

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 #2010-00854-DIJ

February 23, 2012

Pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403), 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

South Carolina Department of Transportation
Post Office Box 191, 955 Park Street
Columbia, South Carolina 20202-0191

for a permit to place fill material in waters of the U.S. (including wetlands) adjacent to and within unnamed tributaries of

King Branch and Limehouse Branch

located along College Park Road, between US 17A and Savannah Road and at the intersection of Myers Road and US 17A in Berkeley County, South Carolina (Latitude 33.046808, Longitude -80.108315 to Latitude 33.024114, Longitude -80.089322).

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 the **Corps** until

15 DAYS FROM THE DATE OF THIS NOTICE

And SCDHEC will receive written statements regarding the proposed work until

30 DAYS FROM THE DATE OF THIS NOTICE

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

The proposed work consists of widening S-62 (College Park Road) from US 17A to S-567 (Savannah Road) to five lanes; including four 12-foot travel lanes (two in each direction) and one continuous 15-foot turn lane for use in turning movements along the corridor and for traffic separation purposes. The proposed roadway typical section also includes five-foot sidewalks and four-foot marked bicycle lanes on both sides as well as curb and gutter improvements. Based on the current plans, the typical section of the widened roadway would be 87 feet. The proposed speed limit would be 45 miles per hour. Additionally, approximately 800 feet of Myers Road will be realigned to the north of its current alignment to create a T-intersection with US 17A. The project also includes proposed safety improvements to side streets along College Park Road, including S-202 (Eaglebrook Drive), Wide Awake Circle, S-567 (Berkeley Farms Road) and Semester Land.

In detail, the proposed project will impact a total of 0.155 acre of wetland (0.131 ac cut/fill and 0.024 ac mechanized landclearing) and will require 832 linear feet of tributaries to be piped, armored, and/or relocated.

Purpose: According to the applicant, the purpose of the proposed work is to improve traffic flow along College Park Road between US 17A and Savannah Road and to improve safety at the intersection of Myers Road and US 17A.

Avoidance and Minimization: The applicant states that efforts to avoid and/or minimize impacts to waters of the US include:

- 2:1 roadway approach fill slopes were designed where feasible
- Sediment and erosion control measures, consistent with the State's best management practices (BMPs), will be installed during construction

Mitigation: The applicant states that, as calculated from the Charleston District's Guidelines for Preparing a Compensatory Mitigation Plan, 1.6 wetland mitigation credits and 3,408.3 stream mitigation credits would be required to compensate for the project's impacts. The wetland credits are proposed to be purchased from Black River Mitigation Bank, while the stream credits will come from permittee-responsible mitigation.

The permittee-responsible stream restoration project will include various restoration and enhancement activities along approximately 1,500 linear feet of the unnamed tributary to King Branch (UT) to a position outside of the footprint of the proposed alignment of College Park Road. Restoration goals include reducing sediment loads from channel banks, improving water quality, providing/enhancing flood attenuation, and restoring and enhancing aquatic and riparian habitat.

A portion of this UT has been channelized and disturbed through previous activities and it displays degraded physical, biological, and chemical functions when compared to what is expected in a stable system. The conceptual mitigation plan for the UT includes relocating the channel from its current location to a point outside of the proposed cut/fill limits of the new College Park Road alignment. A new channel will be designed using Natural Channel Design principals. Relocating the channel will include excavating dimension, pattern and profile along the UT that conveys its bankfull discharge and sediment in a manner in which the channel will not degrade or aggrade over time. A floodplain bench will be excavated at the bankfull elevation to alleviate stress on the channel during flood flows. The relocated channel's side slopes will be seeded, mulched and protected with biodegraded coir fiber matting. Vegetation in the form of native bare roots and live stakes will be installed along the channel banks, with the floodplain and riparian areas protected by SCDOT. It is anticipated that the mitigation activities will occur immediately following grading of the relocated sections of College Park Road.

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 approximately 0.16 acre of wetland and 832 linear feet of tributaries upstream 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).

Pursuant to Section 106 of the National Historic Preservation Act (NHPA), this public notice also constitutes a request to Indian Tribes to notify the District Engineer of any historic properties of religious and cultural significance to them that may be affected by the proposed undertaking.

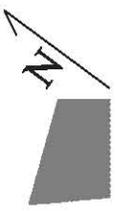
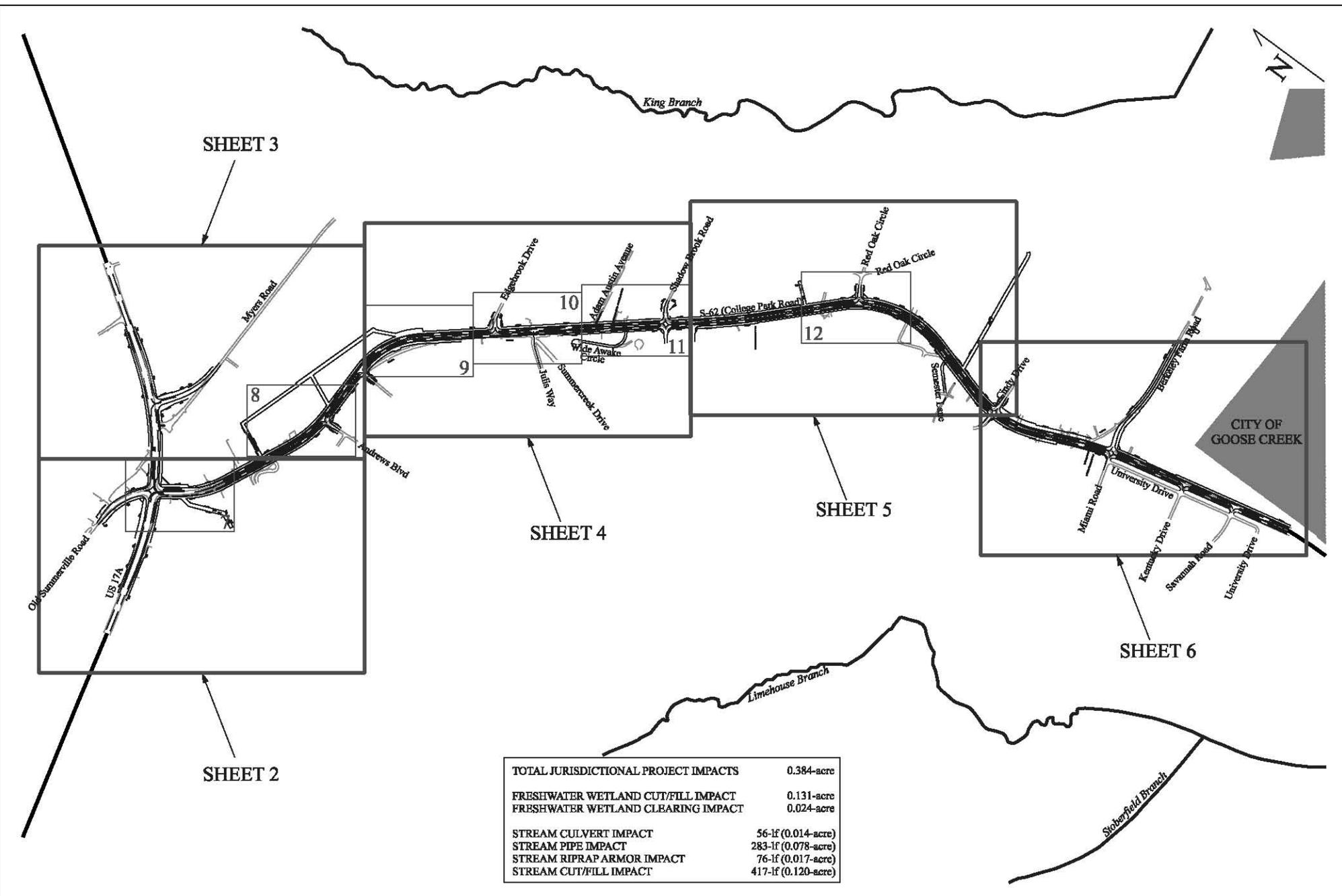
In accordance with the NHPA, the District Engineer has also consulted the latest published version of the National Register of Historic Places for the presence or absence of registered properties, or properties listed as being eligible for inclusion therein, and this worksite is not included as a registered property or property listed as being eligible for inclusion in the Register. To insure that other cultural resources that the District Engineer is not aware of are not overlooked, this public notice also serves as a request to the State Historic Preservation Office to provide any information it may have with regard to historic and cultural resources.

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 Elizabeth Williams at 843-329-8044 or toll free at 1-866-329-8187.



