

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

Refer to: P/N # SAC 2007-RLD01-2IR

29 June 2007

NOTE: Due to technical difficulties, the P/N # above is temporary. A permanent P/N # will be assigned as soon as technically possible and will be published as a revision to this Notice.

Pursuant to Sections 401 and 404 of the Clean Water Act (33 U.S.C. 1344), and the South Carolina Coastal Zone Management Act (48-39-10 et.seq.), an application has been submitted to the Department of the Army and the S.C. Department of Health and Environmental Control by

CHARLESTON COUNTY ROADWISE PROGRAM
4045 BRIDGE VIEW DRIVE
CHARLESTON, SOUTH CAROLINA 29405

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

McCHUNES BRANCH

between Ashley Phosphate Road and the existing portion of Palmetto Commerce Parkway in Charleston County, South Carolina (Latitude 32.9647° N, Longitude 80.1039 to Latitude 32.9311° N, Longitude 80.0611° 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, 30 JULY 2007

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

The proposed work consists of the construction of 3.86 miles of new alignment roadway connecting the existing portion of Palmetto Commerce Parkway to Ashley Phosphate Road in Charleston County. The roadway will consist of four travel lanes and associated roadside storm water conveyance facilities separated by a 20-foot-wide grassed median. In detail, the project requires permanent impacts to a total of 5.4 acres of freshwater wetlands by a volume of 37,107 cubic yards of fill. Project plans depict embankment side slopes to be steepened in areas of wetland crossings to as much as 2:1. Mitigation for unavoidable impacts will be provided within the Congaree-Carton Mitigation Bank. The project purpose, as stated by the applicant, is to provide a north-south connector linking Ladson Road and Ashley Phosphate Road. This connector would relieve traffic on parallel arterials such as Dorchester Road, US 78 and Interstate 26 west of Ashley Phosphate Road. This proposed

construction of Palmetto Commerce Parkway is included in the CHATS Long Range Plan (April 2005).

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 South Carolina Coastal Zone Management Act (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 State 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.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. Implementation of the proposed project would impact 5.4 acres of estuarine substrates and emergent wetlands utilized by various life stages of species comprising the red drum, shrimp, and snapper-grouper management complexes. Our initial determination is that the proposed action would not have a substantial individual or cumulative adverse impact on EFH or fisheries managed by the South Atlantic Fishery Management Council and the National Marine Fisheries Service (NMFS). Our final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the NMFS.

The District Engineer has consulted the most recently available information and has determined that the proposed work is not likely to adversely affect 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 Richard Darden at 843-329-8044 or toll free at 1-866-329-8187.

