

**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 #2004-1G-384-C

10 DECEMBER 2004

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

**THE SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION**  
**C/O ZANDE-JON GUERRY TAYLOR, P.E., INC.**  
**767 COLEMAN BOULEVARD, SUITE 2**  
**MOUNT PLEASANT, SOUTH CAROLINA 29464**

for a permit to place fill material in freshwater wetlands adjacent to

**LONG BAY BRANCH**

at a location, adjacent to the existing Water Tower Road, Henry Road the Carolina Bays Parkway, and Long Branch, in Horry County, South Carolina.  
(Latitude 33.79564° - Longitude 78.79783°)

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, JANUARY 10, 2005**

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

The proposed work consists of placing fill material in approximately 11.6 acres of freshwater wetlands and performing excavation in approximately 3.9 acres of freshwater wetlands for construction of an interchange at Water Tower road on the existing Carolina Bays parkway (SC 31). The proposed interchange consists of two off-ramps and two on-ramps that tie the existing Water Tower Road overpass to the Carolina Bays Parkway. It will also include an auxiliary lane northbound along SC 31 between the new Water Tower Road interchange and the Conway Bypass (SC 22). As mitigation for the proposed work the applicant proposes to donate approximately 305 acres of Tiger Bay to the S. C. Department of Natural Resources Heritage Trust Program. The purpose of the proposed work is for access by local traffic to the Carolina Bays Parkway (SC 31), the Conway Bypass (SC 22) and local areas for emergency access such as fire, police and hurricane evacuation.

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 15.5 acres of freshwater substrates inland 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 project will have no effect on any Federally endangered, threatened, or proposed species and will not result in the destruction or adverse modification of designated or proposed critical habitat. 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 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.

Refer to: P/N #2004-1G-384-C

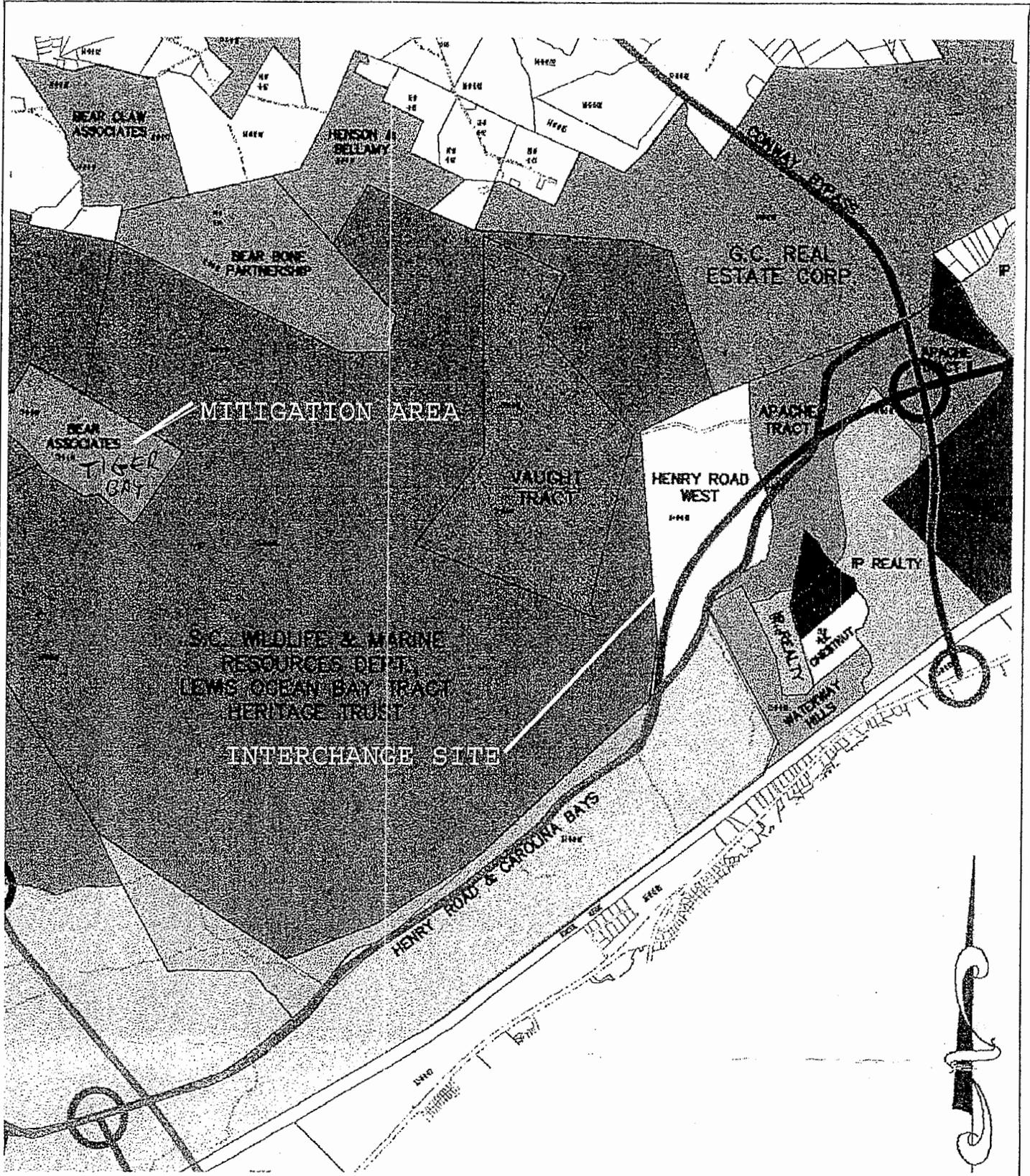
The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the activity on the public interest and will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency (EPA), under authority of Section 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.



