

JOINT
PUBLIC NOTICE

CHARLESTON DISTRICT, CORPS OF ENGINEERS

69A Hagood Avenue

Charleston, South Carolina 29403-5107

and the

S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

Office of Environmental Quality Control

Water Quality Certification and Wetlands Programs Section

2600 Bull Street

Columbia, South Carolina 29201

REGULATORY DIVISION

3 February 2006

Refer to: P/N #2005-1T-443

Pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403), and Sections 401 and 404 of the Clean Water Act (33 U.S.C. 1344), an application has been submitted to the Department of the Army and the S.C. Department of Health and Environmental Control by

**SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
POST OFFICE BOX 191
COLUMBIA, SOUTH CAROLINA 29202-0191**

for a permit to place fill material in wetlands adjacent and contiguous to the

SANTEE RIVER/UPPER LAKE MARION

at locations between Rimini and Lonestar in Clarendon and Calhoun Counties, South Carolina (Latitude 33° 39' 30" N, Longitude 80° 31' 30" W).

In order to give all interested parties an opportunity to express their views

NOTICE

is hereby given that written statements regarding the proposed work will be received by both of the above mentioned offices until

12 O'CLOCK NOON, MONDAY, 6 MARCH 2006

from those interested in the activity and whose interests may be affected by the proposed work.

The proposed work consists of constructing a new bridge across the upper reach of Lake Marion and the Santee River. A new at-grade roadway is also proposed to connect the proposed bridge to the local roadway system. The proposed project has an overall length of 9.2 miles and will require approximately 54 acres of right-of-way acquisition. The proposed bridge structure will span the entire 2.8 mile crossing of the upper Lake Marion floodplain on structure to avoid and/or minimize wetland and ecological impacts. No embankment is proposed within the 100-year floodplain. Approximately 10.18 acres of vegetative clearing will be required to construct the proposed bridge.

Construction of at-grade two-lane roadway will require permanent fill impacts to 2.903 acres of freshwater wetlands at seven (7) locations and vegetative clearing of 0.762 acre of freshwater wetlands. In addition, a total of 1.566 acres of excavation in wetlands will be required

for the roadway construction. The total wetland impacts proposed for excavation, fill, and vegetative clearing for roadway and bridge construction are 15.411 acres. On-site and in-kind mitigation alternatives have been identified for these impacts on lands currently owned by Santee-Cooper. In addition, the applicant states that mitigation could also be accomplished through debiting the SC DOT Black River Mitigation Bank—Clarendon County or through purchase of mitigation credits from Big Pinetree Creek Mitigation Bank—Sandhill. The project purpose, as stated by the applicant, is to promote, facilitate, and improve direct connectivity for the four-county region of Sumter, Clarendon, Calhoun and Orangeburg Counties, thereby improving levels of service on existing roads and providing an efficient route for public transportation.

NOTE: Plans depicting the work described in this notice are available and will be provided, upon receipt of a written request, to anyone that is interested in obtaining a copy of the plans for the specific project. The request must identify the project of interest by public notice number and a self-addressed stamped envelope must also be provided for mailing the drawings to you. Your request for drawings should be addressed to the

**U.S. Army Corps of Engineers
ATTN: REGULATORY DIVISION
69A Hagood Avenue
Charleston, South Carolina 29403-5107**

The District Engineer has concluded that the discharges associated with this project, both direct and indirect, should be reviewed by the South Carolina Department of Health and Environmental Control in accordance with provisions of Section 401 of the Clean Water Act. As such, this notice constitutes a request, on behalf of the applicant, for certification that this project will comply with applicable effluent limitations and water quality standards. The work shown on this application must also be certified as consistent with applicable provisions of the Coastal Zone Management Program (15 CFR 930). The District Engineer will not process this application to a conclusion until such certifications are received. The applicant is hereby advised that supplemental information may be required by the State to facilitate the review. Persons wishing to comment or object to Water Quality Certification must submit all comments in writing to the S.C. Department of Health and Environmental Control at the above address within thirty (30) days of the date of this notice.

The District Engineer has consulted the most recently available information and has made no determination of effect on any Federally endangered, threatened, or proposed species. This public notice serves as a request to the U.S. Fish and Wildlife Service and the National Marine Fisheries Service for any additional information they may have on whether any listed or proposed endangered or threatened species and/or designated or proposed critical habitat may be present in the area which would be affected by the activity, pursuant to Section 7(c) of the Endangered Species Act of 1973 (as amended).

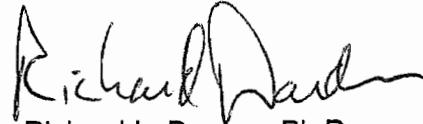
The District Engineer has consulted the latest published version of the National Register of Historic Places for the presence or absence of registered properties, or properties listed as being eligible for inclusion therein, and this worksite is not included as a registered property or property listed as being eligible for inclusion in the Register. Consultation of the National register constitutes the extent of cultural resource investigations by the District Engineer, and he is otherwise unaware of the presence of such resources. Presently unknown archaeological, scientific, prehistorical, or historical data may be lost or destroyed by the work to be accomplished under the requested permit.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for a public hearing shall state, with particularity, the reasons for holding a public hearing.

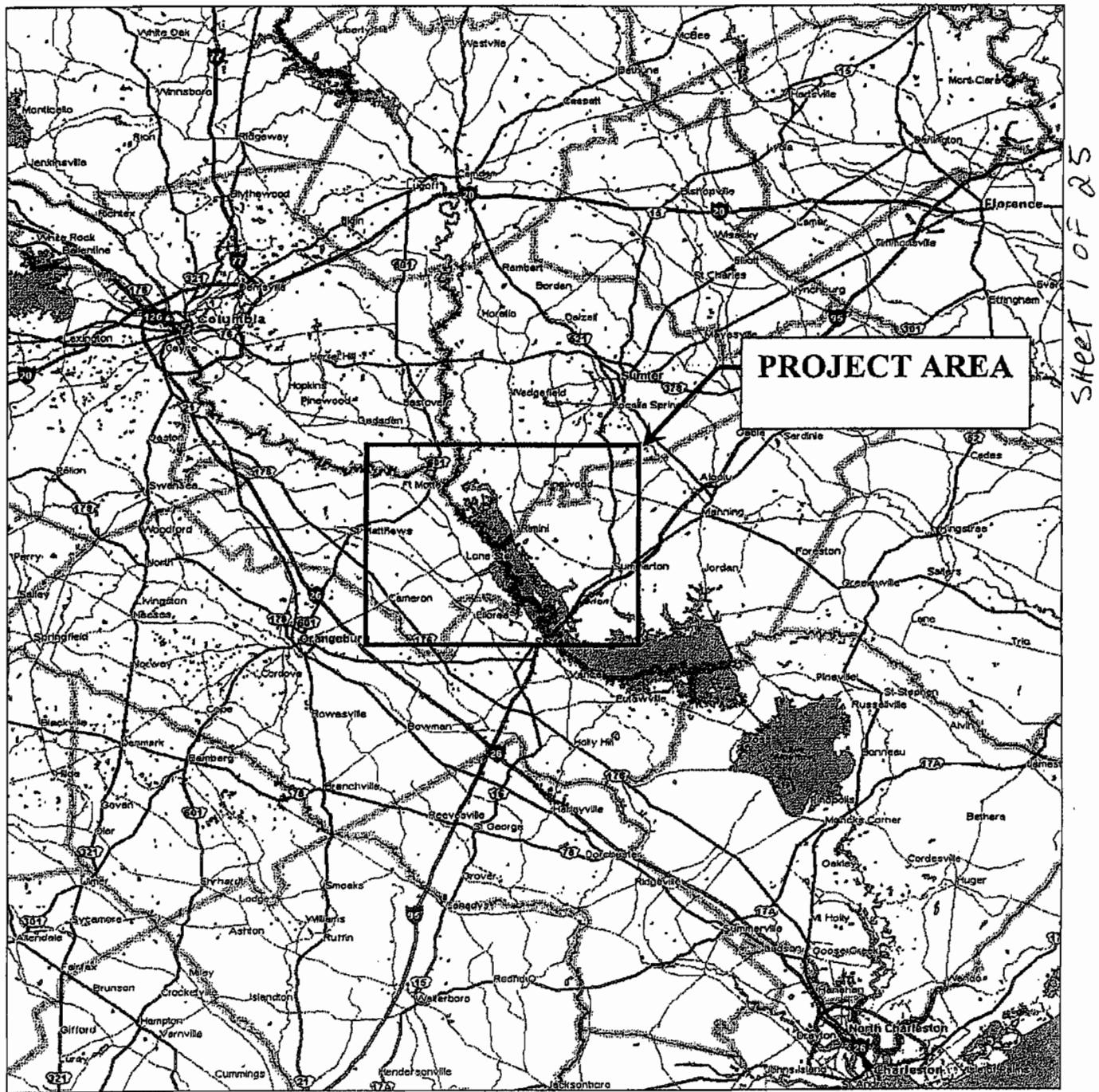
The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the activity on the public interest and will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency (EPA), under authority of Section 404(b) of the Clean Water Act and, as appropriate, the criteria established under authority of Section 102 of the Marine Protection, Research and Sanctuaries Act of 1972, as amended. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the project must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the project will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production and, in general, the needs and welfare of the people. A permit will be granted unless the District Engineer determines that it would be contrary to the public interest. In cases of conflicting property rights, the Corps of Engineers cannot undertake to adjudicate rival claims.

The Corps of Engineers 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 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 project. To make 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 activity.

If there are any questions concerning this public notice, please contact me at 843-329-8044 or toll free at 1-866-329-8187.



Richard L. Darden, Ph.D.
Project Manager
Regulatory Division
U.S. Army Corps of Engineers