SHEET KEY

SHEET 8

SHEET 6

SHEET 4

SHEET 3

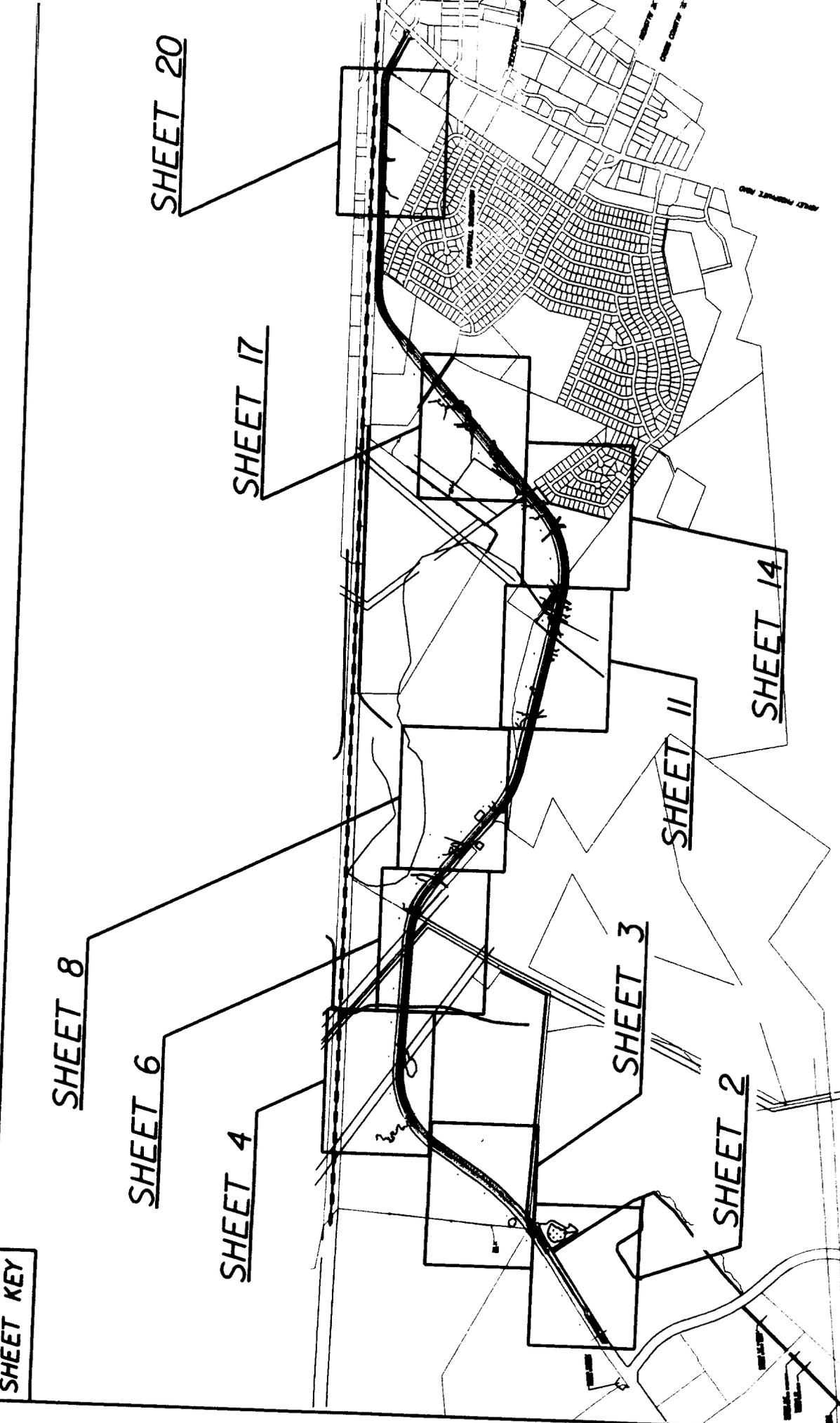
SHEET 2

SHEET 11

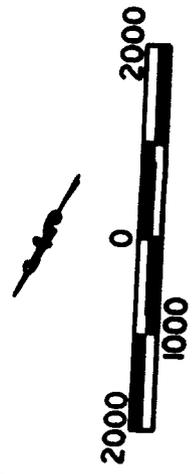
SHEET 14

SHEET 17

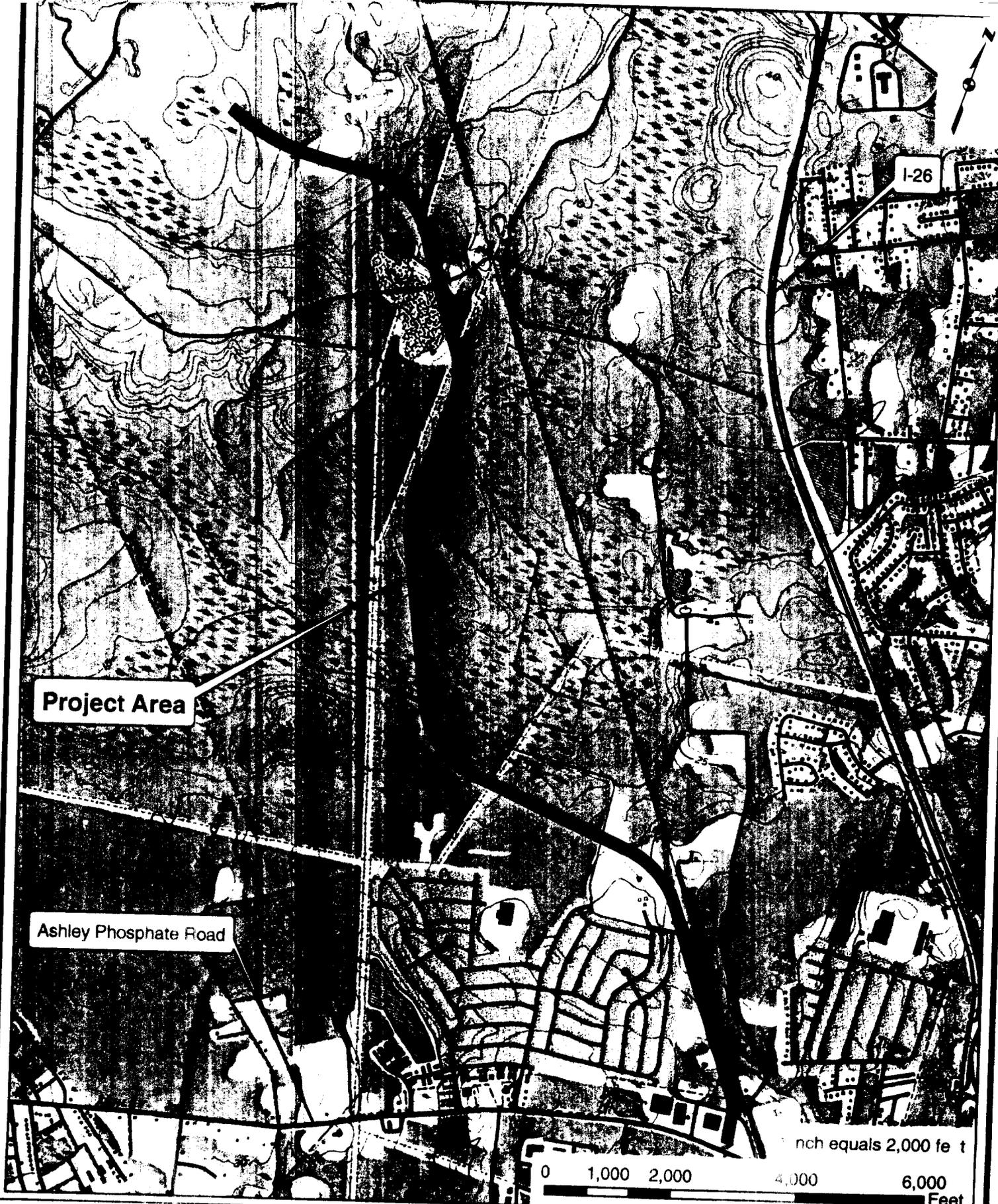
SHEET 20



PROPOSED NEW ROADWAY
 PALMETTO COMMERCE -
 PARKWAY EXTENSION
 PERMIT APPLICATION
 CHARLESTON COUNTY, S.C.
 DATE: JUNE 7, 2007
 SHEET 1 OF 20



GRAPHIC SCALE 1" = 2000'



Project Area

Ashley Phosphate Road

I-26

1 inch equals 2,000 feet

0 1,000 2,000 4,000 6,000 Feet

THE LPA GROUP

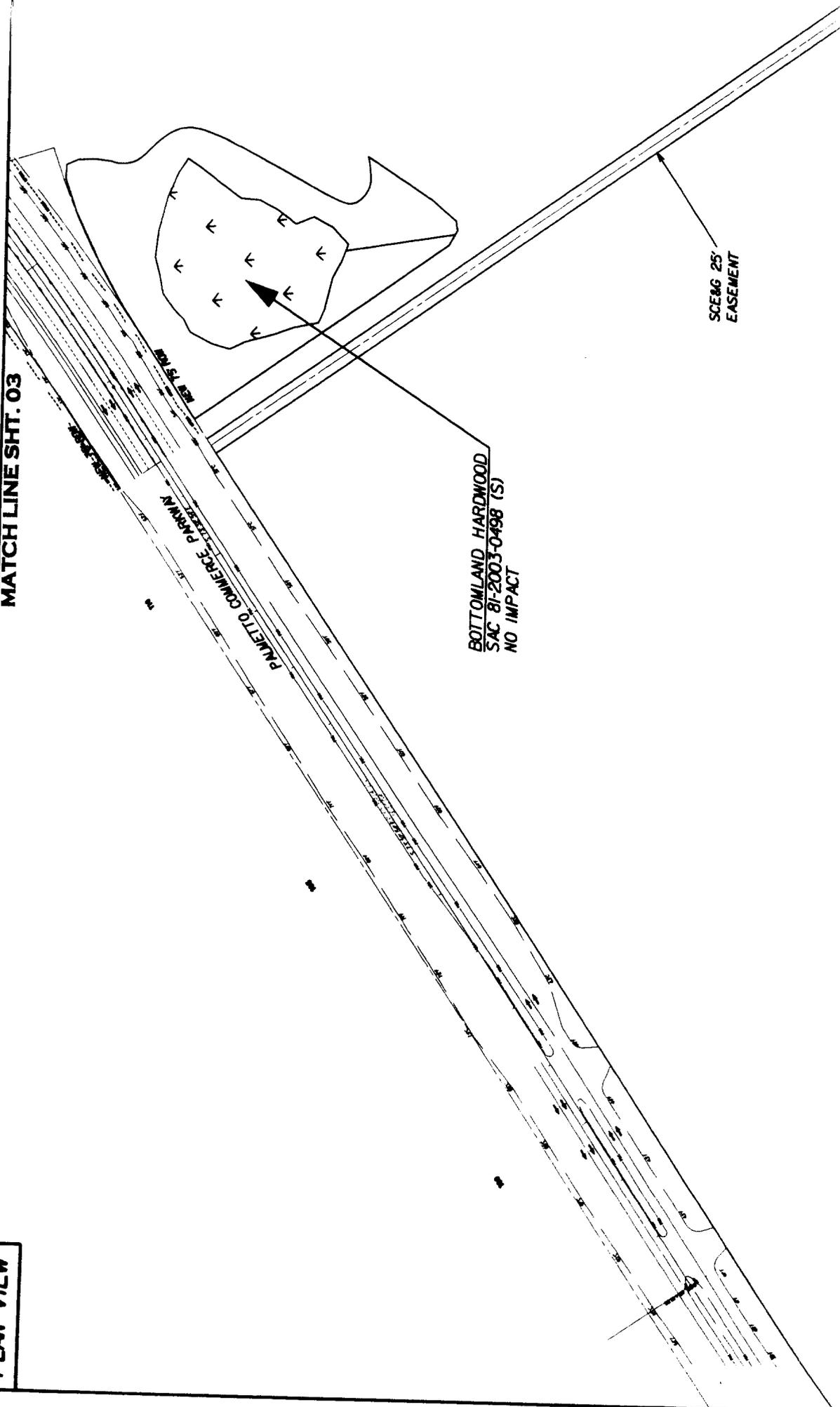
USGS TOPOGRAPHIC QUADRANGLE MAP
 PALMETTO COMMERCE PARKWAY EXTENSION
 CHARLESTON, CHARLESTON COUNTY, SC

SOURCE: SC DEPARTMENT OF NATURAL RESOURCES GIS WEBSITE;
 LADSON, SOUTH CAROLINA 7.5 MINUTE QUADRANGLES

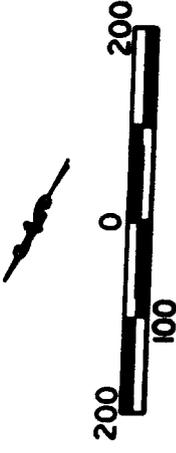
PROPOSED NEW ROADWAY
 PERMIT APPLICATION
 CHARLESTON COUNTY, S.C.
 DATE: June 7, 2007
 SHEET 1a OF 24

PLAN VIEW

MATCH LINE SHT. 03



- - - - - DENOTES PROPERTY LINE
 SCMBG 25' EASEMENT



GRAPHIC SCALE 1" = 200'

PROPOSED NEW ROADWAY
 PALMETTO COMMERCE -
 PARKWAY EXTENSION
 PERMIT APPLICATION
 CHARLESTON COUNTY, S.C.
 DATE: JUNE 7, 2007
 SHEET 2 OF 24

PLAN VIEW



GRAPHIC SCALE 1" = 200'