TOTAL JURISDICTIONAL PROJECT IMPACTS	0.384-acre
FRESHWATER WETLAND CUT/FILL IMPACT	0.131-acre
FRESHWATER WETLAND CLEARING IMPACT	0.024-acre
STREAM CULVERT IMPACT	56-lf (0.014-acre)
STREAM PIPE IMPACT	283-lf (0.078-acre)
STREAM RIPRAP ARMOR IMPACT	76-lf (0.017-acre)
STREAM CUT/FILL IMPACT	417-lf (0.120-acre)

STV/Ralph Whitehead Associates

1000 West Morehead Street, Suite 200
 Charlotte, North Carolina 28208
 (704) 372-1885 fax: (704) 372-3393

APPLICATION BY THE SOUTH CAROLINA
 DEPARTMENT OF TRANSPORTATION

SCDOT
South Carolina Department of Transportation

COLLEGE PARK ROAD (S-62) AREA ROADWAY IMPROVEMENTS
 BERKELEY COUNTY, SOUTH CAROLINA
 SCDOT FILE: 8.038779 SCDOT PIN: 38779_PE01

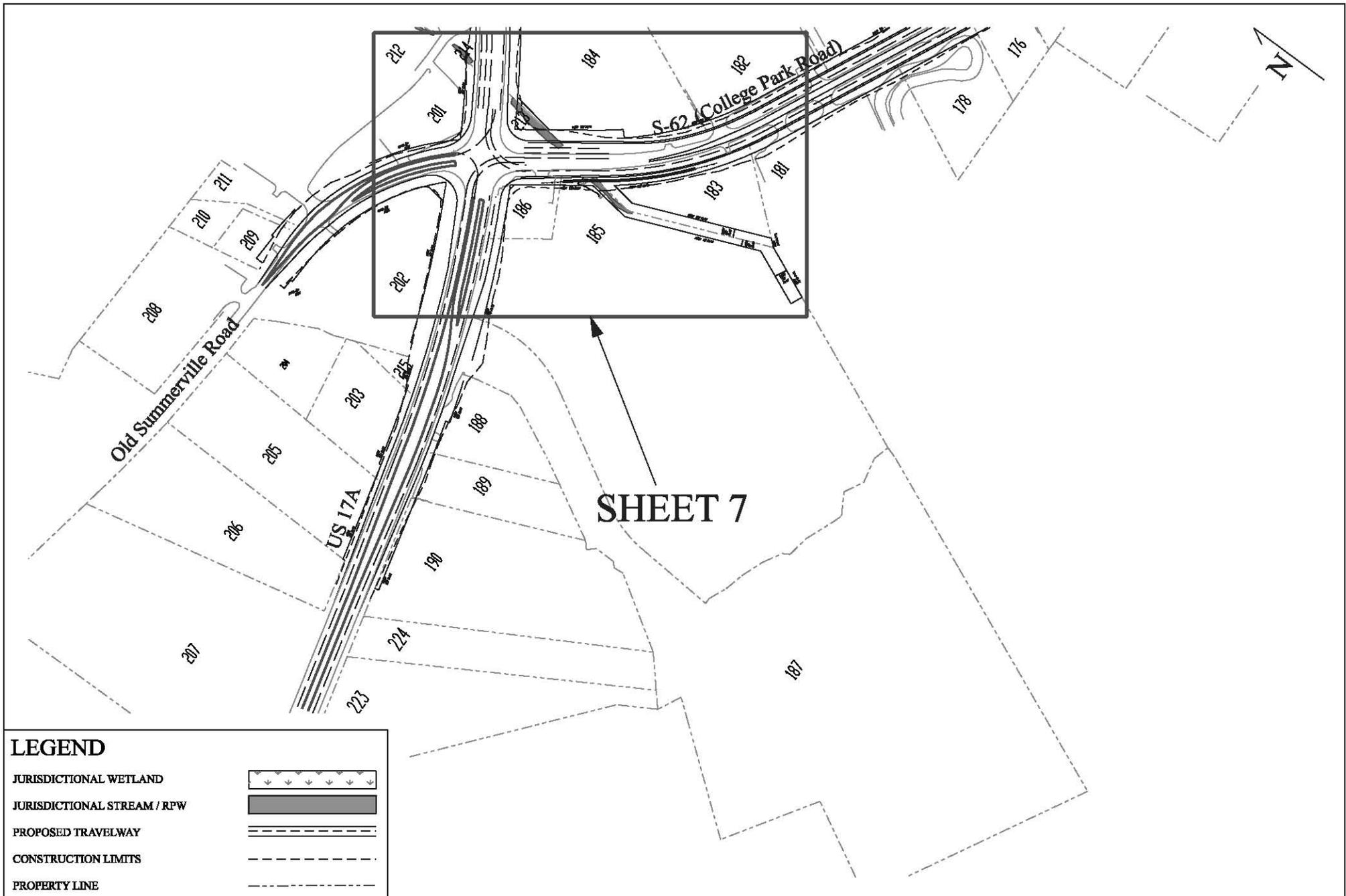
USACE SAC: 2010-00854-DJM STV/RWA PROJECT: 2514591

SCALE 0 ft 1,200 ft 2,400 ft

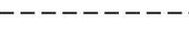
OVERALL PROJECT PLAN VIEW LOCATION MAP

FEBRUARY 1, 2012

SHEET 1 OF 17



LEGEND

- JURISDICTIONAL WETLAND 
- JURISDICTIONAL STREAM / RPW 
- PROPOSED TRAVELWAY 
- CONSTRUCTION LIMITS 
- PROPERTY LINE 

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 BERKELEY COUNTY, SOUTH CAROLINA
 SCDOT FILE: 8.038779 SCDOT PIN: 38779_PE01

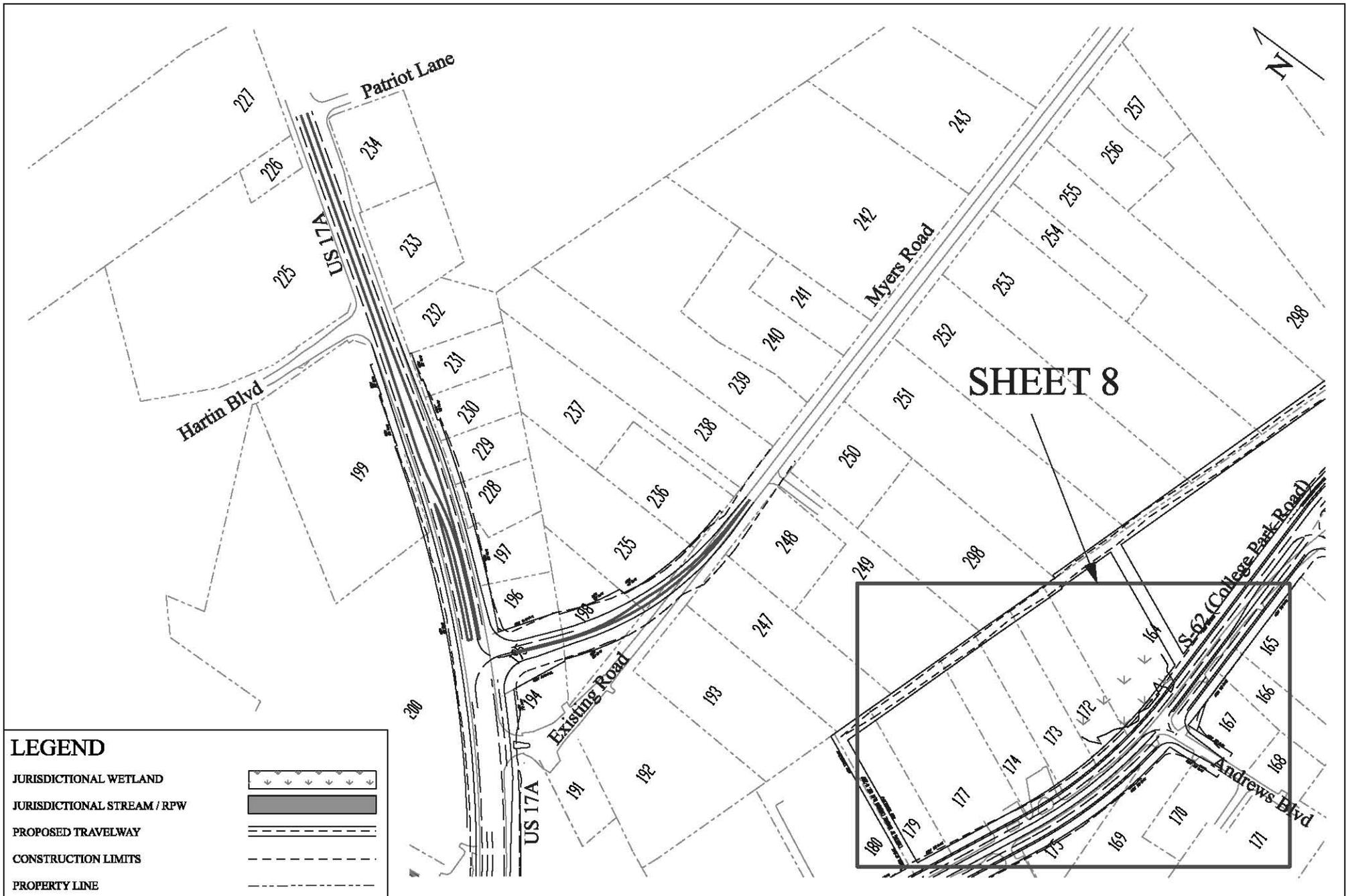
USACE SAC: 2010-00854-DJM STV/RWA PROJECT: 2514591

SCALE  0 ft 300 ft 600 ft

PROJECT PLAN VIEW

FEBRUARY 1, 2012

SHEET 2 OF 17



SHEET 8

LEGEND

JURISDICTIONAL WETLAND	
JURISDICTIONAL STREAM / RPW	
PROPOSED TRAVELWAY	
CONSTRUCTION LIMITS	
PROPERTY LINE	

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 BERKELEY COUNTY, SOUTH CAROLINA
 SCDOT FILE: 8.038779 SCDOT PIN: 38779_PE01

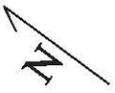
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SCALE