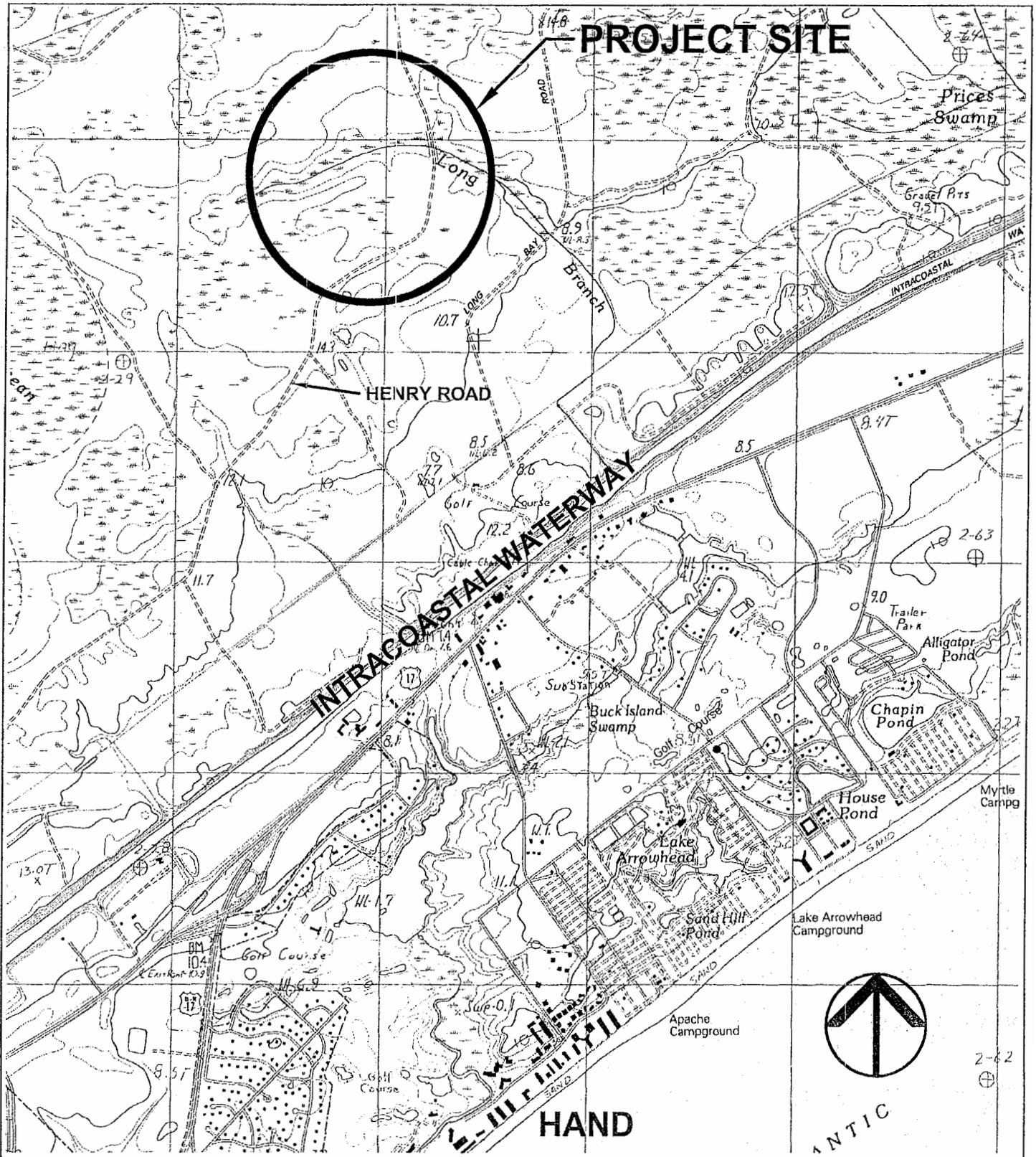
Mary Hope Glenn  
Project Manager  
Regulatory Division  
U.S. Army Corps of Engineers



**WATERTOWER ROAD AND  
 CAROLINA BAYS PARKWAY INTERCHANGE**  
 LOCATION MAP

NO SCALE

DATE: 12/01/04  
 SHEET: 1 OF 14



**WATERTOWER ROAD AND  
CAROLINA BAYS PARKWAY INTERCHANGE**

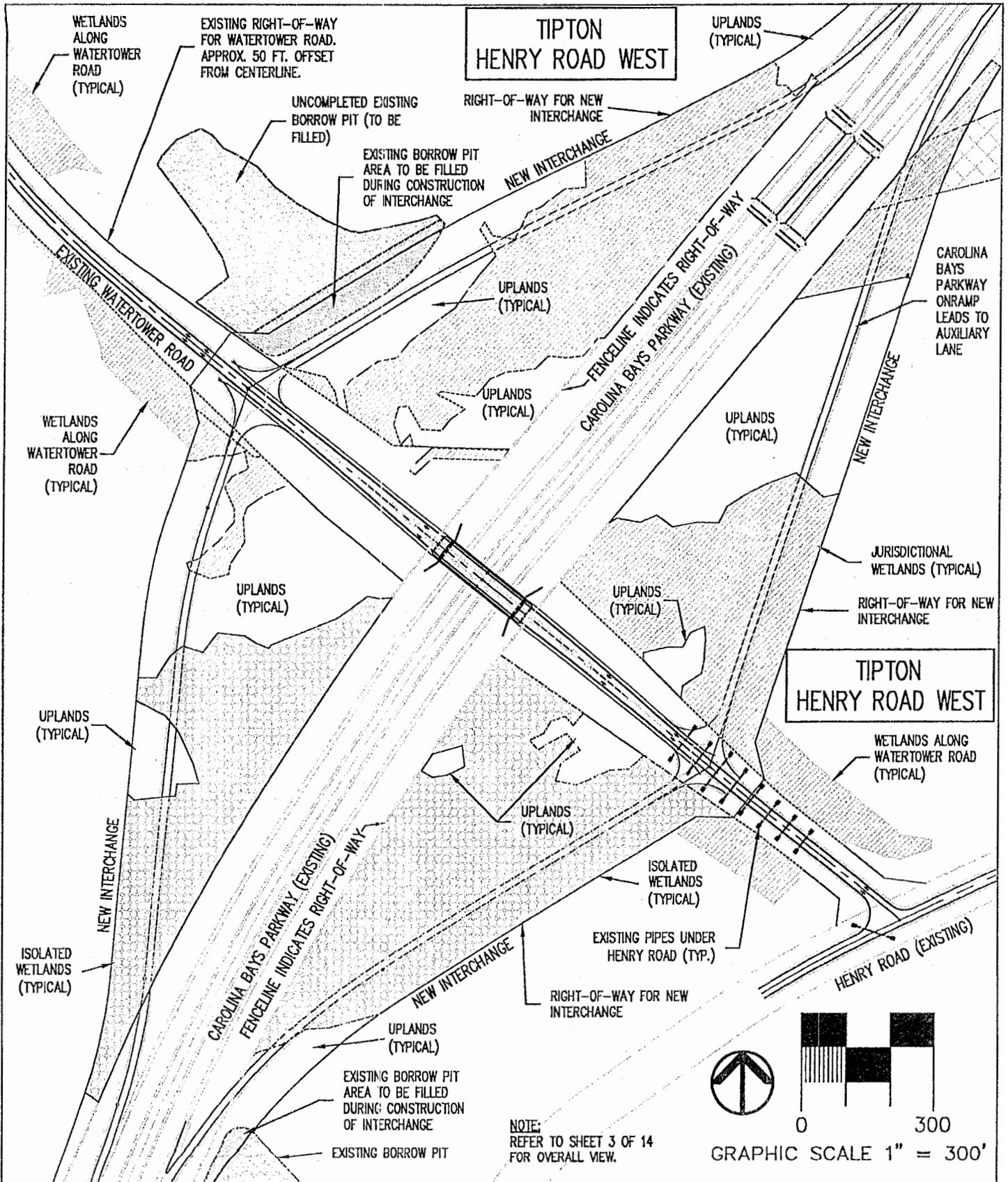
HAND QUAD MAP  
HORRY COUNTY, SC

SCALE: 1" = 2000'