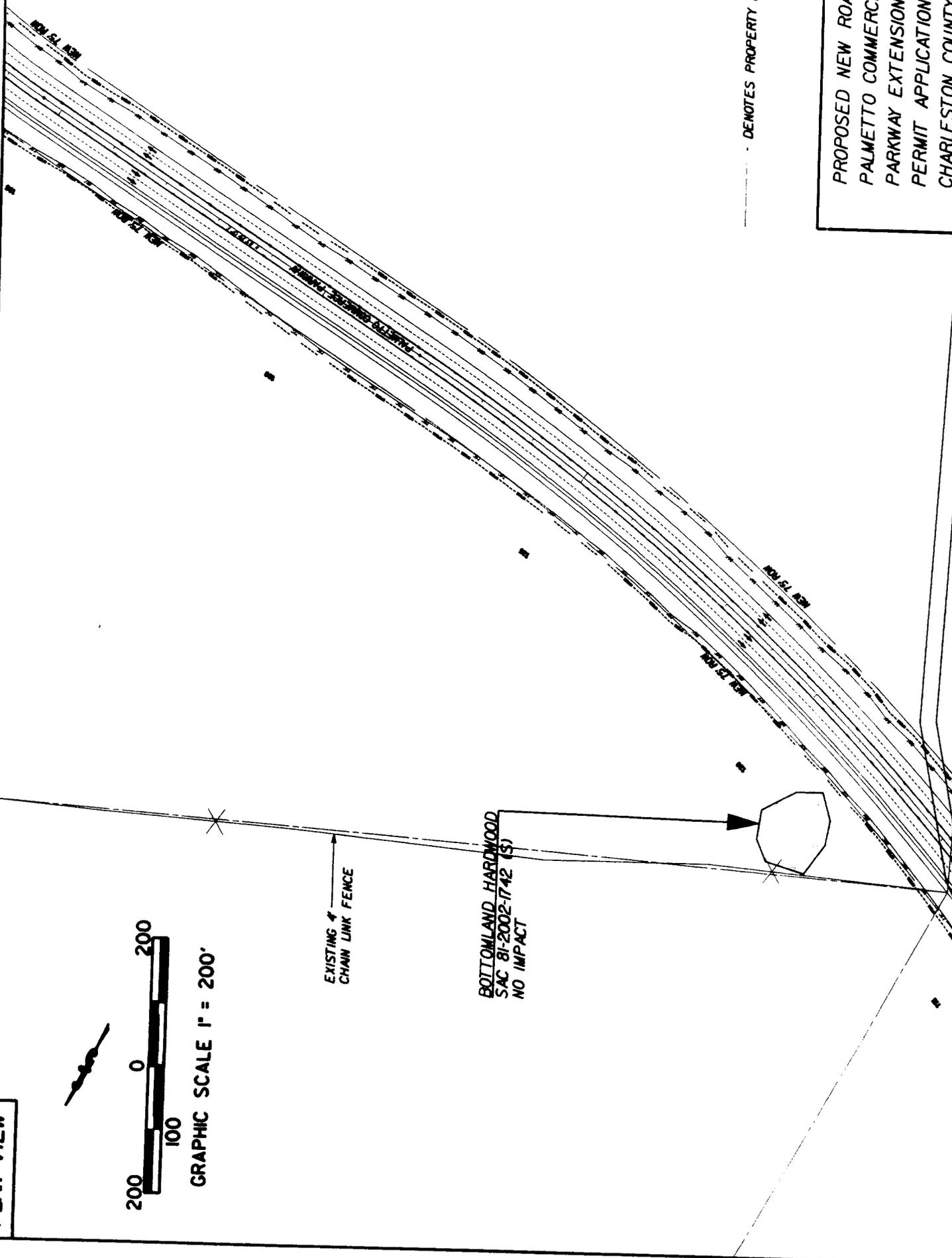
EXISTING 4' CHAIN LINK FENCE

BOTTOMLAND HARDWOOD
SAC 8I-2002-1742 (S)
NO IMPACT

--- DEMOTES PROPERTY LINE

PROPOSED NEW ROADWAY
PALMETTO COMMERCE -
PARKWAY EXTENSION
PERMIT APPLICATION
CHARLESTON COUNTY, S.C.
DATE: JUNE 7, 2007
SHEET 3 OF 24

MATCH LINE SHT. 02



PLAN VIEW

NORFOLK SOUTHERN RAILROAD

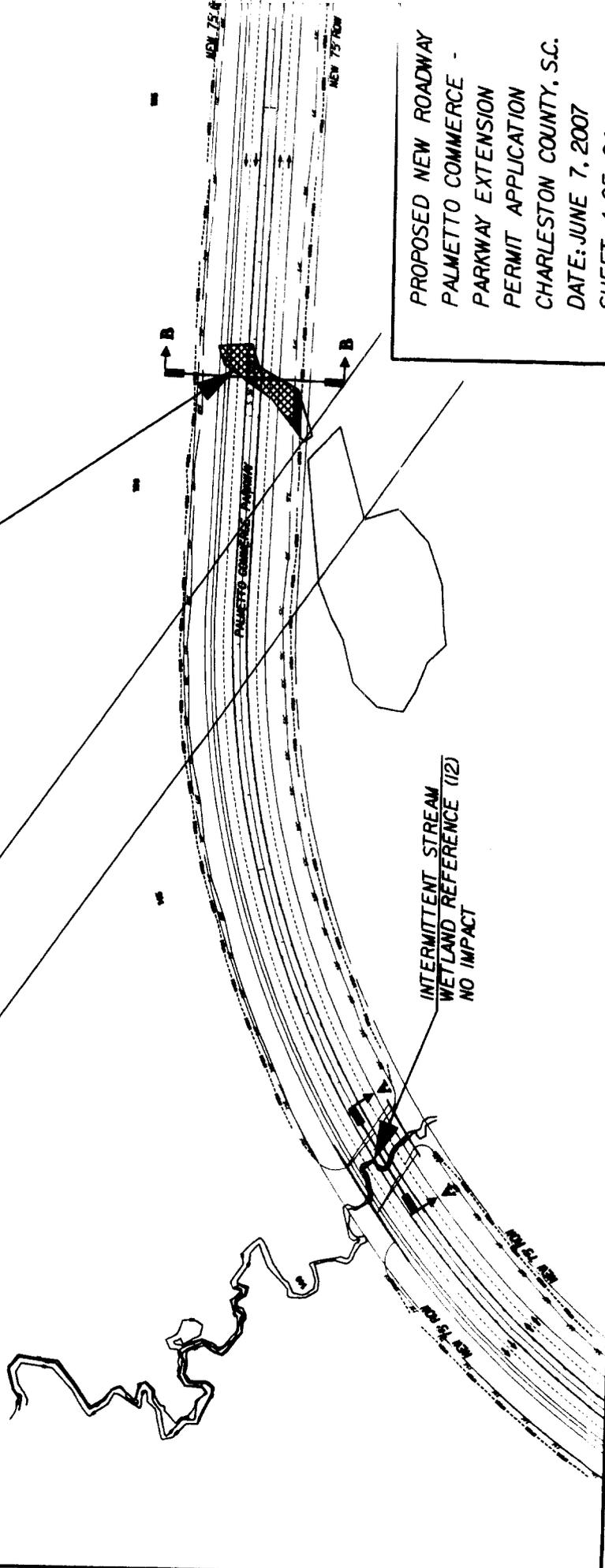
- DEMOTES PROPERTY LINE
- DEMOTES FILL IMPACTS
- DEMOTES CLEAR & GRUB IMPACTS



GRAPHIC SCALE 1" = 200'

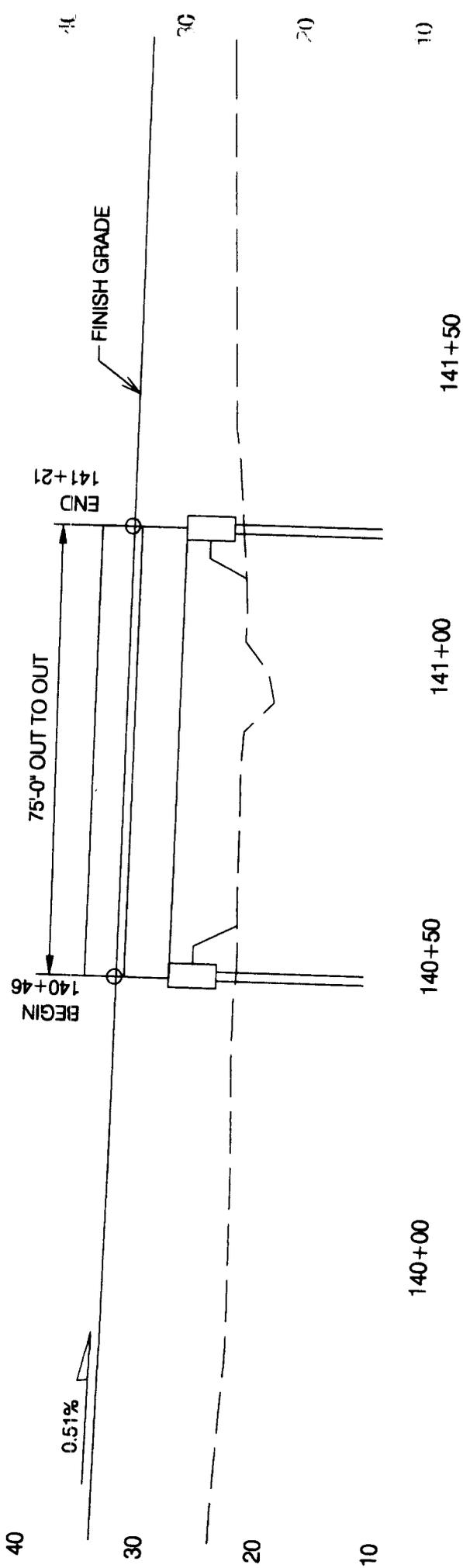
EXISTING 4' CHAIN LINK FENCE

BOTTOMLAND HARDWOOD/
FRESHWATER MARSH
SAC 81-2002-1742 (S)
0.08 ACRES FILL
0.01 ACRES CLEAR & GRUB



PROPOSED NEW ROADWAY
PALMETTO COMMERCE
PARKWAY EXTENSION
PERMIT APPLICATION
CHARLESTON COUNTY, S.C.
DATE: JUNE 7, 2007
SHEET 4 OF 24