PROJECT PLAN VIEW

FEBRUARY 1, 2012

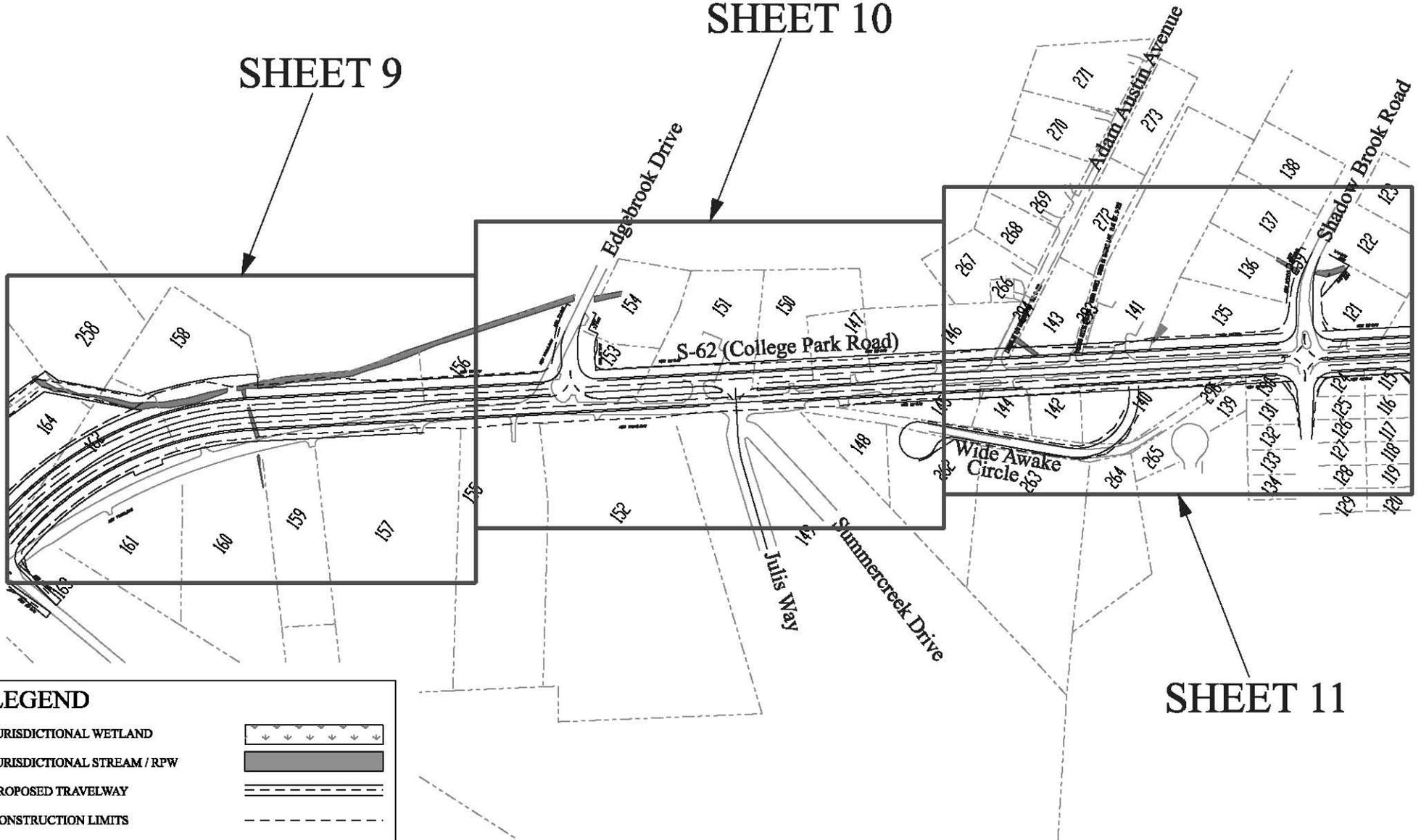
SHEET 3 OF 17



SHEET 9

SHEET 10

SHEET 11



LEGEND

JURISDICTIONAL WETLAND	
JURISDICTIONAL STREAM / RPW	
PROPOSED TRAVELWAY	
CONSTRUCTION LIMITS	
PROPERTY LINE	

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APPLICATION BY THE SOUTH CAROLINA
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BERKELEY COUNTY, SOUTH CAROLINA
SCDOT FILE: 8.038779 SCDOT PIN: 38779_PE01

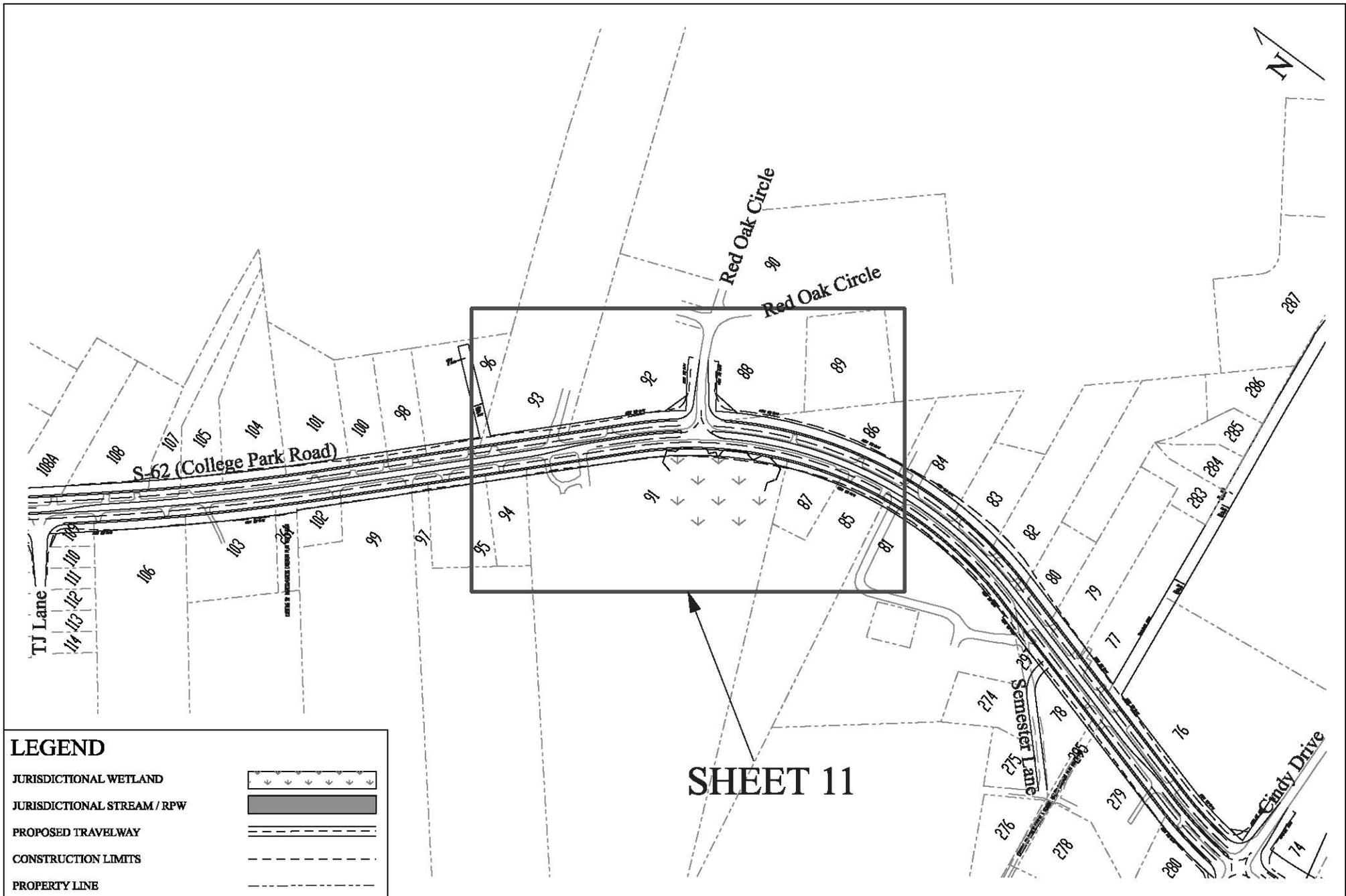
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SCALE

PROJECT PLAN VIEW

FEBRUARY 1, 2012

SHEET 4 OF 17



LEGEND

JURISDICTIONAL WETLAND	
JURISDICTIONAL STREAM / RPW	
PROPOSED TRAVELWAY	
CONSTRUCTION LIMITS	
PROPERTY LINE	

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South Carolina Department of Transportation