LAT.: 33° 47' 55.4"  
LONG.: 78° 48' 05.3"

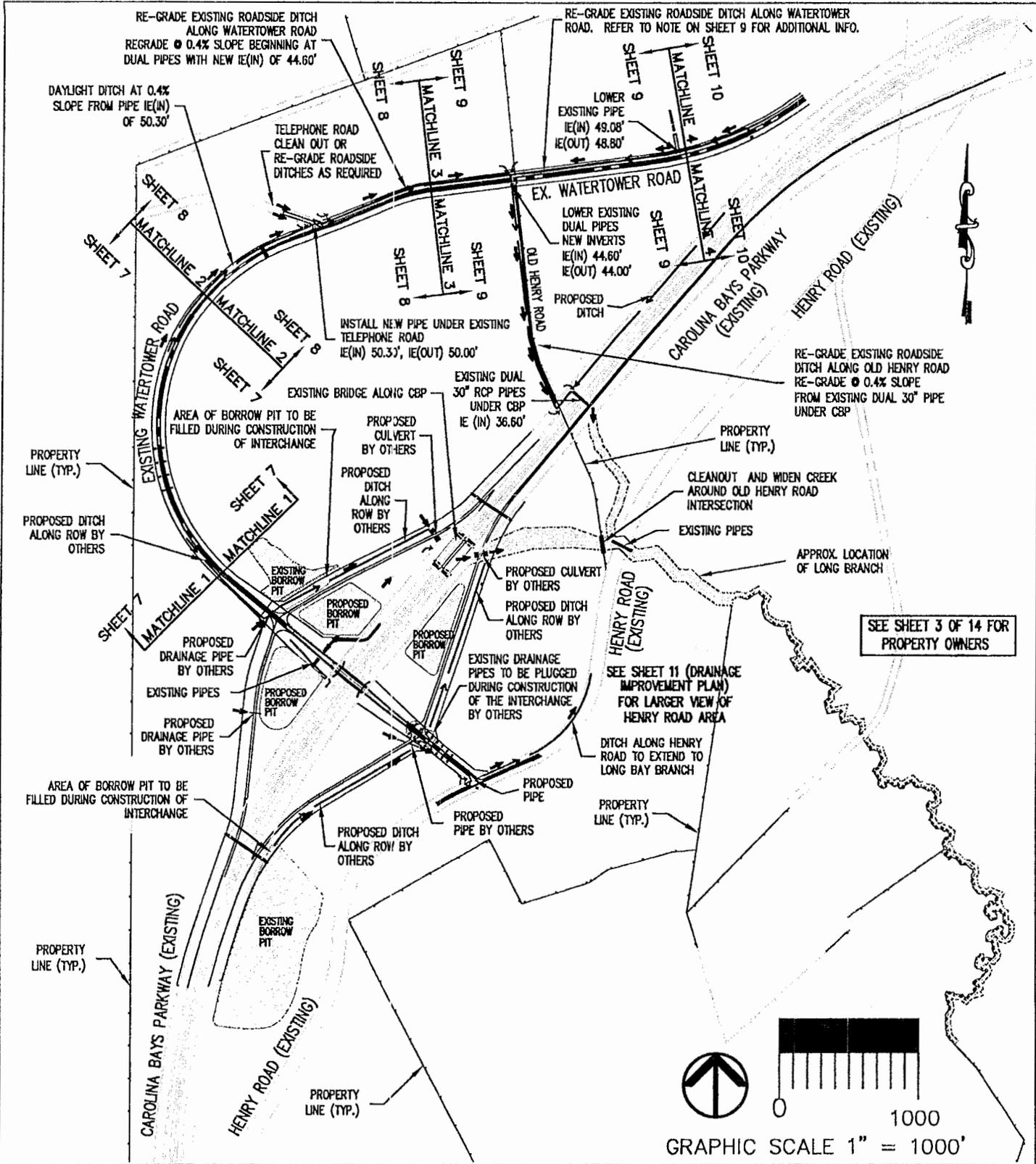
DATE: 12/01/04  
SHEET: 2 OF 14





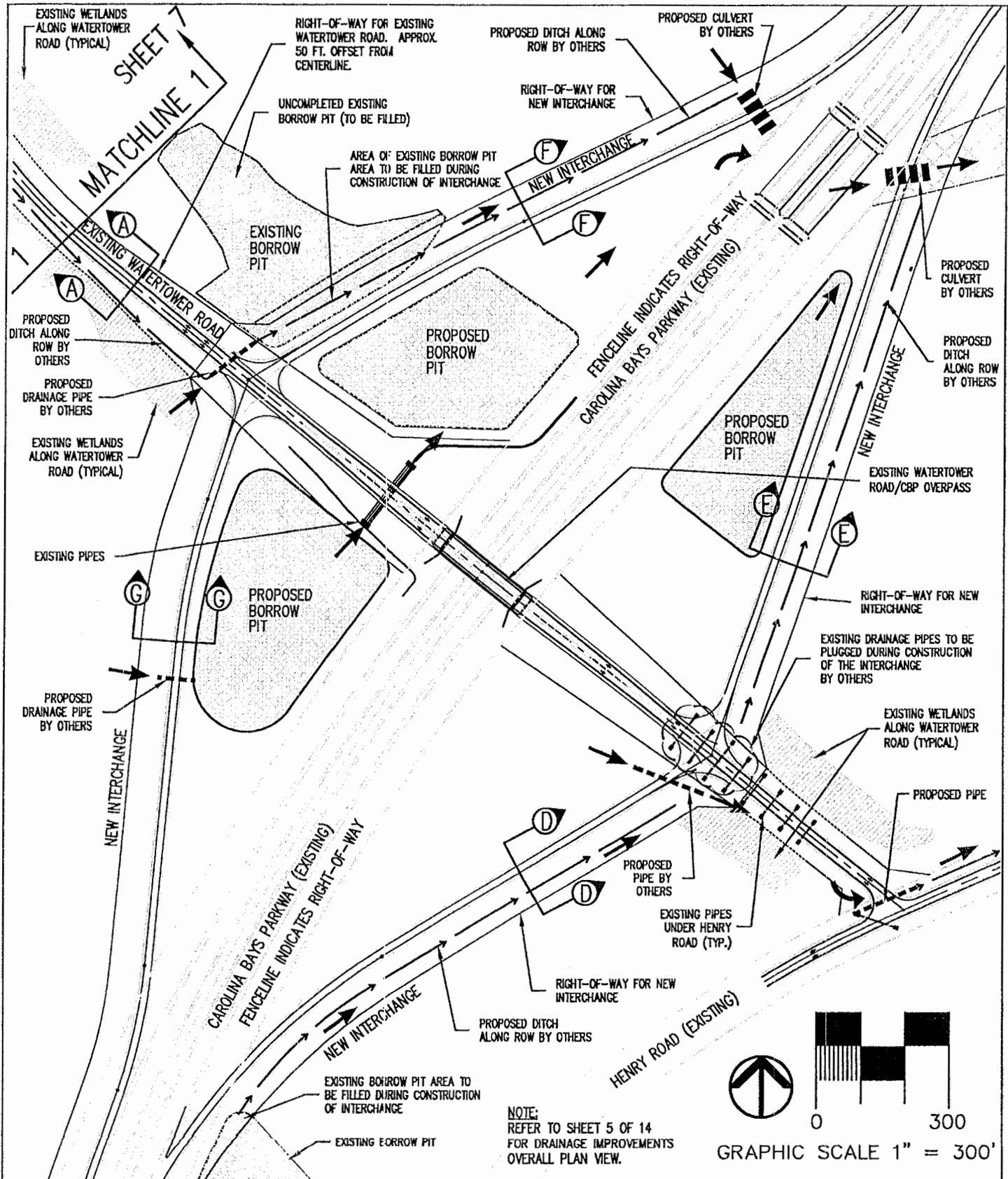
**EXISTING WETLANDS IMPACTED BY  
PROPOSED NEW INTERCHANGE AT WATERTOWER ROAD  