BRIDGE PROFILE



SECTION A-A ALONG ϕ SURVEY

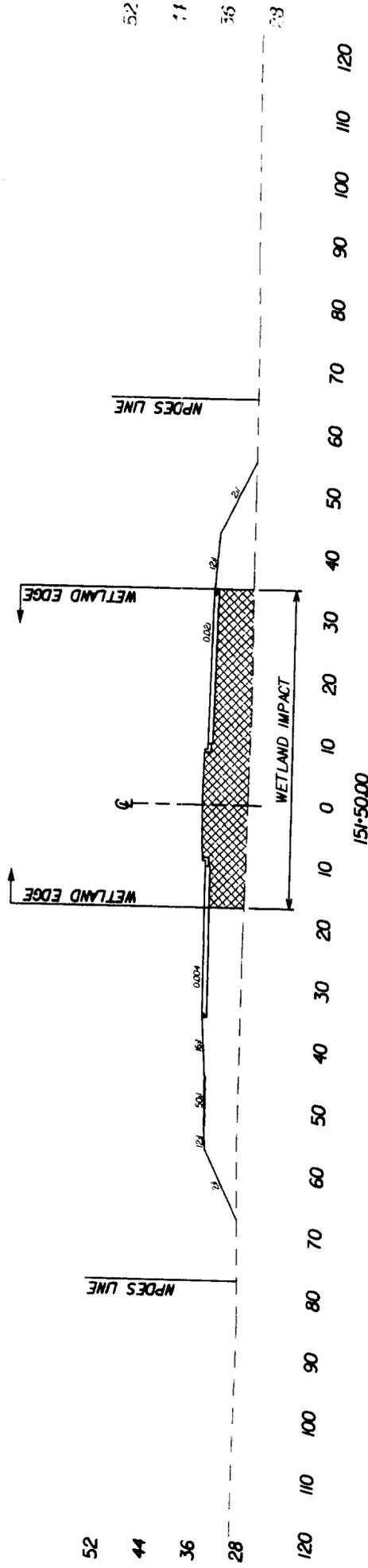
--- DEMOTES EXISTING GROUND LINE



GRAPHIC SCALE 1" = 25'

PROPOSED NEW ROADWAY
PALMETTO COMMERCE -
PARKWAY EXTENSION
PERMIT APPLICATION
CHARLESTON COUNTY, S.C.
DATE: JUNE 7, 2007
SHEET 5 OF 24

CROSS SECTION



--- DEMOTES EXISTING GROUND LINE

SECTION B-B



GRAPHIC SCALE 1" = 25'

PROPOSED NEW ROADWAY
 PALMETTO COMMERCE
 PARKWAY EXTENSION
 PERMIT APPLICATION
 CHARLESTON COUNTY, S.C.
 DATE: JUNE 7, 2007
 SHEET 6 OF 24

PLAN VIEW

MATCH LINE SHT. 4

EXISTING CHAIN LINK FENCE

EXISTING CHAIN LINK FENCE

EMERGENT WETLAND
WETLAND REFERENCE (WH)
0.18 ACRES FILL
0.11 ACRES CLEAR & GRUB

DITCH
NO WETLAND REFERENCE
0.02 ACRES FILL

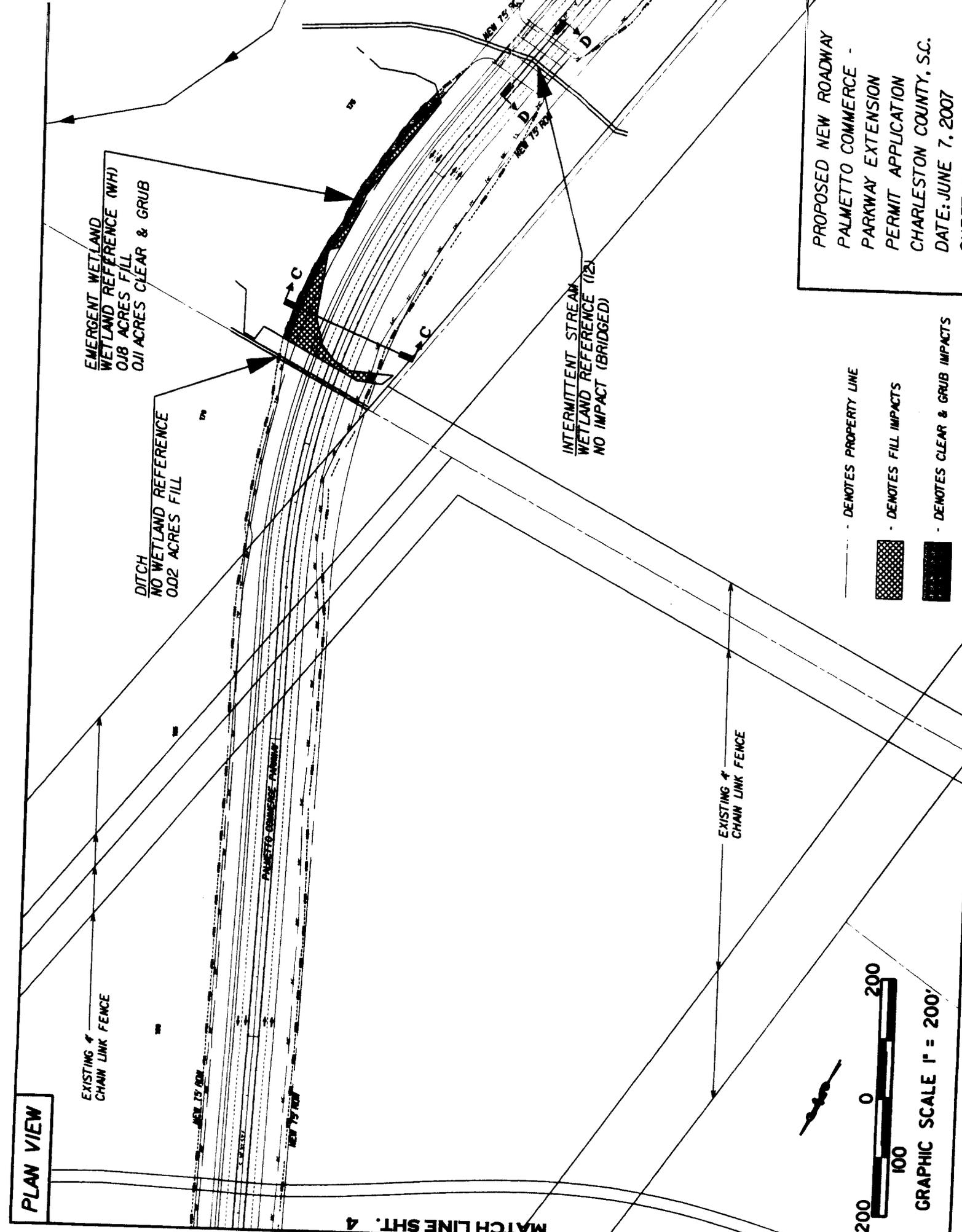
INTERMITTENT STREAM
WETLAND REFERENCE (I2)
NO IMPACT (BRIDGED)

- - - DEMOTES PROPERTY LINE
- [Hatched Box] DEMOTES FILL IMPACTS
- [Solid Black Box] DEMOTES CLEAR & GRUB IMPACTS

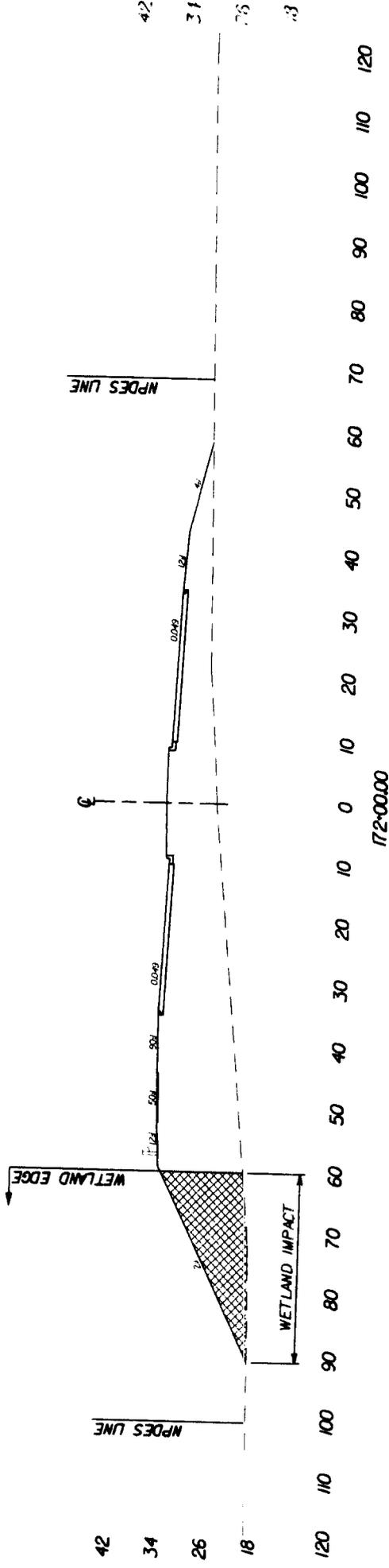
PROPOSED NEW ROADWAY
PALMETTO COMMERCE
PARKWAY EXTENSION
PERMIT APPLICATION
CHARLESTON COUNTY, S.C.
DATE: JUNE 7, 2007
SHEET 7 OF 24



GRAPHIC SCALE 1" = 200'