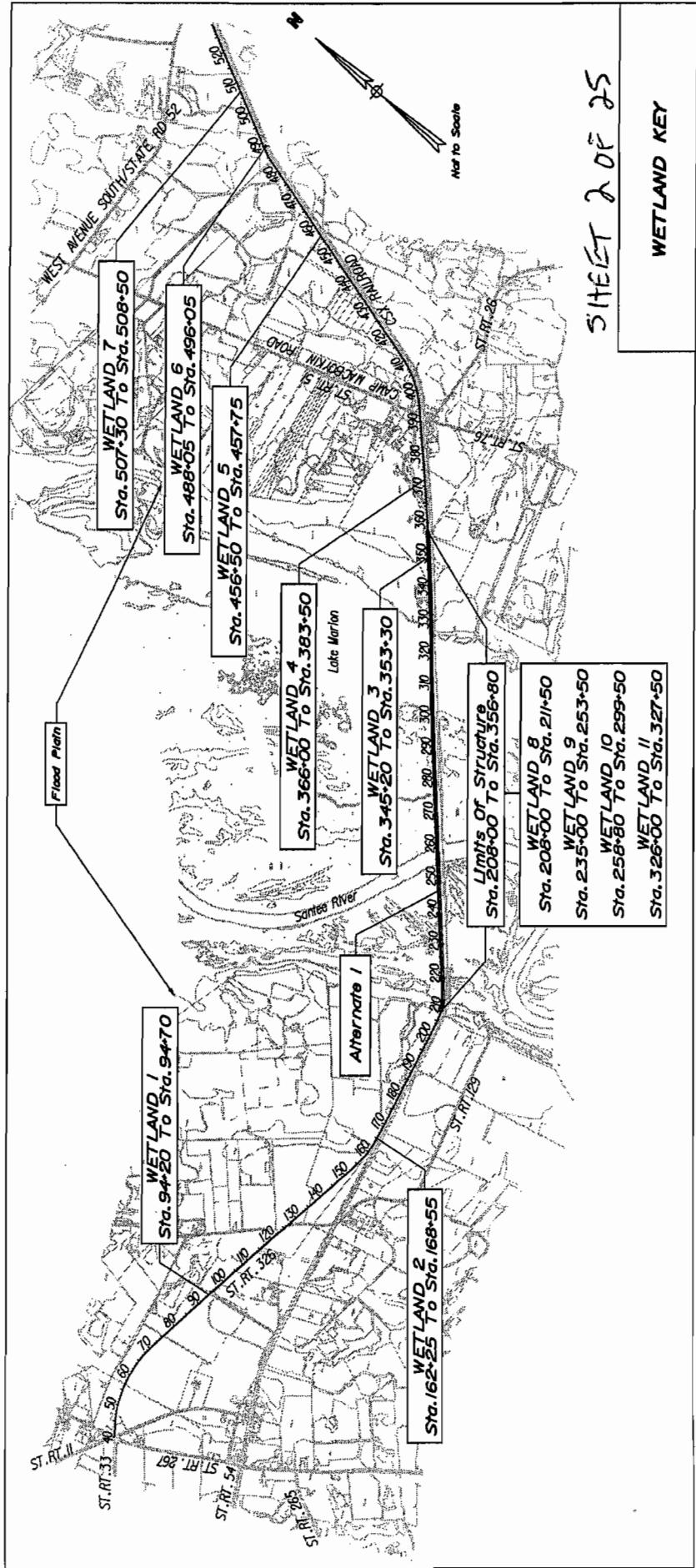
Project Location Map

NOT TO SCALE

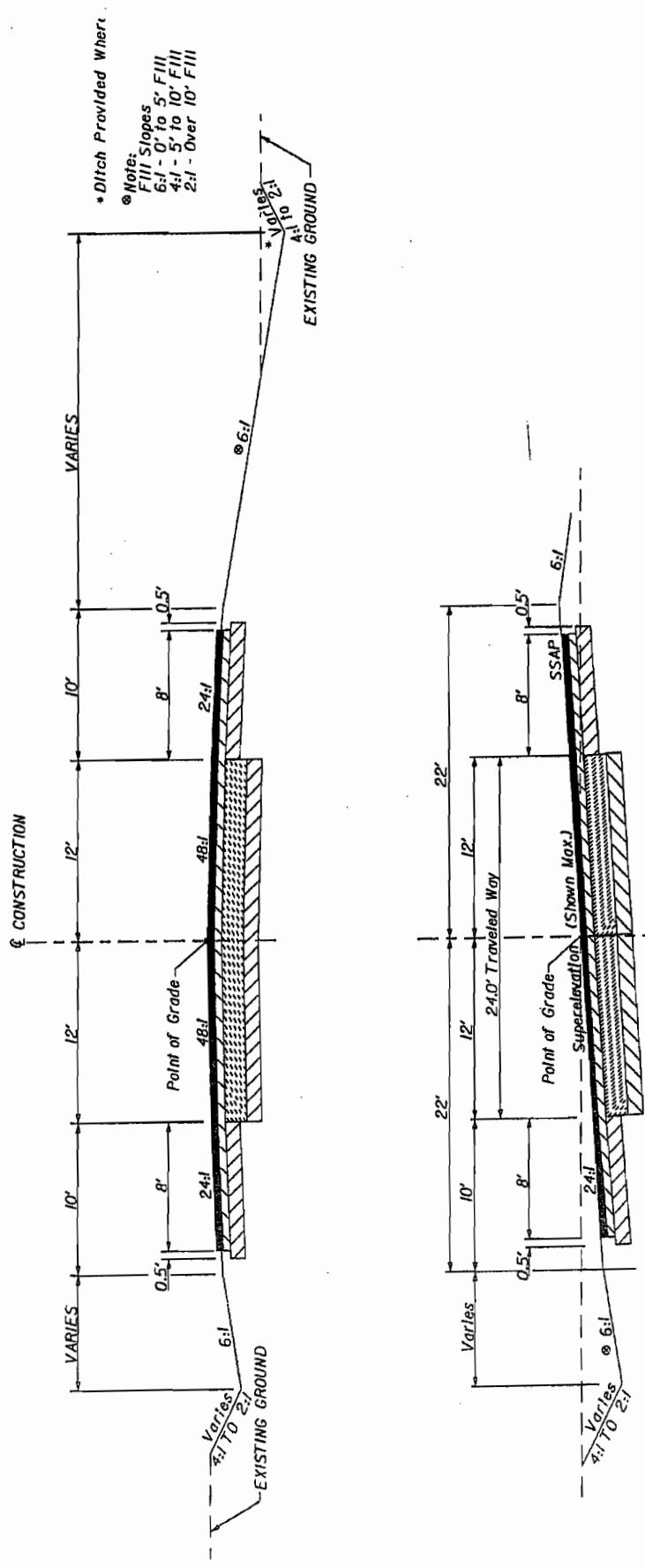


SC 33
Briggs - Delaine - Pearson Connector
Calhoun - Clarendon - Sumter Counties
SC Pin# 23647

SELECTED ALTERNATIVE



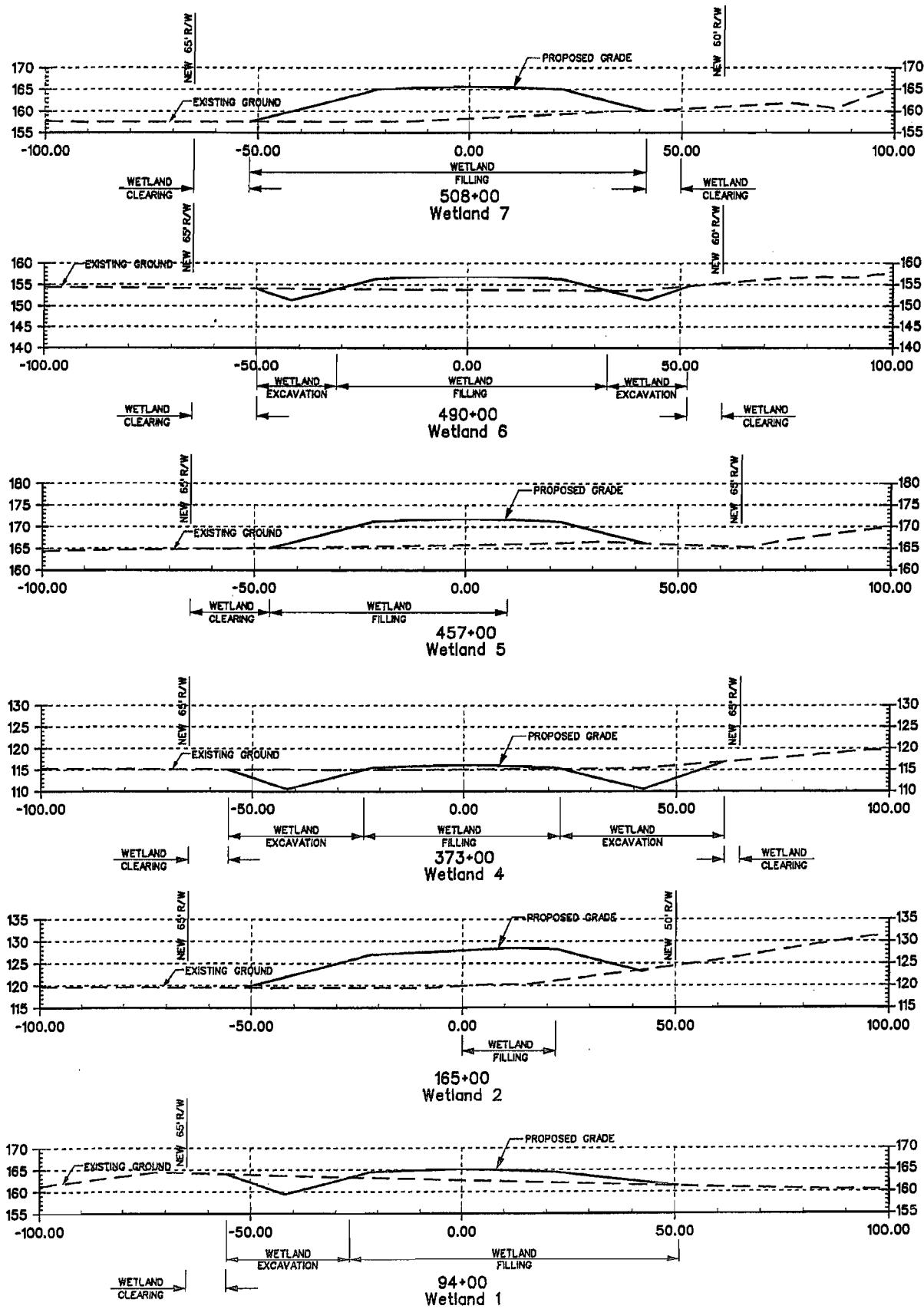
TYPIICAL SECTION



TYPICAL SECTION
FIGURE 2-4

SHEET 3 OF 25

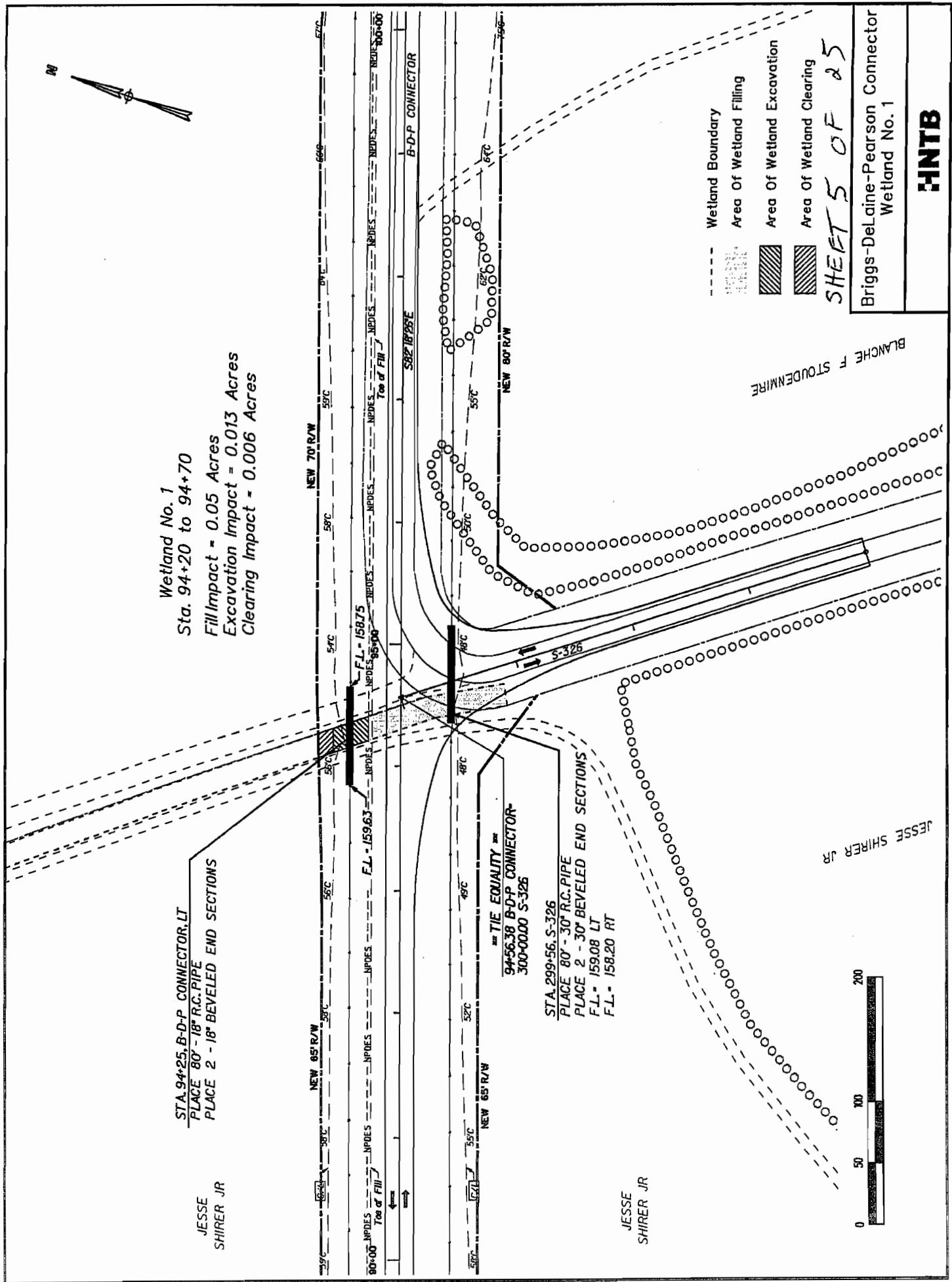
SHEET 4 OF 25



Briggs-DeLaine-Pearson Connector
Cross Sections At
Wetland Locations

NOT TO SCALE

HNTB



J D SHIRRER JR

Wetland No. 2
Sta. 162+25 to 168+55
PLACE 80' - 24" R.C. PIPE
- BEVELED END SECTIONS

