

**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 # 2012-00588-DS

May 20, 2015

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. 1341), and the S.C. Construction in Navigable Waters Permit Program (R. 19-450, et. seq., 1976 S.C. Code of Laws, as amended), an application has been submitted to the Department of the Army and the South Carolina Department of Health and Environmental Control by

**South Carolina Department of Transportation**  
**P.O. Box 191, 955 Park Street**  
**Columbia, South Carolina 29202**

for a permit to place fill within wetlands adjacent to the following waters, the following waters and their tributaries to improve the existing I-85 & I-385 interchange, improve existing roadways/structures/ramps along both I-85 & I-385, and to construct additional lanes on both I-85 & I-385 at the interchange in

**Gilder Creek, Rocky Creek, Laurel Creek, and Enoree River**

at a location at the existing I-85 and I-385 Interchange in Greenville County (34.834976°N, - 82.291037°W). In addition to the actual Interchange, this project will also include roadway improvements along both I-385 and I-85 as the roadways approach and travel through the Interchange. This will include a segment of I-85 from approximately 3.5 miles south of the I-85/I-385 interchange to a location 5 miles north of the I-85/I-385 interchange. Also this will include a segment of I-385 approximately 1 mile north of the I-85/I-385 interchange to a location approximately 1.75 miles south of the I-85/I-385 interchange in Greenville and Spartanburg Counties

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 placement of fill/structures within waters of the U.S to improve the existing I-85 & I-385 interchange, improve existing roadways/structures/ramps along both I-85 & I-385, and to construct additional lanes on both I-85 & I-385 at the interchange. In detail, the proposed project will impact a total of; 0.242 acres of wetlands from cut/fill activities, 1070 linear feet of streams from placement of fill and/or structures, and 0.186 acres of open waters from cut/fill activities. The applicant has proposed to mitigate for impacts to wetlands and/or waters of the United States by purchase of 2.8 wetland mitigation credits and 5903.8 stream mitigation credits from Grove Creek Mitigation Bank. According to the applicant, the project purpose of the proposed I-85 & I-385 Interchange Improvement project is to improve operational efficiency of the existing interchange to accommodate existing and projected traffic volumes. The secondary purpose of the project is to improve the safety of the interchange. SCDOT indicates that the traffic volumes and existing configurations of interchange roadways/ramps results in unacceptable operating conditions and deficiencies along the various ramps and multiple merge and weave movements. These deficiencies create safety concerns due to congestions, undesirable movements and vehicular conflicts.

**NOTE: This public notice and associated plans are available on the Corps' website at: <http://www.sac.usace.army.mil/Missions/Regulatory/PublicNotices> . For those unable to access the website, a copy of this notice and the associated plans will be provided, upon receipt of a written request. 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. This activity may also require evaluation for compliance with the S. C. Construction in Navigable Waters Permit Program. State review, permitting and certification is conducted by the S. C. Department of Health and Environmental Control. 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.

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 freshwater habitat well inland of estuarine substrates and emergent wetlands utilized by various life stages of species comprising the 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.

Pursuant to the Section 7 of the Endangered Species Act of 1973 (as amended), the Corps has reviewed the project area, examined all information provided by the applicant, and the District Engineer has determined, based on the most recently available information 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 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 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 initially determined that no historic properties, nor properties eligible for inclusion in the National Register, are present; therefore, there will be no effect on historic properties. This public notices serves as a request for concurrence within 30 days from the SHPO (and/or Tribal Historic Preservation Officer).

The District Engineer's final eligibility and effect determination will be based upon coordination with the SHPO and/or THPO, as appropriate and required, and with full consideration given to the proposed undertaking's potential direct and indirect effects on historic properties within the Corps-identified permit area.