CROSS SECTION



SECTION C-C

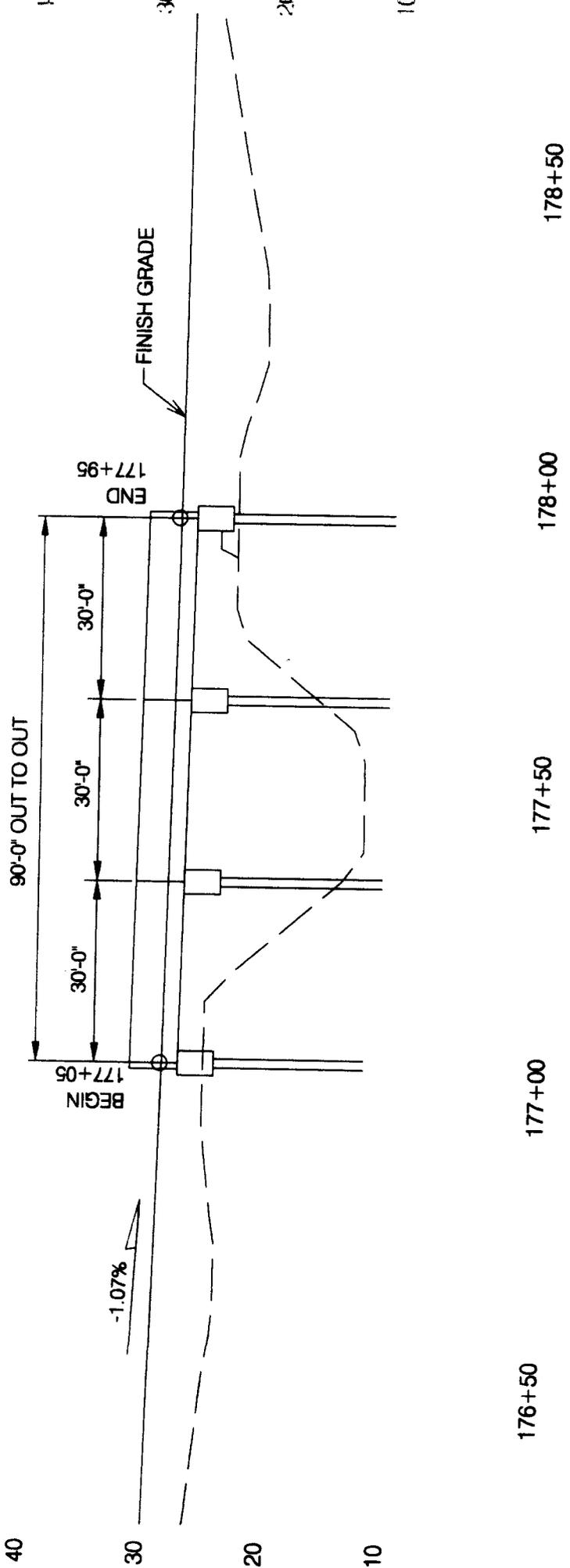
--- DENOTES EXISTING GROUND LINE



GRAPHIC SCALE 1" = 25'

PROPOSED NEW ROADWAY
 PALMETTO COMMERCE
 PARKWAY EXTENSION
 PERMIT APPLICATION
 CHARLESTON COUNTY, S.C.
 DATE: JUNE 7, 2007
 SHEET 8 OF 24

BRIDGE PROFILE



SECTION D-D ALONG C SURVEY

--- DENOTES EXISTING GROUND LINE



GRAPHIC SCALE 1" = 25'

PROPOSED NEW ROADWAY
 PALMETTO COMMERCE -
 PARKWAY EXTENSION
 PERMIT APPLICATION
 CHARLESTON COUNTY, S.C.
 DATE: JUNE 7, 2007
 SHEET 9 OF 24

PLAN VIEW

MATCH LINE SHT. 7

MCCHUNES BRANCH

EMERGENT WETLAND
WETLAND REFERENCE (W1)
0.10 ACRES FILL
0.04 ACRES CLEAR & GRUB

DETECTION BASIN

NEW TRAIL

PALMETTO COMMERCE PARKWAY

DETECTION BASIN

EXISTING 4'
CHAIN LINK FENCE

HEADWATER WETLAND SYSTEM
WETLAND REFERENCE (W1)
0.16 ACRES FILL
0.04 ACRES CLEAR & GRUB



GRAPHIC SCALE 1" = 200'

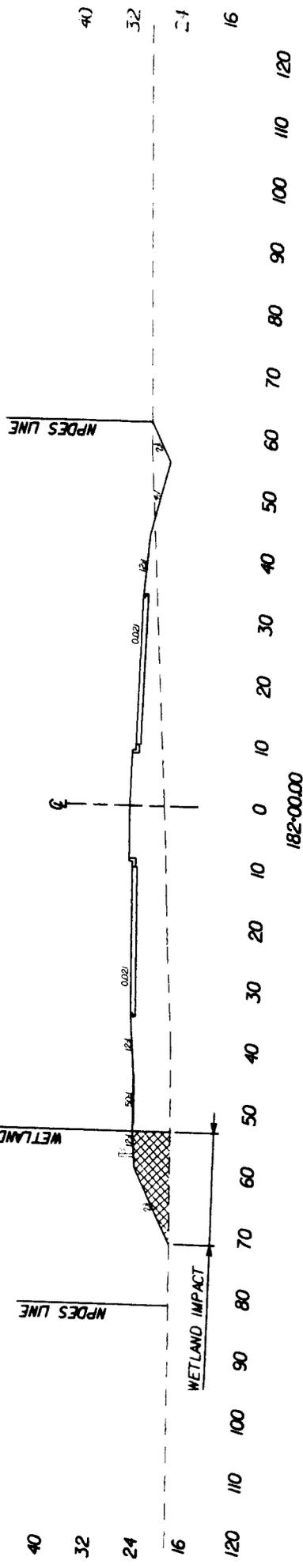
- - - DENOTES PROPERTY LINE

[Cross-hatched pattern] DENOTES FILL IMPACTS

[Solid black pattern] DENOTES CLEAR & GRUB IMPACTS

PROPOSED NEW ROADWAY
PALMETTO COMMERCE -
PARKWAY EXTENSION
PERMIT APPLICATION
CHARLESTON COUNTY, S.C.
DATE: JUNE 7, 2007
SHEET 10 OF 24

CROSS SECTION



SECTION E-E

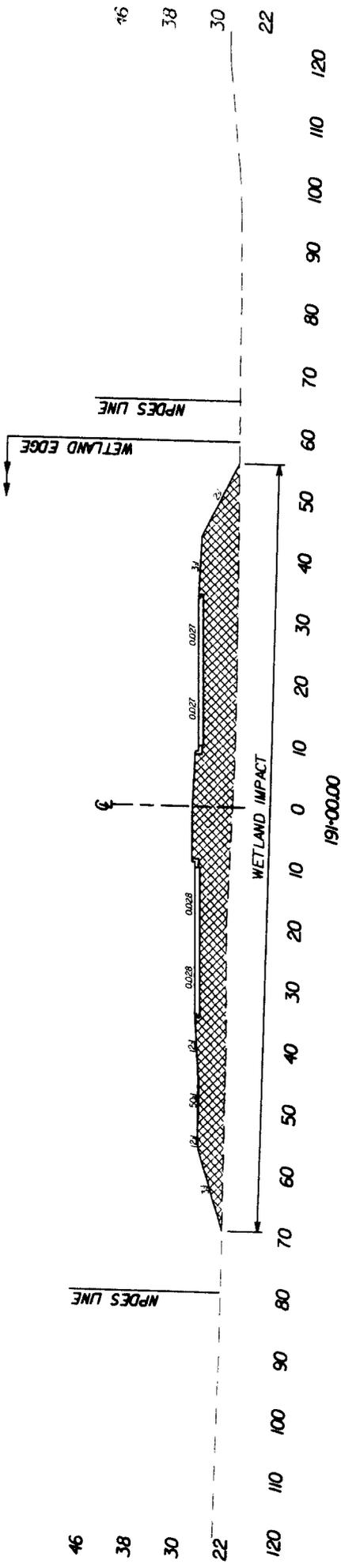
--- DEMOTES EXISTING GROUND LINE



GRAPHIC SCALE 1" = 25'

PROPOSED NEW ROADWAY
 PALMETTO COMMERCE -
 PARKWAY EXTENSION
 PERMIT APPLICATION
 CHARLESTON COUNTY, S.C.
 DATE: JUNE 7, 2007
 SHEET 11 OF 24

CROSS SECTION



SECTION F-F



GRAPHIC SCALE 1" = 25'

PROPOSED NEW ROADWAY
 PALMETTO COMMERCE
 PARKWAY EXTENSION
 PERMIT APPLICATION
 CHARLESTON COUNTY, S.C.
 DATE: JUNE 7, 2007
 SHEET 12 OF 24

PLAN VIEW

HARDWOOD FLAT
WETLAND REFERENCE (MW)
0.15 ACRES FILL
0.007 ACRES CLEAR AND GRUB

BOTTOMLAND HARDWOOD
WETLAND REFERENCE (WK)
0.16 ACRES FILL
0.02 ACRES CLEAR & GRUB

BALD CYPRESS-GUM SWAMP
WETLAND REFERENCE (WL)
0.007 ACRES FILL
0.005 ACRES CLEAR & GRUB

PERENNIAL STREAM
(MCCHINES BRANCH)
WETLAND REFERENCE (9)
NO IMPACT (BRIDGED)