STA. 162+15, B-D-P CONNECTOR LT
PLACE 80' - 24" R.C. PIPE
- BEVELED END SECTIONS

Sta. 162+25

Fill Impact - 0.200 Acres

Excavation Impact = 0.00 Acres

Clearing Impact = 0.006 Acres

LT

CONNECTOR

RT

NEW 65' RAW

NEEDS = 48F - NEEDS = 47A

F.L. = 122.49

Tan of Fill = 160.00

NEEDS = 49C - NEEDS = 48C

F.L. = 124.09

NEEDS = 50C - NEEDS = 49C

F.L. = 124.53

NEEDS = 51C - NEEDS = 50C

F.L. = 124.52

NEEDS = 52C - NEEDS = 51C

F.L. = 124.51

NEEDS = 53C - NEEDS = 52C

F.L. = 124.50

NEEDS = 54C - NEEDS = 53C

F.L. = 124.49

NEEDS = 55C - NEEDS = 54C

F.L. = 124.48

NEEDS = 56C - NEEDS = 55C

F.L. = 124.47

NEEDS = 57C - NEEDS = 56C

F.L. = 124.46

NEEDS = 58C - NEEDS = 57C

F.L. = 124.45

NEEDS = 59C - NEEDS = 58C

F.L. = 124.44

NEEDS = 60C - NEEDS = 59C

F.L. = 124.43

NEEDS = 61C - NEEDS = 60C

F.L. = 124.42

NEEDS = 62C - NEEDS = 61C

F.L. = 124.41

NEEDS = 63C - NEEDS = 62C

F.L. = 124.40

NEEDS = 64C - NEEDS = 63C

F.L. = 124.39

NEEDS = 65C - NEEDS = 64C

F.L. = 124.38

NEEDS = 66C - NEEDS = 65C

F.L. = 124.37

NEEDS = 67C - NEEDS = 66C

F.L. = 124.36

NEEDS = 68C - NEEDS = 67C

F.L. = 124.35

NEEDS = 69C - NEEDS = 68C

F.L. = 124.34

NEEDS = 70C - NEEDS = 69C

F.L. = 124.33

NEEDS = 71C - NEEDS = 70C

F.L. = 124.32

NEEDS = 72C - NEEDS = 71C

F.L. = 124.31

NEEDS = 73C - NEEDS = 72C

F.L. = 124.30

NEEDS = 74C - NEEDS = 73C

F.L. = 124.29

NEEDS = 75C - NEEDS = 74C

F.L. = 124.28

NEEDS = 76C - NEEDS = 75C

F.L. = 124.27

NEEDS = 77C - NEEDS = 76C

F.L. = 124.26

NEEDS = 78C - NEEDS = 77C

F.L. = 124.25

NEEDS = 79C - NEEDS = 78C

F.L. = 124.24

NEEDS = 80C - NEEDS = 79C

F.L. = 124.23

NEEDS = 81C - NEEDS = 80C

F.L. = 124.22

NEEDS = 82C - NEEDS = 81C

F.L. = 124.21

NEEDS = 83C - NEEDS = 82C

F.L. = 124.20

NEEDS = 84C - NEEDS = 83C

F.L. = 124.19

NEEDS = 85C - NEEDS = 84C

F.L. = 124.18

NEEDS = 86C - NEEDS = 85C

F.L. = 124.17

NEEDS = 87C - NEEDS = 86C

F.L. = 124.16

NEEDS = 88C - NEEDS = 87C

F.L. = 124.15

NEEDS = 89C - NEEDS = 88C

F.L. = 124.14

NEEDS = 90C - NEEDS = 89C

F.L. = 124.13

NEEDS = 91C - NEEDS = 90C

F.L. = 124.12

NEEDS = 92C - NEEDS = 91C

F.L. = 124.11

NEEDS = 93C - NEEDS = 92C

F.L. = 124.10

NEEDS = 94C - NEEDS = 93C

F.L. = 124.09

NEEDS = 95C - NEEDS = 94C

F.L. = 124.08

NEEDS = 96C - NEEDS = 95C

F.L. = 124.07

NEEDS = 97C - NEEDS = 96C

F.L. = 124.06

NEEDS = 98C - NEEDS = 97C

F.L. = 124.05

NEEDS = 99C - NEEDS = 98C

F.L. = 124.04

NEEDS = 100C - NEEDS = 99C

F.L. = 124.03

NEEDS = 101C - NEEDS = 100C

F.L. = 124.02

NEEDS = 102C - NEEDS = 101C

F.L. = 124.01

NEEDS = 103C - NEEDS = 102C

F.L. = 124.00

NEEDS = 104C - NEEDS = 103C

F.L. = 124.00

NEEDS = 105C - NEEDS = 104C

F.L. = 124.00

NEEDS = 106C - NEEDS = 105C

F.L. = 124.00

NEEDS = 107C - NEEDS = 106C

F.L. = 124.00

NEEDS = 108C - NEEDS = 107C

F.L. = 124.00

NEEDS = 109C - NEEDS = 108C

F.L. = 124.00

NEEDS = 110C - NEEDS = 109C

F.L. = 124.00

NEEDS = 111C - NEEDS = 110C

F.L. = 124.00

NEEDS = 112C - NEEDS = 111C

F.L. = 124.00

NEEDS = 113C - NEEDS = 112C

F.L. = 124.00

NEEDS = 114C - NEEDS = 113C

F.L. = 124.00

NEEDS = 115C - NEEDS = 114C

F.L. = 124.00

NEEDS = 116C - NEEDS = 115C

F.L. = 124.00

NEEDS = 117C - NEEDS = 116C

F.L. = 124.00

NEEDS = 118C - NEEDS = 117C

F.L. = 124.00

NEEDS = 119C - NEEDS = 118C

F.L. = 124.00

NEEDS = 120C - NEEDS = 119C

F.L. = 124.00

NEEDS = 121C - NEEDS = 120C

F.L. = 124.00

NEEDS = 122C - NEEDS = 121C

F.L. = 124.00

NEEDS = 123C - NEEDS = 122C

F.L. = 124.00

NEEDS = 124C - NEEDS = 123C

F.L. = 124.00

NEEDS = 125C - NEEDS = 124C

F.L. = 124.00

NEEDS = 126C - NEEDS = 125C

F.L. = 124.00

NEEDS = 127C - NEEDS = 126C

F.L. = 124.00

NEEDS = 128C - NEEDS = 127C

F.L. = 124.00

NEEDS = 129C - NEEDS = 128C

F.L. = 124.00

NEEDS = 130C - NEEDS = 129C

F.L. = 124.00

NEEDS = 131C - NEEDS = 130C

F.L. = 124.00

NEEDS = 132C - NEEDS = 131C

F.L. = 124.00

NEEDS = 133C - NEEDS = 132C

F.L. = 124.00

NEEDS = 134C - NEEDS = 133C

F.L. = 124.00

NEEDS = 135C - NEEDS = 134C

F.L. = 124.00

NEEDS = 136C - NEEDS = 135C

F.L. = 124.00

NEEDS = 137C - NEEDS = 136C

F.L. = 124.00

NEEDS = 138C - NEEDS = 137C

F.L. = 124.00

NEEDS = 139C - NEEDS = 138C

F.L. = 124.00

NEEDS = 140C - NEEDS = 139C

F.L. = 124.00

NEEDS = 141C - NEEDS = 140C

F.L. = 124.00

NEEDS = 142C - NEEDS = 141C

F.L. = 124.00

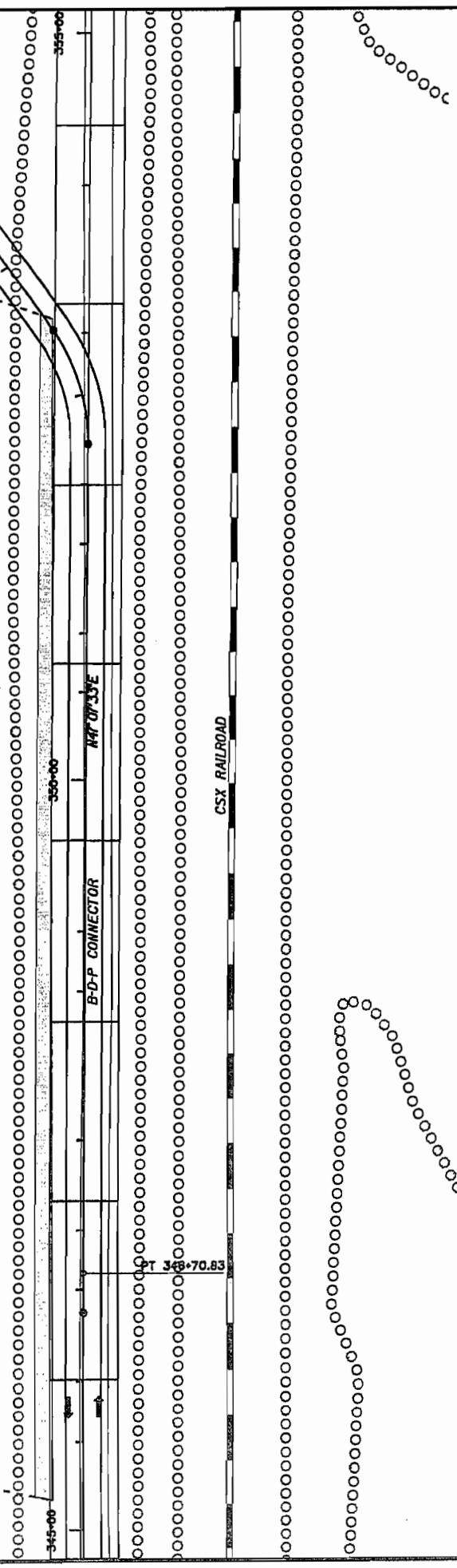
NEEDS = 143C - NEEDS = 142C

F.L. = 124.00

NEEDS = 144C - NEEDS = 143C

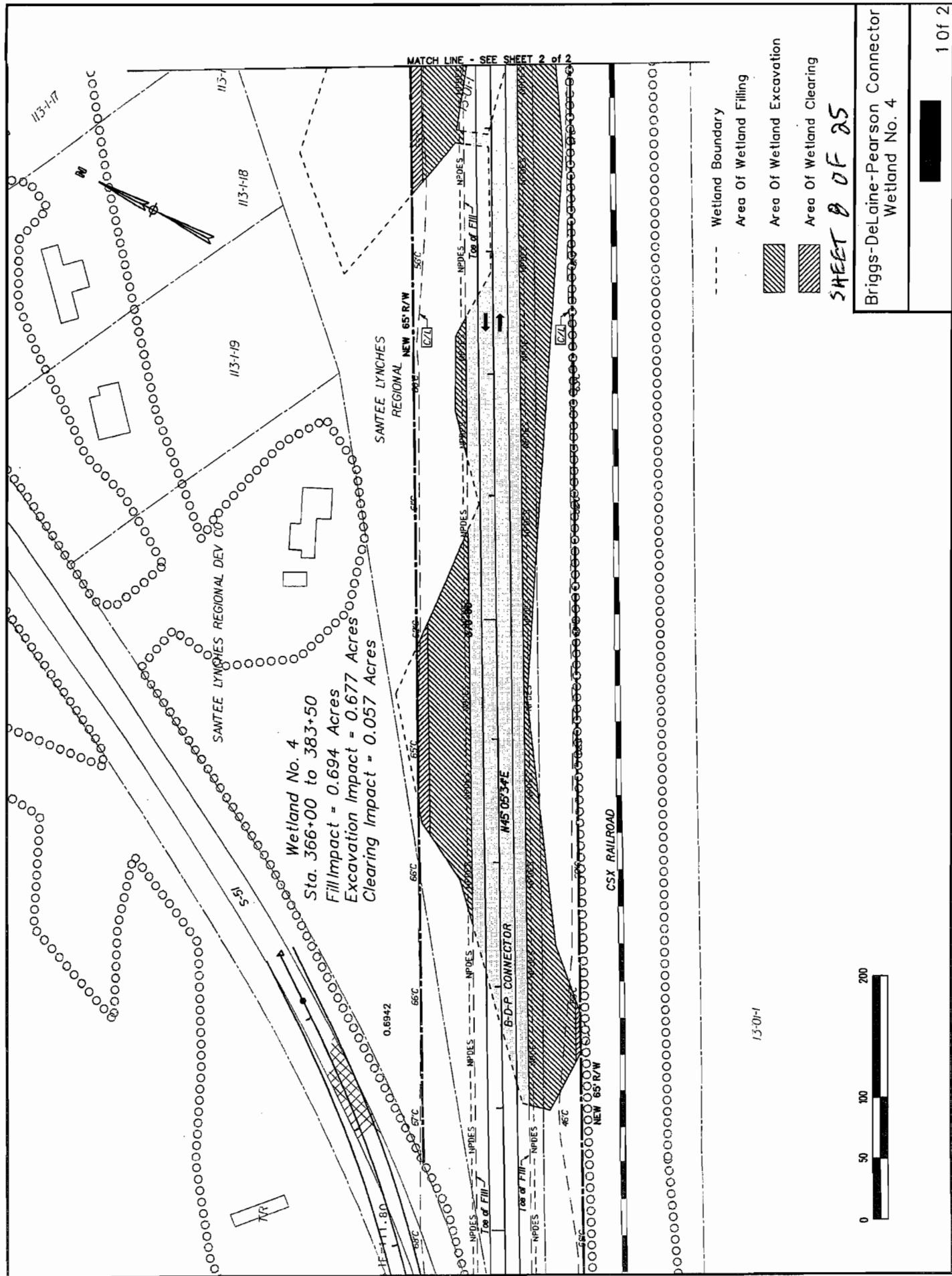
F.L. = 1

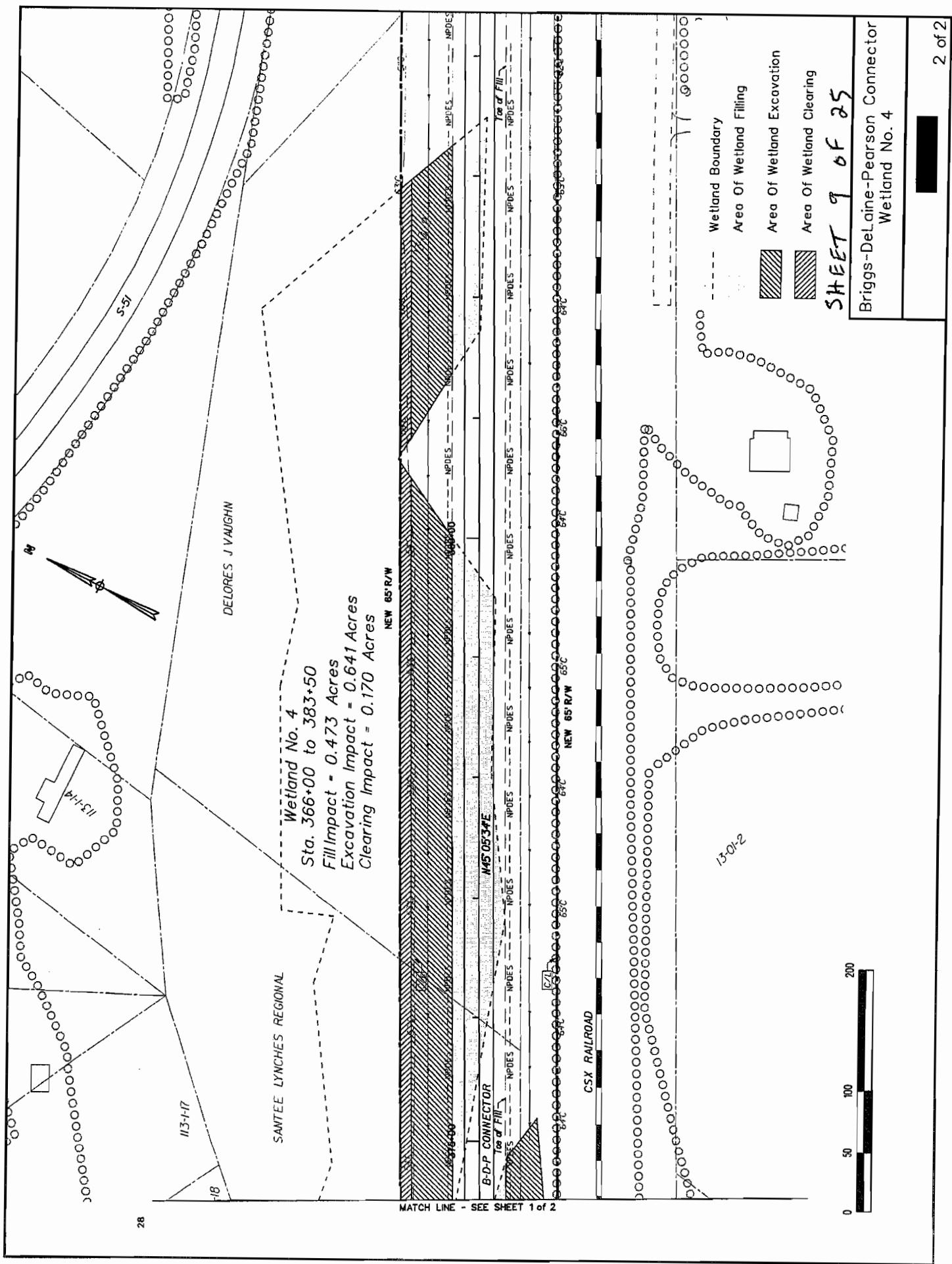
Wetland No. 3
Sta. 345+20 to 353+30
Fill Impact - 0.000 Acres
Excavation Impact - 0.00 Acres
Clearing Impact - 0.186 Acres