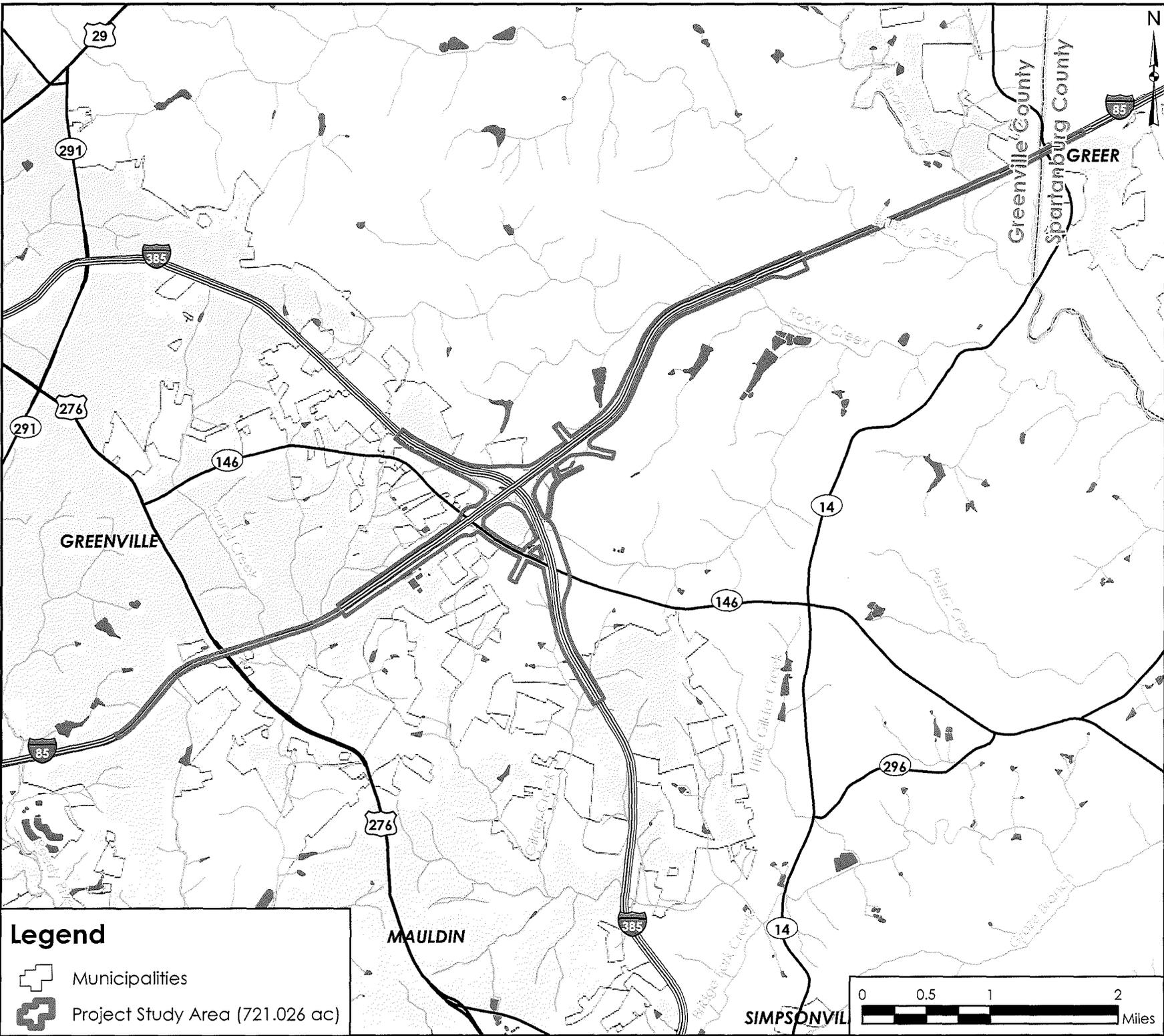
Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for a public hearing shall state, with particularity, the reasons for holding a public hearing.

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. 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 **Stephen Brumagin** at 803-253-3445.



Client:



Project:

**Jurisdictional  
Determination Request  
I-85/I-385  
Interchange**

**Greenville and  
Spartanburg Counties, SC**

SCDOT Project ID 0038111

Title:

**SITE LOCATION MAP**



**Greenville and  
Spartanburg Counties, SC**

Drawn By:	QA/QC Review:
<b>AEB</b>	<b>PRF</b>

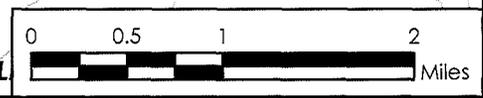
Peer Review:	Date:
<b>ALC</b>	<b>4/17/2015</b>

