CHARLES J. NELSON
#52508

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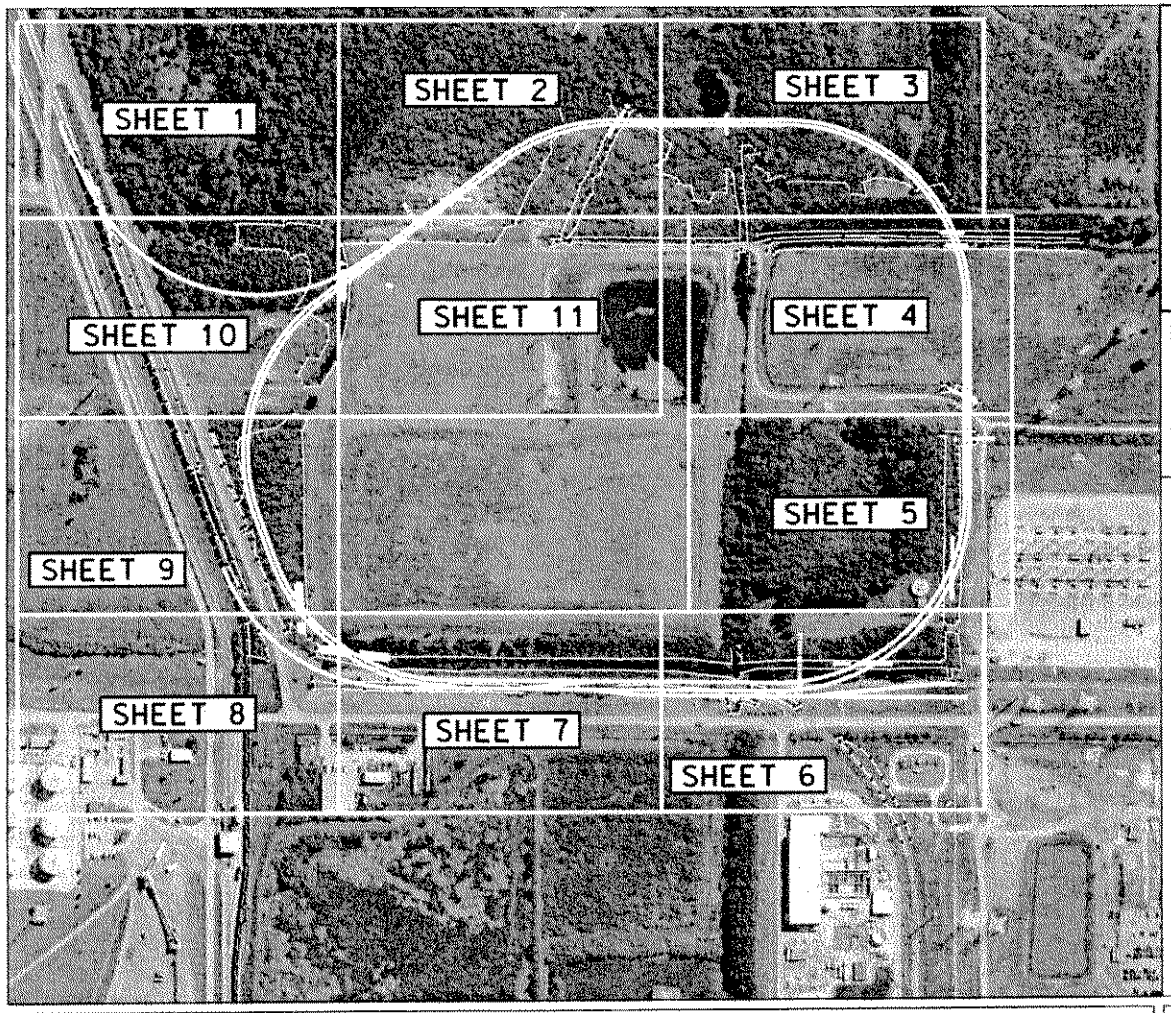

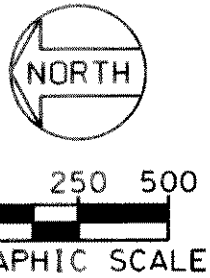

NOTES:
1. ALL WETLAND CLASSIFICATIONS ARE PER FLUCFCS. (FDOT. 1999) PROVIDED BY ECT.

LEGEND:

- PROPOSED RAIL
- PROPOSED RCP CULVERT
- WETLANDS/SURFACE WATERS
- PROPOSED BOX CULVERT

FIGURE 7A
PLAN VIEW – INDEX MAP
TAMPA ELECTRIC COMPANY
BIG BEND RAIL LOOP PROJECT PHASE II
SOURCE: SARGENT & LUNDY,LLC,2008;ECT,2008

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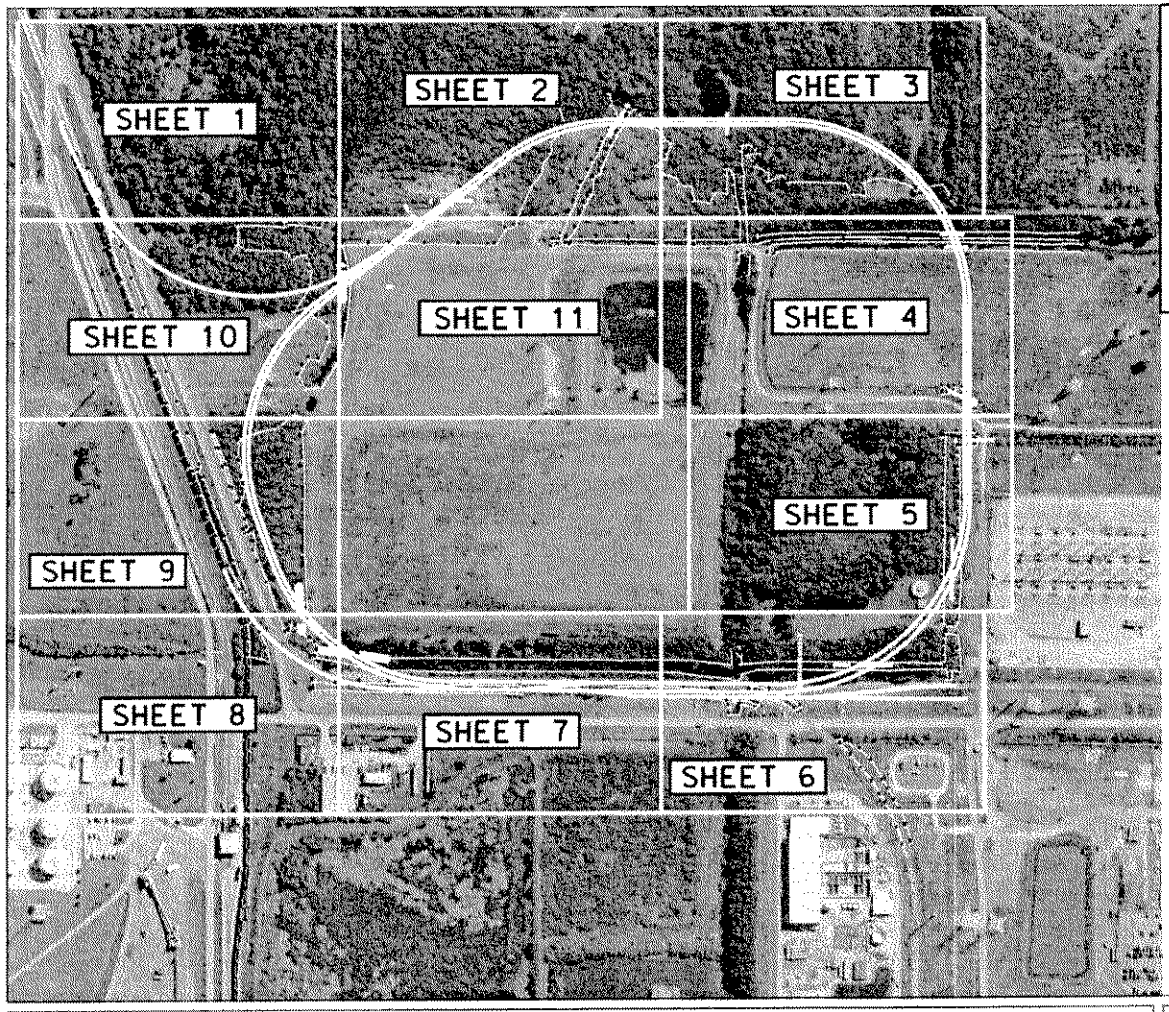

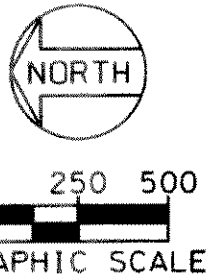

FLUCFCS LEGEND:
422/437-BRAZILIAN PEPPER/AUSTRALIAN PINE
425-TEMPERATE HARDWOODS
438-MIXED HARDWOODS
512-DITCHED NATURAL STREAM
514-UPLAND CUT DITCHES
524-LAKES LESS THAN 10 ACRES
534-RESERVOIRS LESS THAN 10 ACRES
619-EXOTIC WETLAND HARDWOODS
641-FRESHWATER MARSHES
642-SALTWATER MARSHES
740-DISTURBED LANDS
812-RAILROADS
814-ROADS AND HIGHWAYS
831-ELECTRIC POWER FACILITIES

FIGURE 7B
PLAN VIEW – INDEX MAP
TAMPA ELECTRIC COMPANY
BIG BEND RAIL LOOP PROJECT PHASE II
SOURCE: SARGENT & LUNDY,LLC,2008;ECT,2008

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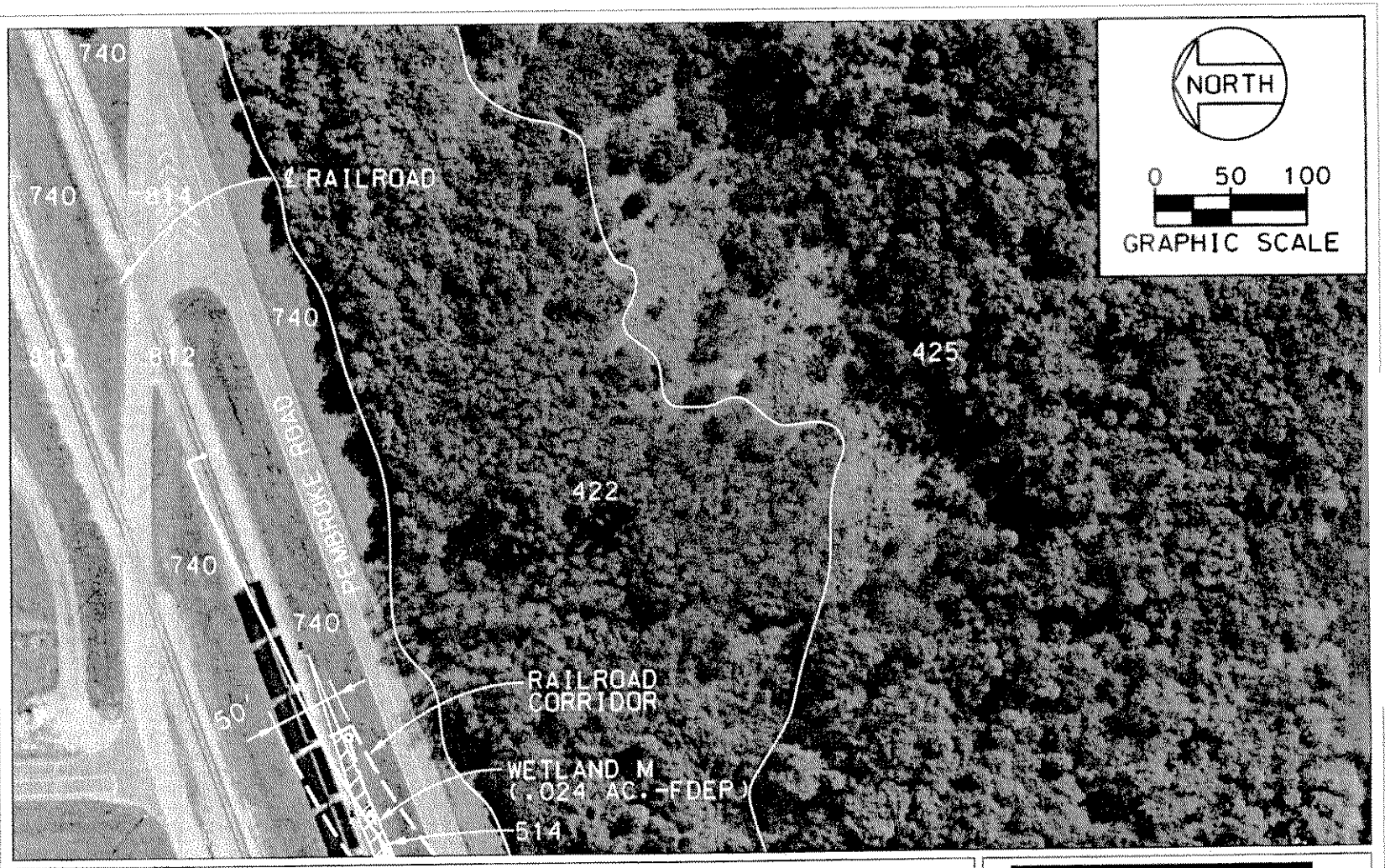