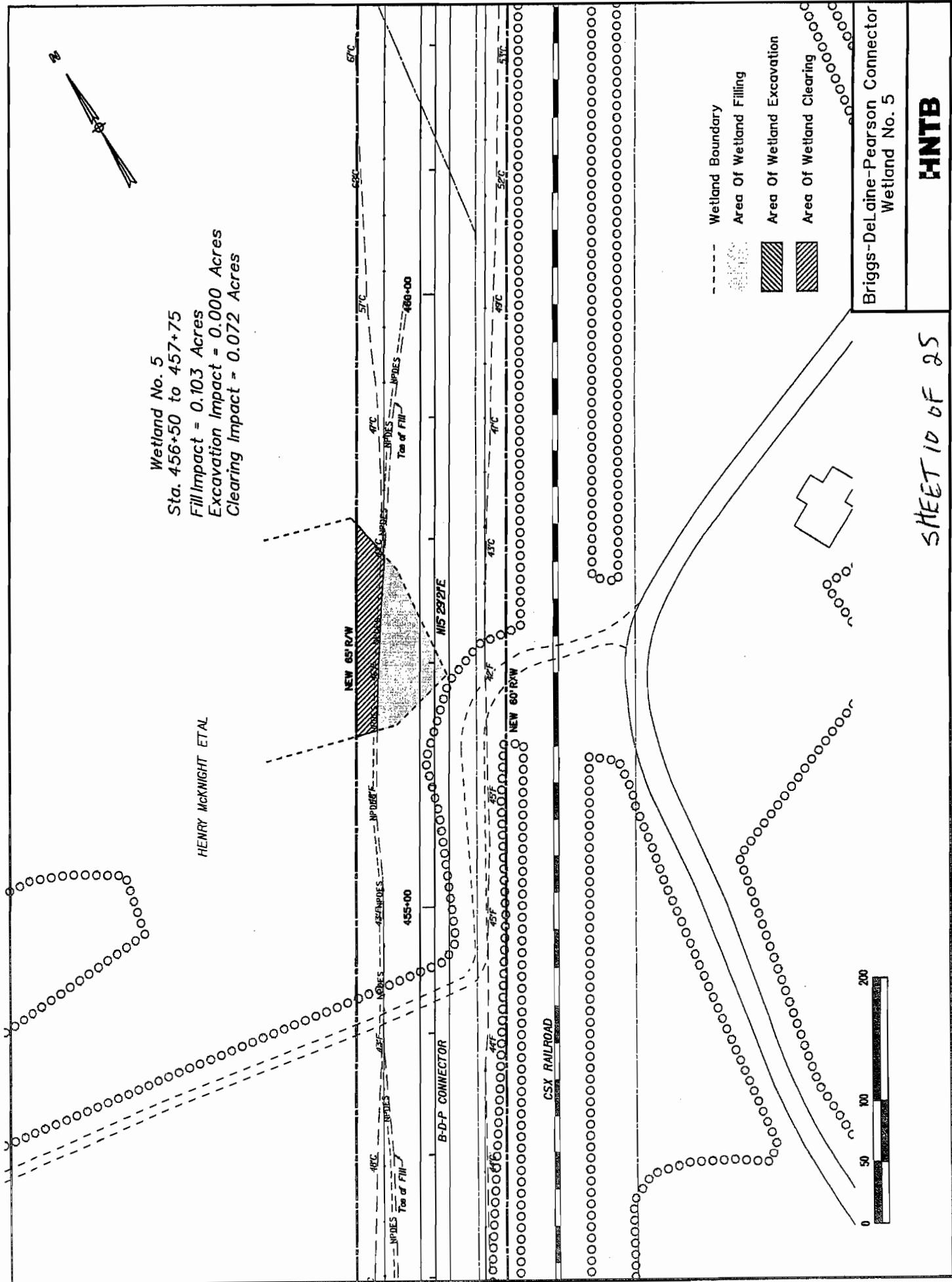


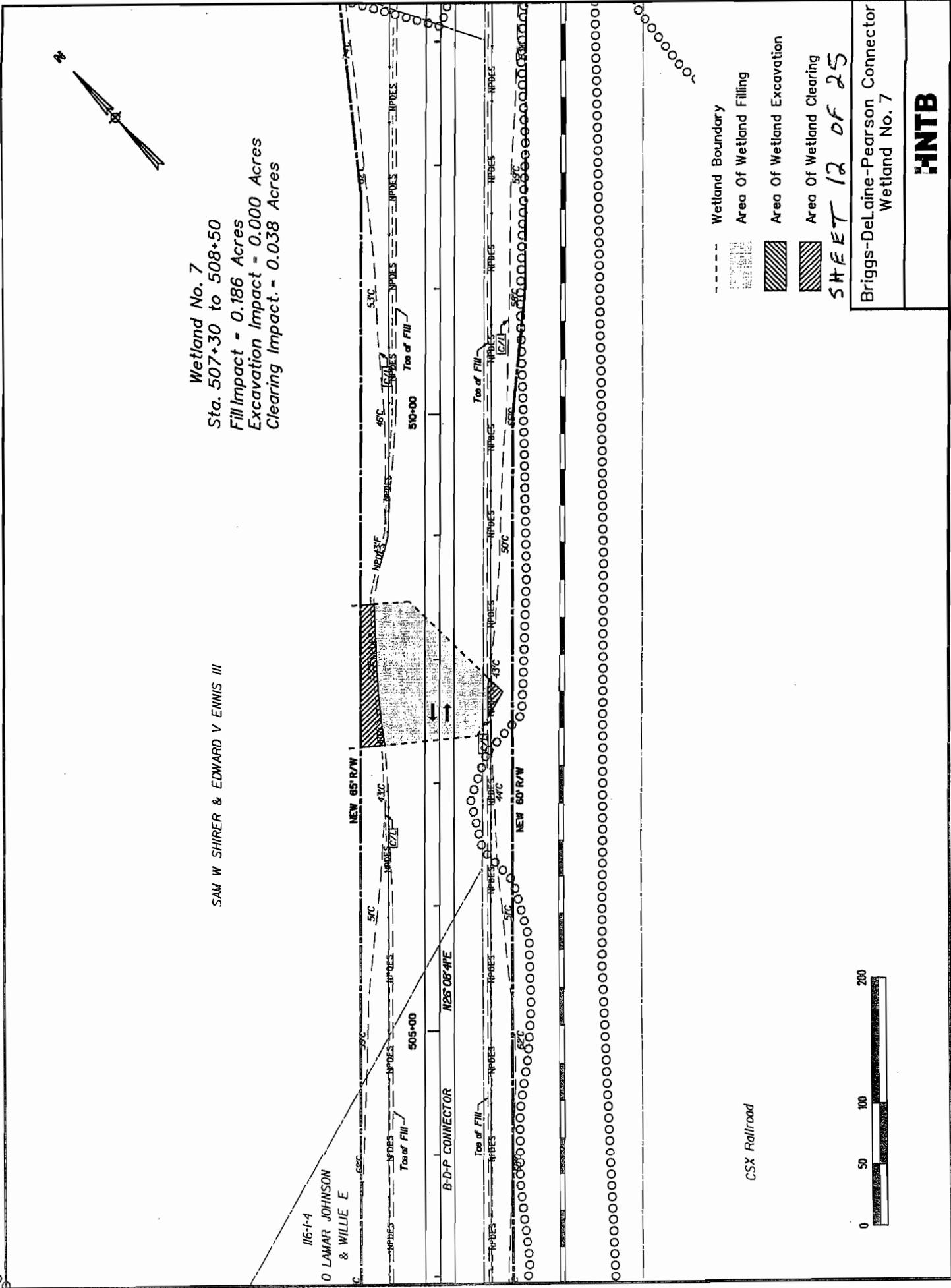
Wetland Boundary
Area Of Wetland Filling
Area Of Wetland Excavation
Area Of Wetland Clearing
SH EET 7 OF 25
Briggs-Delaine-Pearson Connector
Wetland No. 3

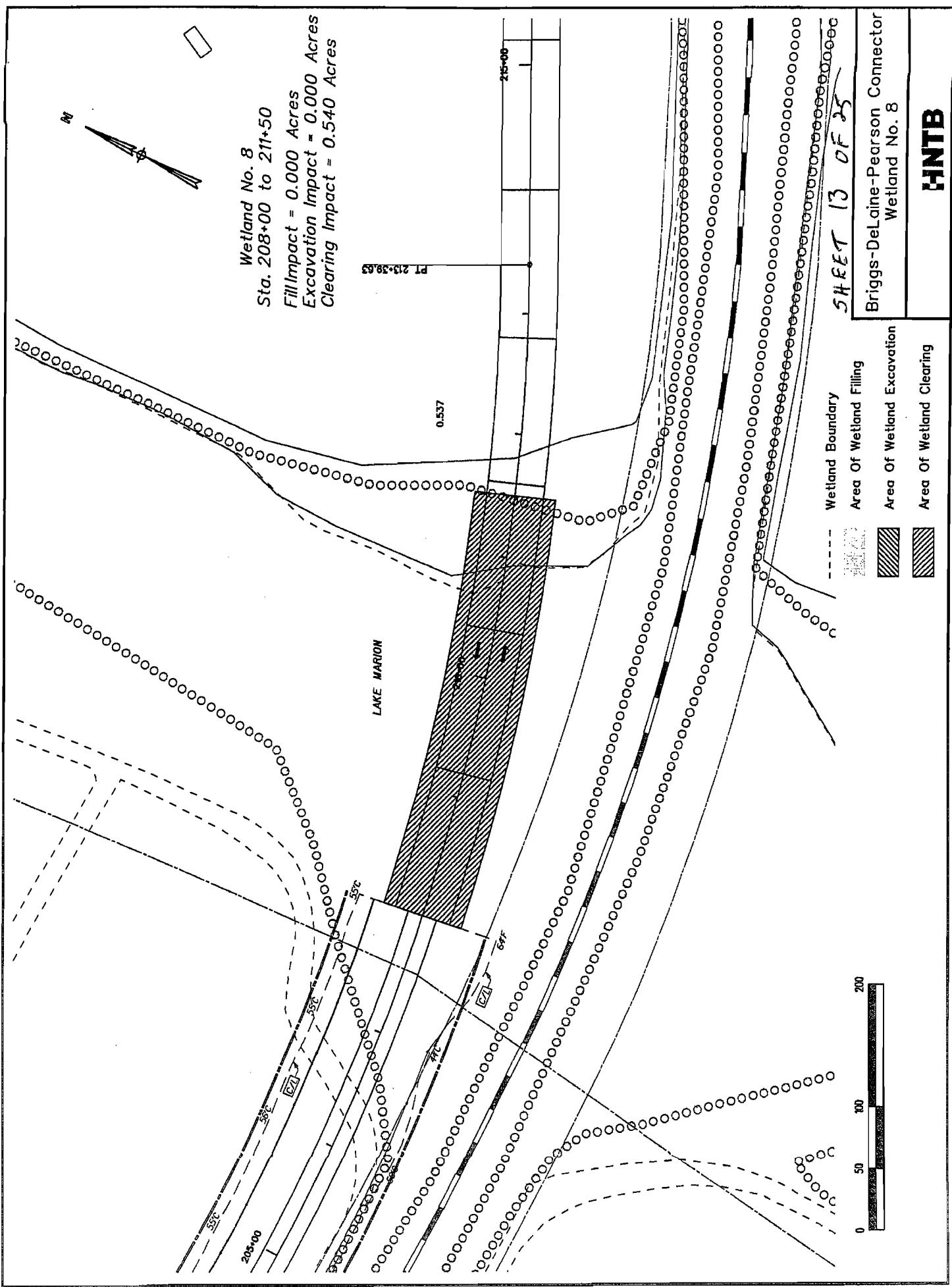
HNTB