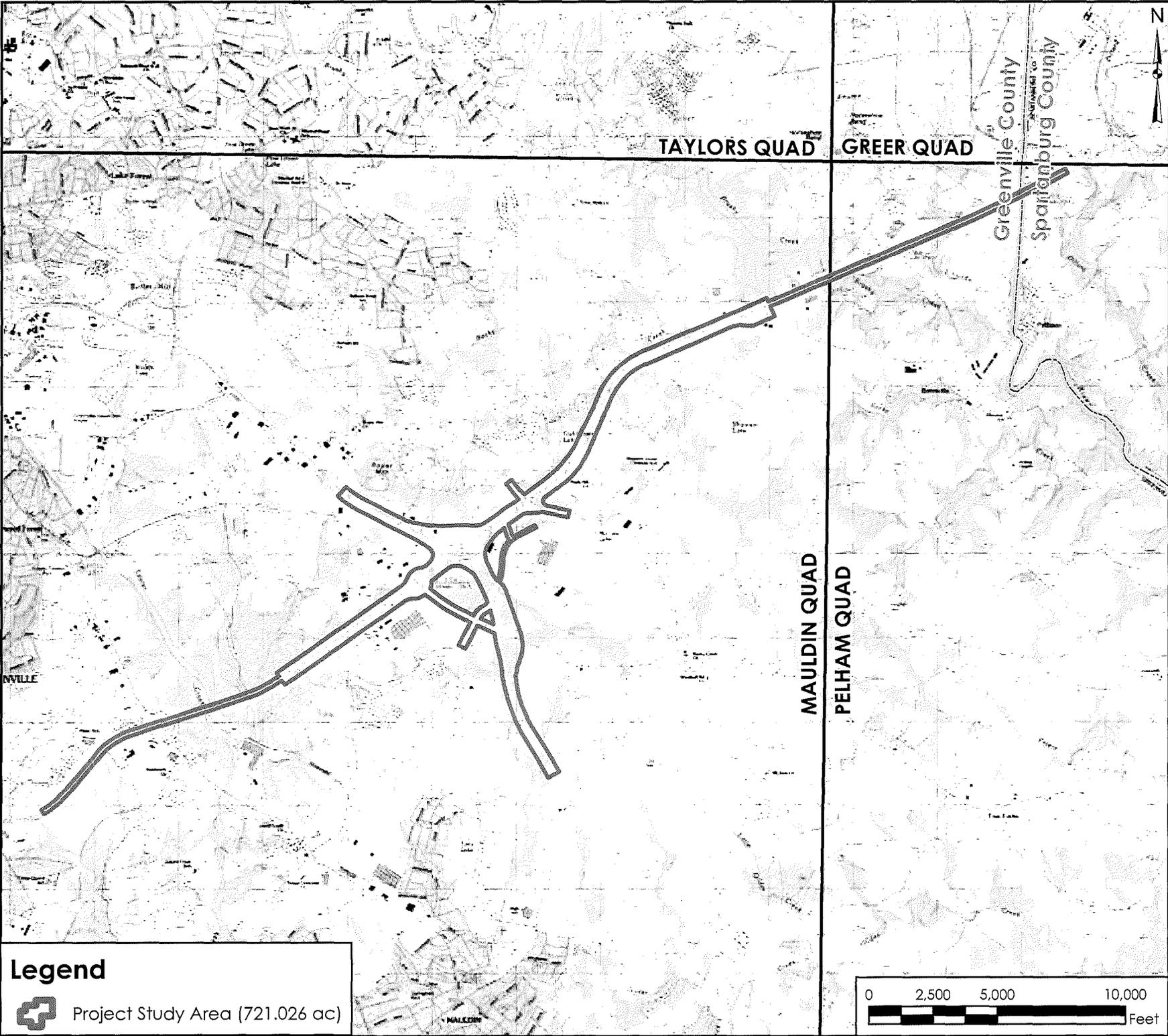
Stantec Project Number:  
**171001537**

**SHEET  
1 of 36**

**Legend**

- Municipalities
- Project Study Area (721.026 ac)





Client:



Project:

**Jurisdictional  
Determination Request  
I-85/I-385  
Interchange**

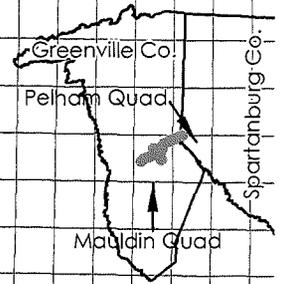
**Greenville and  
Spartanburg Counties, SC**

SCDOT Project ID 0038111

Title:

**USGS TOPOGRAPHY  
MAP**

Ref. USGS 7.5 Minute Topography  
Map Mauldin and  
Pelham, SC Quadrangles



Drawn By:

**AEB**

QA/QC Review:

**PRF**

Peer Review:

**ALC**

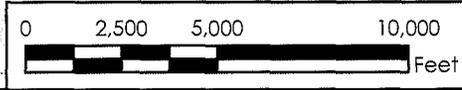
Date:

**4/17/2015**

Stantec Project/Task Number:

**171001537**

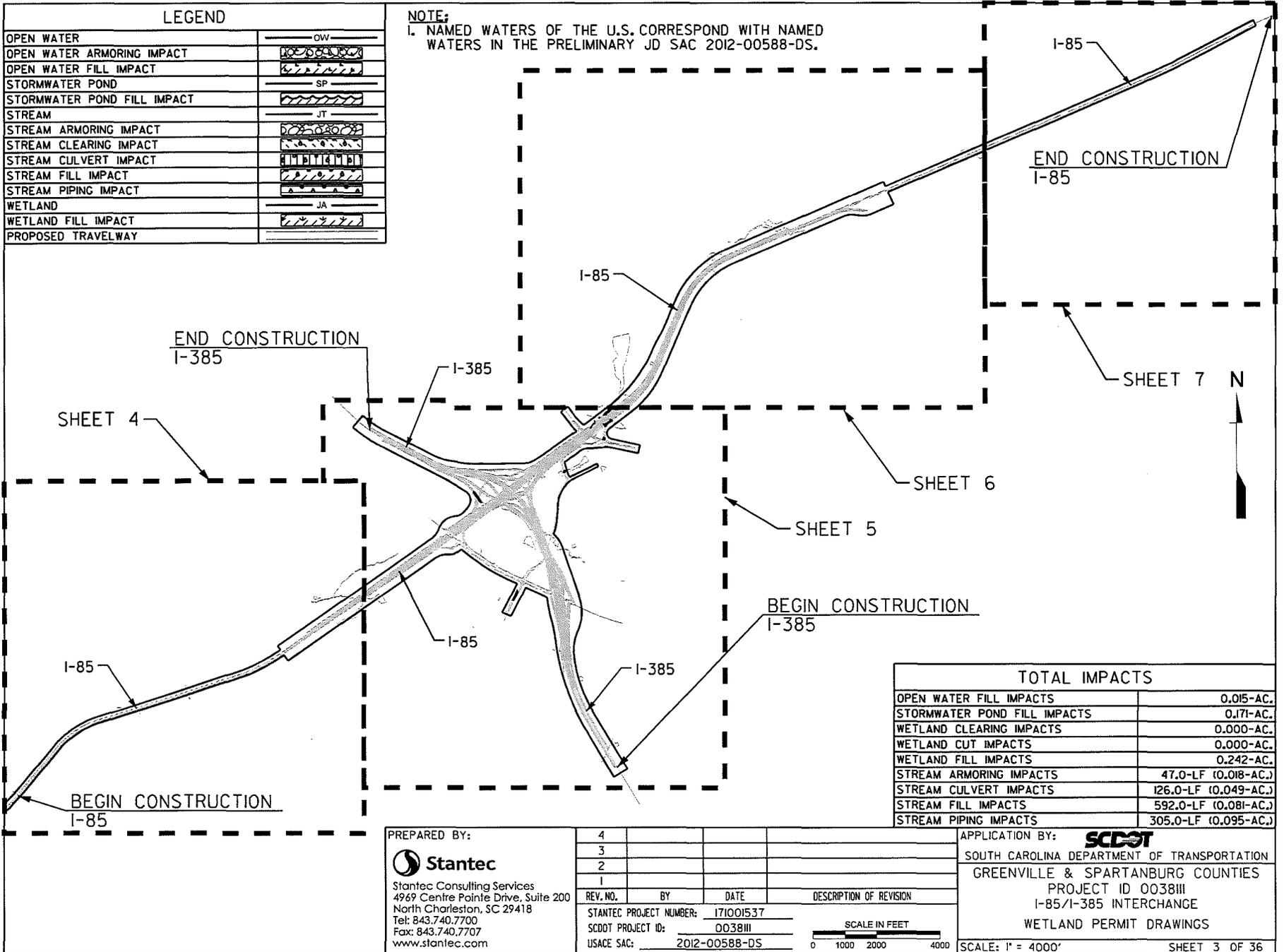
**Legend**  
 Project Study Area (721.026 ac)