FIGURE 8
PLAN VIEW – SHEET 1 OF 11
TAMPA ELECTRIC COMPANY
BIG BEND RAIL LOOP PROJECT PHASE II
SOURCE: SARGENT & LUNDY,LLC,2008;ECT,2008

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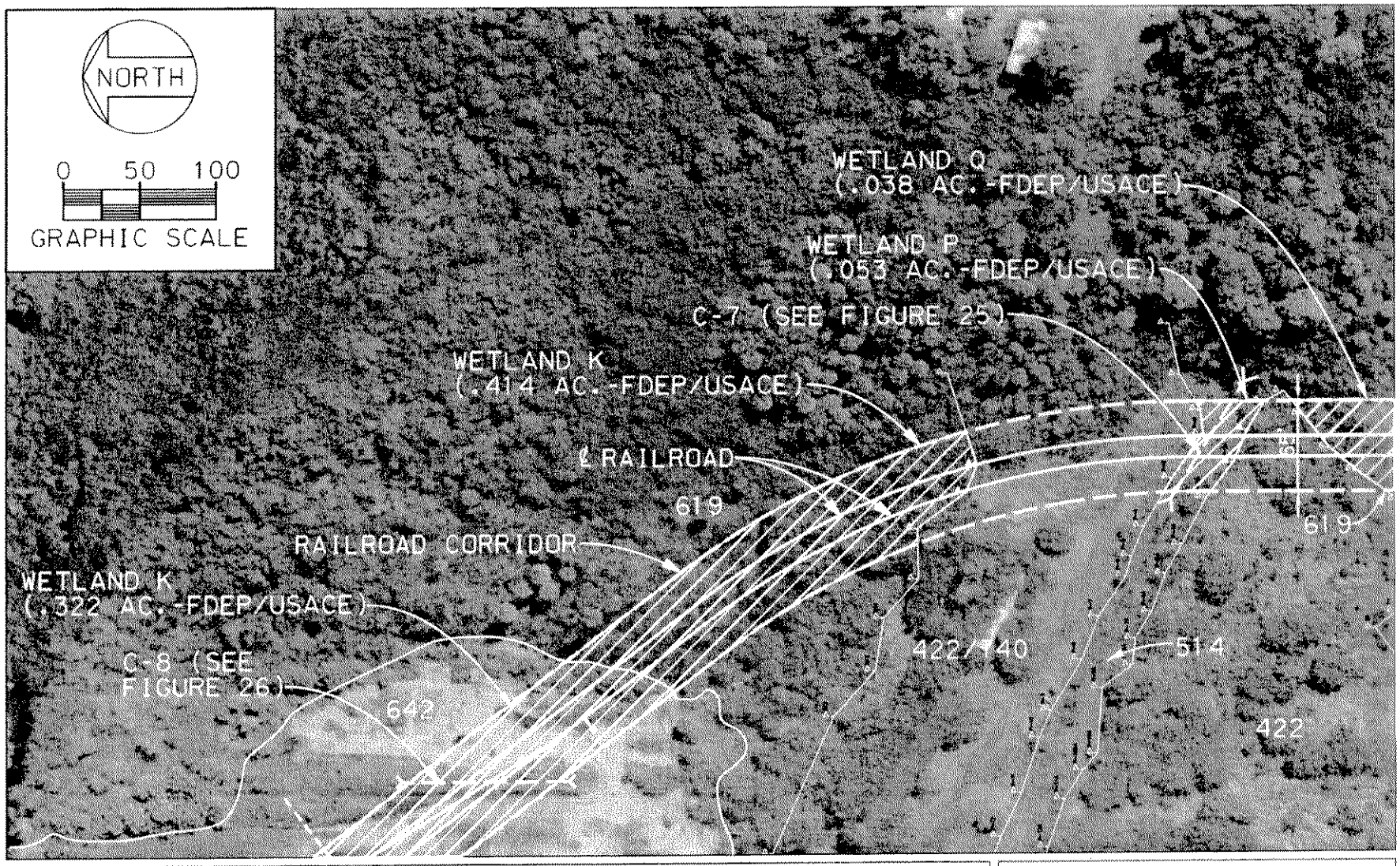

FIGURE 9
PLAN VIEW – SHEET 2 OF 11
TAMPA ELECTRIC COMPANY
BIG BEND RAIL LOOP PROJECT PHASE II
SOURCE: SARGENT & LUNDY,LLC,2008;ECT,2008

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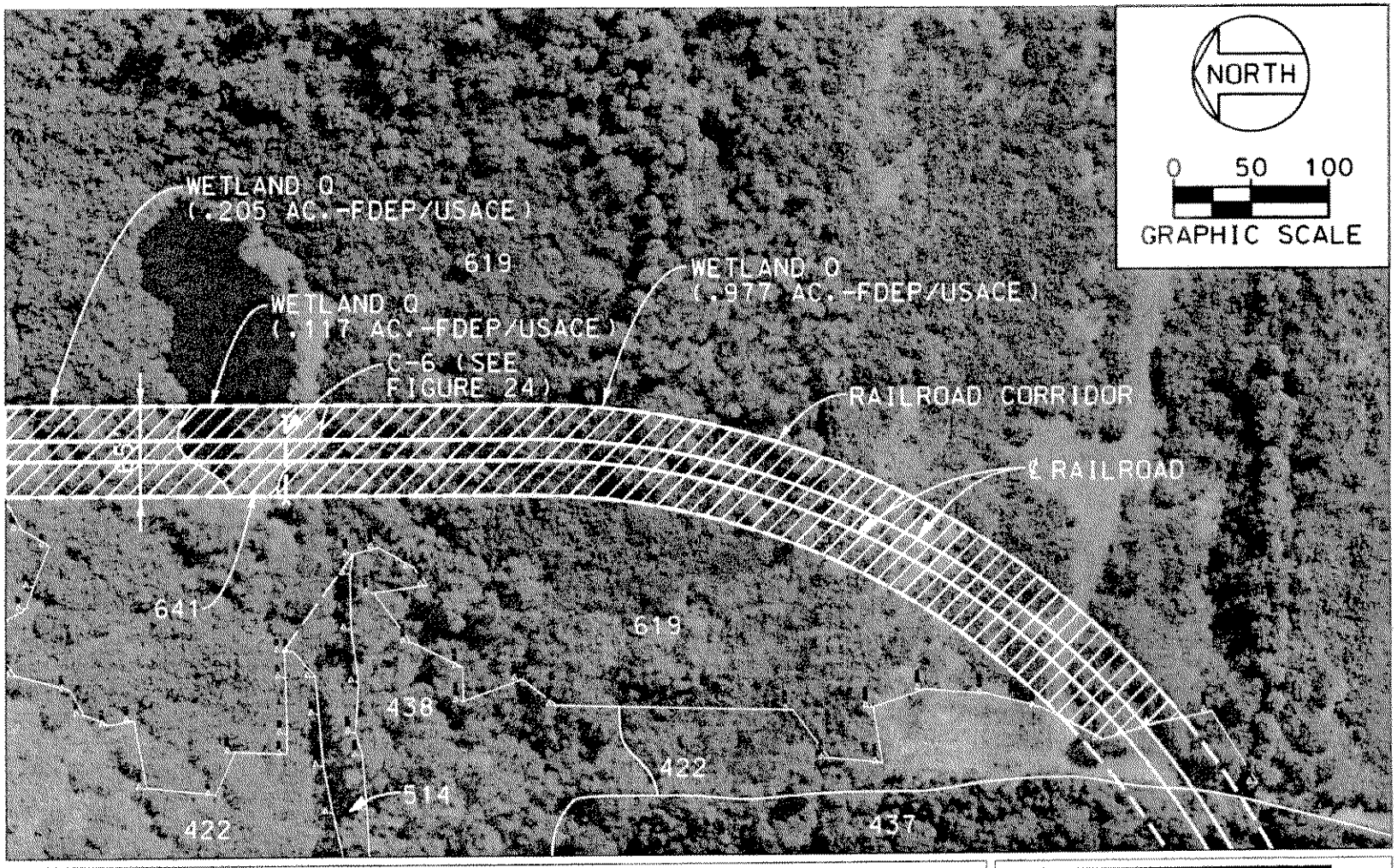

FIGURE 10
PLAN VIEW – SHEET 3 OF 11
TAMPA ELECTRIC COMPANY
BIG BEND RAIL LOOP PROJECT PHASE II
SOURCE: SARGENT & LUNDY,LLC,2008;ECT,2008

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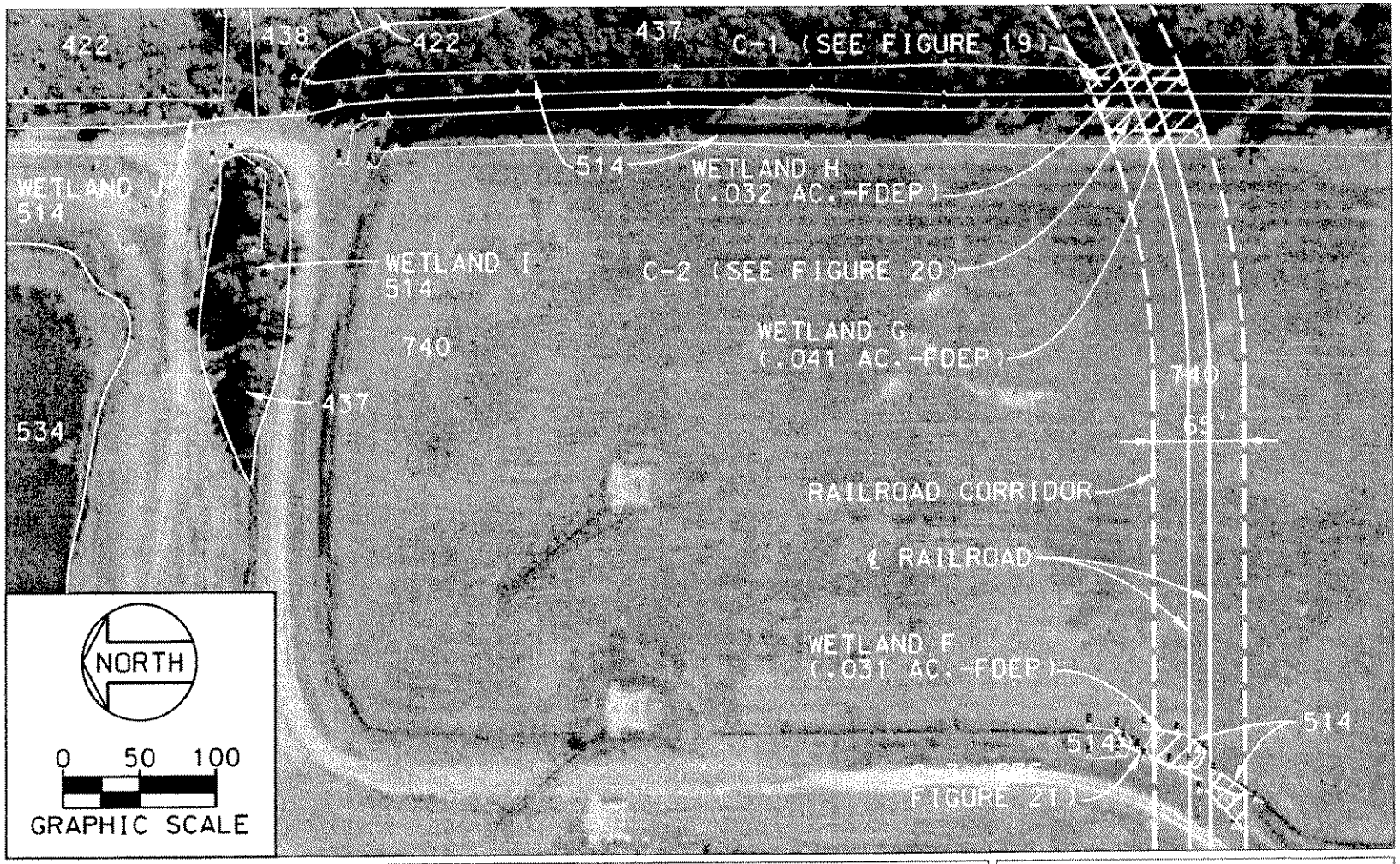

FIGURE 11
PLAN VIEW – SHEET 4 OF 11
TAMPA ELECTRIC COMPANY
BIG BEND RAIL LOOP PROJECT PHASE II
SOURCE: SARGENT & LUNDY,LLC,2008;ECT,2008