AND CAROLINA BAYS PARKWAY**

DATE: 12/01/04  
SHEET: 4 OF 14



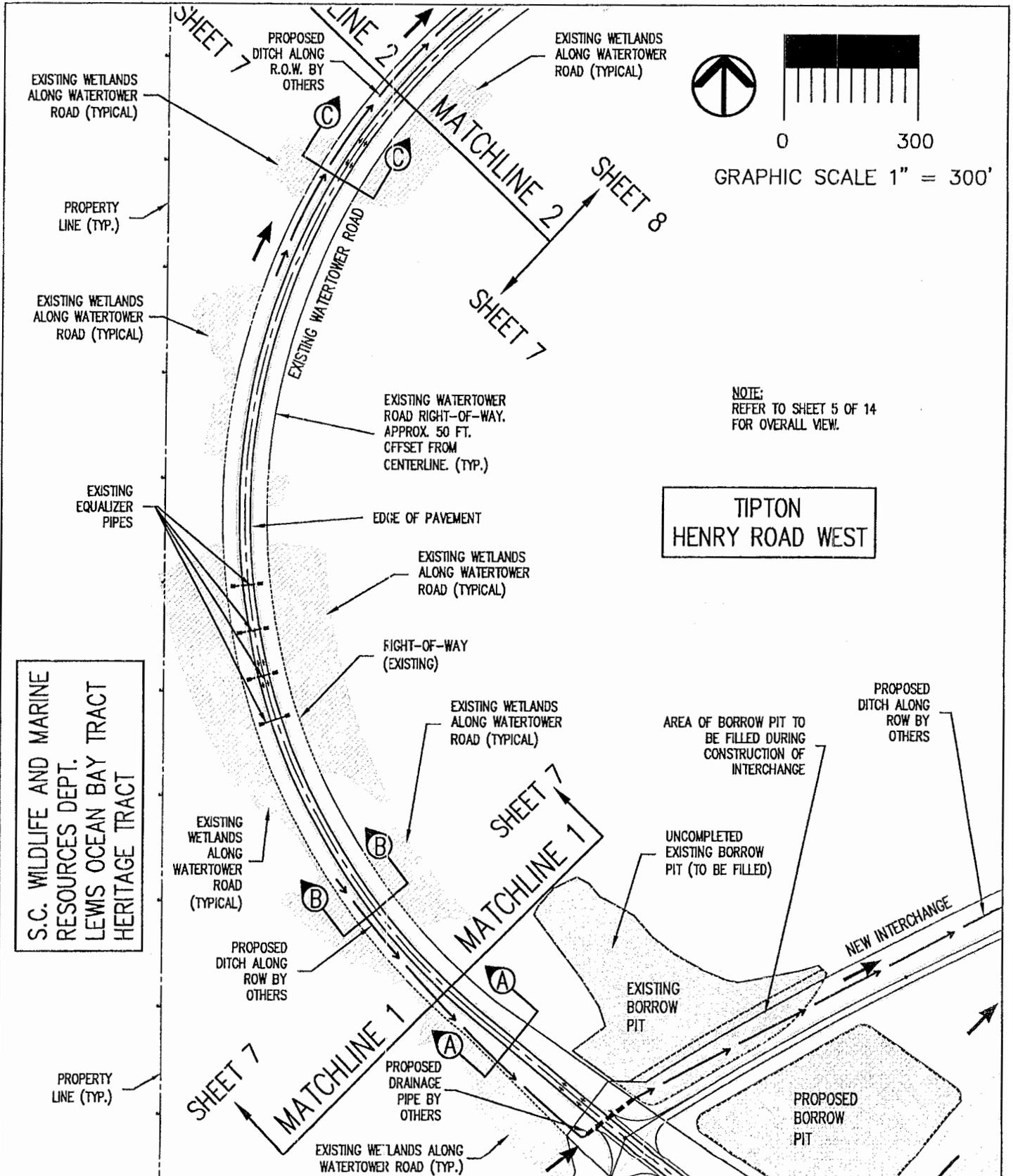
**PROPOSED DRAINAGE IMPROVEMENT PLAN FOR  
 EXISTING WATERTOWER ROAD  
 AND THE PROPOSED NEW INTERCHANGE  
 OVERALL PLAN AND KEY SHEET**