**SHEET  
2 of 36**

LEGEND	
OPEN WATER	OW
OPEN WATER ARMORING IMPACT	
OPEN WATER FILL IMPACT	
STORMWATER POND	SP
STORMWATER POND FILL IMPACT	
STREAM	JT
STREAM ARMORING IMPACT	
STREAM CLEARING IMPACT	
STREAM CULVERT IMPACT	
STREAM FILL IMPACT	
STREAM PIPING IMPACT	
WETLAND	JA
WETLAND FILL IMPACT	
PROPOSED TRAVELWAY	

NOTE:  
 1. NAMED WATERS OF THE U.S. CORRESPOND WITH NAMED WATERS IN THE PRELIMINARY JD SAC 2012-00588-DS.



TOTAL IMPACTS	
OPEN WATER FILL IMPACTS	0.015-AC.
STORMWATER POND FILL IMPACTS	0.171-AC.
WETLAND CLEARING IMPACTS	0.000-AC.
WETLAND CUT IMPACTS	0.000-AC.
WETLAND FILL IMPACTS	0.242-AC.
STREAM ARMORING IMPACTS	47.0-LF (0.018-AC.)
STREAM CULVERT IMPACTS	126.0-LF (0.049-AC.)
STREAM FILL IMPACTS	592.0-LF (0.081-AC.)
STREAM PIPING IMPACTS	305.0-LF (0.095-AC.)

PREPARED BY:  
  
 Stantec Consulting Services  
 4969 Centre Pointe Drive, Suite 200  
 North Charleston, SC 29418  
 Tel: 843.740.7700  
 Fax: 843.740.7707  
 www.stantec.com

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
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STANTEC PROJECT NUMBER: 171001537  
 SCDOT PROJECT ID: 0038III  
 USACE SAC: 2012-00588-DS

SCALE IN FEET  
 0 1000 2000 4000

APPLICATION BY: **SCDOT**  
 SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 GREENVILLE & SPARTANBURG COUNTIES  
 PROJECT ID 0038III  
 I-85/I-385 INTERCHANGE  
 WETLAND PERMIT DRAWINGS

SCALE: 1" = 4000'  
 SHEET 3 OF 36

### LEGEND

OPEN WATER	— OW —
OPEN WATER ARMORING IMPACT	
OPEN WATER FILL IMPACT	
STORMWATER POND	— SP —
STORMWATER POND FILL IMPACT	
STREAM	— JT —
STREAM ARMORING IMPACT	
STREAM CLEARING IMPACT	
STREAM CULVERT IMPACT	
STREAM FILL IMPACT	
STREAM PIPING IMPACT	
WETLAND	— JA —
WETLAND FILL IMPACT	
PROPOSED TRAVELWAY	