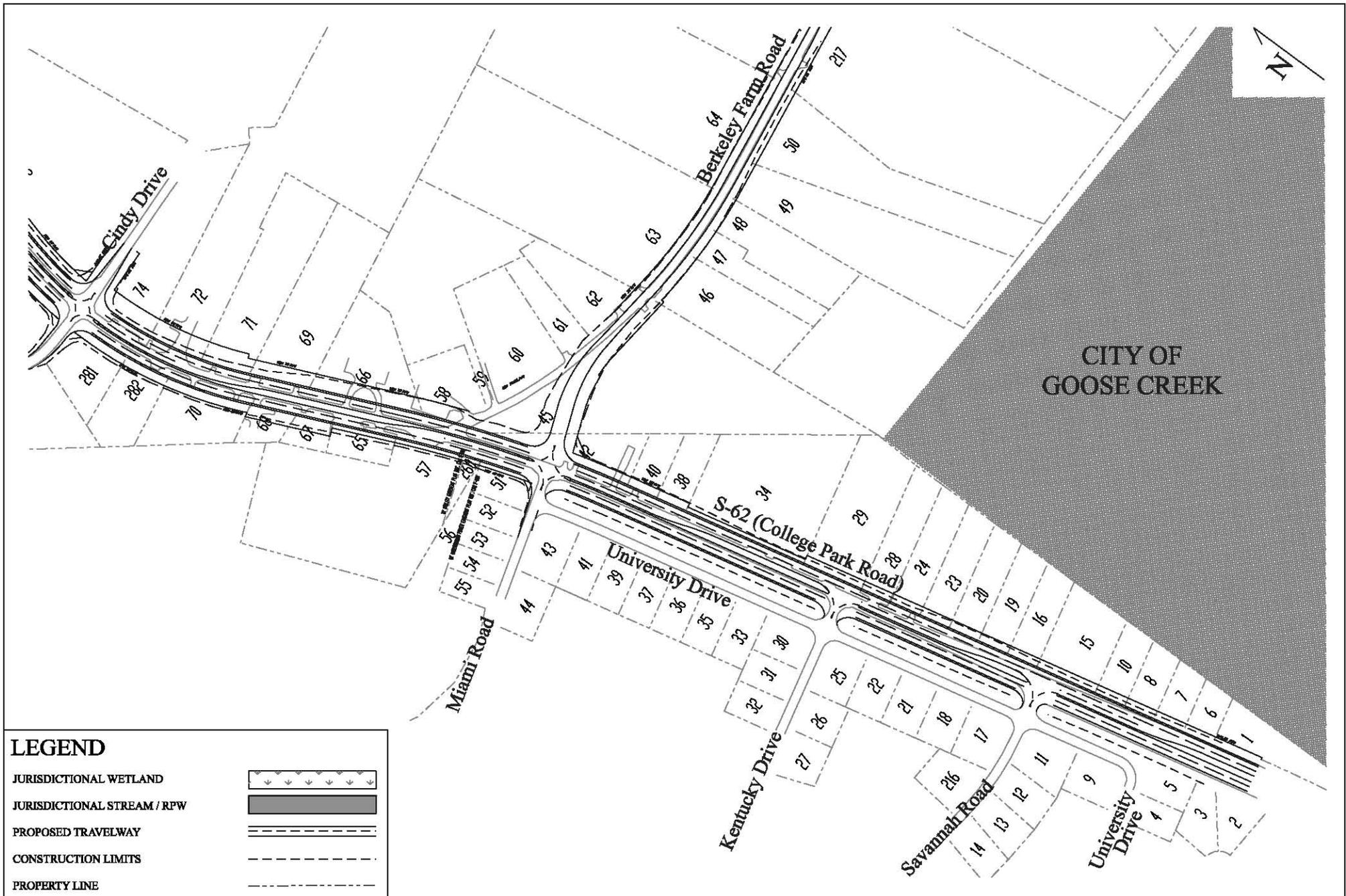
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SCALE 0 ft 300 ft 600 ft

PROJECT PLAN VIEW

FEBRUARY 1, 2012 SHEET 5 OF 17



LEGEND

JURISDICTIONAL WETLAND	
JURISDICTIONAL STREAM / RPW	
PROPOSED TRAVELWAY	
CONSTRUCTION LIMITS	
PROPERTY LINE	

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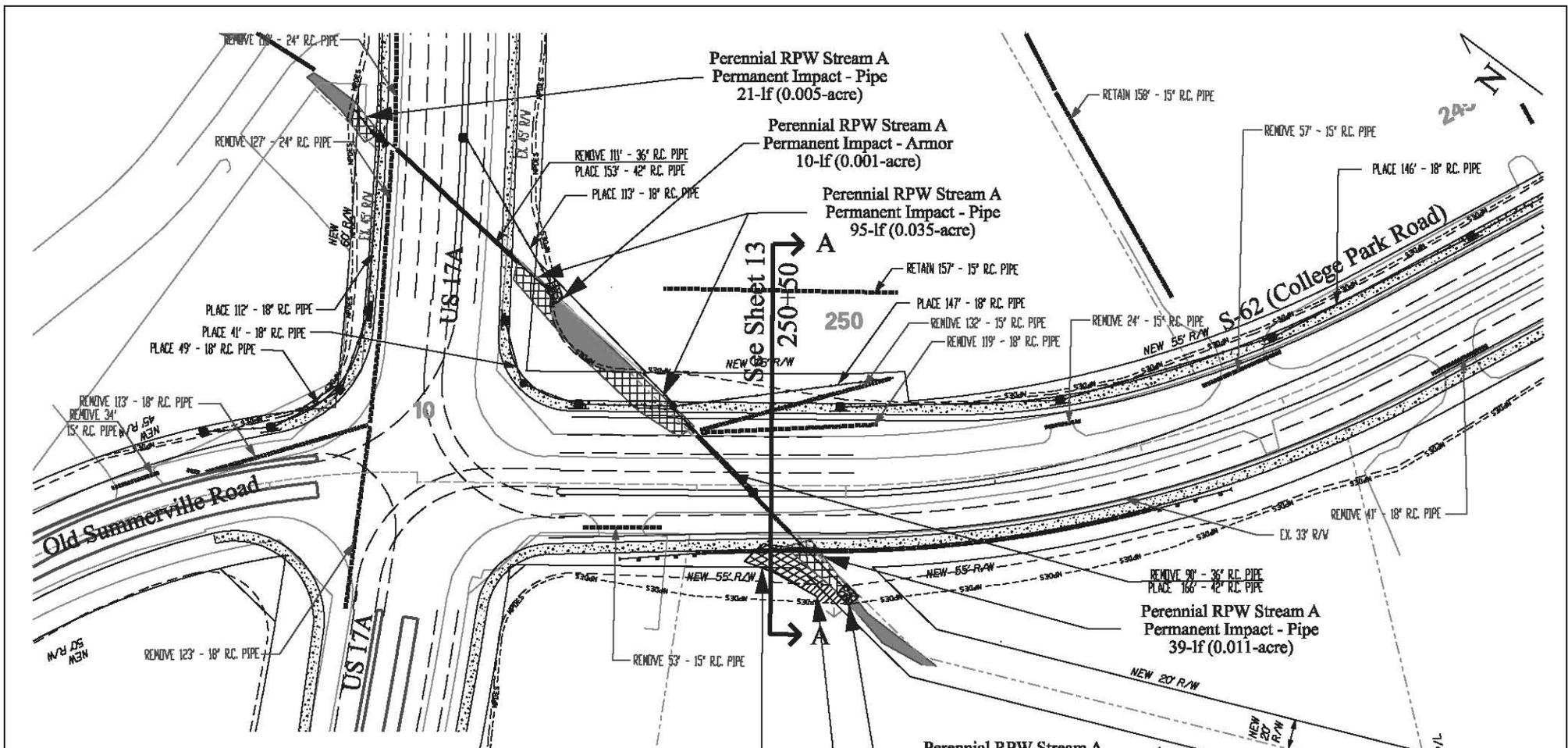
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SCALE

PROJECT PLAN VIEW

FEBRUARY 1, 2012 SHEET 6 OF 17



LEGEND

- FRESHWATER WETLAND
- JURISDICTIONAL STREAM / RPW
- FRESHWATER WETLAND CUT/FILL IMPACT
- FRESHWATER WETLAND CLEARING IMPACT
- JURISDICTIONAL STREAM FILL IMPACT
- JURISDICTIONAL STREAM ARMOR IMPACT
- CONSTRUCTION LIMITS
- NFDES LIMITS

Freshwater Wetland C
Permanent Cut/Fill Impact
(+/- 0.017-acre / ~27 cu yds)

Freshwater Wetland C
Permanent Clearing Impact
(+/- 0.006-acre)

SHEET 7 JURISDICTIONAL PROJECT IMPACTS

FRESHWATER WETLAND CUT/FILL IMPACT	0.017-acre
FRESHWATER WETLAND CLEARING IMPACT	0.006-acre
STREAM CULVERT IMPACT	0-lf (0.000-acre)
STREAM PIPE IMPACT	155-lf (0.051-acre)
STREAM RIPRAP ARMOR IMPACT	20-lf (0.003-acre)
STREAM CUT/FILL IMPACT	0-lf (0.000-acre)

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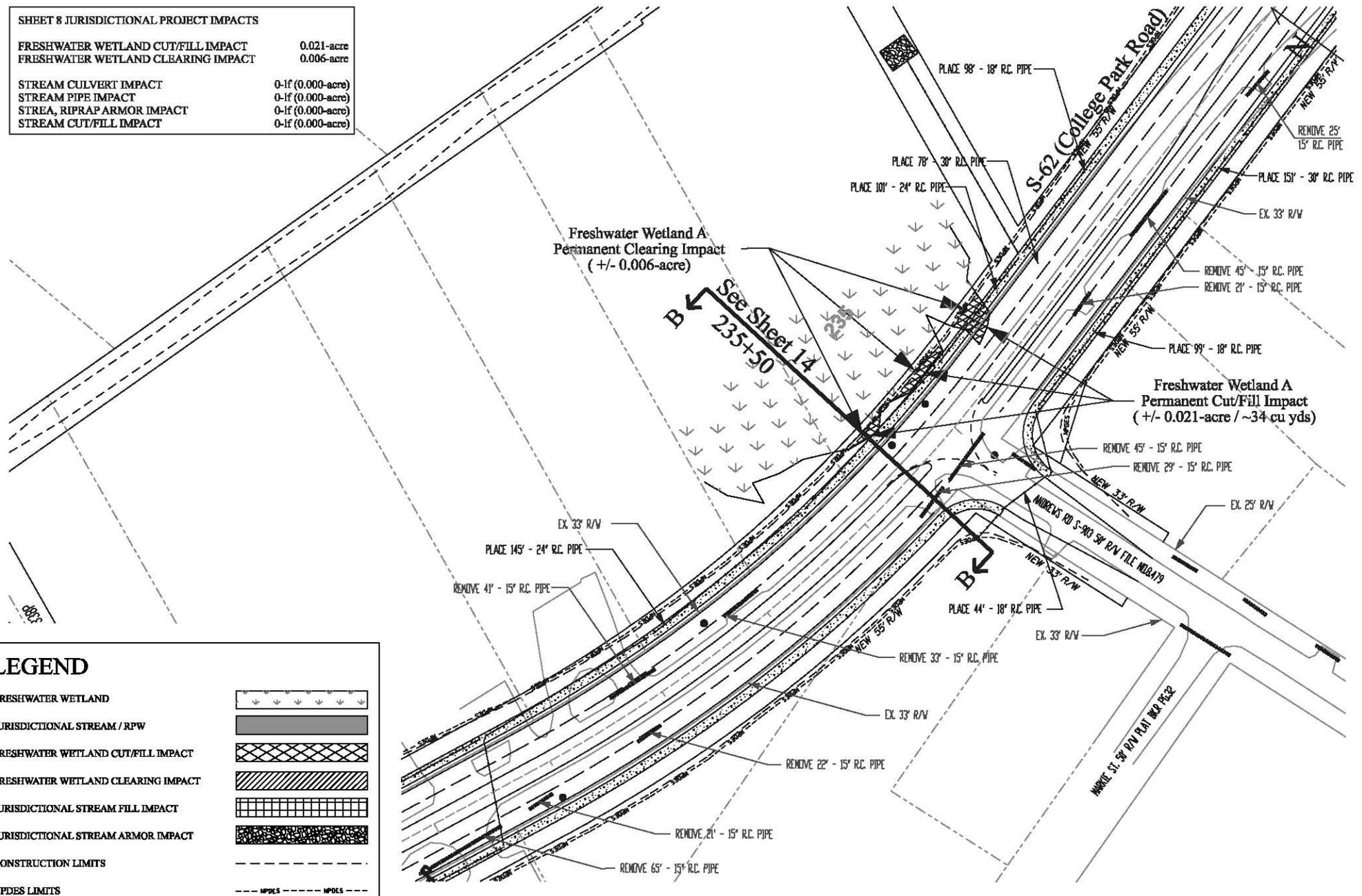
SCALE