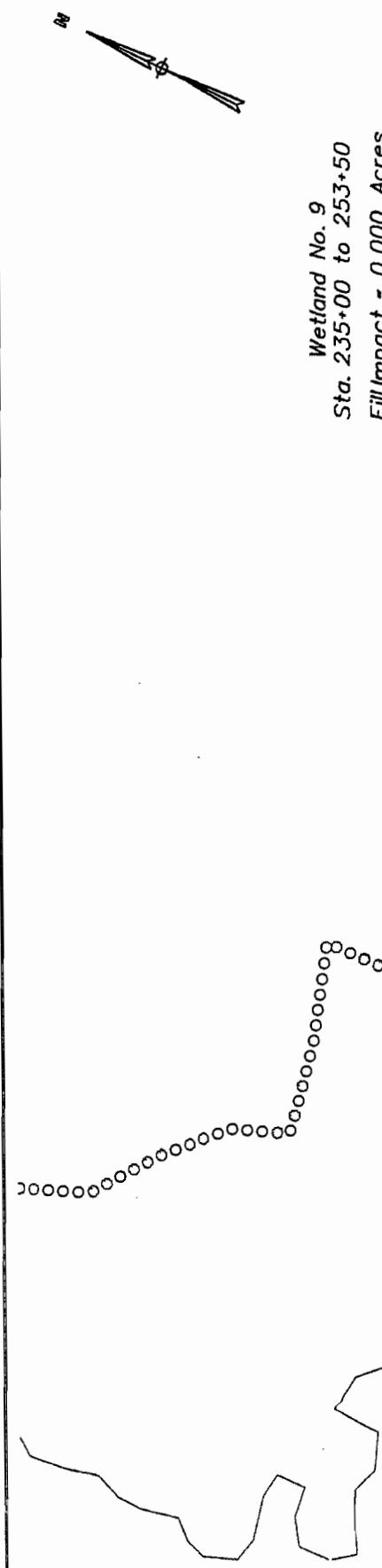












Wetland No. 9
 Sta. 235+00 to 253+50
 Fill Impact = 0.000 Acres
 Excavation Impact = 0.000 Acres
 Clearing Impact = 1.380 Acres

MATCH LINE - SEE SHEET 2 of 2

SHET 14 of 15

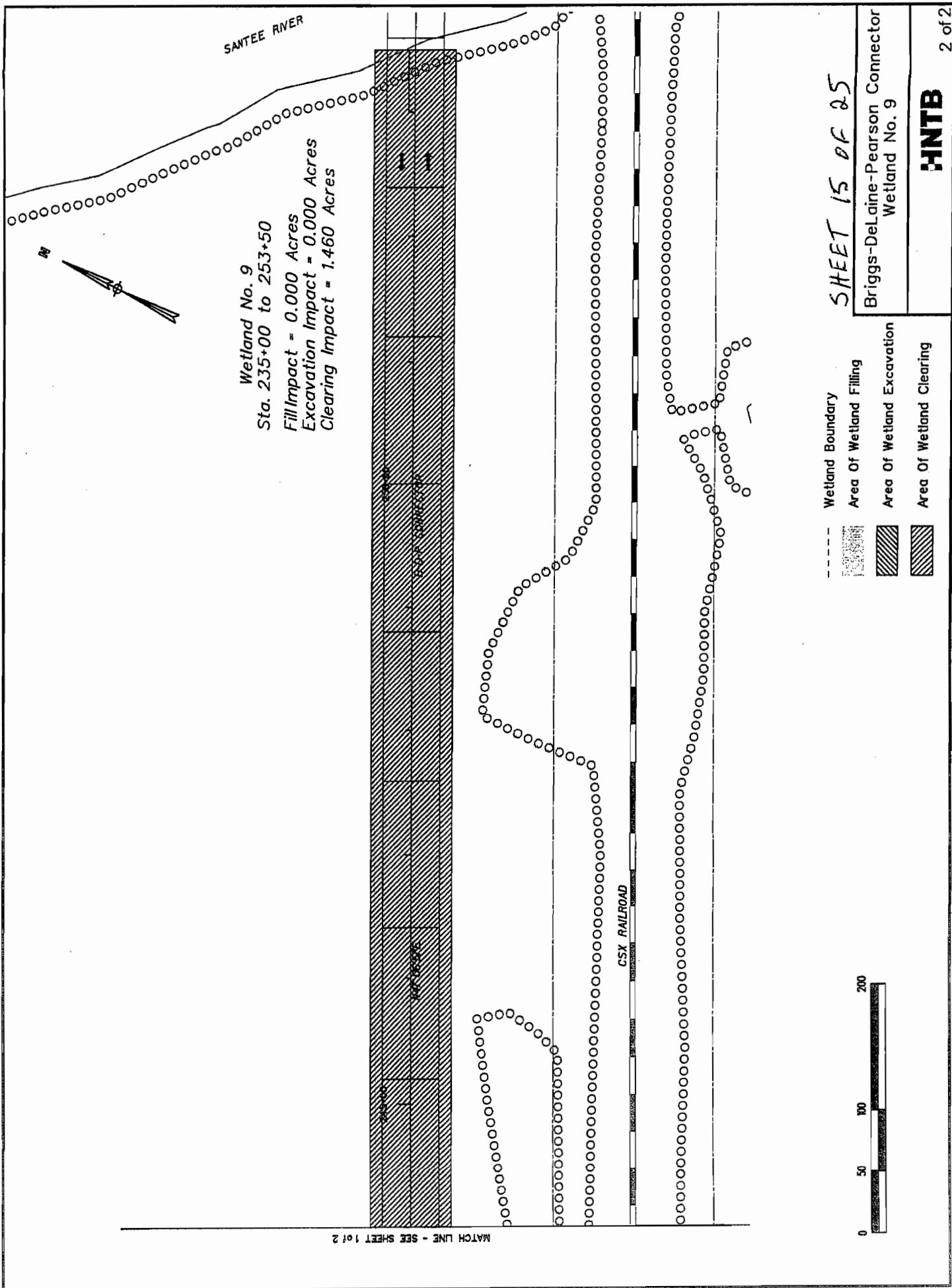
Briggs-Delaine-Pearson Connector
 Wetland No. 9