DATE: 12/01/04  
 SHEET: 5 OF 14



# PROPOSED DRAINAGE PLAN FOR THE PROPOSED NEW INTERCHANGE

DATE: 12/01/04  
SHEET: 6 OF 14



S.C. WILDLIFE AND MARINE  
RESOURCES DEPT.  
LEWIS OCEAN BAY TRACT  
HERITAGE TRACT

TIPTON  
HENRY ROAD WEST

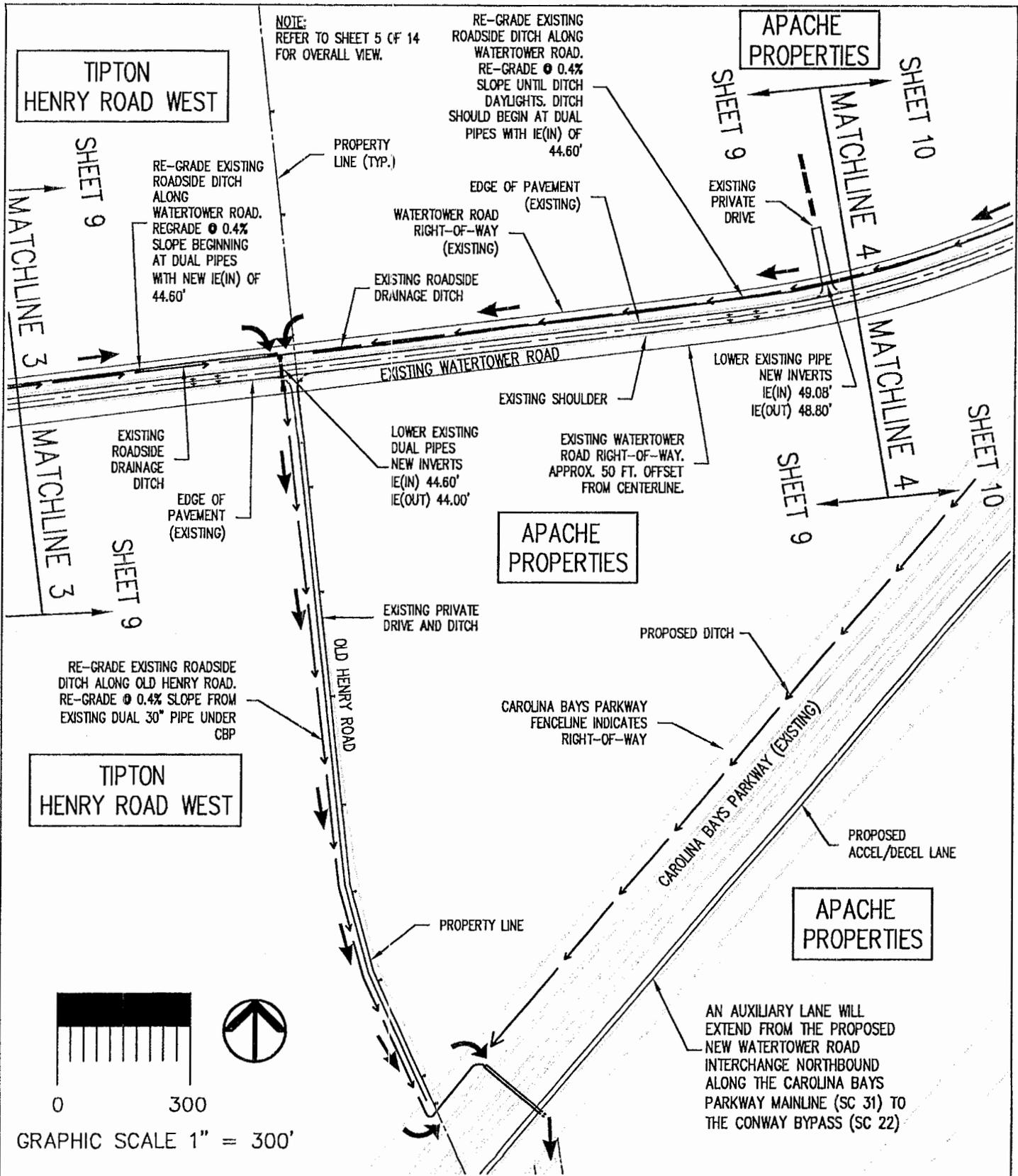
NOTE:  
REFER TO SHEET 5 OF 14  
FOR OVERALL VIEW.

**PROPOSED DRAINAGE IMPROVEMENT PLAN  
FOR EXISTING WATERTOWER ROAD**  
MATCHLINE 1

SCALE: 1" = 300'

DATE: 12/01/04  
SHEET: 7 OF 14





NOTE:  
REFER TO SHEET 5 OF 14  
FOR OVERALL VIEW.

TIPTON  
HENRY ROAD WEST

APACHE  
PROPERTIES

TIPTON  
HENRY ROAD WEST

APACHE  
PROPERTIES

APACHE  
PROPERTIES



GRAPHIC SCALE 1" = 300'

**PROPOSED DRAINAGE IMPROVEMENT PLAN  
FOR EXISTING WATERTOWER ROAD**

MATCHLINE 3

DATE: 12/01/04  
SHEET: 9 OF 14

NOTE:  
REFER TO SHEET 5 OF 14  
FOR OVERALL VIEW.

APACHE  
PROPERTIES

RE-GRADE EXISTING  
ROADSIDE DITCH ALONG  
WATERTOWER ROAD.  
RE-GRADE @ 0.4% SLOPE  
UNTIL DITCH DAYLIGHTS.  
DITCH SHOULD BEGIN AT  
DUAL PIPES WITH IE(IN) OF  
44.60'

CAROLINA BAYS  
PARKWAY  
FENCELINE  
INDICATES  
RIGHT-OF-WAY

WATERTOWER ROAD  
RIGHT-OF-WAY, APPROX.  
50 FT. OFFSET FROM  
CENTERLINE.