HEADWATER WETLAND SYSTEM
WETLAND REFERENCE (WX)
0.10 ACRES FILL
0.02 ACRES CLEAR & GRUB

HARDWOOD FLAT
WETLAND REFERENCE (MW)
0.11 ACRES FILL
0.03 ACRES CLEAR & GRUB

DRAINAGE DITCH
WETLAND REFERENCE (10)
0.05 ACRES FILL

BOTTOMLAND HARDWOOD
WETLAND REFERENCE (WK)
0.54 ACRES FILL
0.09 ACRES CLEAR & GRUB

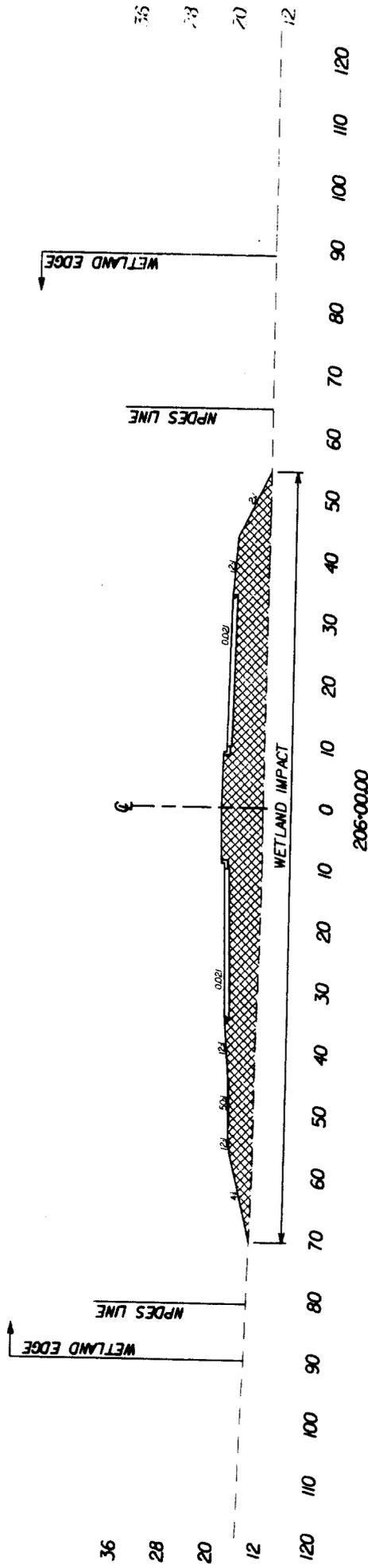
- - - DENOTES PROPERTY LINE
- [Cross-hatched box] DENOTES FILL IMPACTS
- [Solid black box] DENOTES CLEAR & GRUB IMPACTS

PROPOSED NEW ROADWAY
PALMETTO COMMERCE -
PARWAY EXTENSION
PERMIT APPLICATION
CHARLESTON COUNTY, S.C.
DATE: JUNE 7, 2007
SHEET 13 OF 24



GRAPHIC SCALE 1" = 200'

CROSS SECTION



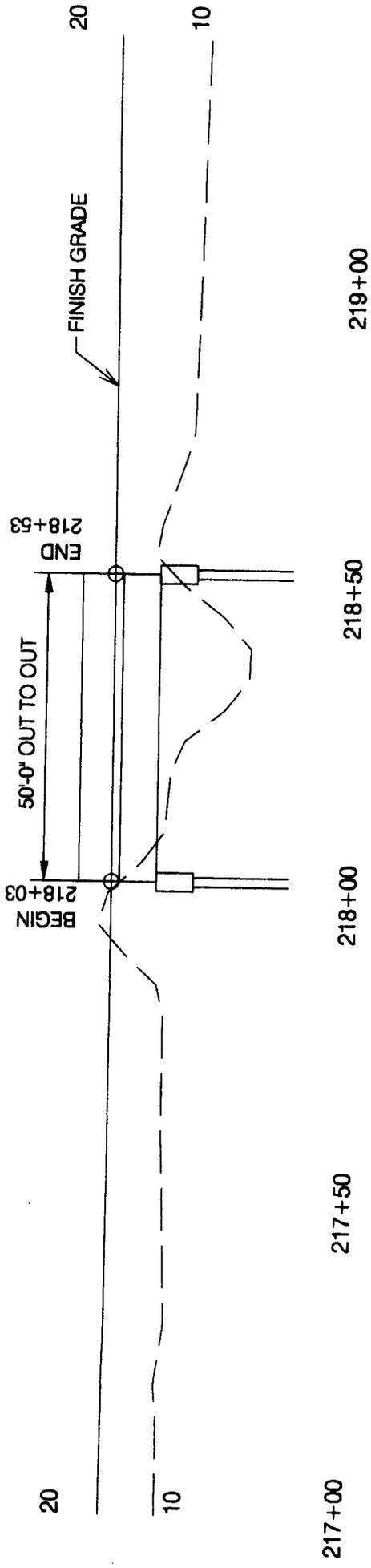
SECTION G-G



GRAPHIC SCALE 1" = 25'

PROPOSED NEW ROADWAY
 PALMETTO COMMERCE -
 PARKWAY EXTENSION
 PERMIT APPLICATION
 CHARLESTON COUNTY, S.C.
 DATE: JUNE 7, 2007
 SHEET 14 OF 24

BRIDGE PROFILE



SECTION H-H ALONG & SURVEY

--- DEMOTES EXISTING GROUND LINE



GRAPHIC SCALE 1" = 25'

PROPOSED NEW ROADWAY
PALMETTO COMMERCE -
PARKWAY EXTENSION
PERMIT APPLICATION
CHARLESTON COUNTY, S.C.
DATE: JUNE 7, 2007
SHEET 15 OF 24

PLAN VIEW

BOTTOMLAND HARDWOOD
WETLAND REFERENCE (WZ)
0.80 ACRES FILL
0.11 ACRES CLEAR & GRUB

MATCH LINE SHT. 1E

DRAINAGE DITCH
WETLAND REFERENCE (B)
0.01 ACRES FILL

DRAINAGE DITCH
WETLAND REFERENCE (WP)
NO IMPACT (BRIDGED)

BALD CYPRESS-GUM SWAMP
WETLAND REFERENCE (WQ)
0.004 ACRES FILL

PEPPERHILL SUBDIVISION

PALMETTO COMMERCE PARKWAY



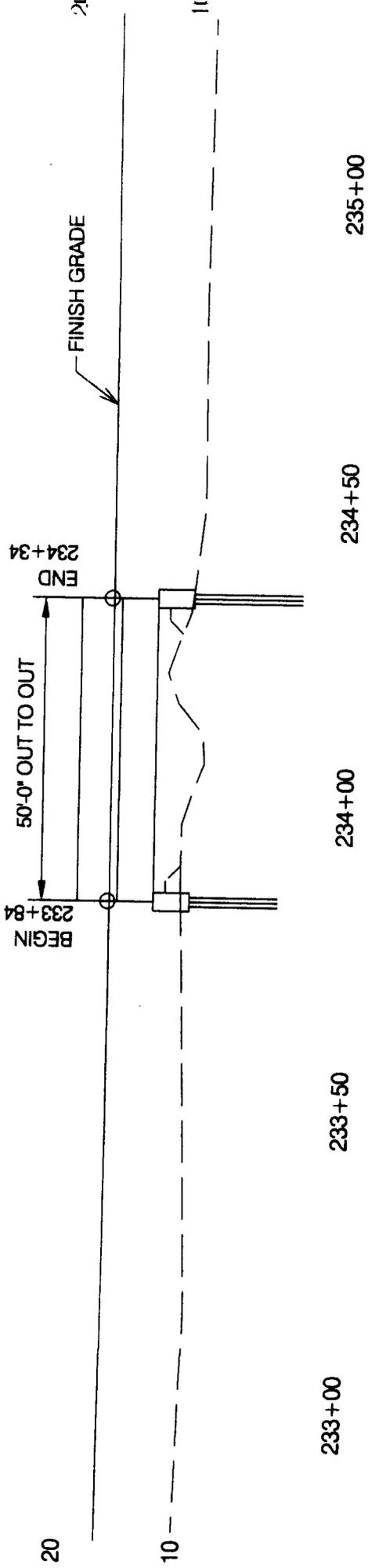
GRAPHIC SCALE 1" = 200'

- - - DENOTES PROPERTY LINE
-  - DENOTES FILL IMPACTS
-  - DENOTES CLEAR & GRUB IMPACTS

PROPOSED NEW ROADWAY
PALMETTO COMMERCE
PARKWAY EXTENSION
PERMIT APPLICATION
CHARLESTON COUNTY, S.C.
DATE: JUNE 7, 2007
SHEET 16 OF 24