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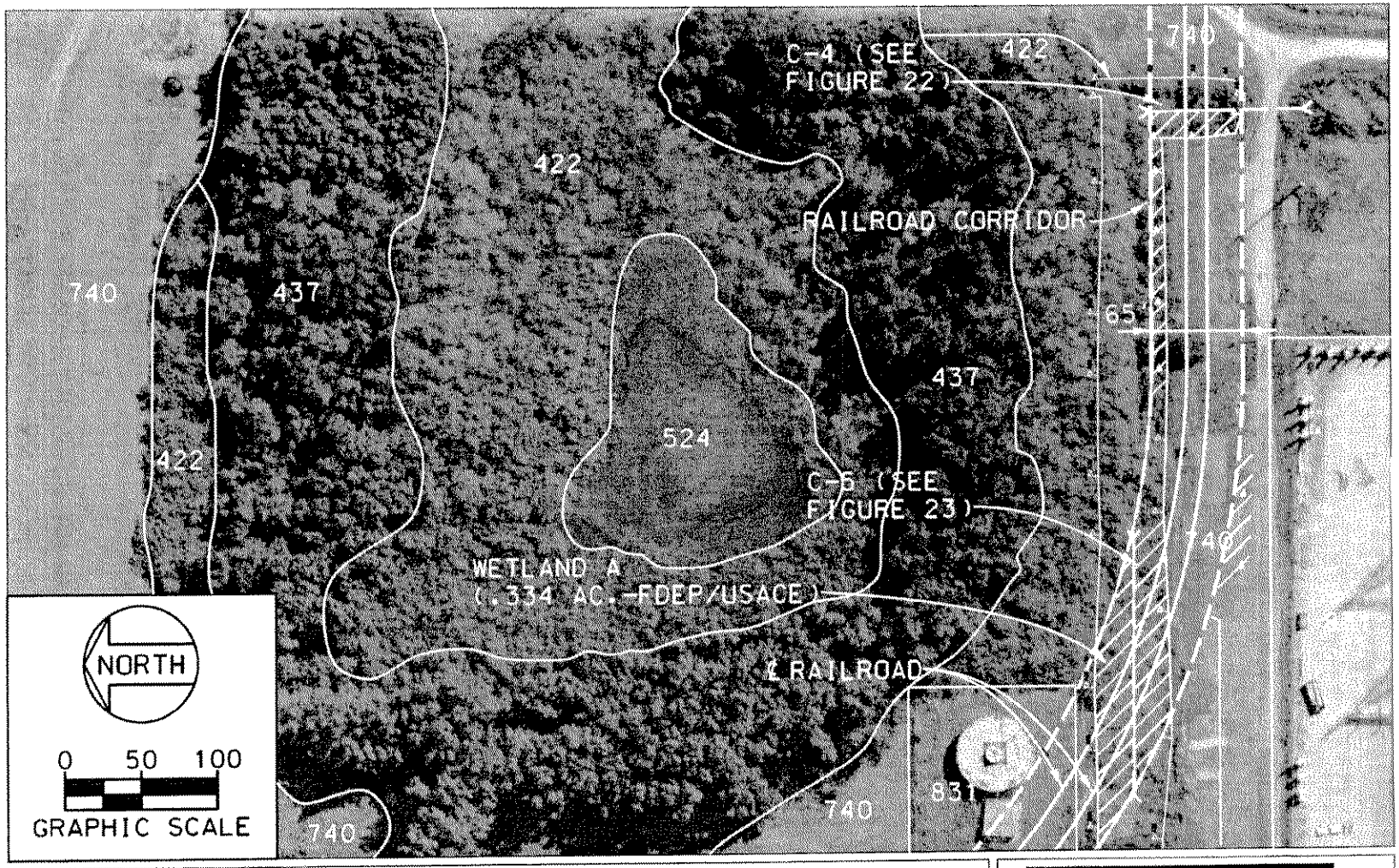

FIGURE 12
PLAN VIEW - SHEET 5 OF 11
TAMPA ELECTRIC COMPANY
BIG BEND RAIL LOOP PROJECT PHASE II
SOURCE: SARGENT & LUNDY,LLC,2008;ECT,2008

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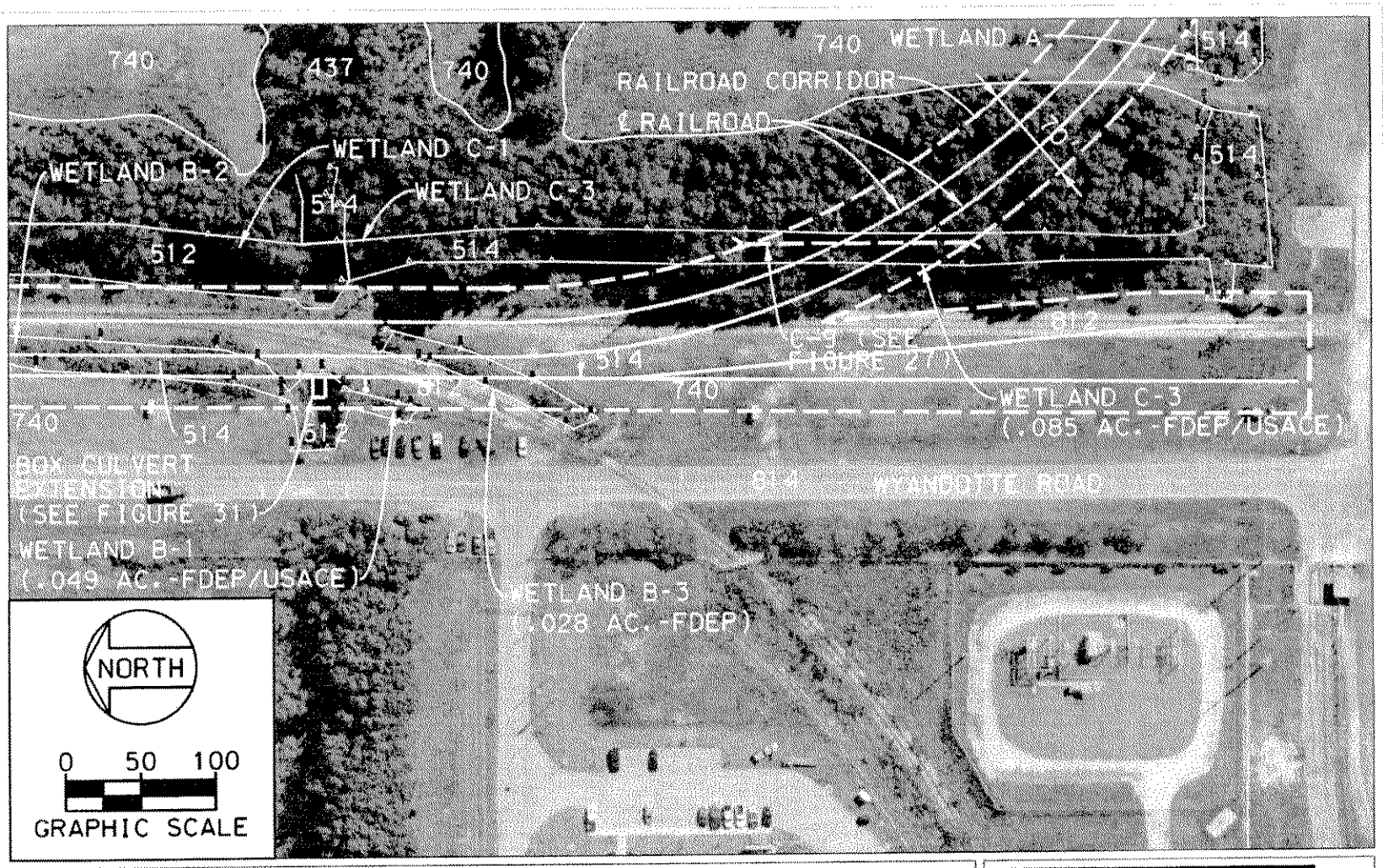

FIGURE 13
PLAN VIEW – SHEET 6 OF 11
TAMPA ELECTRIC COMPANY
BIG BEND RAIL LOOP PROJECT PHASE II
SOURCE: SARGENT & LUNDY,LLC,2008;ECT,2008

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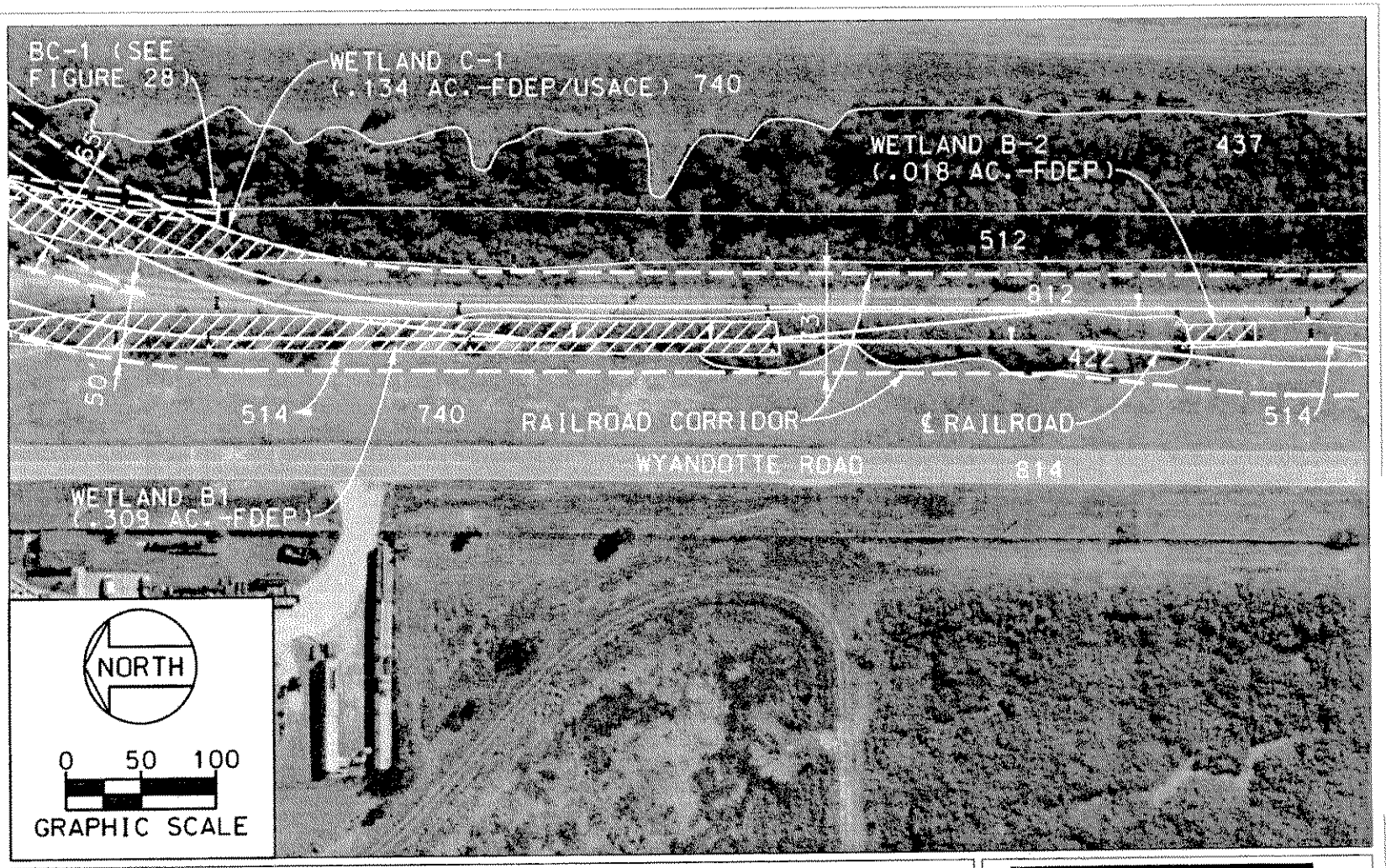

FIGURE 14
PLAN VIEW – SHEET 7 OF 11
TAMPA ELECTRIC COMPANY
BIG BEND RAILLOOP PROJECT PHASE II
SOURCE: SARGENT & LUNDY,LLC,2008;ECT,2008