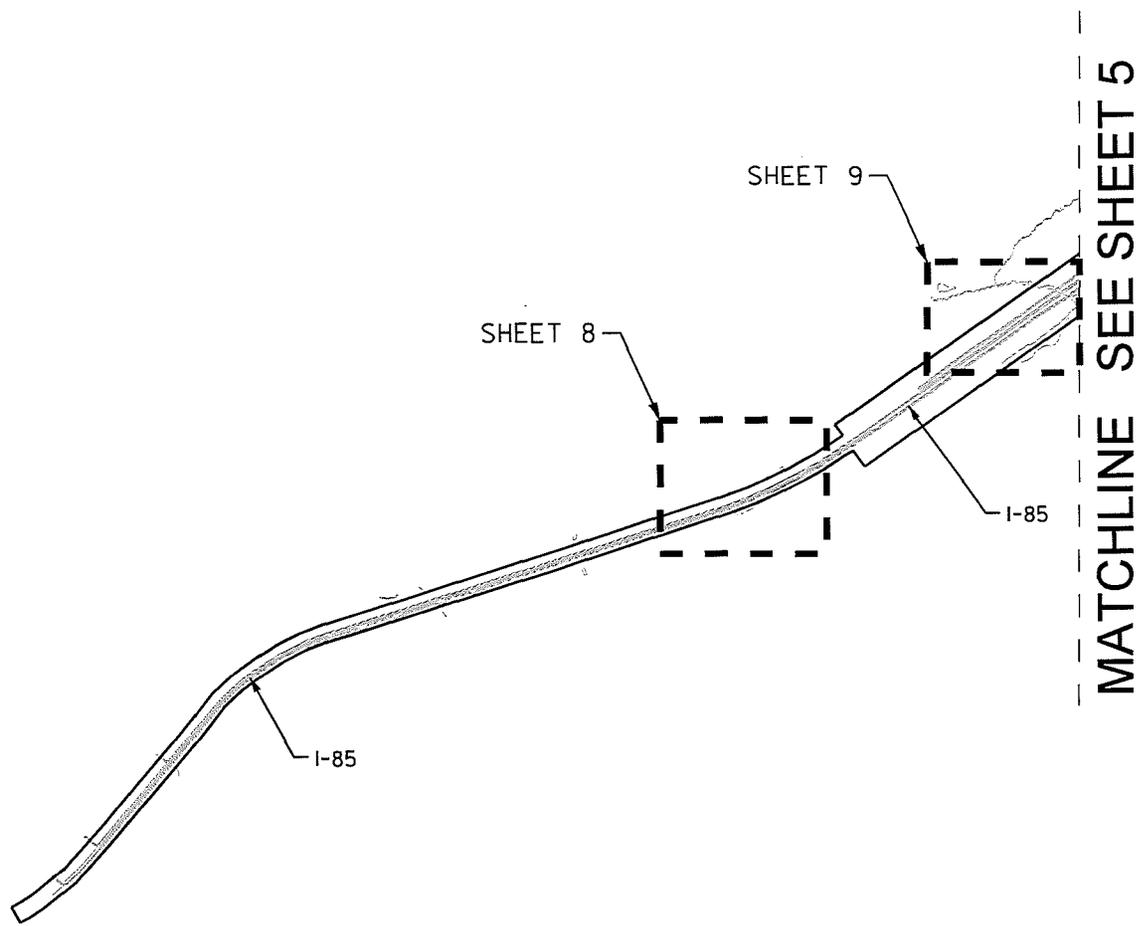
### TOTAL IMPACTS

OPEN WATER FILL IMPACTS	0.015-AC.
STORMWATER POND FILL IMPACTS	0.171-AC.
WETLAND CLEARING IMPACTS	0.000-AC.
WETLAND CUT IMPACTS	0.000-AC.
WETLAND FILL IMPACTS	0.242-AC.
STREAM ARMORING IMPACTS	47.0-LF (0.018-AC.)
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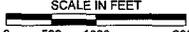
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
STANTEC PROJECT NUMBER: <u>171001537</u> SCDOT PROJECT ID: <u>0038III</u> USACE SAC: <u>2012-00588-DS</u>			

**APPLICATION BY:** **SCDOT**  
 SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 GREENVILLE & SPARTANBURG COUNTIES  
 PROJECT ID 0038III  
 I-85/I-385 INTERCHANGE  
 WETLAND PERMIT DRAWINGS  
 SCALE: N/A SHEET 3A OF 36