WATERS OF THE U.S. IMPACTS

FEBRUARY 1, 2012 SHEET 7 OF 17

SHEET 8 JURISDICTIONAL PROJECT IMPACTS

FRESHWATER WETLAND CUT/FILL IMPACT	0.021-acre
FRESHWATER WETLAND CLEARING IMPACT	0.006-acre
STREAM CULVERT IMPACT	0-lf (0.000-acre)
STREAM PIPE IMPACT	0-lf (0.000-acre)
STREAM RIPRAP ARMOR IMPACT	0-lf (0.000-acre)
STREAM CUT/FILL IMPACT	0-lf (0.000-acre)



LEGEND

FRESHWATER WETLAND	
JURISDICTIONAL STREAM / RPW	
FRESHWATER WETLAND CUT/FILL IMPACT	
FRESHWATER WETLAND CLEARING IMPACT	
JURISDICTIONAL STREAM FILL IMPACT	
JURISDICTIONAL STREAM ARMOR IMPACT	
CONSTRUCTION LIMITS	
NFDES LIMITS	

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 BERKELEY COUNTY, SOUTH CAROLINA
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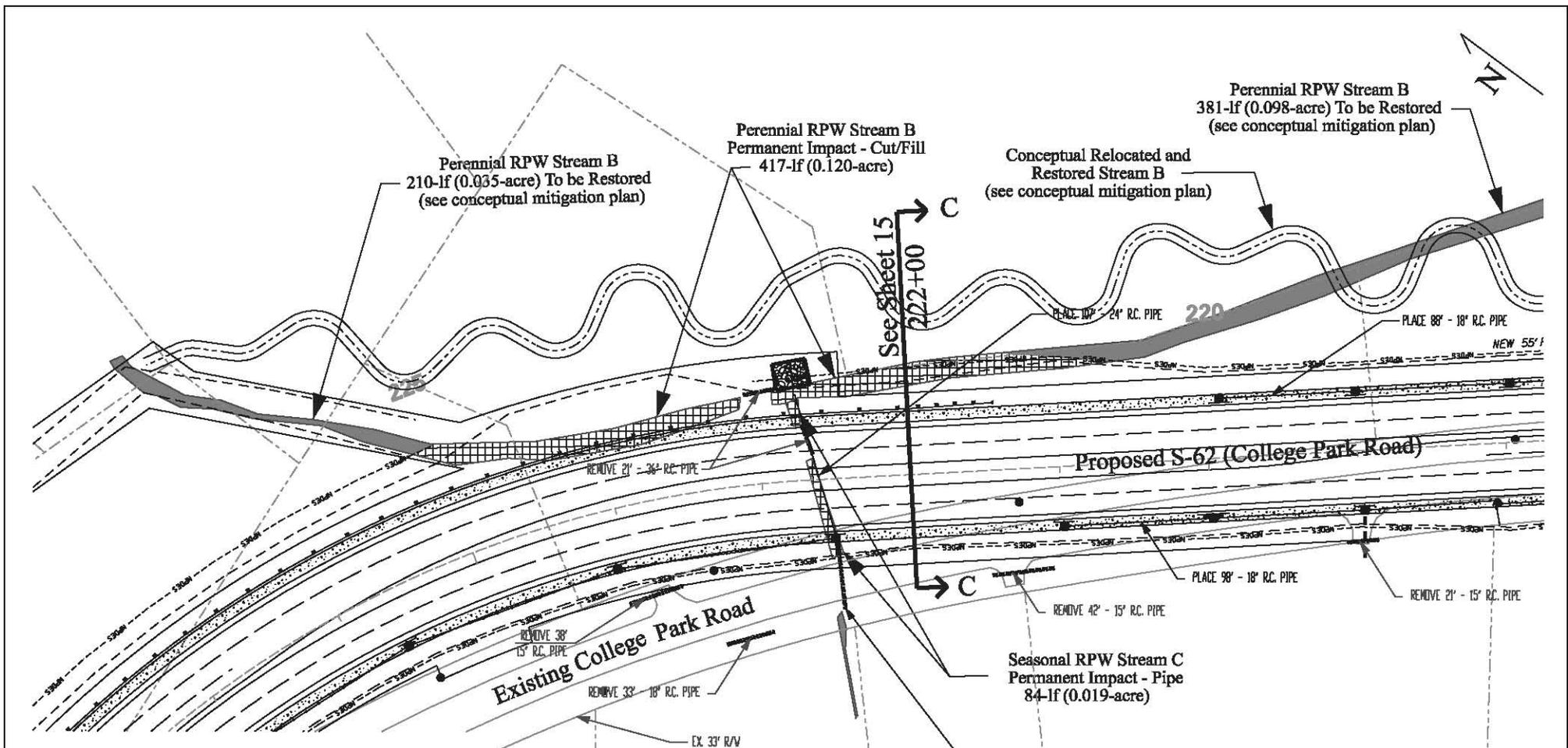
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SCALE

WATERS OF THE U.S. IMPACTS

FEBRUARY 1, 2012

SHEET 8 OF 17



LEGEND

FRESHWATER WETLAND	
JURISDICTIONAL STREAM / RPW	
FRESHWATER WETLAND CUT/FILL IMPACT	
FRESHWATER WETLAND CLEARING IMPACT	
JURISDICTIONAL STREAM FILL IMPACT	
JURISDICTIONAL STREAM ARMOR IMPACT	
CONSTRUCTION LIMITS	
NPDES LIMITS	

SHEET 9 JURISDICTIONAL PROJECT IMPACTS

FRESHWATER WETLAND CUT/FILL IMPACT	0.000-acre
FRESHWATER WETLAND CLEARING IMPACT	0.000-acre
STREAM CULVERT IMPACT	0-lf (0.000-acre)
STREAM PIPE IMPACT	84-lf (0.019-acre)
STREAM RIPRAP ARMOR IMPACT	0-lf (0.000-acre)
STREAM CUT/FILL IMPACT	417-lf (0.120-acre)

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APPLICATION BY THE SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION

SCDOT
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION

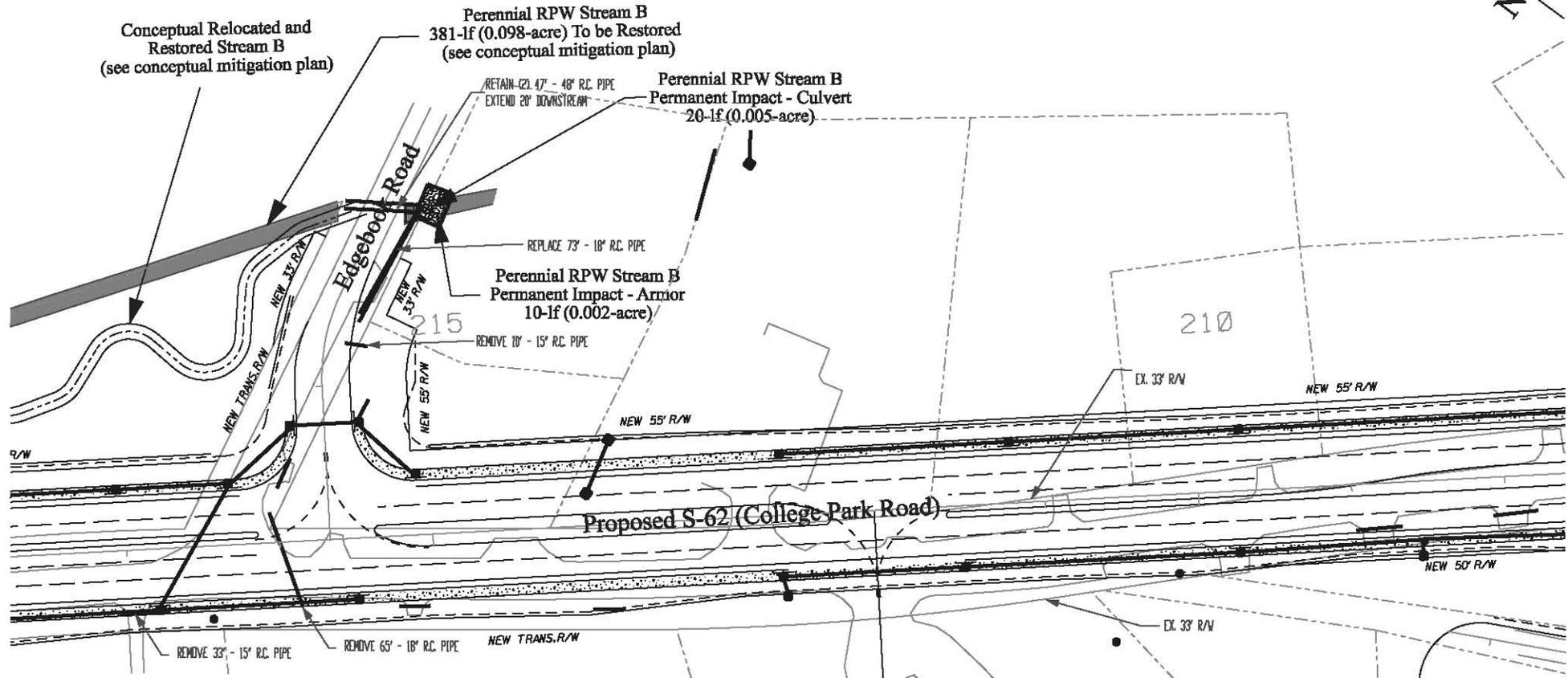
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SCALE 0 ft 100 ft 200 ft