MATCH LINE SHT. 13

BRIDGE PROFILE



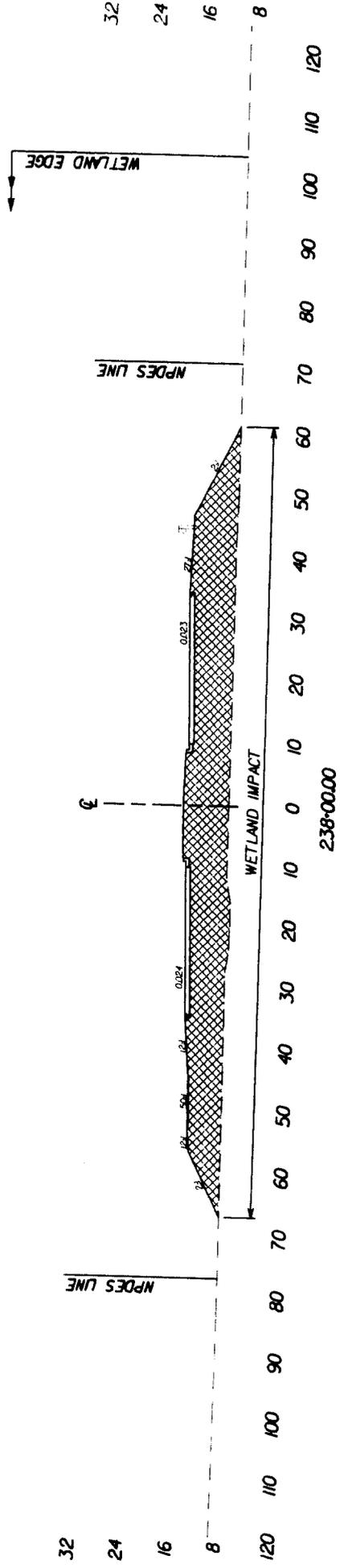
SECTION I-I ALONG & SURVEY



GRAPHIC SCALE 1" = 25'

PROPOSED NEW ROADWAY
PALMETTO COMMERCE -
PARKWAY EXTENSION
PERMIT APPLICATION
CHARLESTON COUNTY, S.C.
DATE: JUNE 7, 2007
SHEET 17 OF 24

CROSS SECTION



SECTION J-J

--- DENOTES EXISTING GROUND LINE



GRAPHIC SCALE 1" = 25'

PROPOSED NEW ROADWAY
 PALMETTO COMMERCE -
 PARKWAY EXTENSION
 PERMIT APPLICATION
 CHARLESTON COUNTY, S.C.
 DATE: JUNE 7, 2007
 SHEET 18 OF 24

PLAN VIEW



GRAPHIC SCALE 1" = 200'

EXIST. WIRE

EMERGENT WETLANDS
WETLAND (WAD) 0.02 ACRES FILL
WETLAND (WAE) 0.01 ACRES FILL
0.0007 ACRES CLEAR & GRUB (WAE)
WETLAND (WAG) NO IMPACT

HEADWATER WETLAND SYSTEM
WETLAND REFERENCE (WAF)
0.04 ACRES FILL
0.0003 ACRES CLEAR & GRUB

HEADWATER WETLAND SYSTEM
WETLAND REFERENCE (WG)
0.25 ACRES FILL
0.005 ACRES CLEAR & GRUB

DRAINAGE DITCH
WETLAND REFERENCE (II)
0.05 ACRES FILL

DRAINAGE DITCH
0.005 ACRES FILL
0.01 ACRES CLR & GRUB

BOTTOMLAND HARDWOOD
WETLAND REFERENCE (WC)
0.002 ACRES FILL
0.003 ACRES CLR & GRUB

PERENNIAL STREAM
WETLAND REFERENCE (7)
NO IMPACT

EMERGENT WETLANDS
WETLAND (WAC) 0.01 ACRES FILL
0.003 ACRES CLEAR & GRUB (WAC)
WETLAND (WAA) 0.01 ACRES FILL
WETLAND (WAB) 0.02 ACRES FILL

EMERGENT WETLAND
WETLAND REFERENCE (WAH)
0.02 ACRES FILL
0.0005 ACRES CLEAR & GRUB

EMERGENT WETLAND
WETLAND REFERENCE (WE)
0.15 ACRES FILL
0.01 ACRES CLEAR & GRUB

BOTTOMLAND HARDWOOD
WETLAND REFERENCE (WD)
0.85 ACRES FILL
0.06 ACRES CLEAR & GRUB

EMERGENT WETLAND
WETLAND REFERENCE (WB)
0.04 ACRES FILL
0.004 ACRES CLEAR & GRUB

--- DENOTES PROPERTY LINE

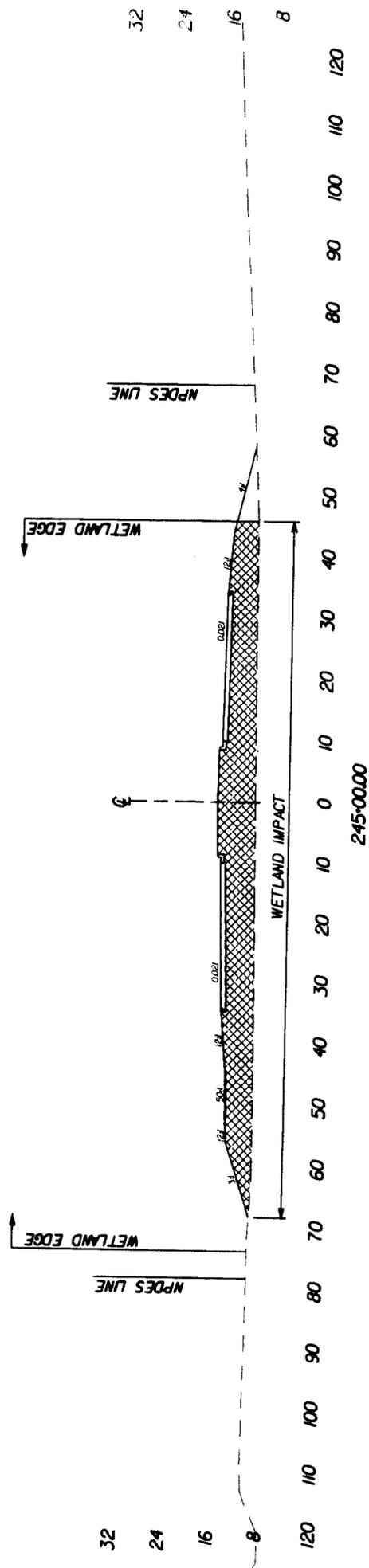
[Cross-hatched pattern] DENOTES FILL IMPACTS

[Solid black pattern] DENOTES CLEAR & GRUB IMPACTS

PROPOSED NEW ROADWAY
PALMETTO COMMERCE
PARKWAY EXTENSION
PERMIT APPLICATION
CHARLESTON COUNTY, S.C.
DATE: JUNE 7, 2007
SHEET 19 OF 24

MATCH LINE SHT. 16

CROSS SECTION



SECTION K-K

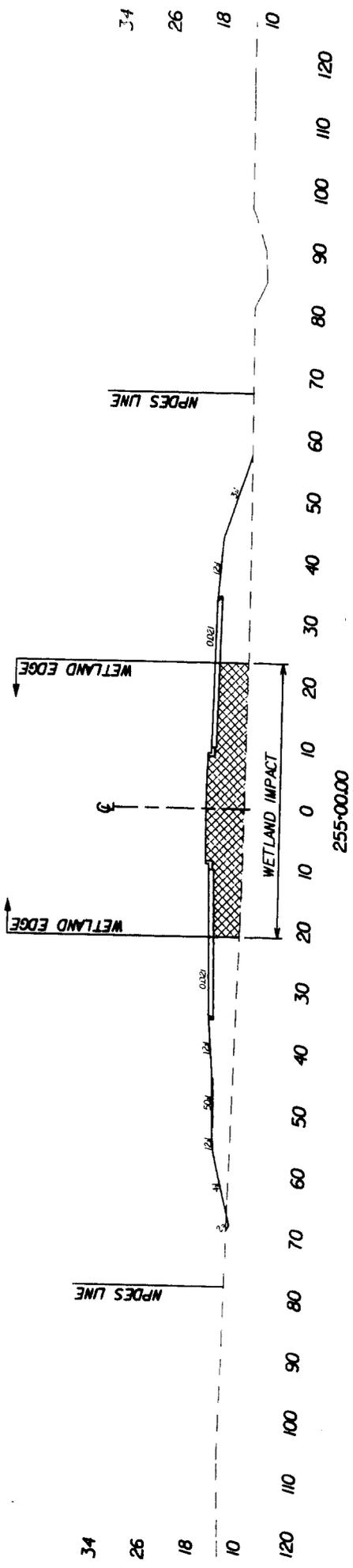
--- DEMOTES EXISTING GROUND LINE



GRAPHIC SCALE 1" = 25'

PROPOSED NEW ROADWAY
 PALMETTO COMMERCE -
 PARKWAY EXTENSION
 PERMIT APPLICATION
 CHARLESTON COUNTY, S.C.
 DATE: JUNE 7, 2007
 SHEET 20 OF 24