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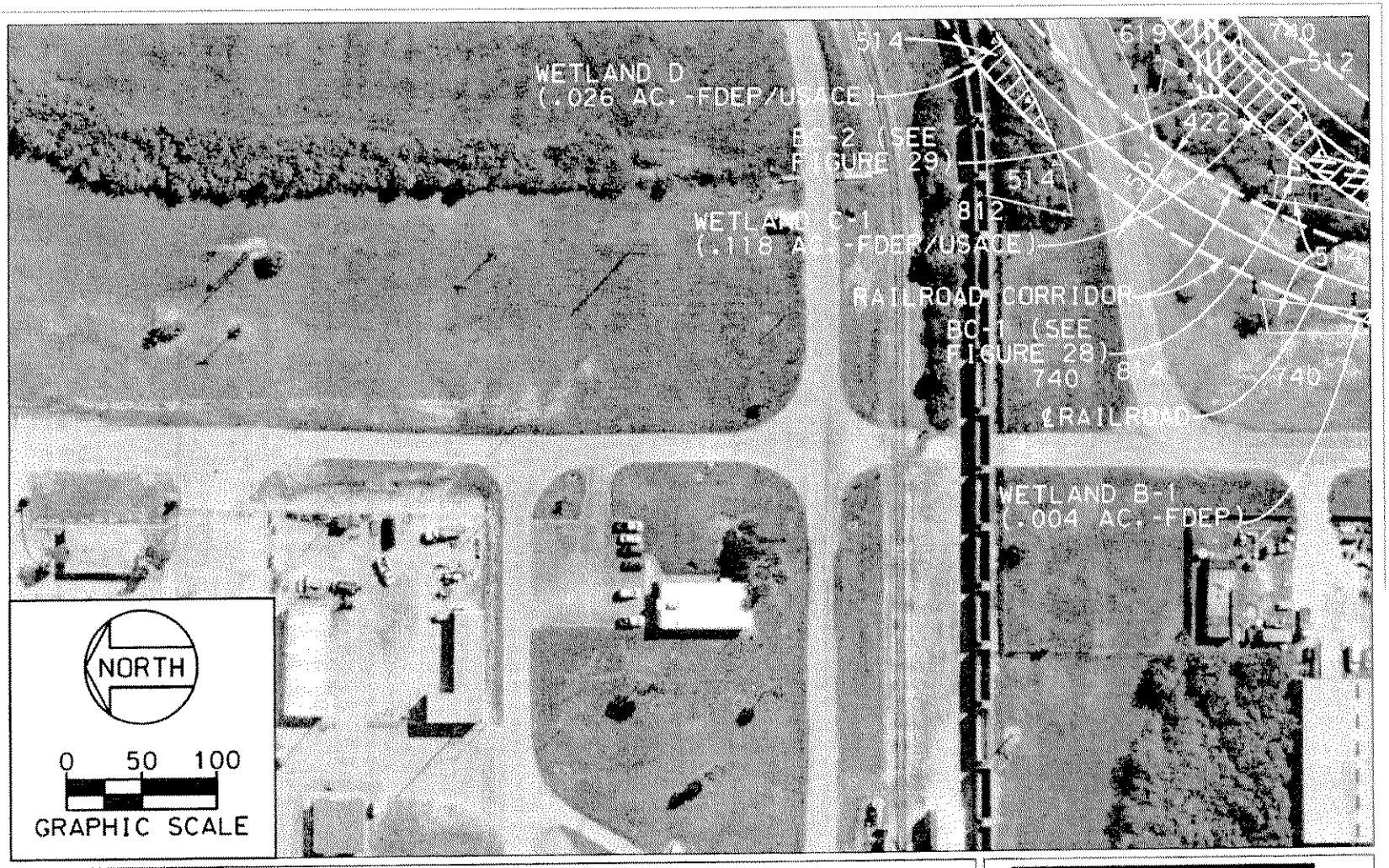

FIGURE 15
PLAN VIEW – SHEET 8 OF 11
TAMPA ELECTRIC COMPANY
BIG BEND RAIL LOOP PROJECT PHASE II
SOURCE: SARGENT & LUNDY,LLC,2008;ECT,2008

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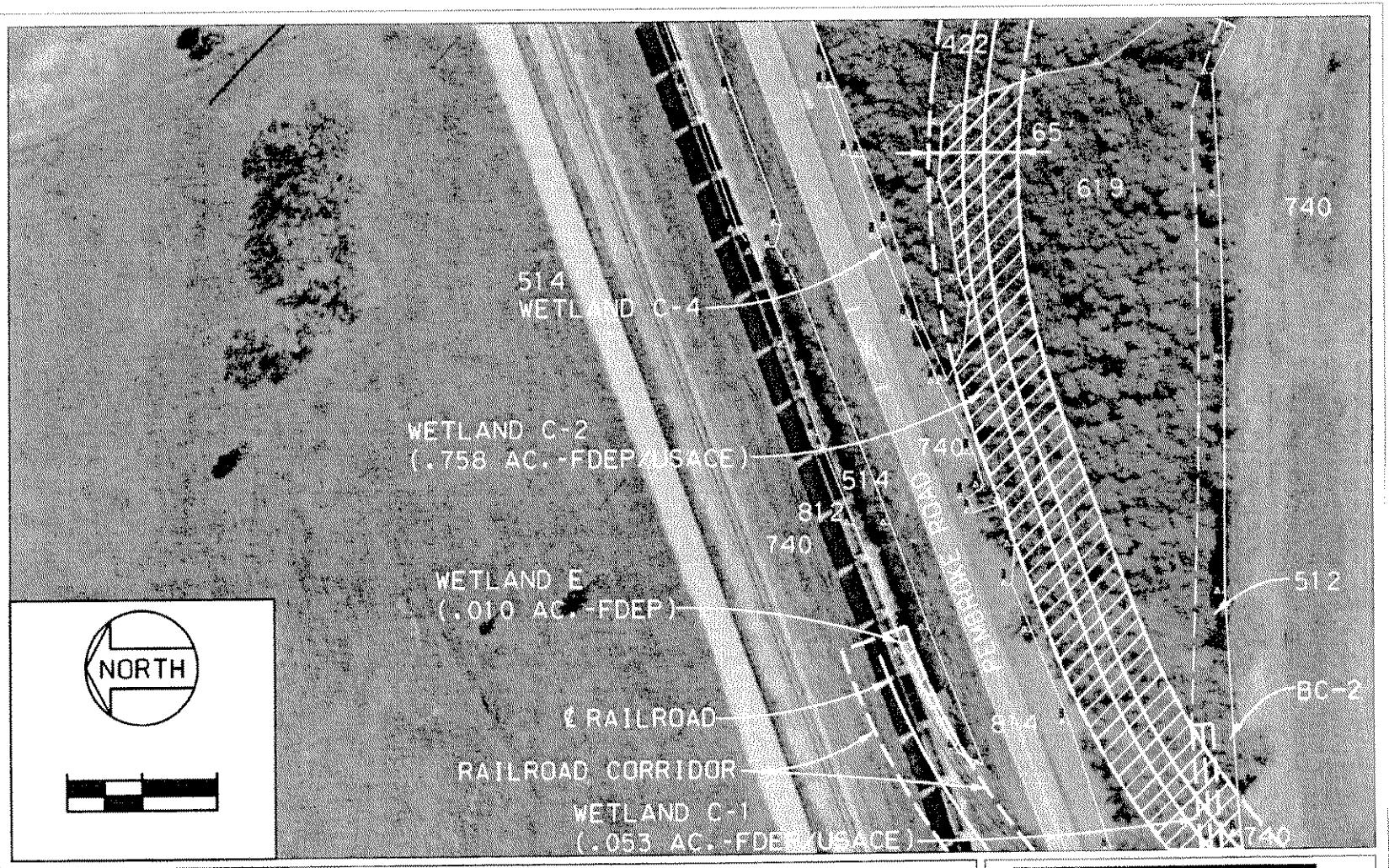

FIGURE 16
PLAN VIEW – SHEET 9 OF 11
TAMPA ELECTRIC COMPANY
BIG BEND RAIL LOOP PROJECT PHASE II
SOURCE: SARGENT & LUNDY,LLC,2008;ECT,2008

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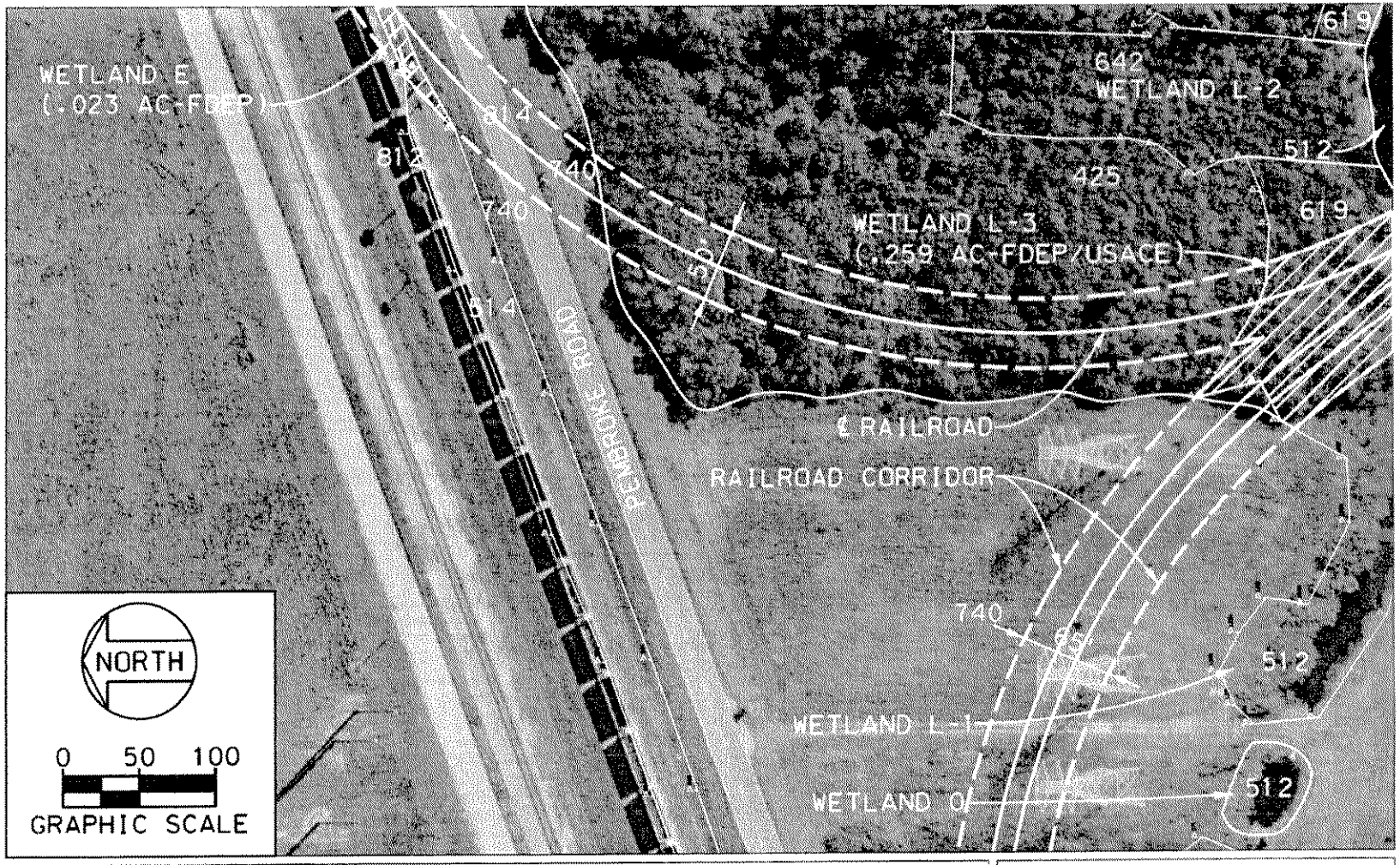

FIGURE 17
PLAN VIEW – SHEET 10 OF 11
TAMPA ELECTRIC COMPANY
BIG BEND RAIL LOOP PROJECT PHASE II
SOURCE: SARGENT & LUNDY,LLC,2008;ECT,2008

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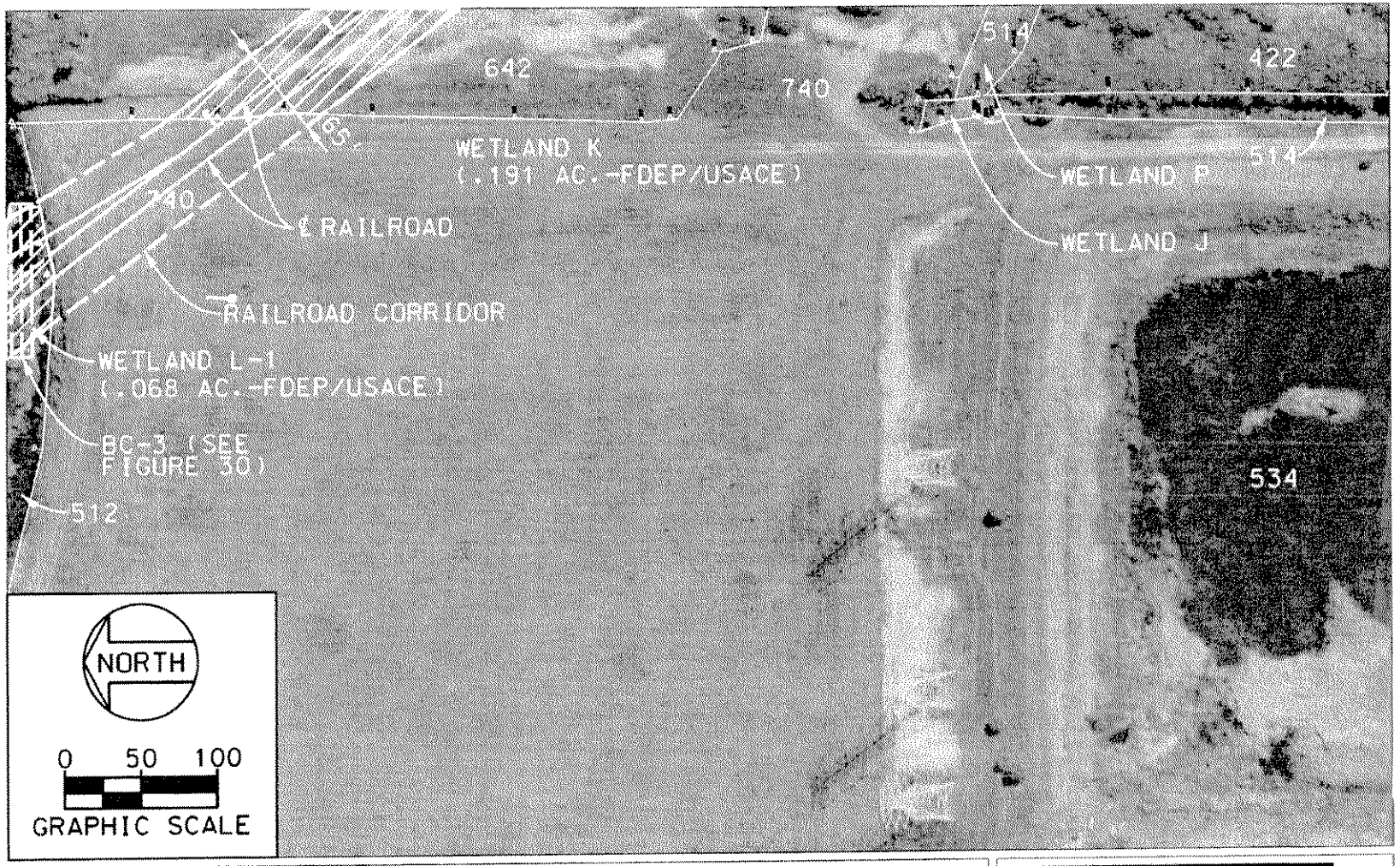