WATERS OF THE U.S. IMPACTS

FEBRUARY 1, 2012 SHEET 9 OF 17



LEGEND

FRESHWATER WETLAND	
JURISDICTIONAL STREAM / RPW	
FRESHWATER WETLAND CUT/FILL IMPACT	
FRESHWATER WETLAND CLEARING IMPACT	
JURISDICTIONAL STREAM FILL IMPACT	
JURISDICTIONAL STREAM ARMOR IMPACT	
CONSTRUCTION LIMITS	
NPDES LIMITS	

SHEET 10 JURISDICTIONAL PROJECT IMPACTS

FRESHWATER WETLAND CUT/FILL IMPACT	0.000-acre
FRESHWATER WETLAND CLEARING IMPACT	0.000-acre
STREAM CULVERT IMPACT	20-lf (0.005-acre)
STREAM PIPE IMPACT	0-lf (0.000-acre)
STREAM RIPRAP ARMOR IMPACT	10-lf (0.002-acre)
STREAM CUT/FILL IMPACT	0-lf (0.000-acre)

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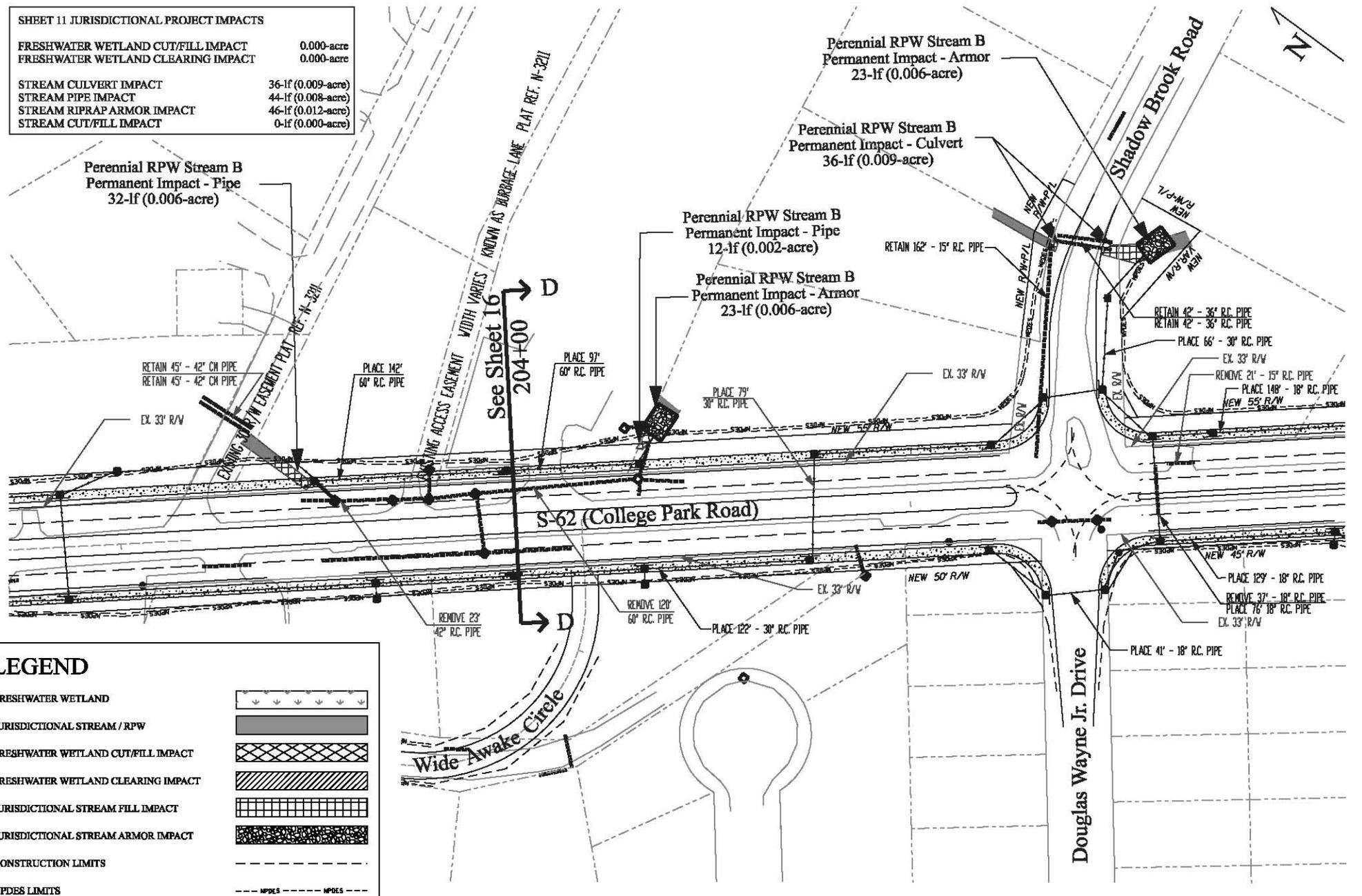
WATERS OF THE U.S. IMPACTS

FEBRUARY 1, 2012

SHEET 10 OF 17

SHEET 11 JURISDICTIONAL PROJECT IMPACTS

FRESHWATER WETLAND CUT/FILL IMPACT	0.000-acre
FRESHWATER WETLAND CLEARING IMPACT	0.000-acre
STREAM CULVERT IMPACT	36-lf (0.009-acre)
STREAM PIPE IMPACT	44-lf (0.008-acre)
STREAM RIPRAP ARMOR IMPACT	46-lf (0.012-acre)
STREAM CUT/FILL IMPACT	0-lf (0.000-acre)



LEGEND

FRESHWATER WETLAND	
JURISDICTIONAL STREAM / RPW	
FRESHWATER WETLAND CUT/FILL IMPACT	
FRESHWATER WETLAND CLEARING IMPACT	
JURISDICTIONAL STREAM FILL IMPACT	
JURISDICTIONAL STREAM ARMOR IMPACT	
CONSTRUCTION LIMITS	
NPDES LIMITS	

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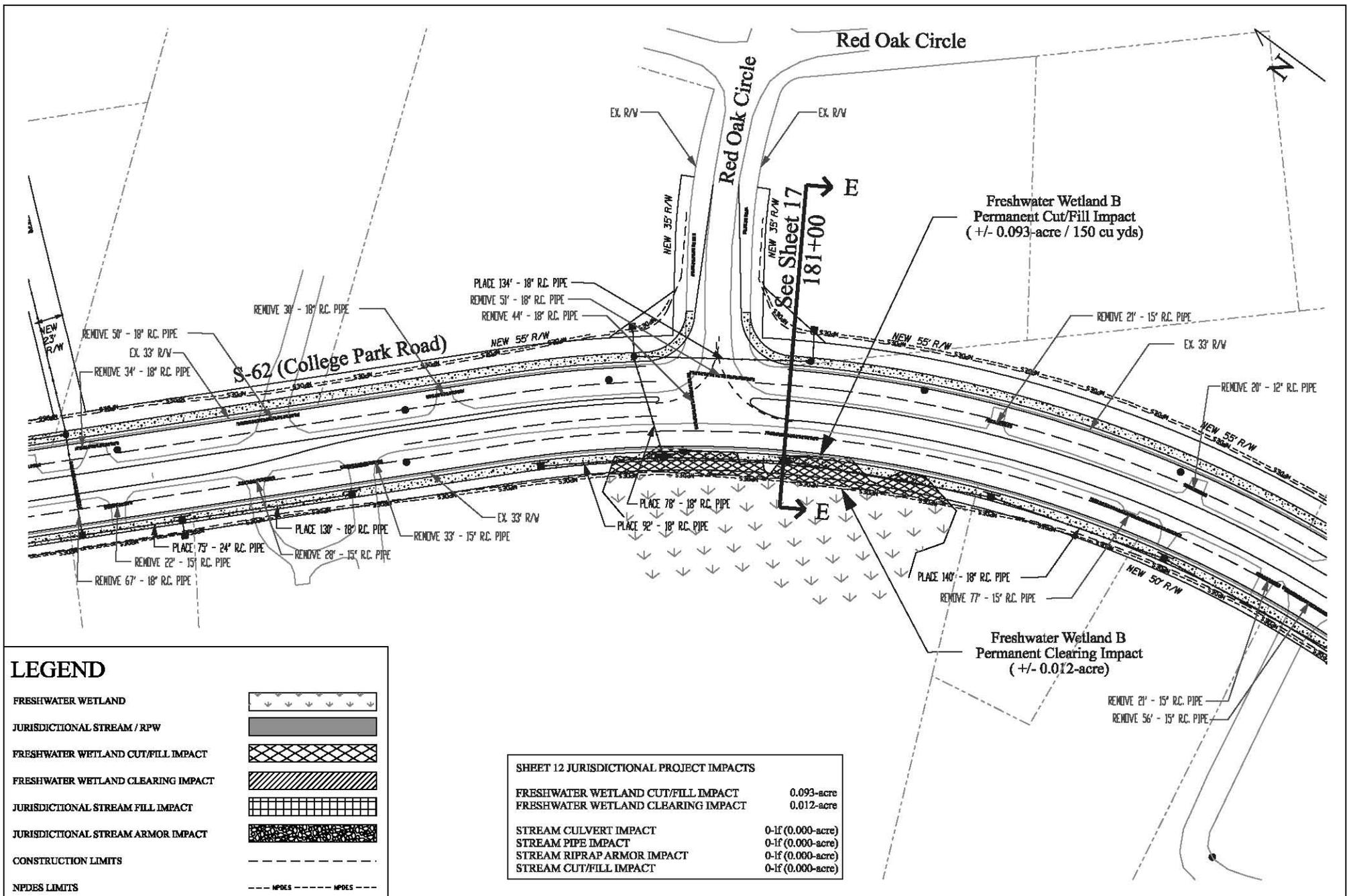
USACE SAC: 2010-00854-DJM STV/RWA PROJECT: 2514591