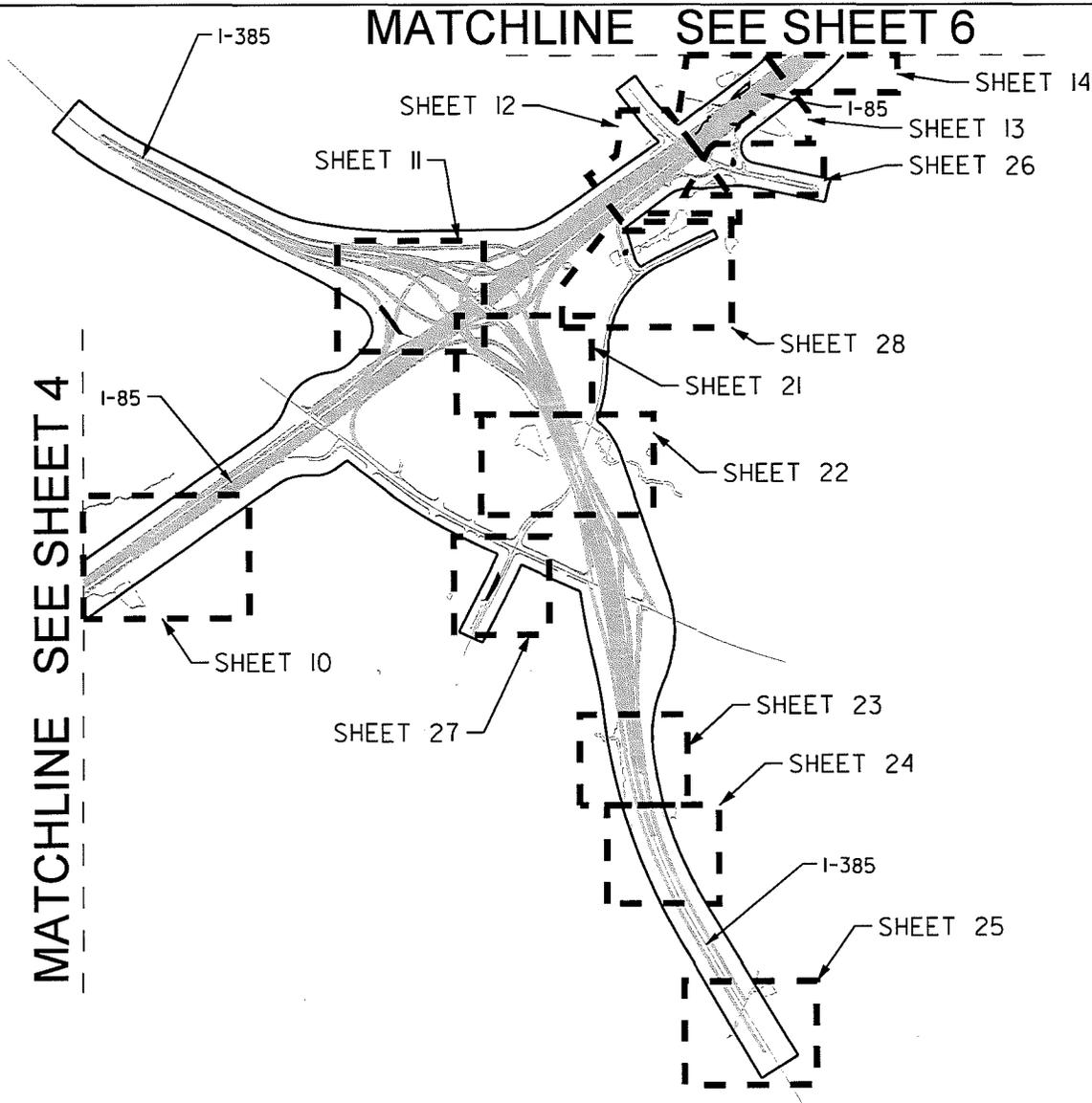


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REV. NO.	BY	DATE	DESCRIPTION OF REVISION	
STANTEC PROJECT NUMBER: 171001537				
SCDOT PROJECT ID: 0038III				
USACE SAC: 2012-00588-DS				
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APPLICATION BY: **SCDOT**  
 SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 GREENVILLE & SPARTANBURG COUNTIES  
 PROJECT ID 0038III  
 I-85/I-385 INTERCHANGE  
 WETLAND PERMIT DRAWINGS

SCALE: 1" = 2000'



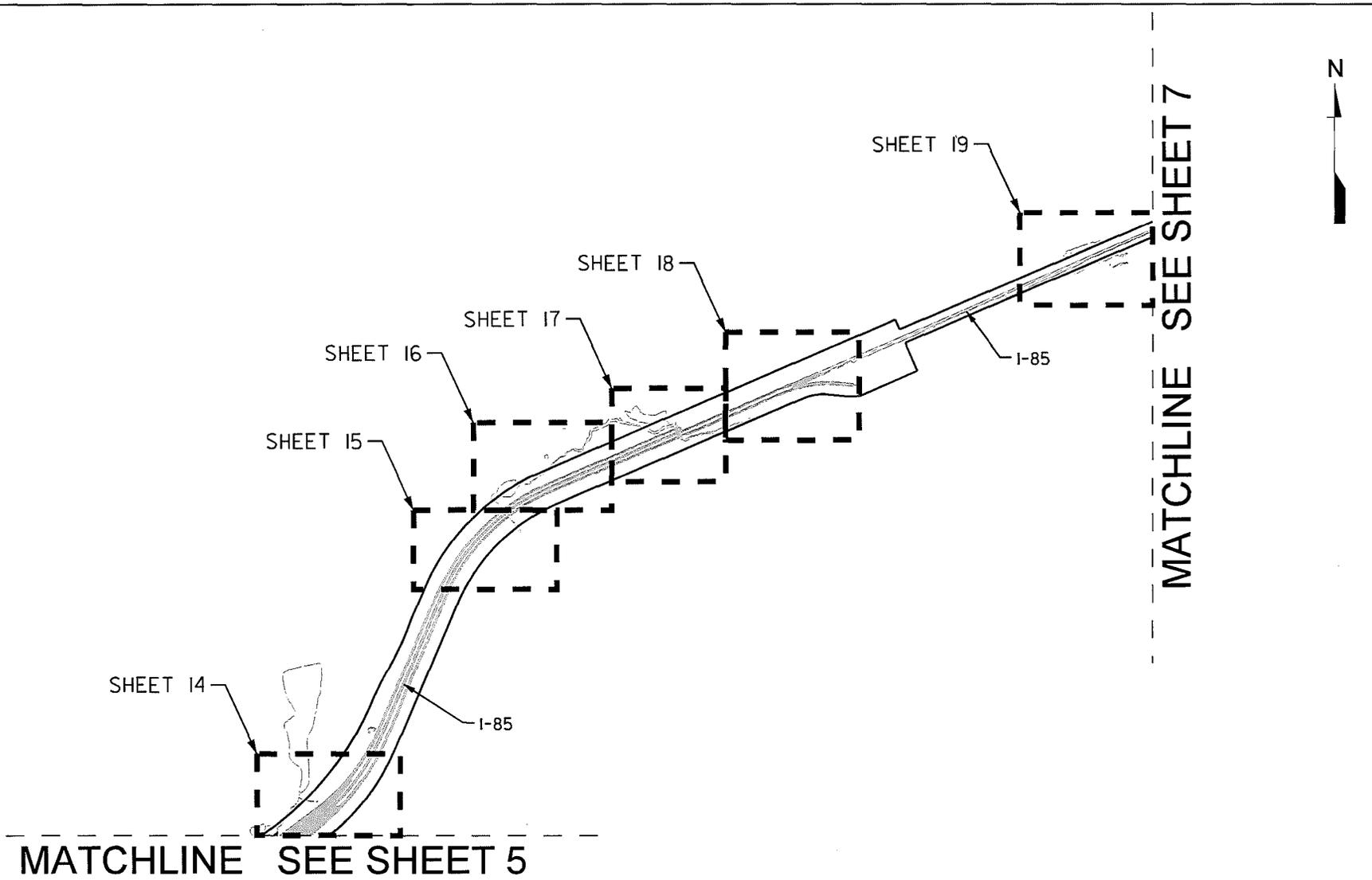
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION	
STANTEC PROJECT NUMBER:		171001537		
SCDOT PROJECT ID:		0038III		
USACE SAC:		2012-00588-DS		

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APPLICATION BY: **SCDOT**  
 SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 GREENVILLE & SPARTANBURG COUNTIES  
 PROJECT ID 0038III  
 I-85/I-385 INTERCHANGE  
 WETLAND PERMIT DRAWINGS