FIGURE 18
PLAN VIEW – SHEET 11 OF 11
TAMPA ELECTRIC COMPANY
BIG BEND RAIL LOOP PROJECT PHASE II
SOURCE: SARGENT & LUNDY,LLC,2008;ECT,2008

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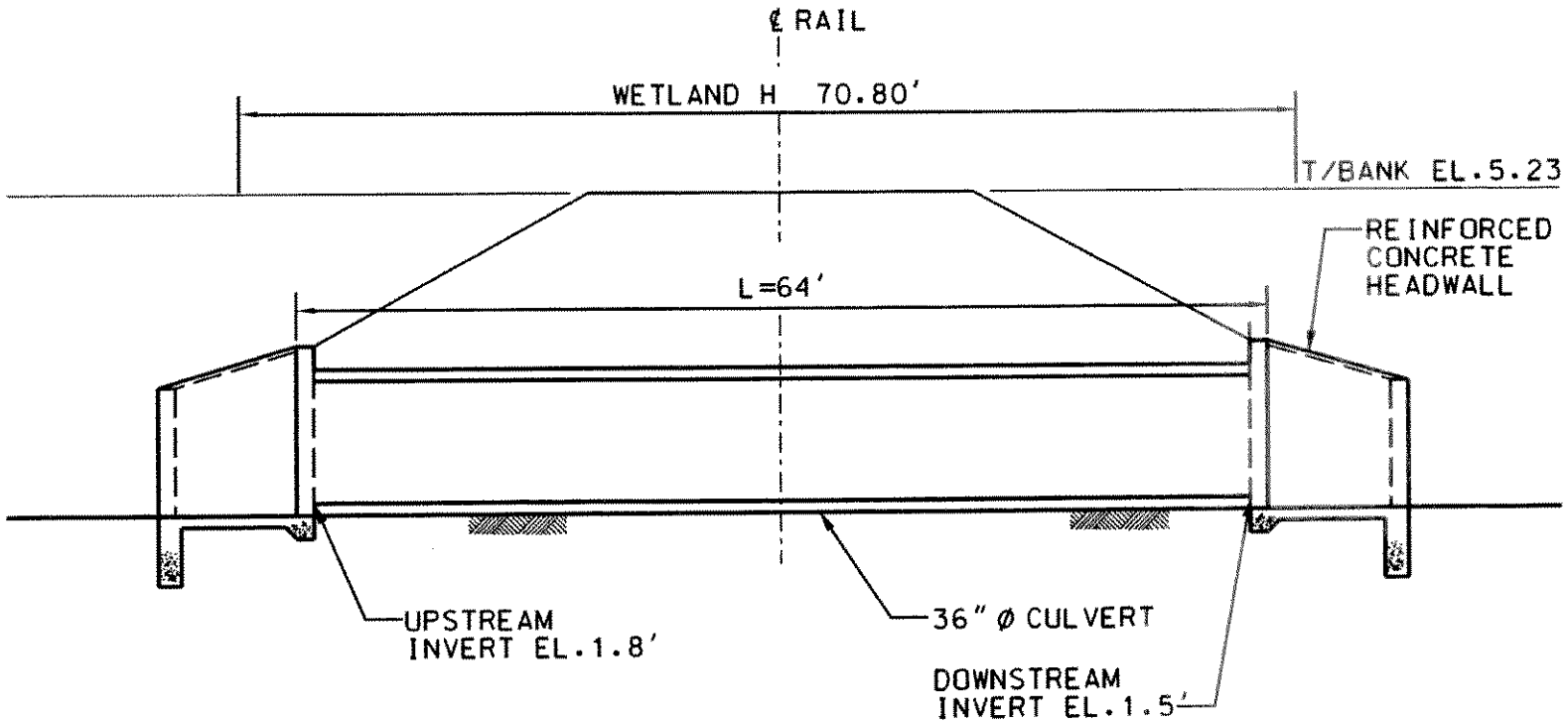

C-1 LOOKING WEST

N.T.S.
ELEVATIONS IN N.G.V.D.

FIGURE 19
CULVERT DETAIL SHEET-C-1
TAMPA ELECTRIC COMPANY
BIG BEND RAIL LOOP PROJECT PHASE II
SOURCE: SARGENT & LUNDY,LLC,2008;ECT,2008

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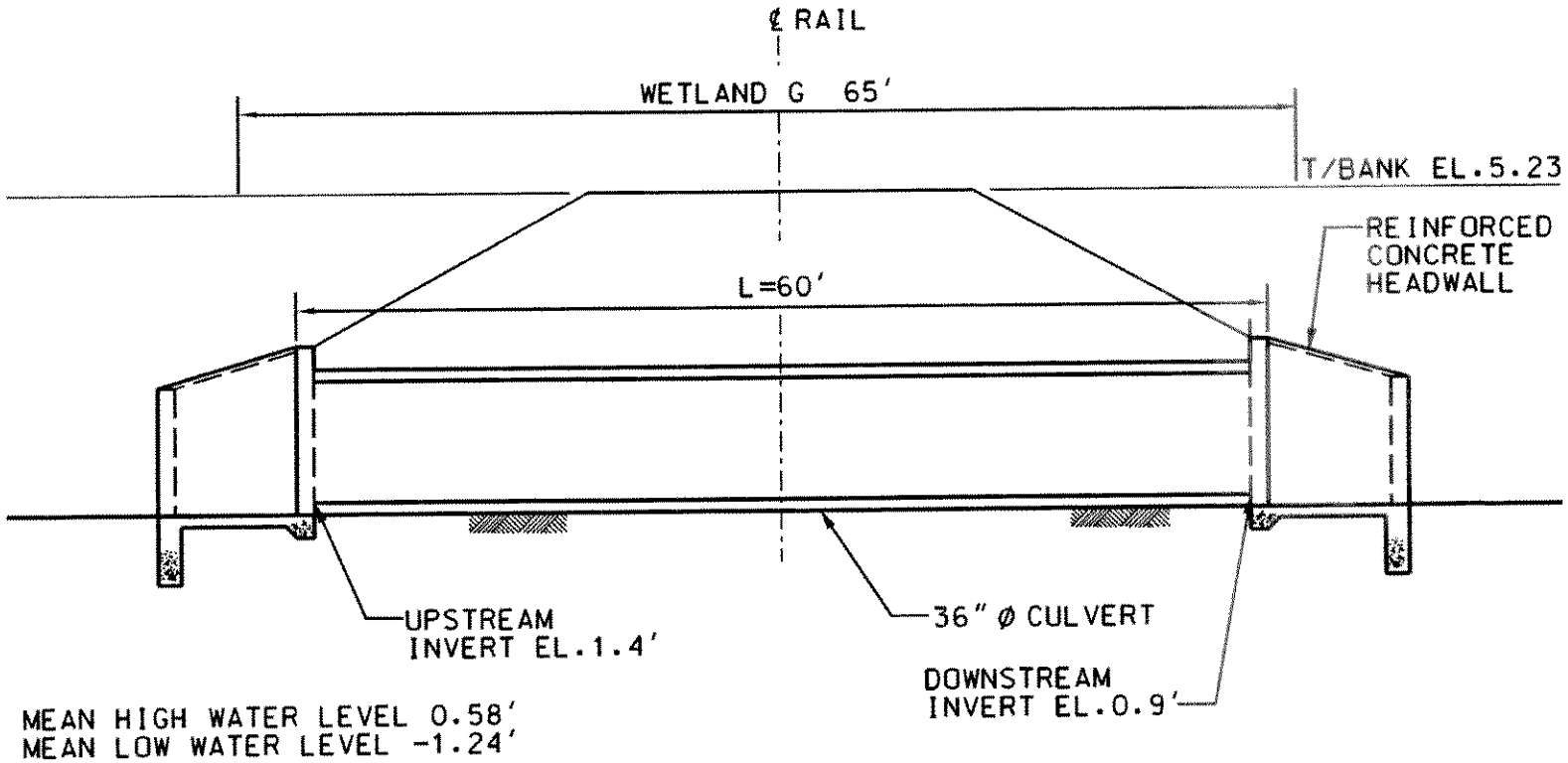

C-2 LOOKING WEST

N.T.S.
ELEVATIONS IN N.G.V.D.

FIGURE 20
CULVERT DETAIL SHEET-C-2
TAMPA ELECTRIC COMPANY
BIG BEND RAIL LOOP PROJECT PHASE II
SOURCE: SARGENT & LUNDY,LLC,2008;ECT,2008

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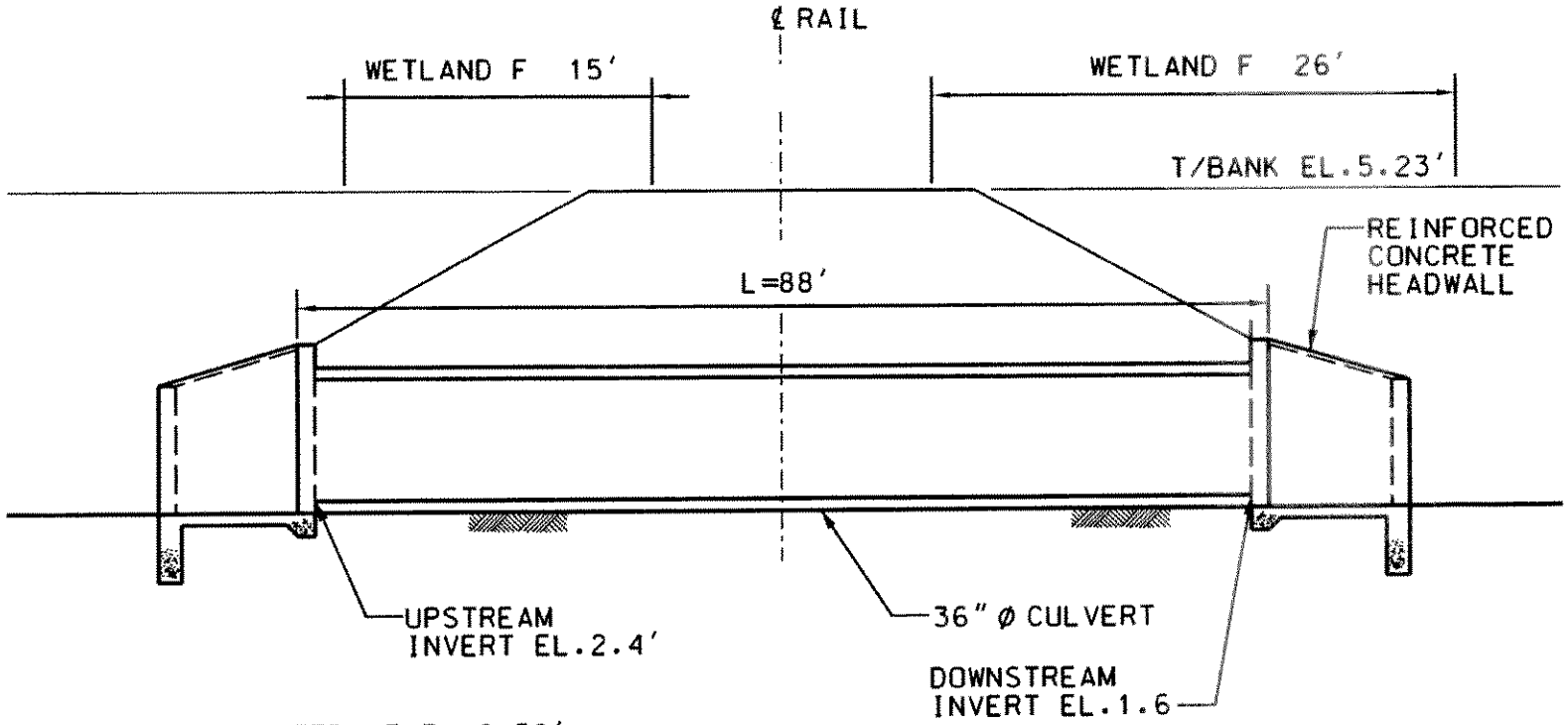

C-3 LOOKING WEST

N.T.S.
ELEVATIONS IN N.G.V.D.