SCALE 0 ft 100 ft 200 ft

WATERS OF THE U.S. IMPACTS

FEBRUARY 1, 2012

SHEET 11 OF 17



LEGEND

FRESHWATER WETLAND	
JURISDICTIONAL STREAM / RPW	
FRESHWATER WETLAND CUT/FILL IMPACT	
FRESHWATER WETLAND CLEARING IMPACT	
JURISDICTIONAL STREAM FILL IMPACT	
JURISDICTIONAL STREAM ARMOR IMPACT	
CONSTRUCTION LIMITS	
NPDES LIMITS	

SHEET 12 JURISDICTIONAL PROJECT IMPACTS

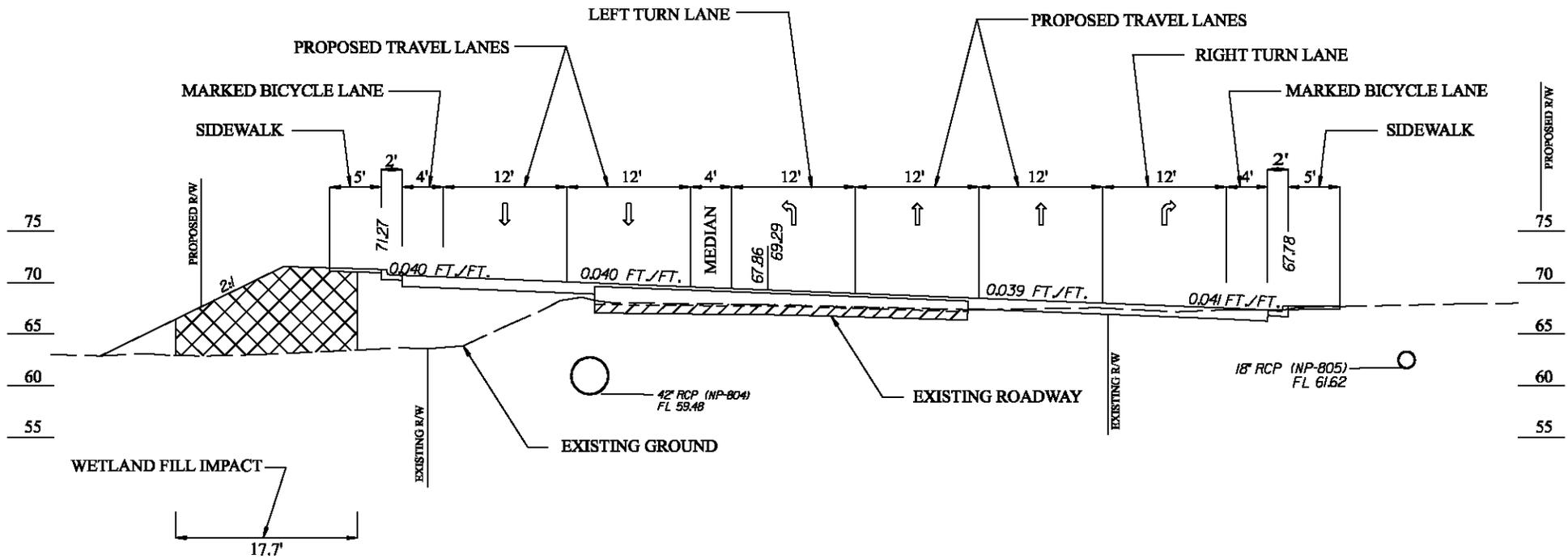
FRESHWATER WETLAND CUT/FILL IMPACT	0.093-acre
FRESHWATER WETLAND CLEARING IMPACT	0.012-acre
STREAM CULVERT IMPACT	0-lf (0.000-acre)
STREAM PIPE IMPACT	0-lf (0.000-acre)
STREAM RIPRAP ARMOR IMPACT	0-lf (0.000-acre)
STREAM CUT/FILL IMPACT	0-lf (0.000-acre)

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SCALE 
 WATERS OF THE U.S. IMPACTS
 FEBRUARY 1, 2012 SHEET 12 OF 17

COLLEGE PARK ROAD SECTION A MAINLINE STA. 250+50.00

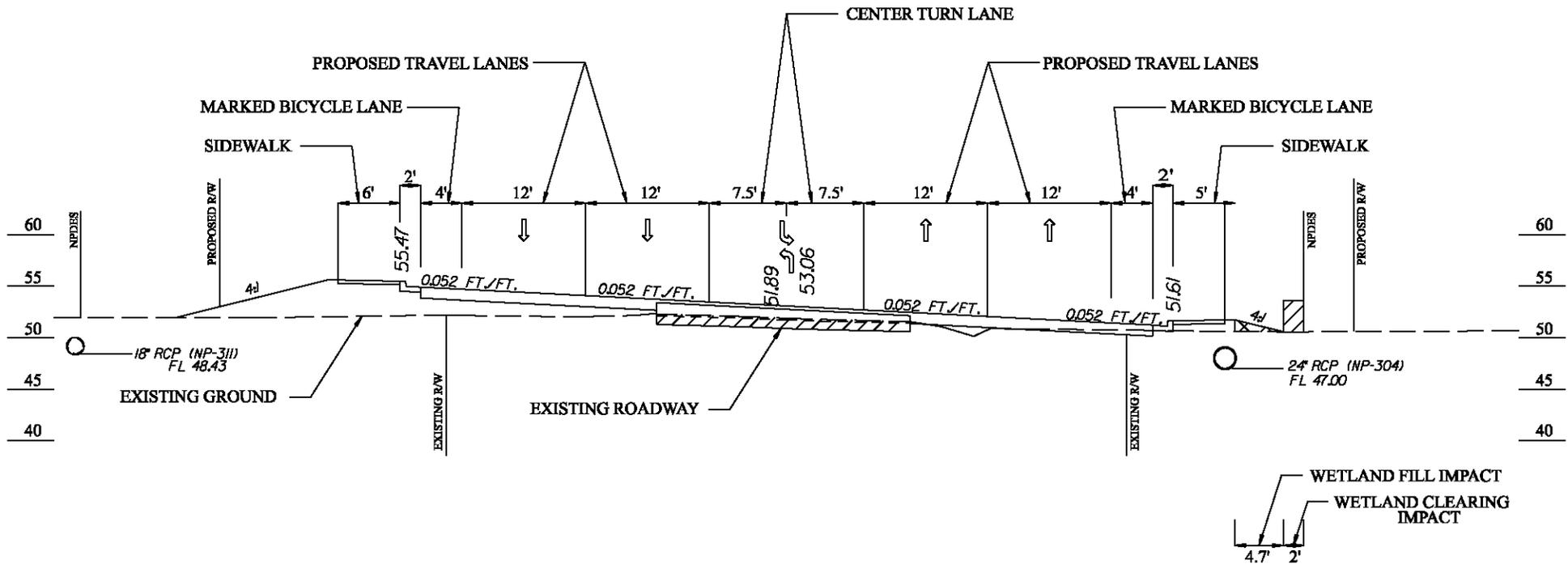



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APPLICATION BY THE SOUTH CAROLINA
 DEPARTMENT OF TRANSPORTATION 
 COLLEGE PARK ROAD (S-62) AREA ROADWAY IMPROVEMENTS
 BERKELEY COUNTY, SOUTH CAROLINA
 SCDOT FILE: 8.038779 SCDOT PIN: 38779_PE01
 USACE SAC: 2010-00854-DJM STV/RWA PROJECT: 2514591

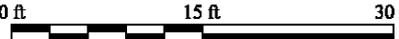
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CROSS SECTION
 FEBRUARY 1, 2012 SHEET 13 OF 17