EDGE OF PAVEMENT  
(EXISTING)

SHEET 9

SHEET 10

MATCHLINE 4

EXISTING ROADSIDE  
DRAINAGE DITCH

EXISTING PRIVATE  
DRIVE

EXISTING CULVERT  
PIPE

CAROLINA BAYS PARKWAY (EXISTING)

LOWER EXISTING PIPE,  
NEW INVERTS  
IE(IN) 49.08'  
IE(OUT) 48.80'

SHEET 9

SHEET 10

MATCHLINE 4

CAROLINA BAYS PARKWAY  
FENCELINE INDICATES  
RIGHT-OF-WAY

PROPOSED DITCH

EXISTING  
SHOULDER

AN AUXILIARY LANE WILL  
EXTEND FROM THE  
PROPOSED NEW WATERTOWER  
ROAD INTERCHANGE  
NORTHBOUND ALONG THE  
CAROLINA BAYS PARKWAY  
MAINLINE (SC 31) TO THE  
CONWAY BYPASS (SC 22)

EDGE OF  
PAVEMENT

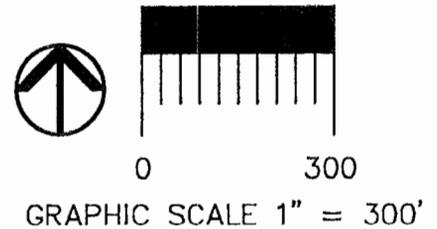
REACH 9

CAROLINA BAYS PARKWAY (EXISTING)

APACHE  
PROPERTIES

HENRY ROAD (EXISTING)

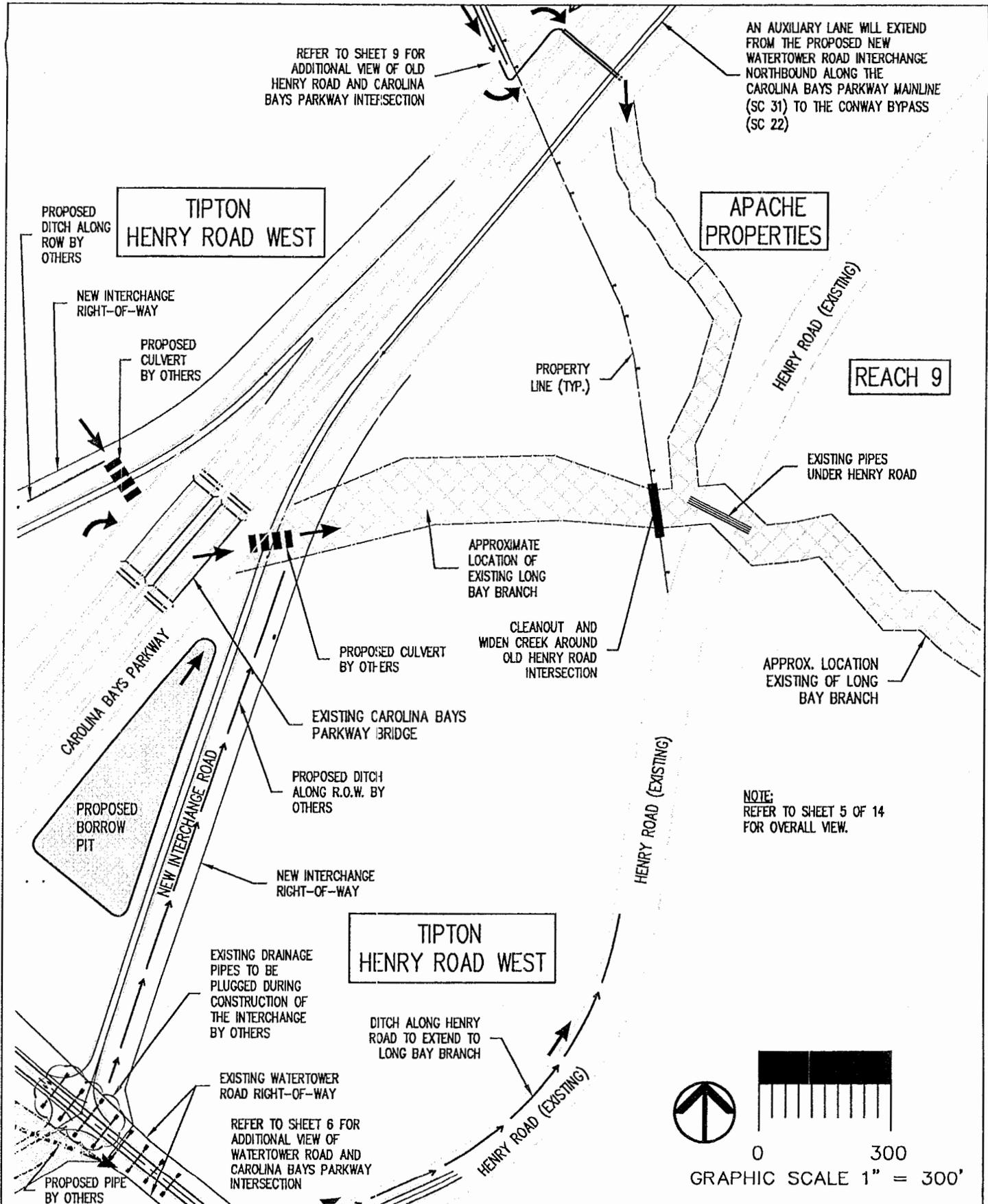
PROPOSED ACCEL/DECEL LANE



PROPOSED DRAINAGE IMPROVEMENT PLAN  
FOR EXISTING WATERTOWER ROAD

MATCHLINE 4

DATE: 12/01/04  
SHEET: 10 OF 14



REFER TO SHEET 9 FOR  
ADDITIONAL VIEW OF OLD  
HENRY ROAD AND CAROLINA  
BAYS PARKWAY INTERSECTION

AN AUXILIARY LANE WILL EXTEND  
FROM THE PROPOSED NEW  
WATERTOWER ROAD INTERCHANGE  
NORTHBOUND ALONG THE  
CAROLINA BAYS PARKWAY MAINLINE  
(SC 31) TO THE CONWAY BYPASS  
(SC 22)