SCALE: 1" = 2000' SHEET 5 OF 36



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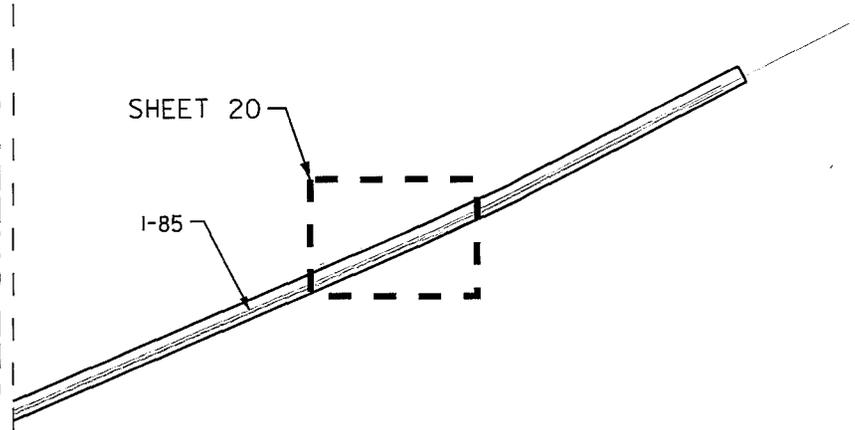
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SCDOT PROJECT ID: 0038III			
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APPLICATION BY: **SCDOT**  
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 GREENVILLE & SPARTANBURG COUNTIES  
 PROJECT ID 0038III  
 I-85/I-385 INTERCHANGE  
 WETLAND PERMIT DRAWINGS

SCALE: 1" = 2000'



MATCHLINE SEE SHEET 6



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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STANTEC PROJECT NUMBER: 171001537  
SCDOT PROJECT ID: 0038III  
USACE SAC: 2012-00588-DS

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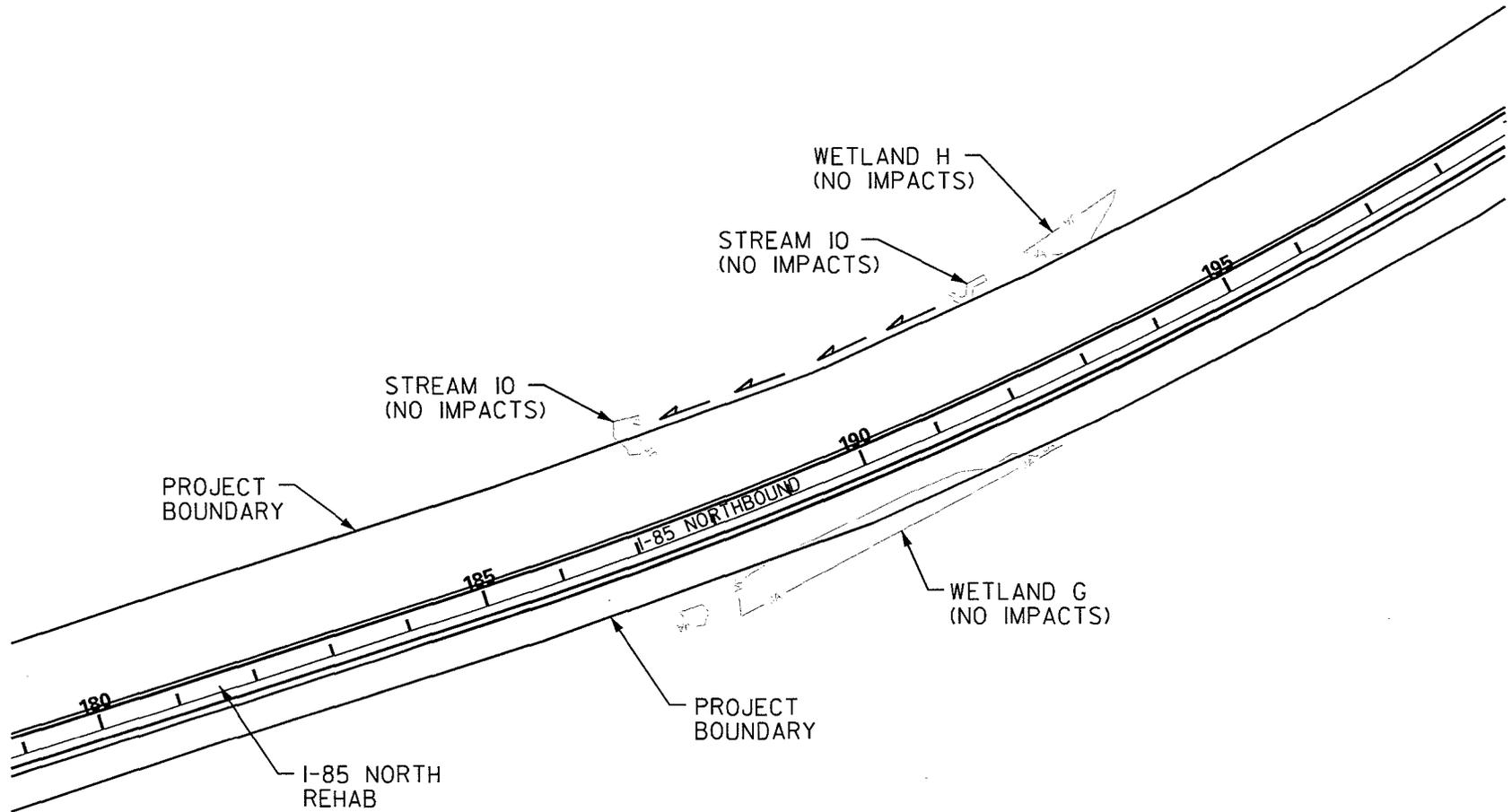
APPLICATION BY:   
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION  
GREENVILLE & SPARTANBURG COUNTIES  
PROJECT ID 0038III  
I-85/I-385 INTERCHANGE  
WETLAND PERMIT DRAWINGS

SCALE: 1" = 2000' SHEET 7 OF 36

SHEET 8 IMPACTS

OPEN WATER IMPACTS	0.000-AC.
STORMWATER POND IMPACTS	0.000-AC.
WETLAND IMPACTS	0.000-AC.
STREAM IMPACTS	0-LF (0.000-AC.)