CROSS SECTION



SECTION 1-1

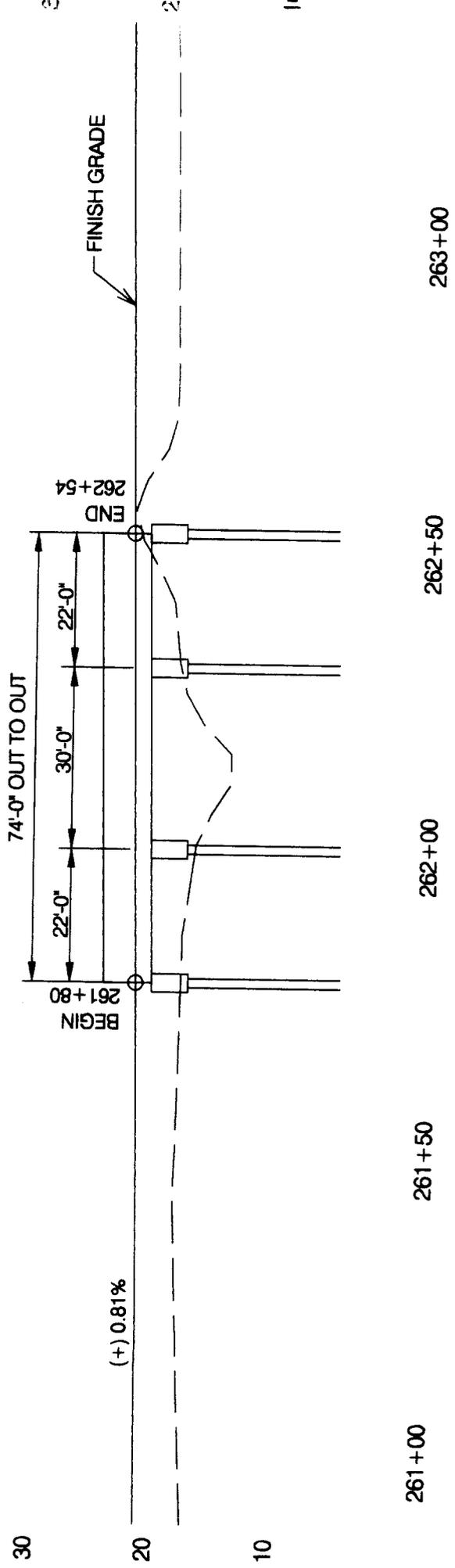
--- DENOTES EXISTING GROUND LINE



GRAPHIC SCALE 1" = 25'

PROPOSED NEW ROADWAY
PALMETTO COMMERCE
PARKWAY EXTENSION
PERMIT APPLICATION
CHARLESTON COUNTY, S.C.
DATE: JUNE 7, 2007
SHEET 21 OF 24

BRIDGE PROFILE



SECTION M-M ALONG & SURVEY

--- DEMOTES EXISTING GROUND LINE



PROPOSED NEW ROADWAY
 PALMETTO COMMERCE -
 PARKWAY EXTENSION
 PERMIT APPLICATION
 CHARLESTON COUNTY, S.C.
 DATE: JUNE 7, 2007
 SHEET 22 OF 24

PLAN VIEW

EMERGENT WETLAND
WETLAND REFERENCE (WA2)
0.67 ACRES FILL
0.08 ACRES CLEAR & GRUB

NORFOLK SOUTHERN RAILROAD

DRAINAGE DITCH
WETLAND REF.(1)
0.002 ACRES FILL

NORTH SPARTAN ROAD

NEW 50' ROW

PALMETTO COMMERCE PARKWAY

NEW 50' ROW

EMERGENT WETLAND
WETLAND REFERENCE (WA1)
0.005 ACRES FILL
0.009 ACRES CLEAR & GRUB

- DENOTES PROPERTY LINE

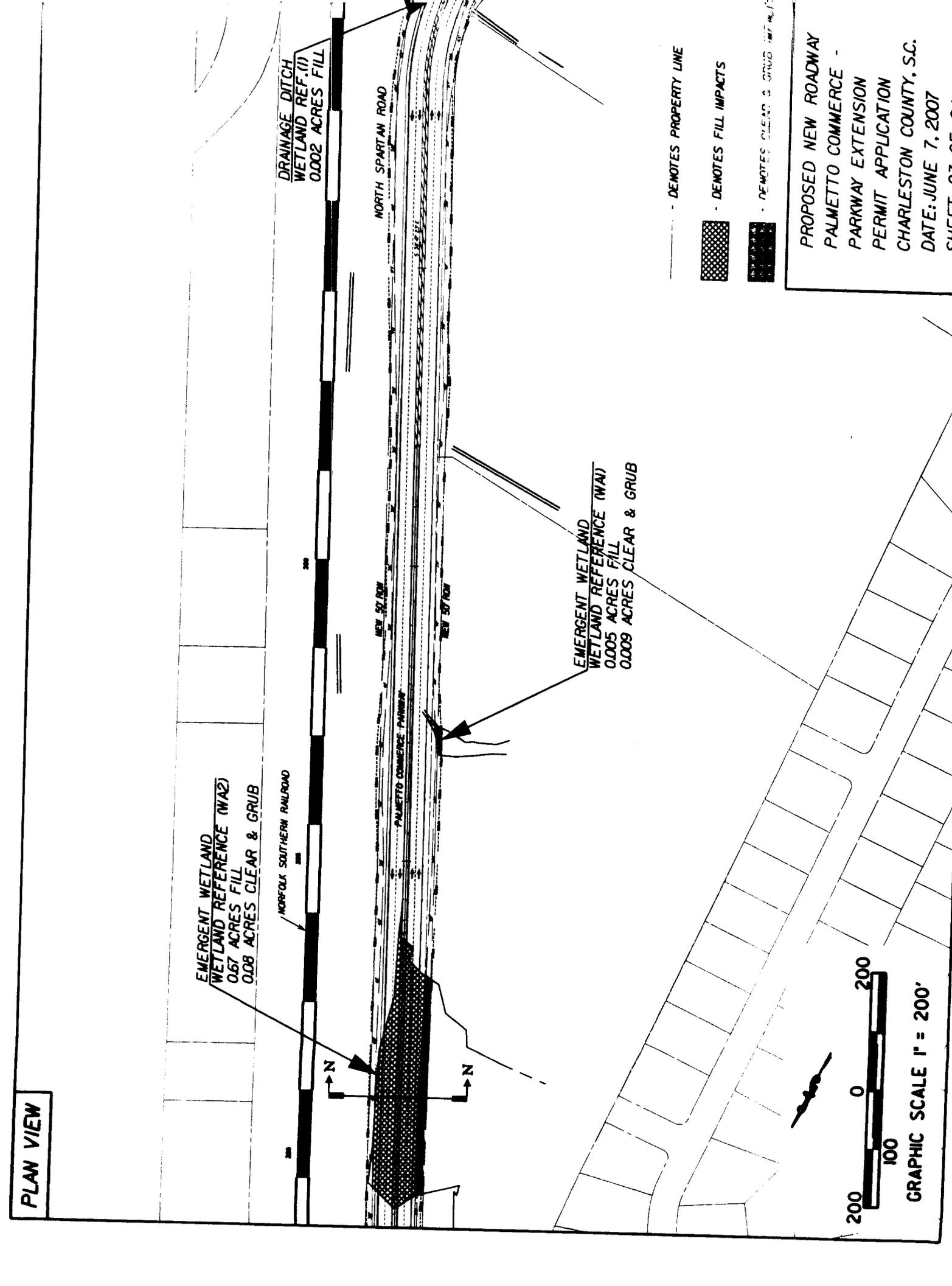
- DENOTES FILL IMPACTS

- DENOTES CLEAR & GRUB IMPACTS

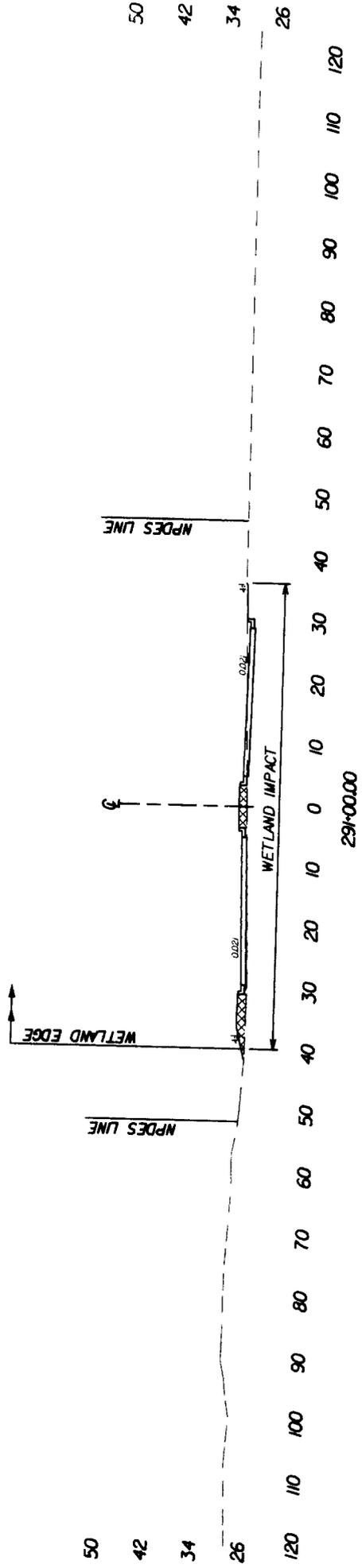
PROPOSED NEW ROADWAY
PALMETTO COMMERCE
PARKWAY EXTENSION
PERMIT APPLICATION
CHARLESTON COUNTY, S.C.
DATE: JUNE 7, 2007
SHEET 23 OF 24



GRAPHIC SCALE 1" = 200'



CROSS SECTION



GRAPHIC SCALE 1" = 25'

PROPOSED NEW ROADWAY
 PALMETTO COMMERCE -
 PARKWAY EXTENSION
 PERMIT APPLICATION
 CHARLESTON COUNTY, S.C.
 DATE: JUNE 7, 2007
 SHEET 24 OF 24