COLLEGE PARK ROAD SECTION B MAINLINE STA. 235+50.00

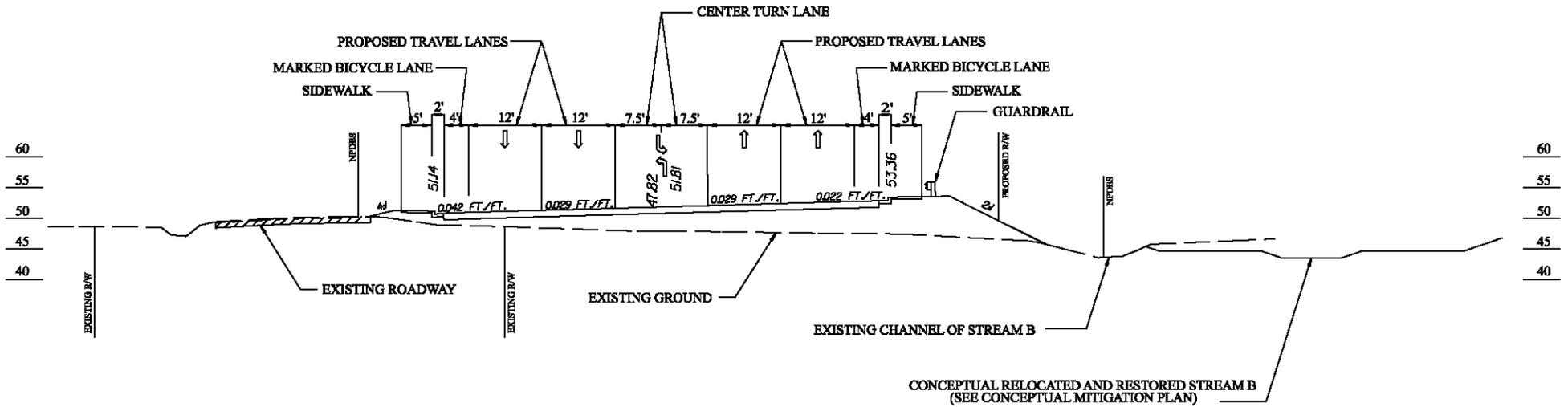



STV/Ralph Whitehead Associates
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APPLICATION BY THE SOUTH CAROLINA
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 COLLEGE PARK ROAD (S-62) AREA ROADWAY IMPROVEMENTS
 BERKELEY COUNTY, SOUTH CAROLINA
 SCDOT FILE: 8.038779 SCDOT PIN: 38779_PE01
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SCALE 
CROSS SECTION
 FEBRUARY 1, 2012 SHEET 14 OF 17

COLLEGE PARK ROAD SECTION C MAINLINE STA. 222+00.00



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APPLICATION BY THE SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION



COLLEGE PARK ROAD (S-62) AREA ROADWAY IMPROVEMENTS
BERKELEY COUNTY, SOUTH CAROLINA
SCDOT FILE: 8.038779 SCDOT PIN: 38779_PE01

USACE SAC: 2010-00854-DJM STV/RWA PROJECT: 2514591

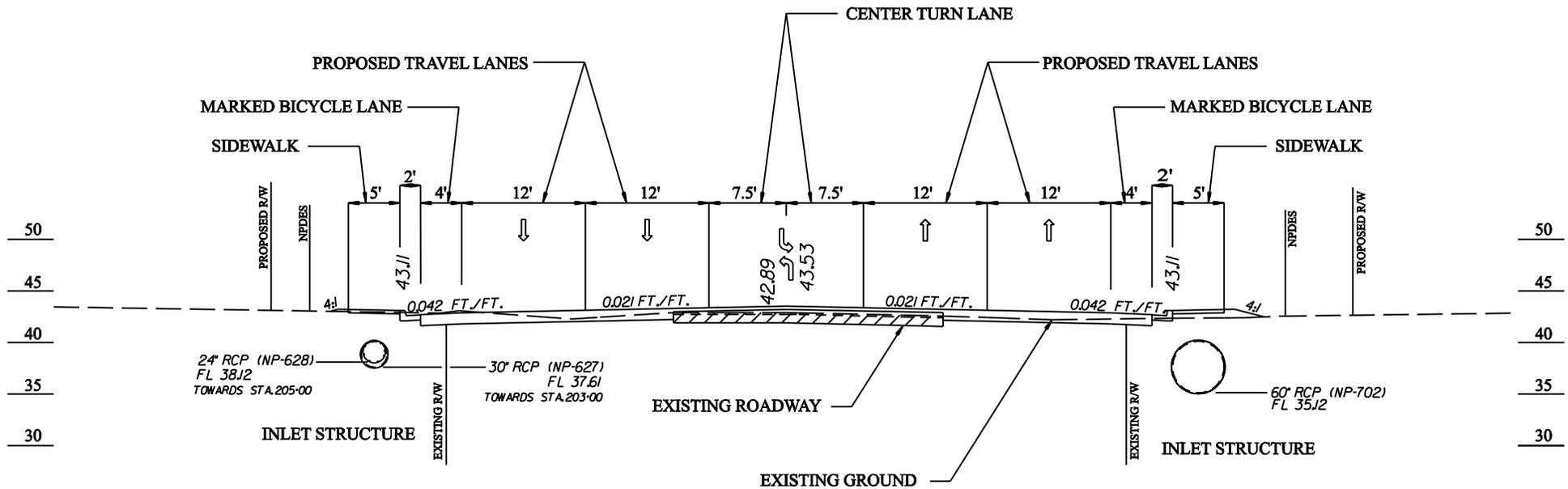
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CROSS SECTION

FEBRUARY 1, 2012

SHEET 15 OF 17

COLLEGE PARK ROAD SECTION D MAINLINE STA. 204+00.00



STV/Ralph Whitehead Associates

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APPLICATION BY THE SOUTH CAROLINA
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COLLEGE PARK ROAD (S-62) AREA ROADWAY IMPROVEMENTS
BERKELEY COUNTY, SOUTH CAROLINA
SCDOT FILE: 8.038779 SCDOT PIN: 38779_PE01

USACE SAC: 2010-00854-DJM STV/RWA PROJECT: 2514591

SCALE 0 ft 15 ft 30 ft

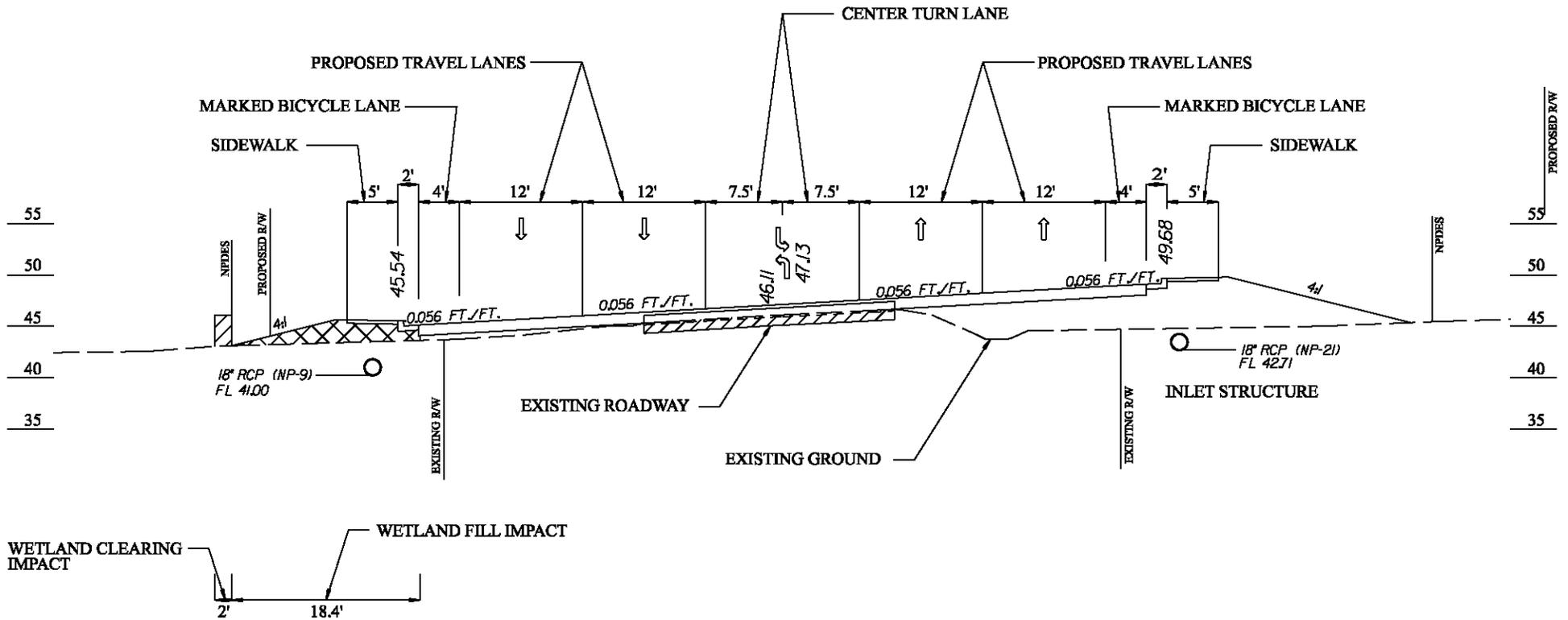


CROSS SECTION

FEBRUARY 1, 2012

SHEET 16 OF 17

COLLEGE PARK ROAD SECTION E MAINLINE STA. 181+00.00



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APPLICATION BY THE SOUTH CAROLINA
 DEPARTMENT OF TRANSPORTATION **SCDOT**
 COLLEGE PARK ROAD (S-62) AREA ROADWAY IMPROVEMENTS
 BERKELEY COUNTY, SOUTH CAROLINA
 SCDOT FILE: 8.038779 SCDOT PIN: 38779_PE01
 USACE SAC: 2010-00854-DJM STV/RWA PROJECT: 2514591

SCALE 0 ft 15 ft 30 ft
 CROSS SECTION
 FEBRUARY 1, 2012 SHEET 17 OF 17