FIGURE 21
CULVERT DETAIL SHEET-C-3
TAMPA ELECTRIC COMPANY
BIG BEND RAIL LOOP PROJECT PHASE II
SOURCE: SARGENT & LUNDY,LLC,2008;ECT,2008

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#52508

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TAMPA ELECTRIC

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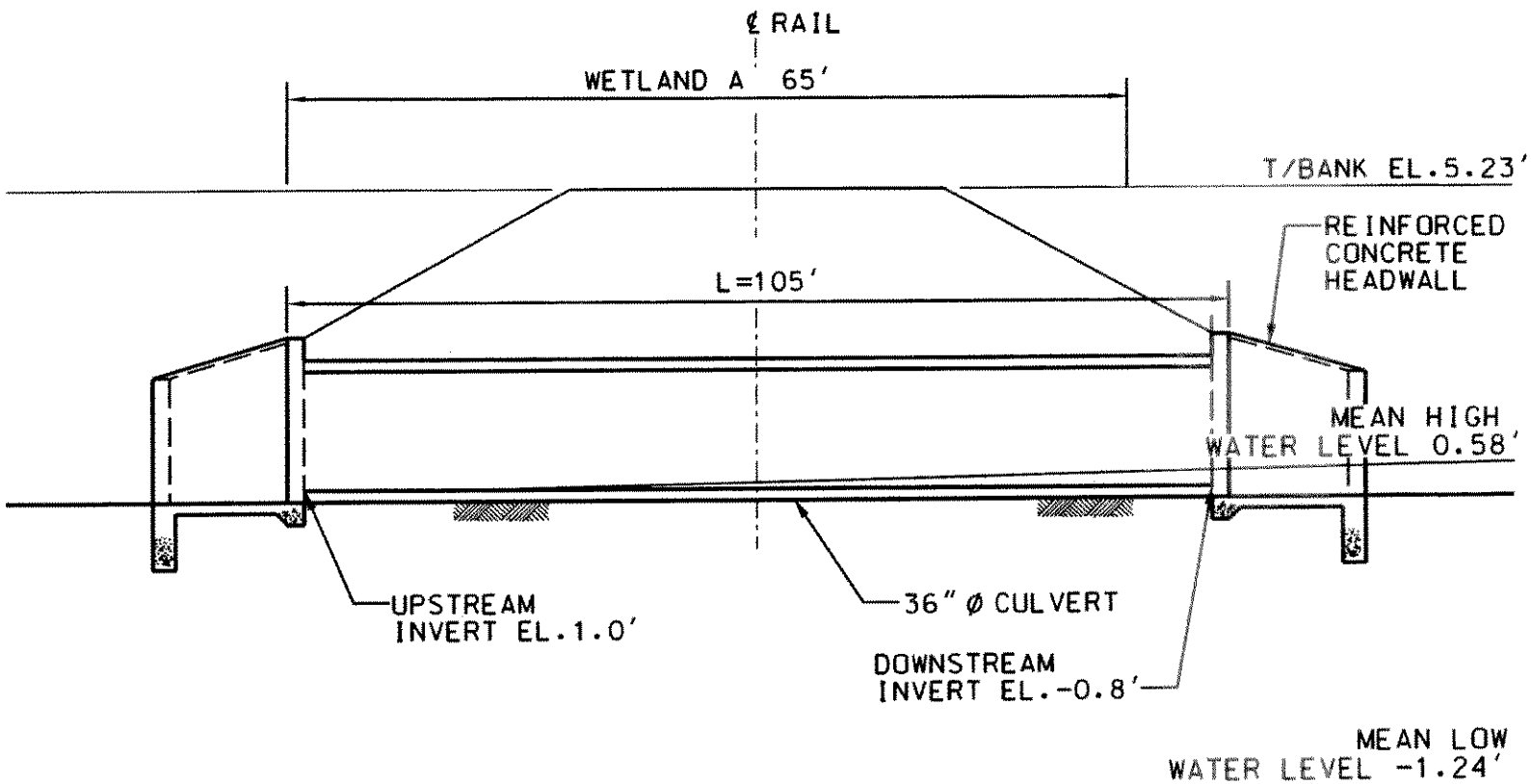

C-4 LOOKING WEST

N.T.S.
ELEVATIONS IN N.G.V.D.

FIGURE 22
CULVERT DETAIL SHEET-C-4
TAMPA ELECTRIC COMPANY
BIG BEND RAIL LOOP PROJECT PHASE II
SOURCE: SARGENT & LUNDY,LLC,2008;ECT,2008

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#52508

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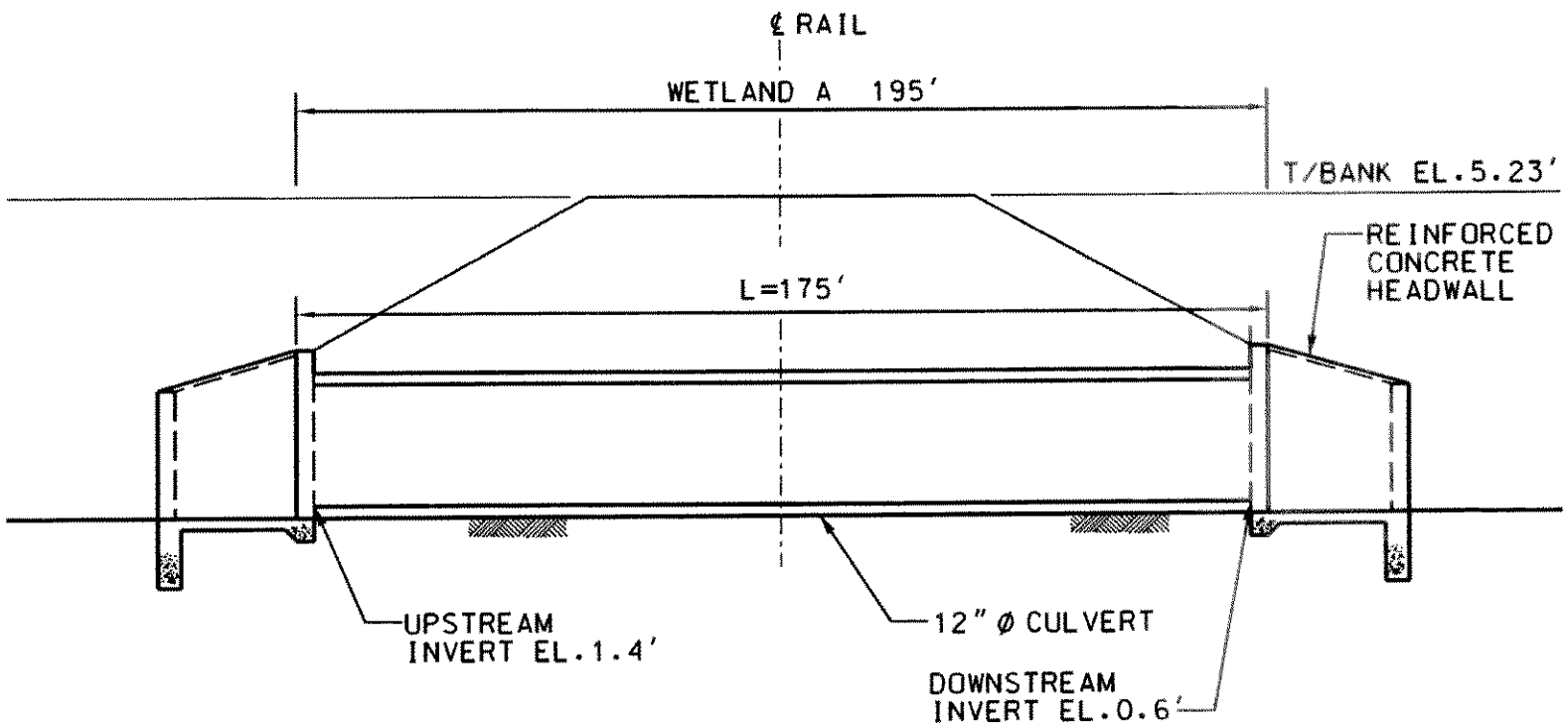

MEAN HIGH WATER LEVEL 0.58'
MEAN LOW WATER LEVEL -1.24'

C-5 LOOKING SOUTH

N.T.S.
ELEVATIONS IN N.G.V.D.

FIGURE 23
CULVERT DETAIL SHEET-C-5
TAMPA ELECTRIC COMPANY
BIG BEND RAIL LOOP PROJECT PHASE II
SOURCE: SARGENT & LUNDY,LLC,2008;ECT,2008

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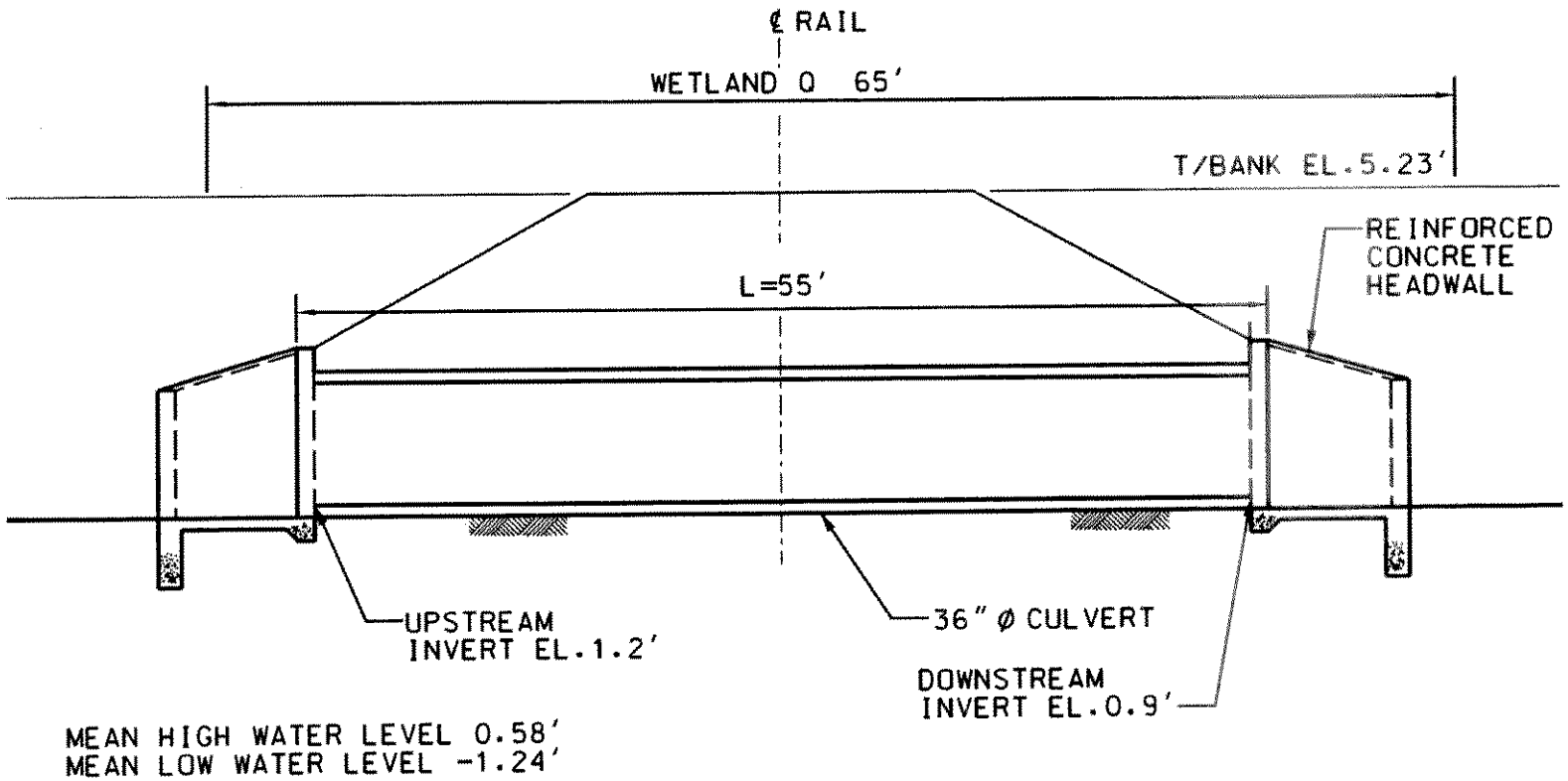

C-6 LOOKING SOUTH

N.T.S.
ELEVATIONS IN N.G.V.D.