HNTB

1 of 2



0 50 100 200

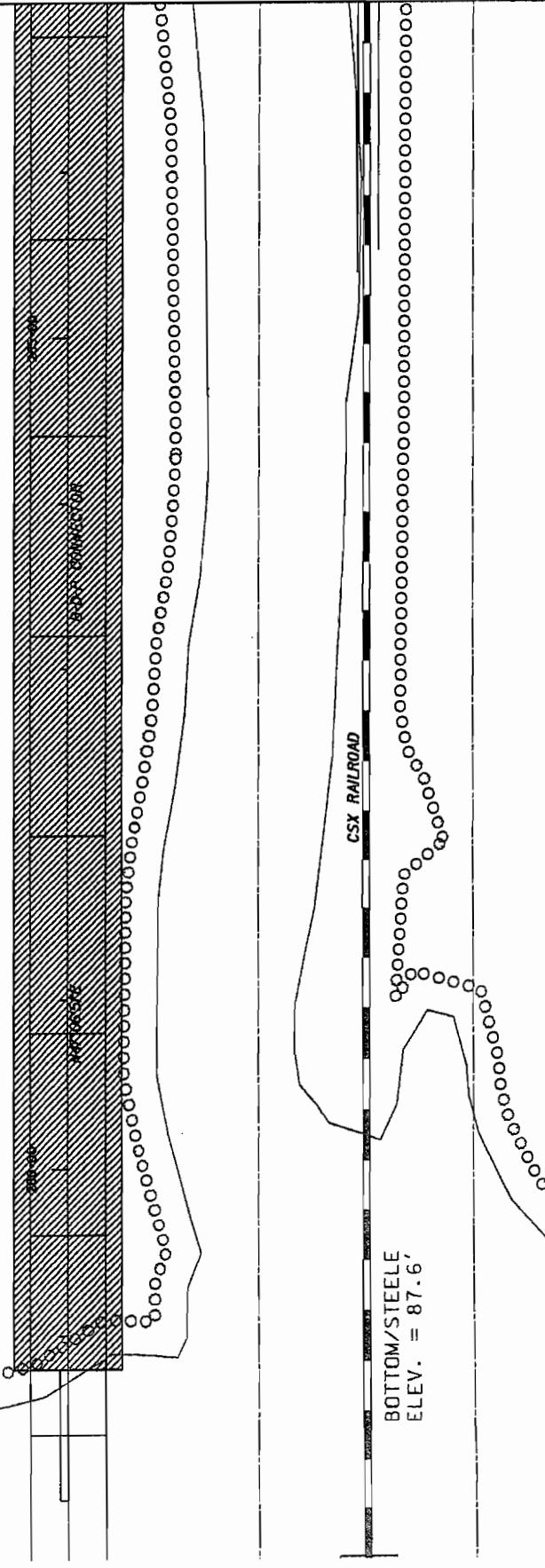




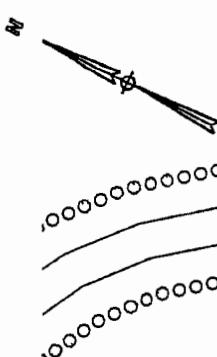
SANTEE RIVER

Wetland No. 10
Sta. 258+80 to 299+50
Fill Impact - 0.000 Acres
Excavation Impact = 0.000 Acres
Clearing Impact - 1.260 Acres

MATCH LINE - SEE SHEET 2 of 5



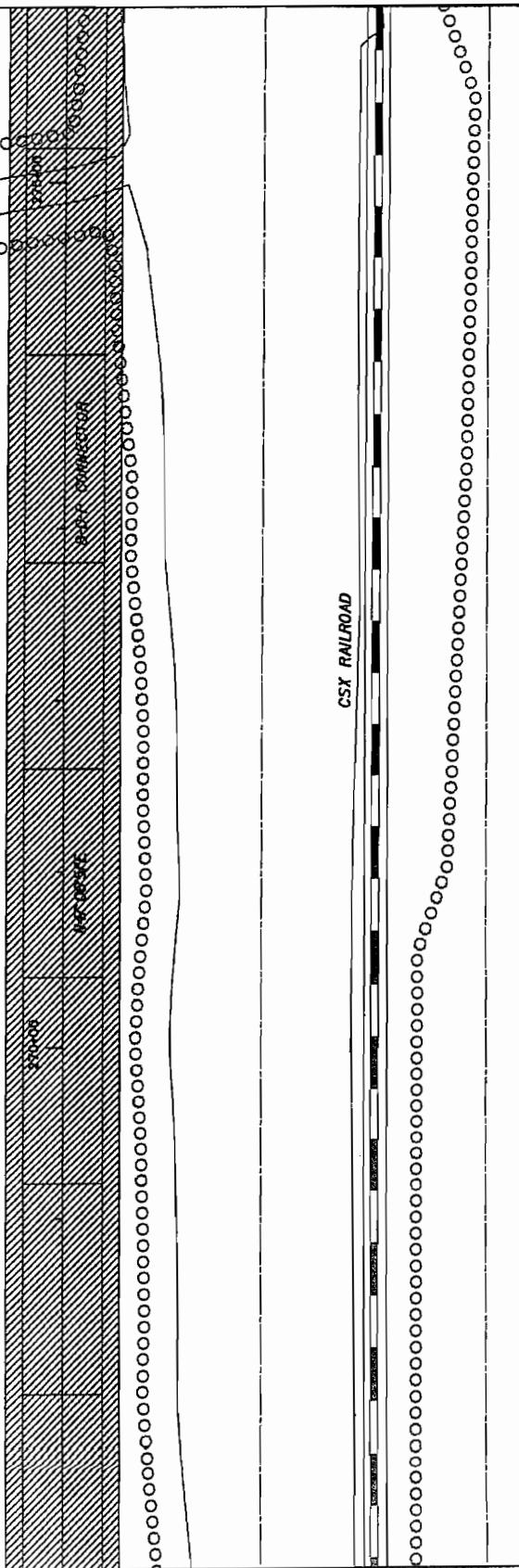
SHET 10 of 25
Briggs-Delaine-Pearson Connector
Wetland No. 10
HNTB
1 of 5



Wetland No. 10
Sta. 258+80 to 299+50
Fill Impact = 0.000 Acres
Excavation Impact = 0.000 Acres
Clearing Impact = 1.380 Acres

MATCH LINE - SEE SHEET 3 of 5

MATCH LINE - SEE SHEET 1 of 5



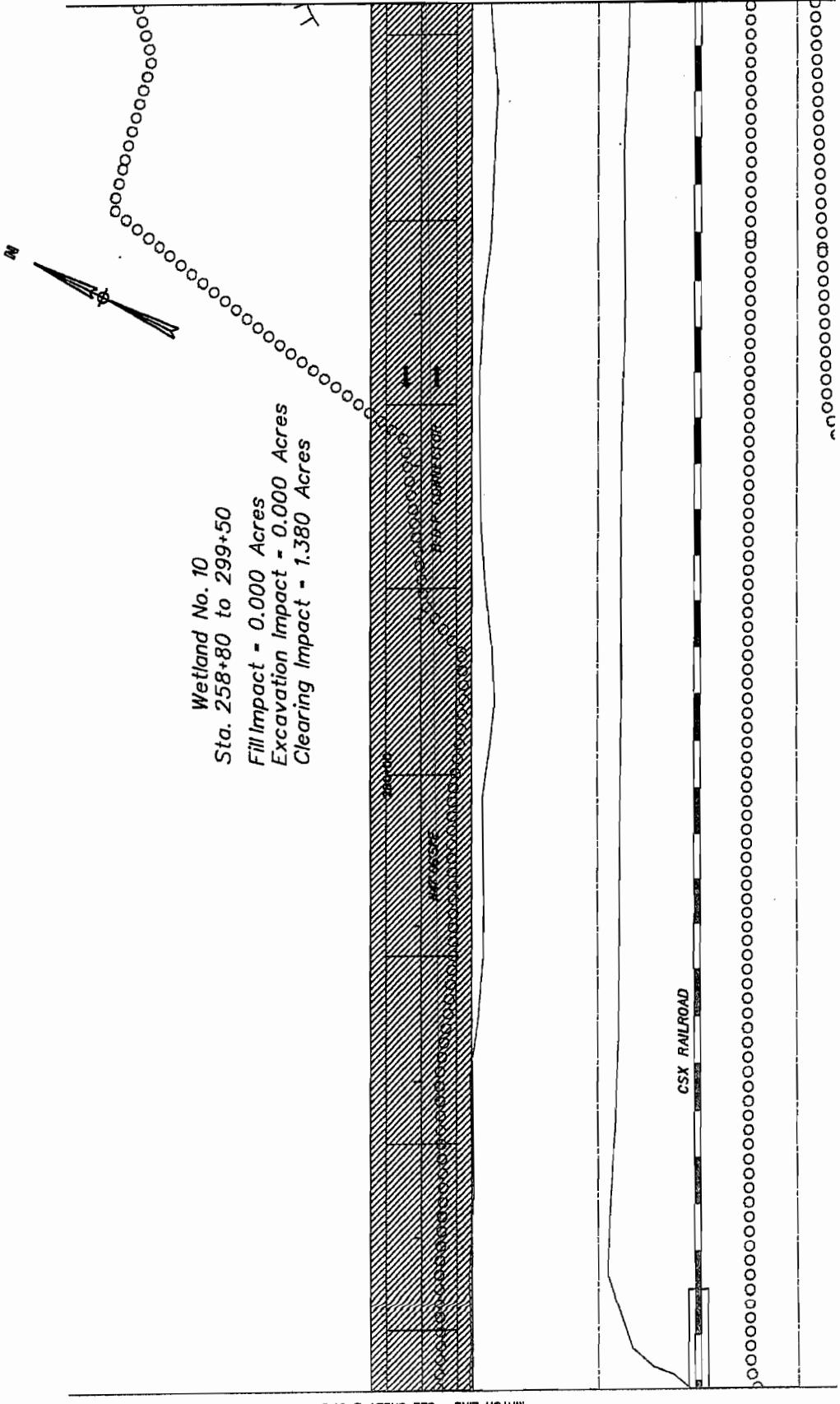
- Wetland Boundary
- Area Of Wetland Filling
- ██████████ Area Of Wetland Excavation
- ██████████ Area Of Wetland Clearing