TIPTON  
HENRY ROAD WEST

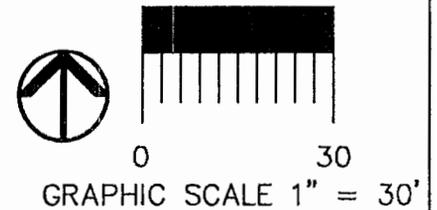
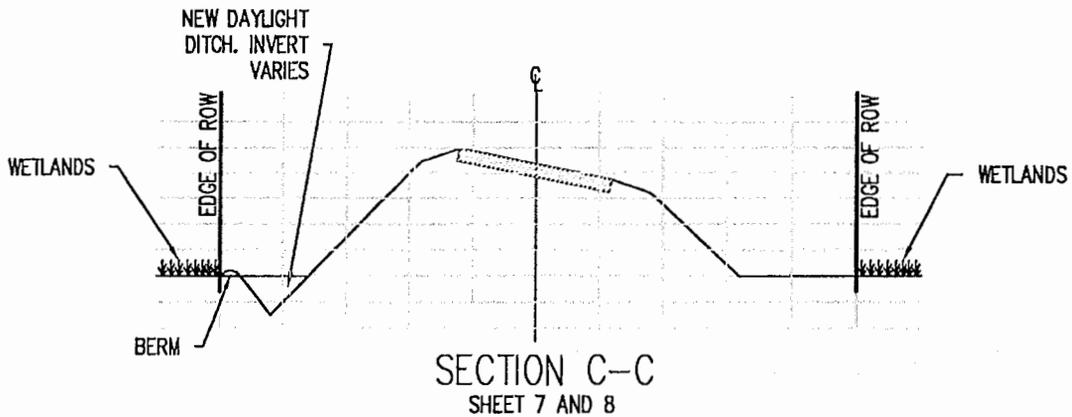
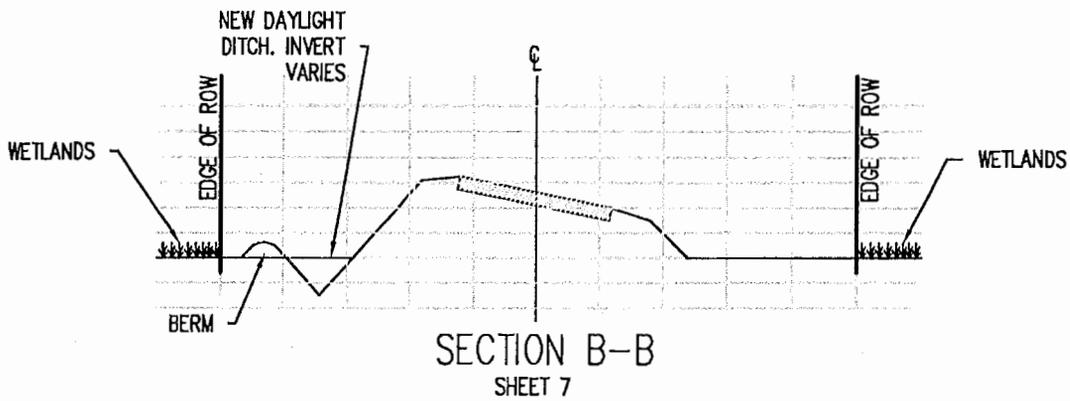
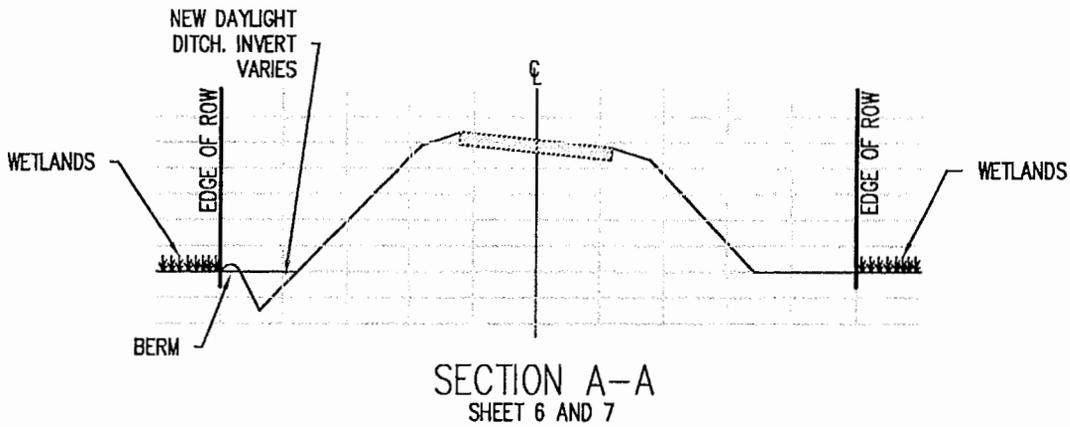
APACHE  
PROPERTIES

REACH 9

TIPTON  
HENRY ROAD WEST

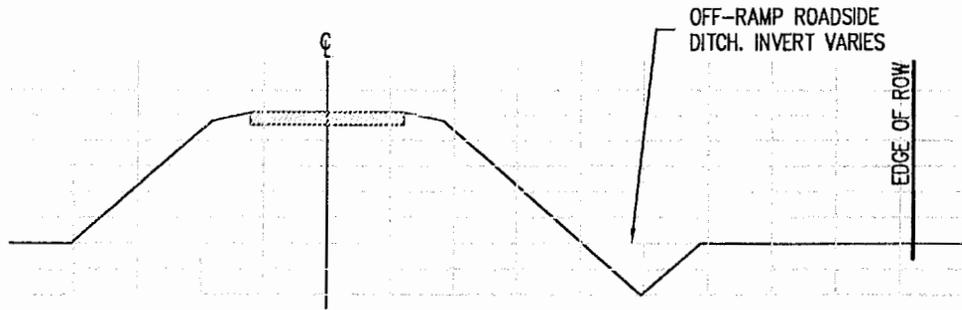
**PROPOSED DRAINAGE IMPROVEMENT PLAN FOR  
THE EXISTING HENRY ROAD & LONG BAY BRANCH AREA  
NEAR THE PROPOSED INTERCHANGE**