FIGURE 24
CULVERT DETAIL SHEET-C-6
TAMPA ELECTRIC COMPANY
BIG BEND RAIL LOOP PROJECT PHASE II
SOURCE: SARGENT & LUNDY,LLC,2008;ECT,2008

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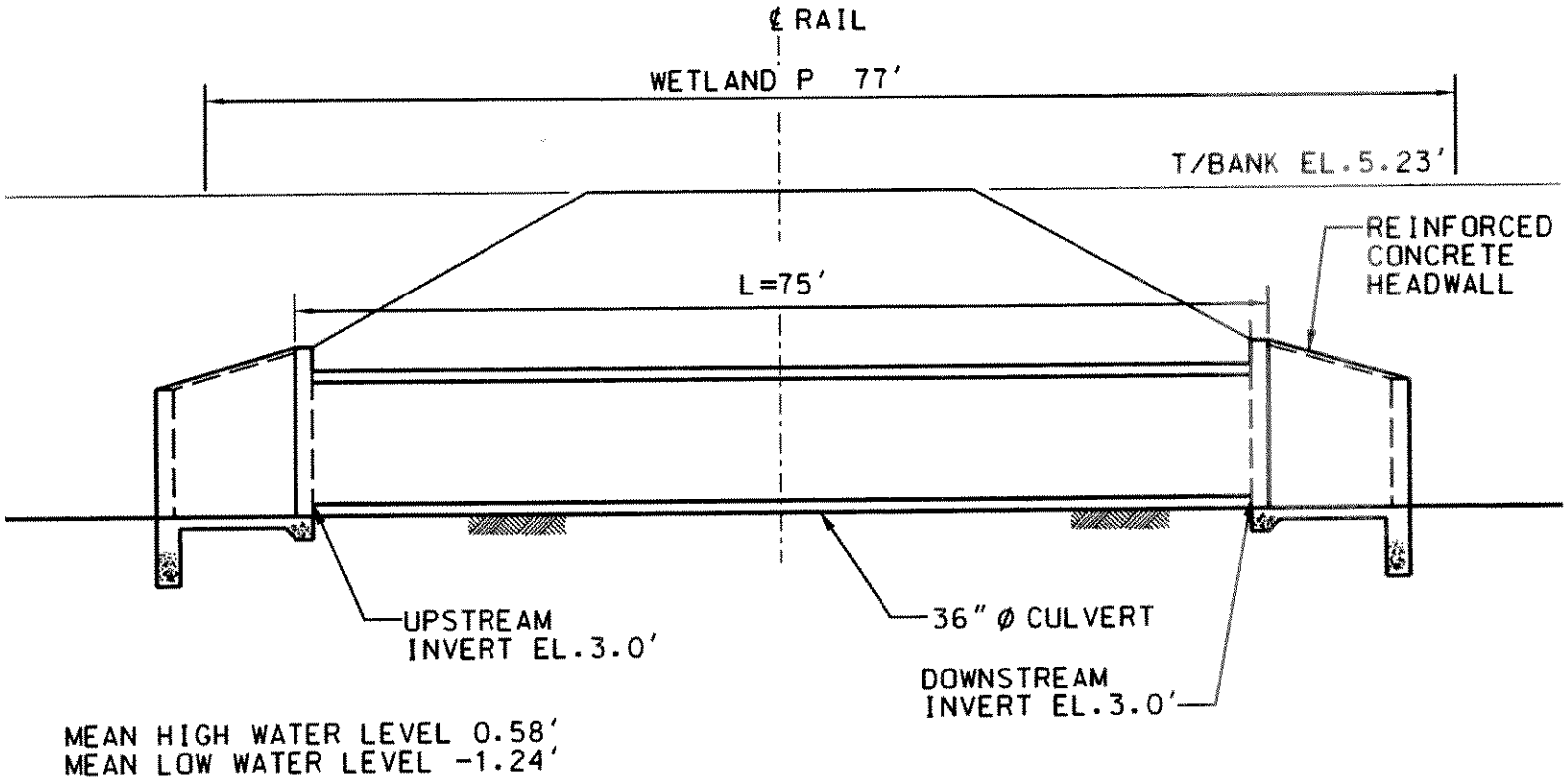

C-7 LOOKING SOUTH

N.T.S.
ELEVATIONS IN N.G.V.D.

FIGURE 25
CULVERT DETAIL SHEET-C-7
TAMPA ELECTRIC COMPANY
BIG BEND RAIL LOOP PROJECT PHASE II
SOURCE: SARGENT & LUNDY,LLC,2008;ECT,2008

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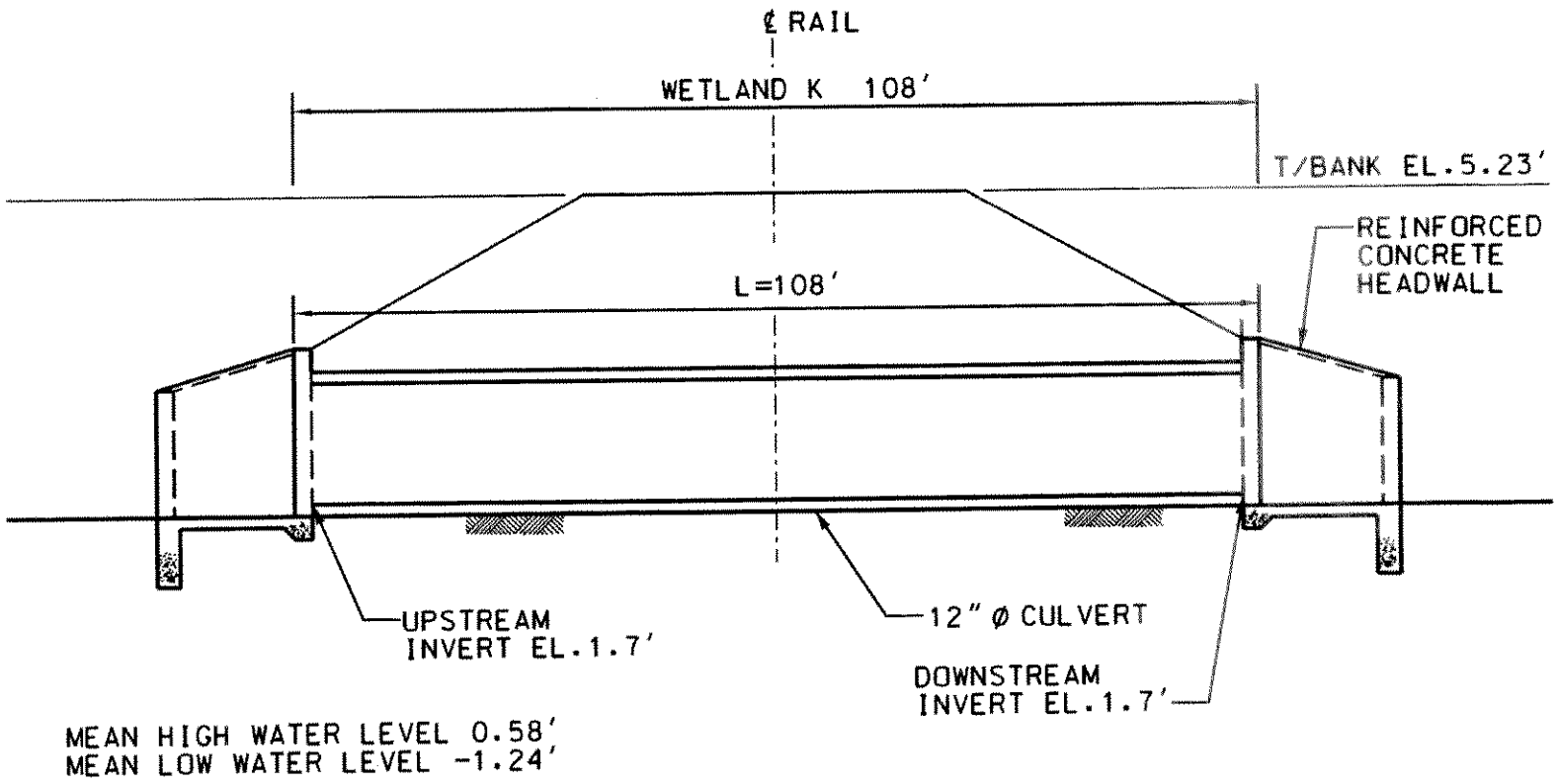

C-8 LOOKING EAST

N.T.S.
ELEVATIONS IN N.G.V.D.

FIGURE 26
CULVERT DETAIL SHEET-C-8
TAMPA ELECTRIC COMPANY
BIG BEND RAIL LOOP PROJECT PHASE II
SOURCE: SARGENT & LUNDY,LLC,2008;ECT,2008

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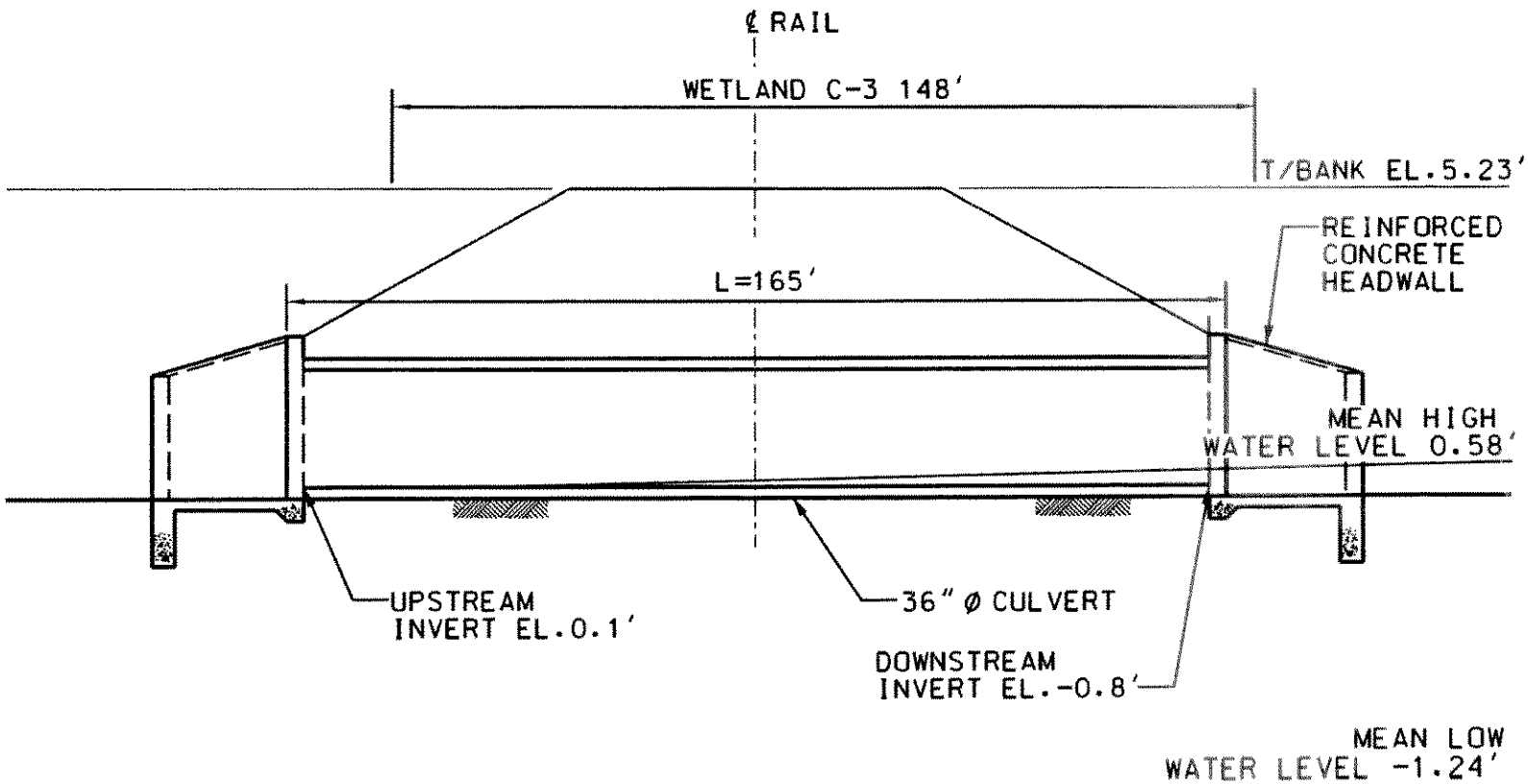

C-9 LOOKING WEST

N.T.S.
ELEVATIONS IN N.G.V.D.

FIGURE 27
CULVERT DETAIL SHEET-C-9
TAMPA ELECTRIC COMPANY
BIG BEND RAIL LOOP PROJECT PHASE II
SOURCE: SARGENT & LUNDY,LLC,2008;ECT,2008

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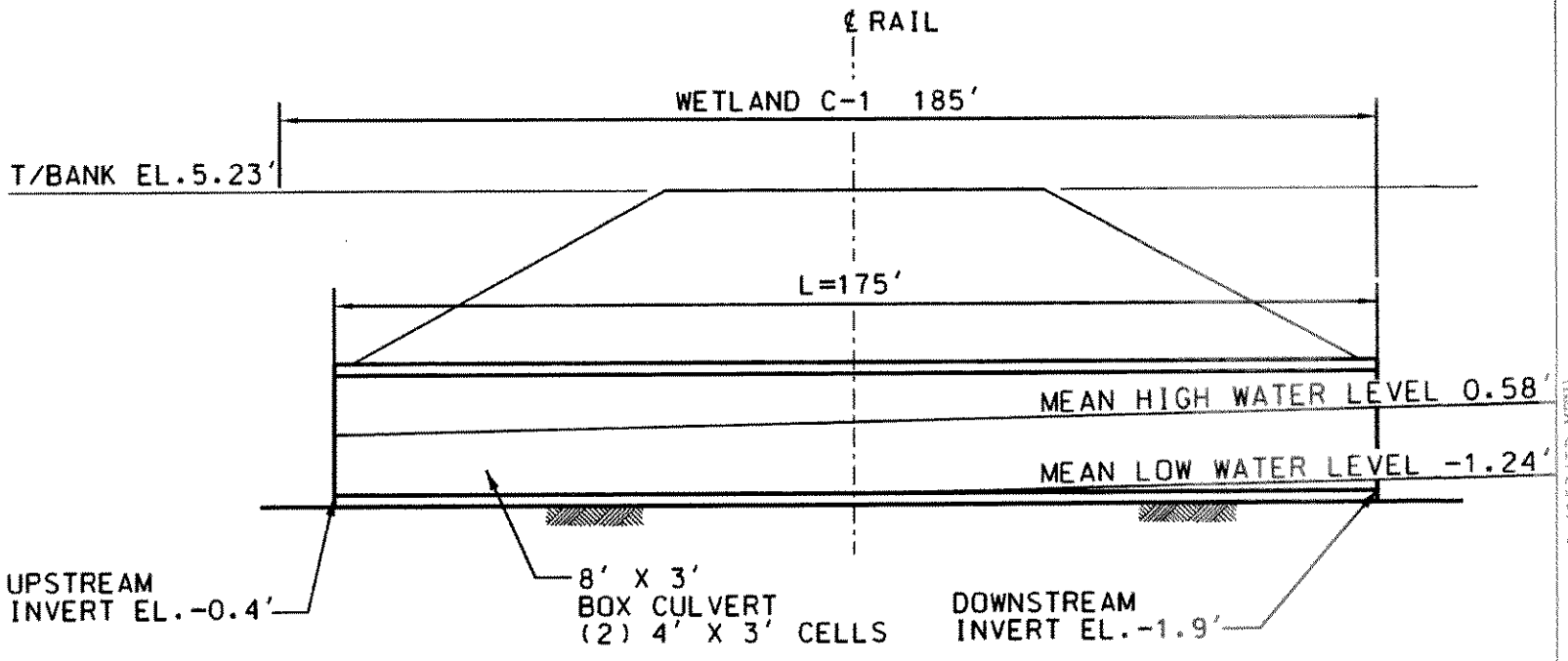

BC-1 LOOKING EAST

N.T.S.
ELEVATIONS IN N.G.V.D.