SHEET 17 OF 25

Briggs-DeLaine-Pearson Connector
Wetland No. 10

HNTB

2 of 5



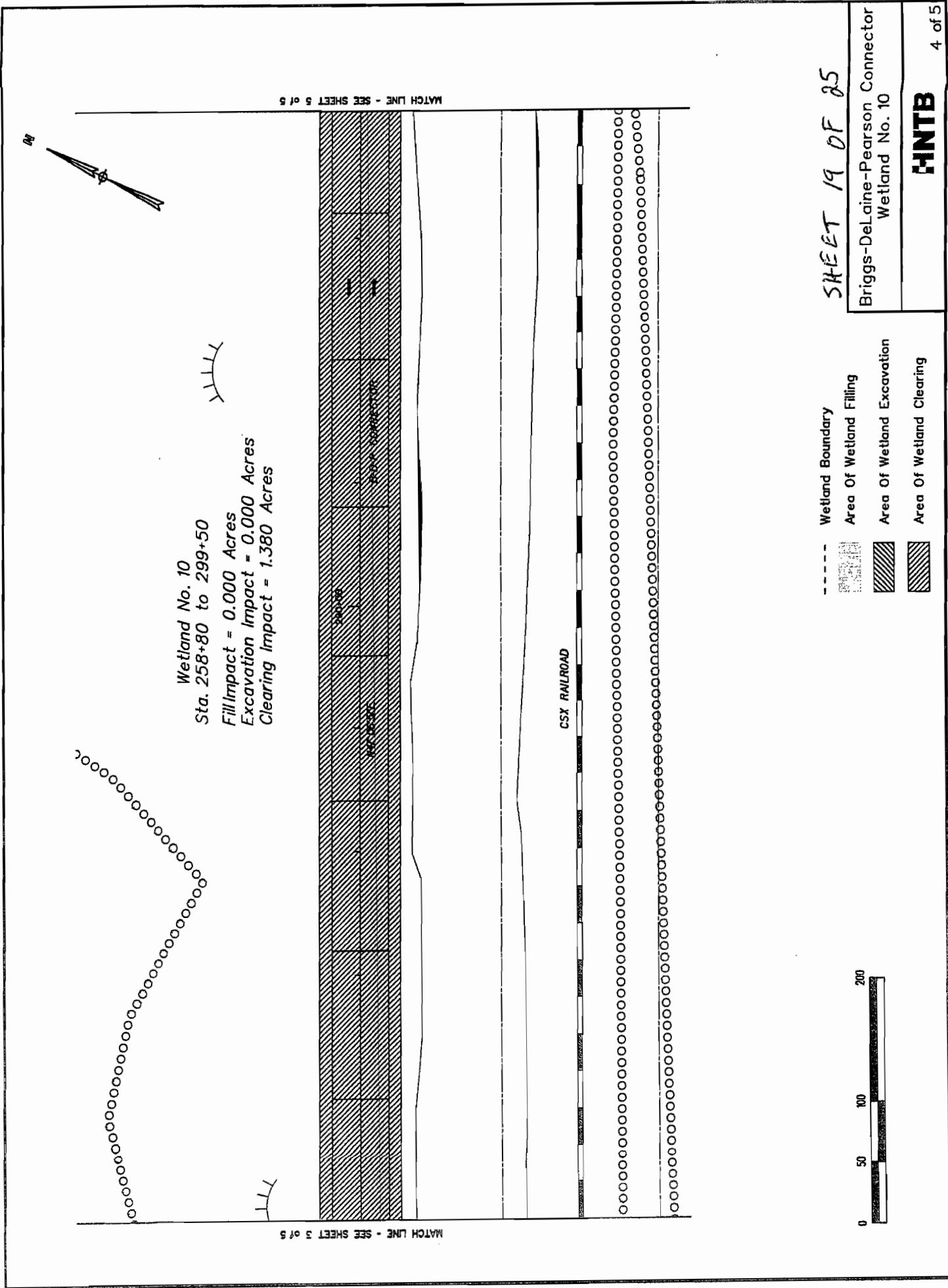
- - - Wetland Boundary
 Hatched Area Of Wetland Filling
 Solid Area Of Wetland Excavation
 Striped Area Of Wetland Clearing

0 50 100 150 200

SHEET 1B OF 25
 Briggs-DeLaine-Pearson Connector
 Wetland No. 10

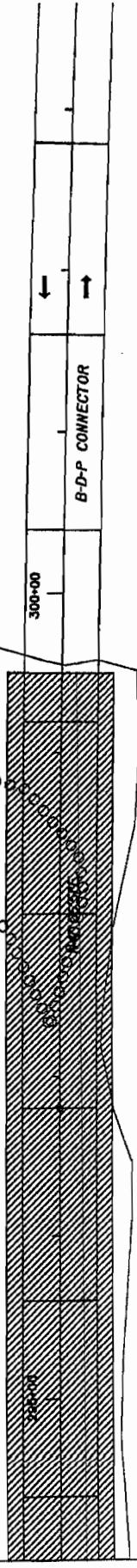
HNTB

3 of 5



NW

Wetland No. 10
Sta. 258+80 to 299+50
Fill Impact - 0.000 Acres
Excavation Impact - 0.000 Acres
Clearing Impact - 0.840 Acres



CSX RAILROAD



Wetland Boundary
Area Of Wetland Filling
Area Of Wetland Excavation
Area Of Wetland Clearing

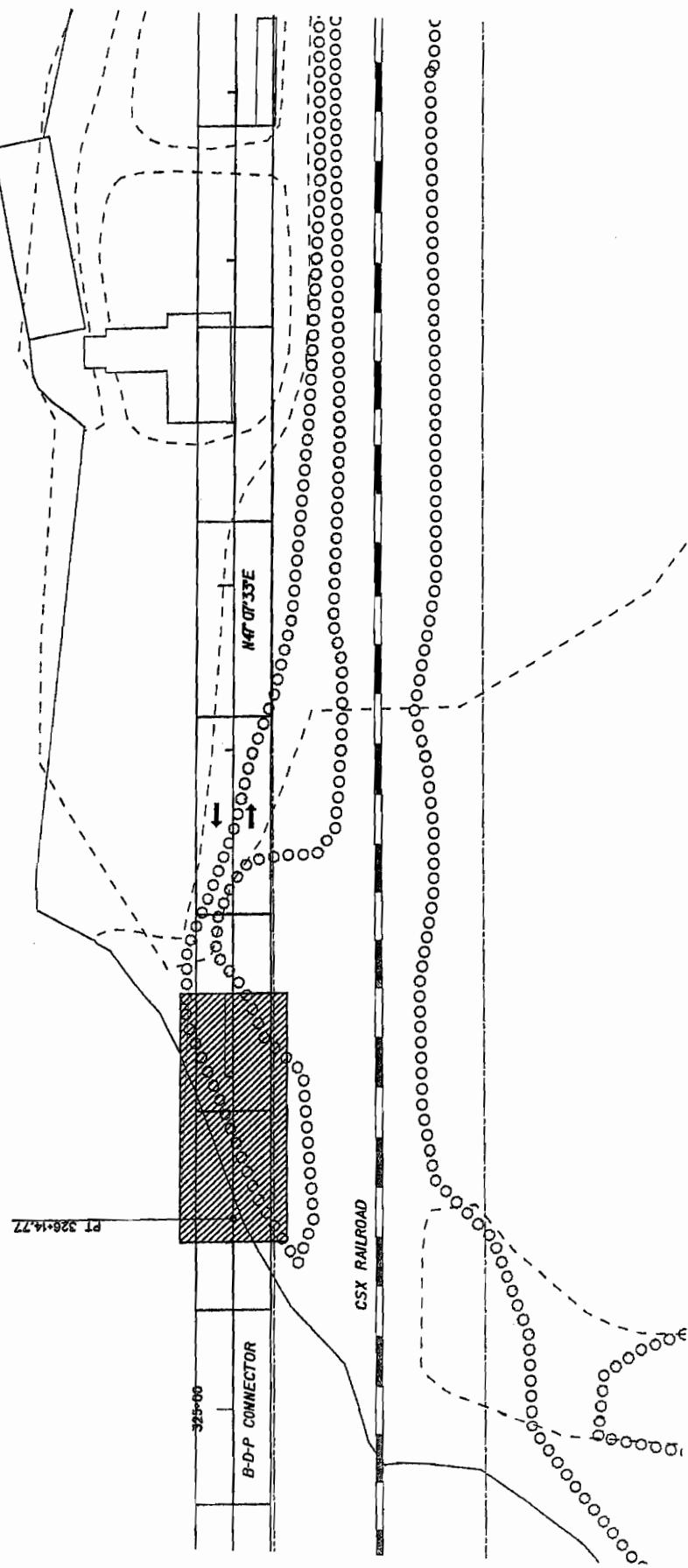
SHEET 20 OF 25
Briggs-DeLaine-Pearson Connector
Wetland No. 10

HNTB

5 of 5

B4

Wetland No. 11
Sta. 326+00 to 327+50
Fill Impact = 0.000 Acres
Excavation Impact = 0.000 Acres
Clearing Impact = 0.230 Acres



Wetland Boundary
Area Of Wetland Filling
Area Of Wetland Excavation
Area Of Wetland Clearing



SHEET 21 OF 25

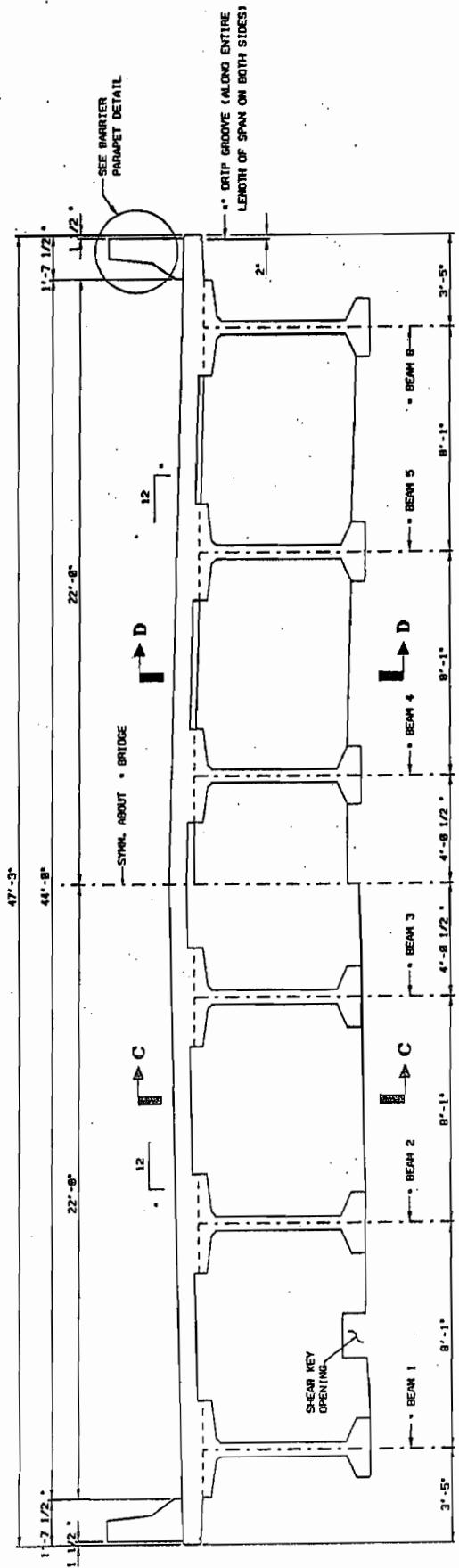
Briggs-Delaine-Pearson Connector
Wetland No. 11