DATE: 12/01/04  
SHEET: 11 OF 14

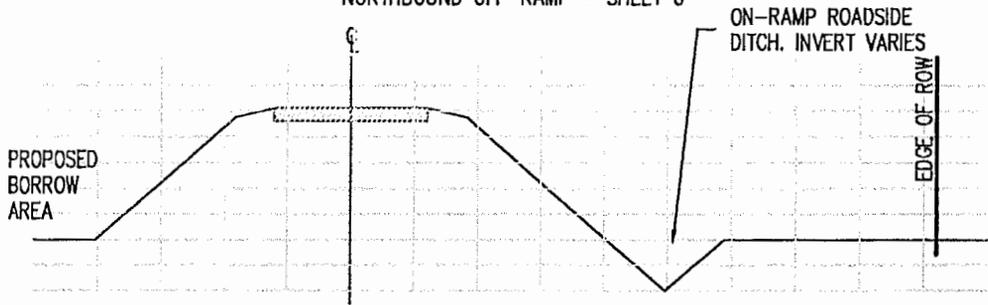


**PROPOSED DRAINAGE IMPROVEMENT CROSS SECTIONS  
FOR THE EXISTING WATERTOWER ROAD  
NEAR THE PROPOSED INTERCHANGE**

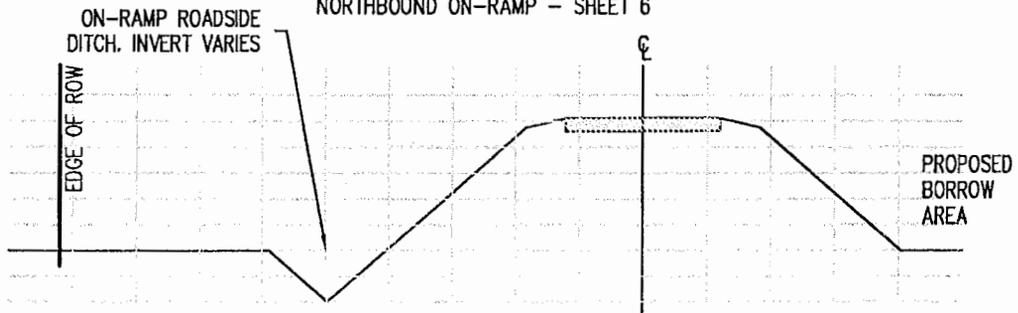
DATE: 12/01/04  
SHEET: 12 OF 14



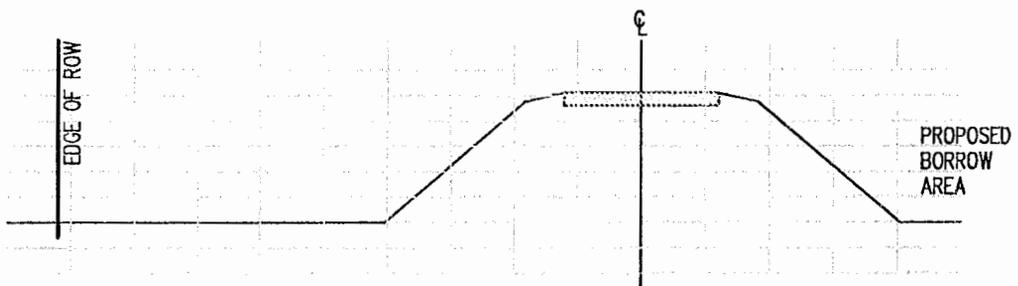
SECTION D-D  
NORTHBOUND OFF-RAMP - SHEET 6



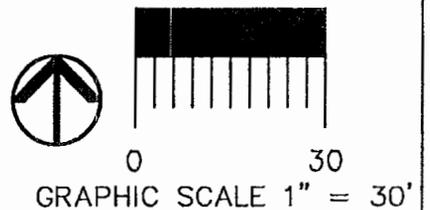
SECTION E-E  
NORTHBOUND ON-RAMP - SHEET 6



SECTION F-F  
SOUTHBOUND ON-RAMP - SHEET 6

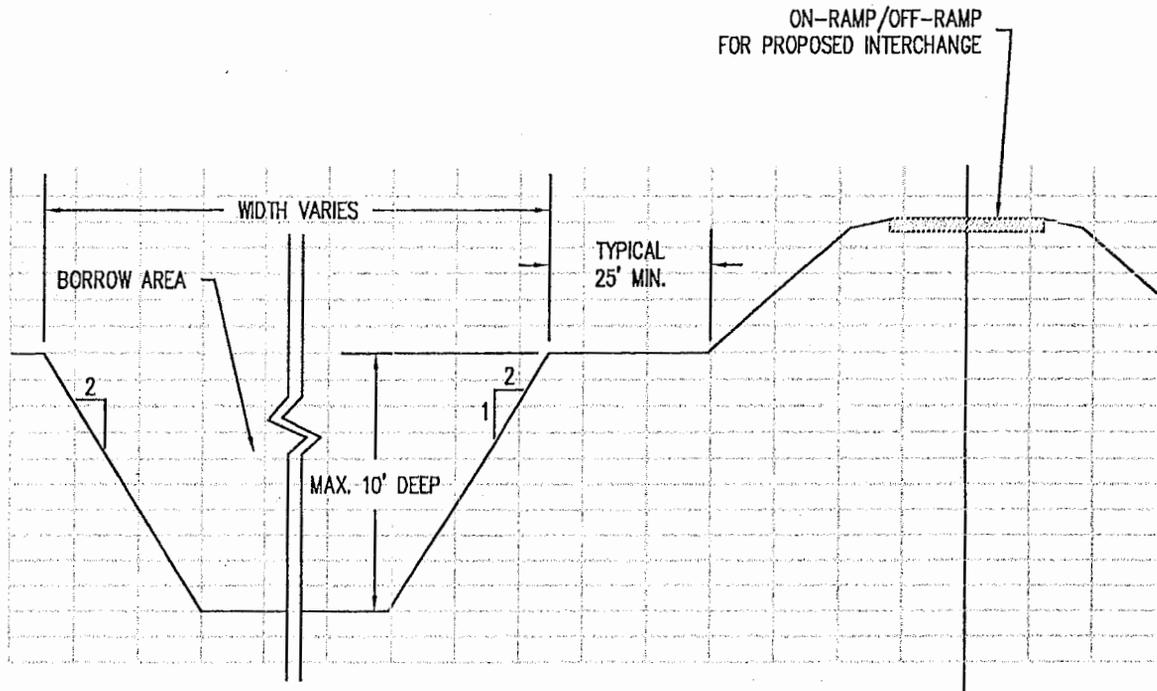


SECTION G-G  
SOUTHBOUND OFF-RAMP - SHEET 6

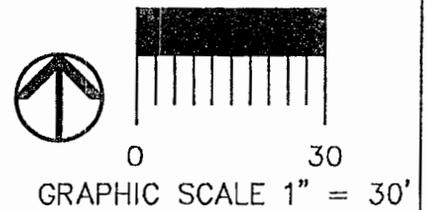


**PROPOSED DRAINAGE CROSS SECTIONS  
FOR THE WATERTOWER ROAD  
PROPOSED INTERCHANGE**

DATE: 12/01/04  
SHEET: 13 OF 14



PROPOSED BORROW AREA TYPICAL CROSS SECTION



PROPOSED BORROW AREA CROSS SECTION  
 TYPICAL FOR THE WATERTOWER ROAD  
 PROPOSED INTERCHANGE

DATE: 12/01/04  
 SHEET: 14 OF 14