FIGURE 28
CULVERT DETAIL SHEET-BC-1
TAMPA ELECTRIC COMPANY
BIG BEND RAIL LOOP PROJECT PHASE II
SOURCE: SARGENT & LUNDY,LLC,2008;ECT,2008

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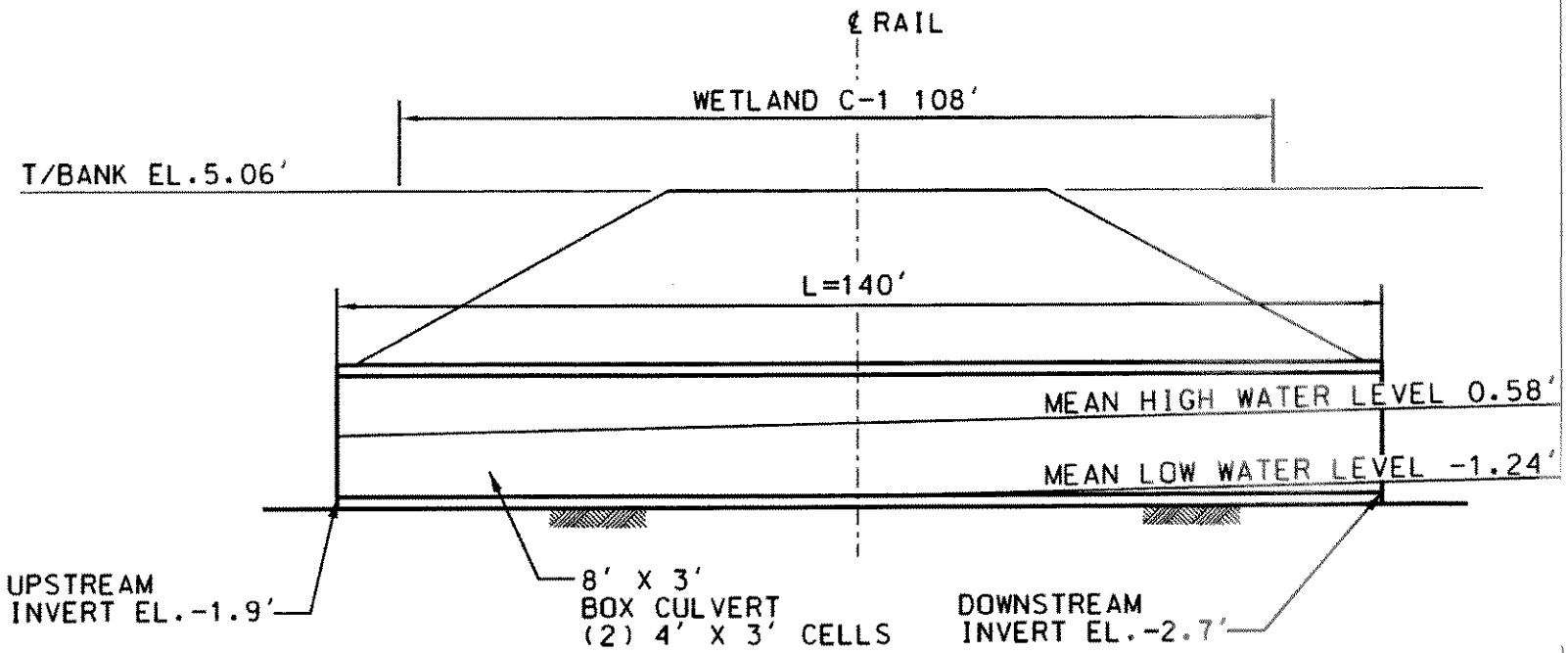

BC-2 LOOKING SOUTH

N.T.S.
ELEVATIONS IN N.G.V.D.

FIGURE 29
CULVERT DETAIL SHEET-BC-2
TAMPA ELECTRIC COMPANY
BIG BEND RAIL LOOP PROJECT PHASE II
SOURCE: SARGENT & LUNDY,LLC,2008;ECT,2008

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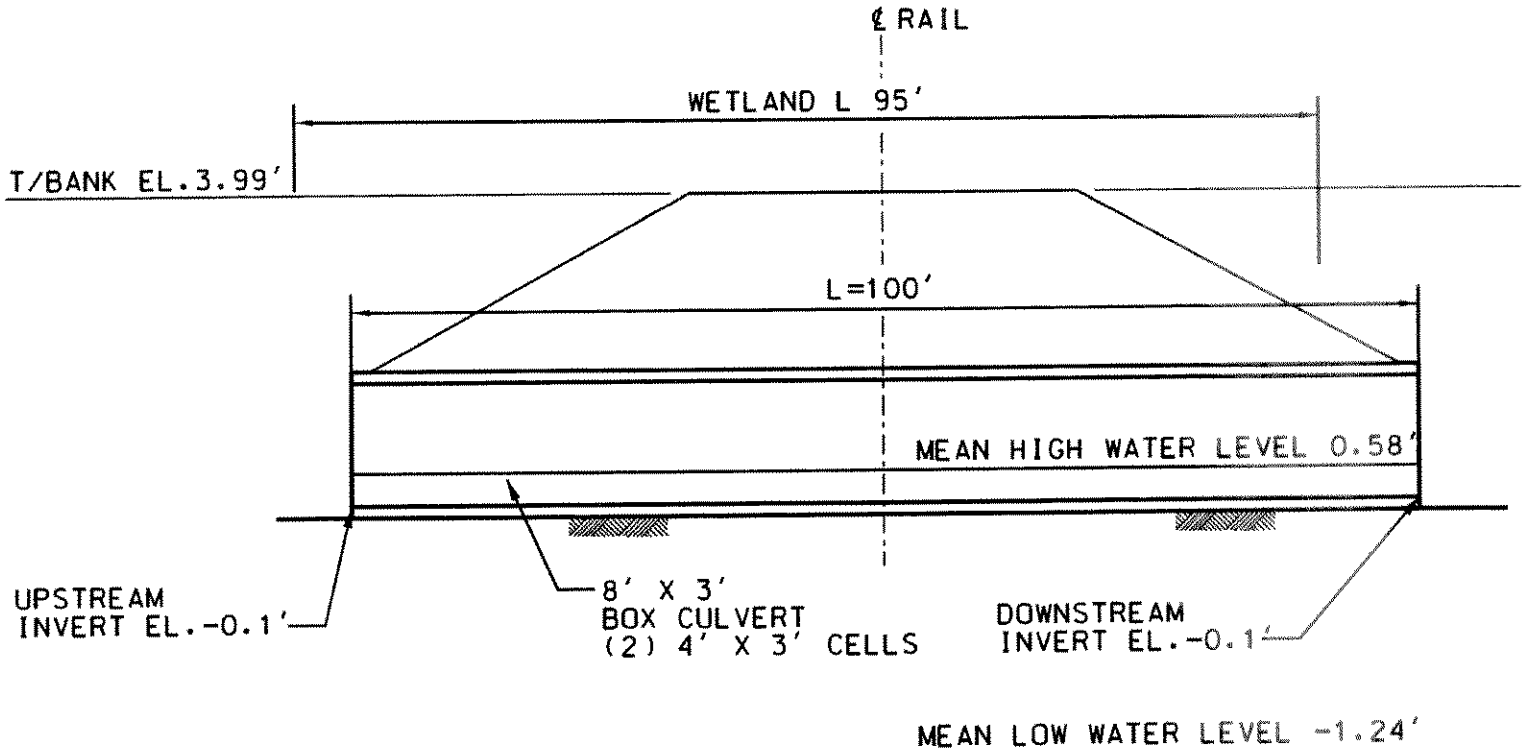

BC-3 LOOKING SOUTH

N.T.S.
ELEVATIONS IN N.G.V.D.

FIGURE 30
CULVERT DETAIL SHEET-BC-3
TAMPA ELECTRIC COMPANY
BIG BEND RAIL LOOP PROJECT PHASE II
SOURCE: SARGENT & LUNDY,LLC,2008;ECT,2008

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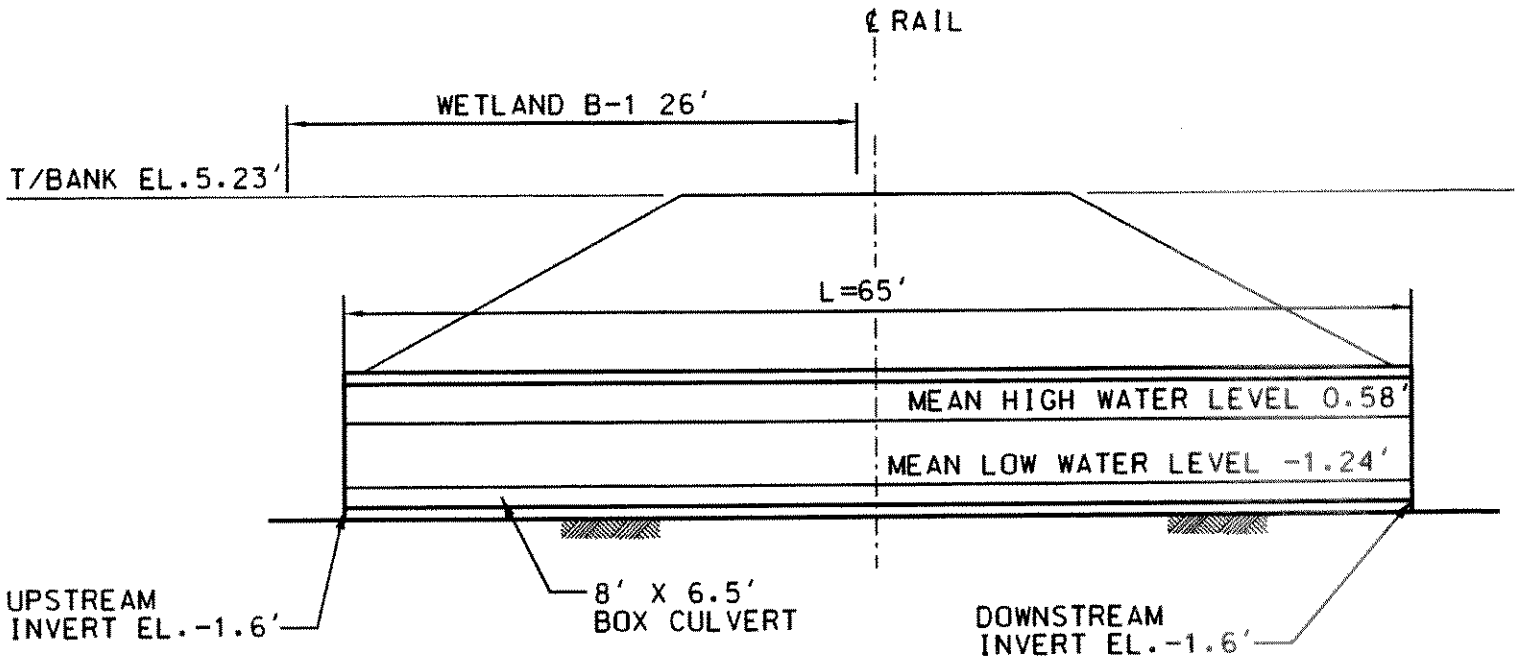

BOX CULVERT EXTENSION LOOKING SOUTH

N.T.S.
ELEVATIONS IN N.G.V.D.

FIGURE 31
CULVERT DETAIL SHEET-BOX CULVERT EXTENSION
TAMPA ELECTRIC COMPANY
BIG BEND RAIL LOOP PROJECT PHASE II
SOURCE: SARGENT & LUNDY,LLC,2008;ECT,2008

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