HNTB

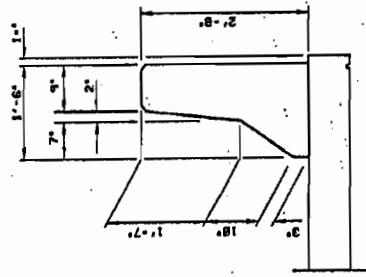
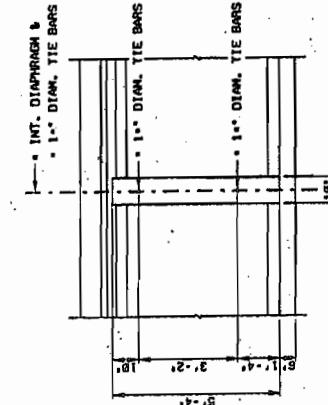
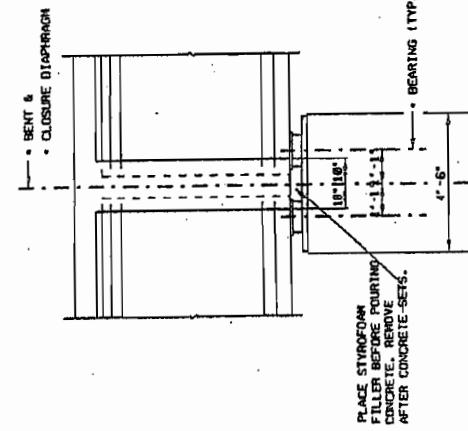
SUPERSTRUCTURE
DETAILS

BRICK LIP DRAWS

SHEET 22 OF 25



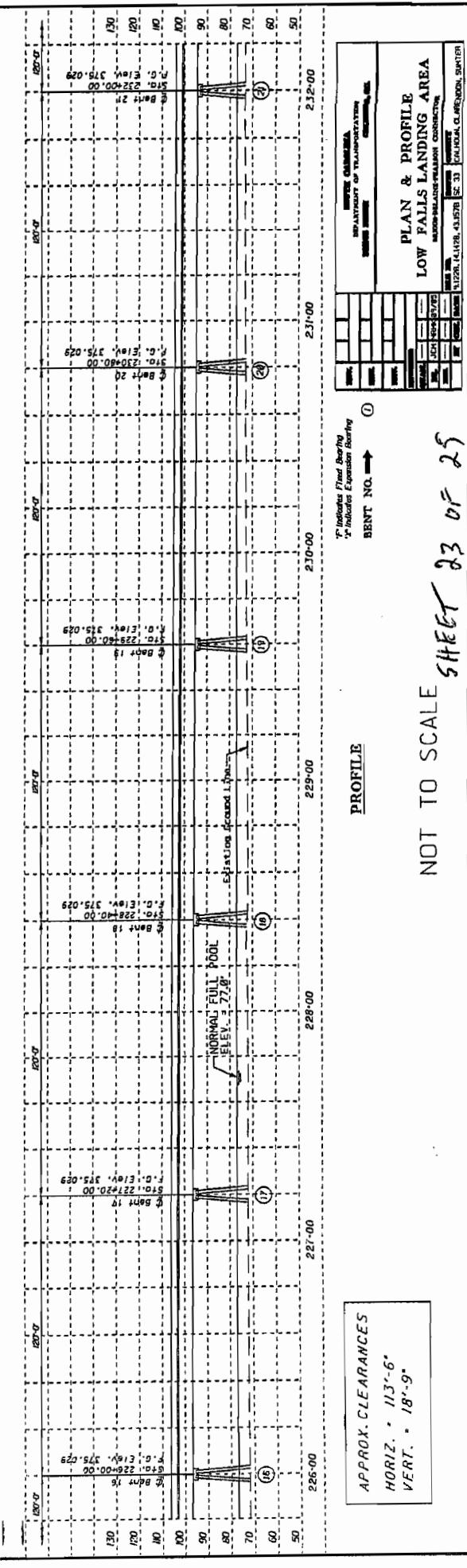
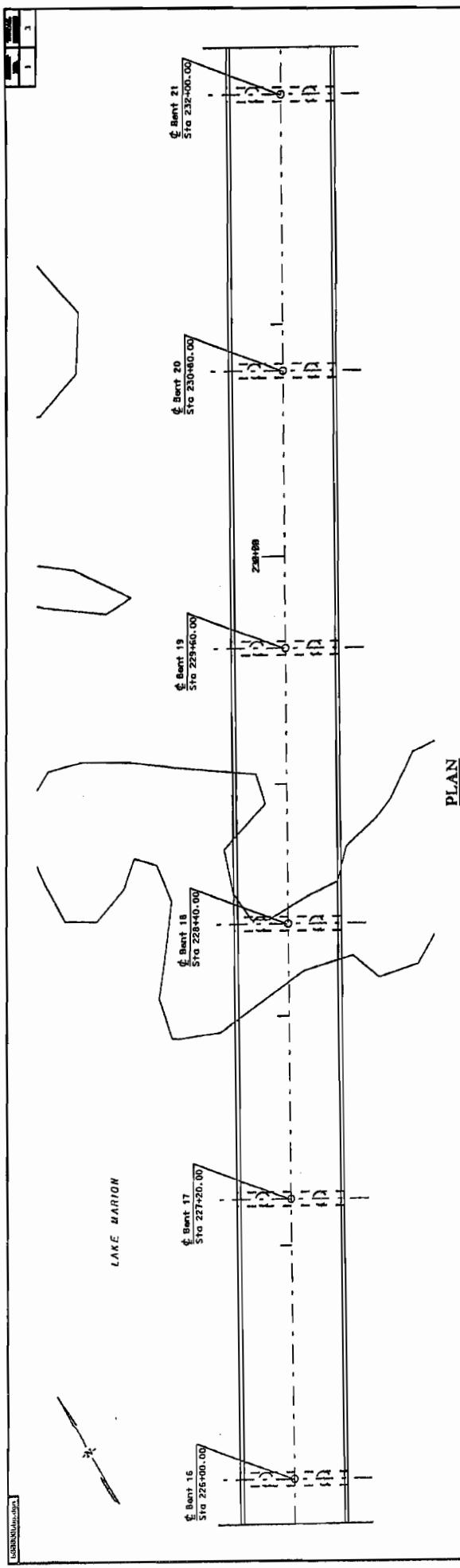
HALF SECTION AT INTERIOR BENTS



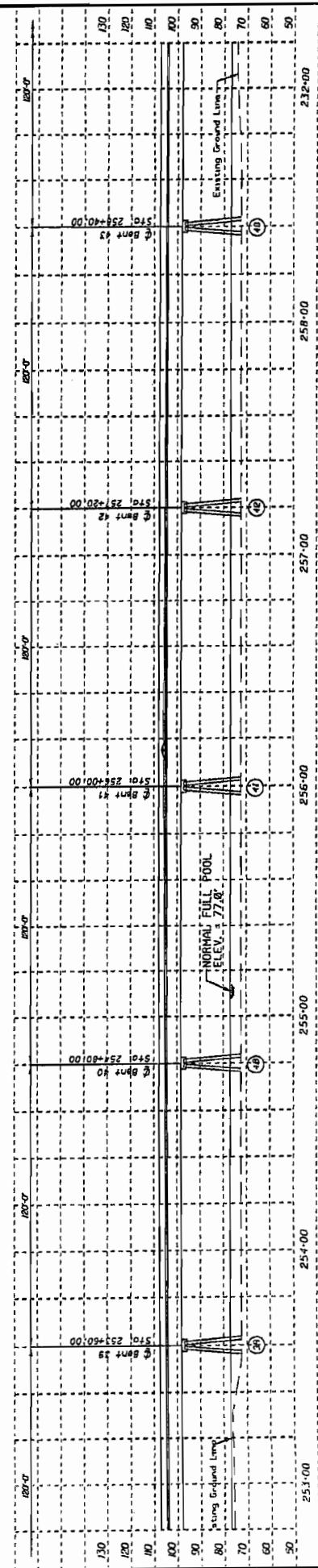
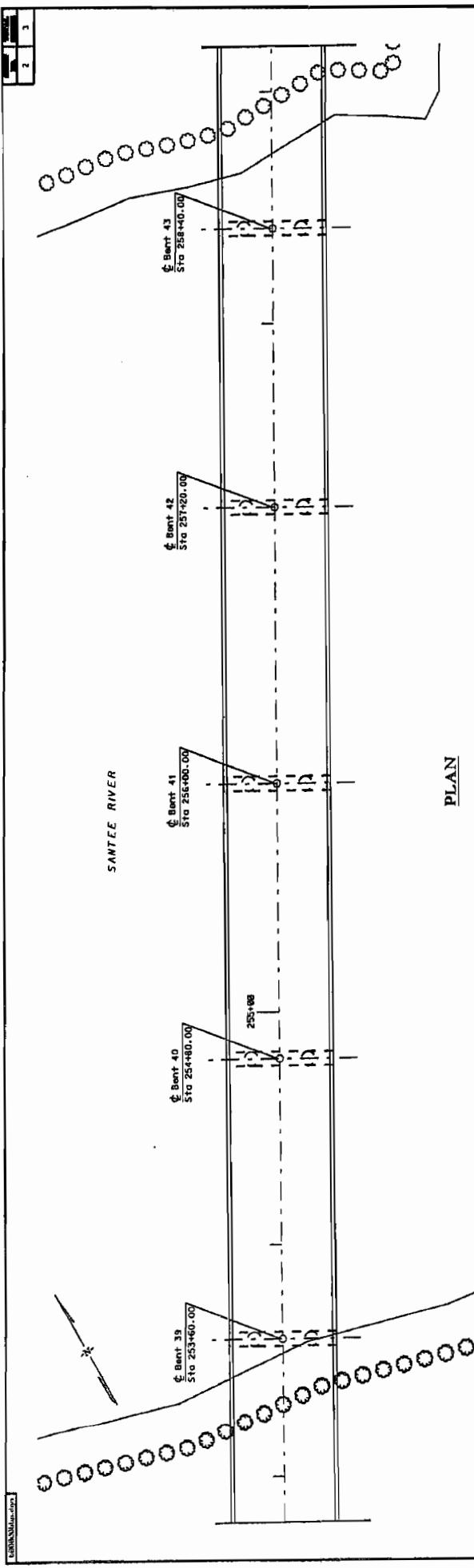
BARRIER PARAPET DETAIL

SECTION D-D
(INTERIOR DIAPHRAGM)

SECTION C-C
(CLOSURE DIAPHRAGM AT INTERIOR BENTS)



NOT TO SCALE SHELL



**PLAN & PROFILE
SANTEE RIVER CROSSING**

DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

Scale	1:2500
Date	4/22/78
Surveyor	J. A. HARRIS
Check Surveyor	J. A. HARRIS
Supervisor	J. A. HARRIS
Scale	1:2500
Date	4/22/78
Surveyor	J. A. HARRIS
Check Surveyor	J. A. HARRIS
Supervisor	J. A. HARRIS

F Indicates Fixed Bearing
W Indicates Expansion Bearing
BENT NO. → ①

NOT TO SCALE SHEET 24 OF 25

APPROX. CLEARANCES

HORIZ. • 113'-6"
VERT. • 21'-2"