NOTE:  
 1. THIS SECTION CONSISTS OF PAVEMENT REHABILITATION ONLY.  
 DETAILED DRAINAGE AND SURVEY INFORMATION IS NOT AVAILABLE.



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
STANTEC PROJECT NUMBER: 171001537			
SCDOT PROJECT ID: 0038III			
USACE SAC: 2012-00588-DS			

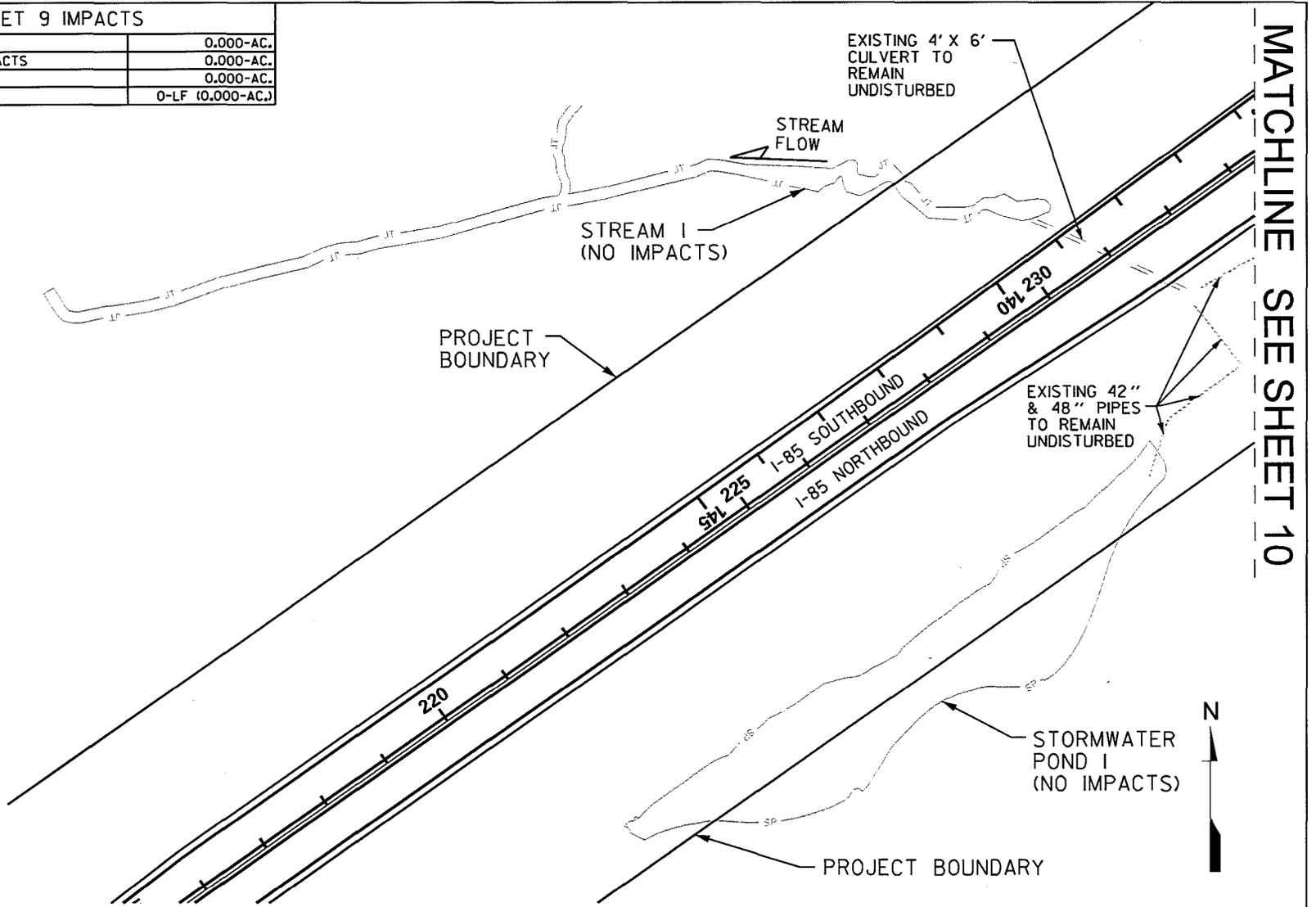


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 SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 GREENVILLE & SPARTANBURG COUNTIES  
 PROJECT ID 0038III  
 I-85/I-385 INTERCHANGE  
 WETLAND PERMIT DRAWINGS

SCALE: 1" = 200'

SHEET 9 IMPACTS

OPEN WATER IMPACTS	0.000-AC.
STORMWATER POND IMPACTS	0.000-AC.
WETLAND IMPACTS	0.000-AC.
STREAM IMPACTS	0-LF (0.000-AC.)



MATCHLINE SEE SHEET 10



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USACE SAC: 2012-00588-DS			

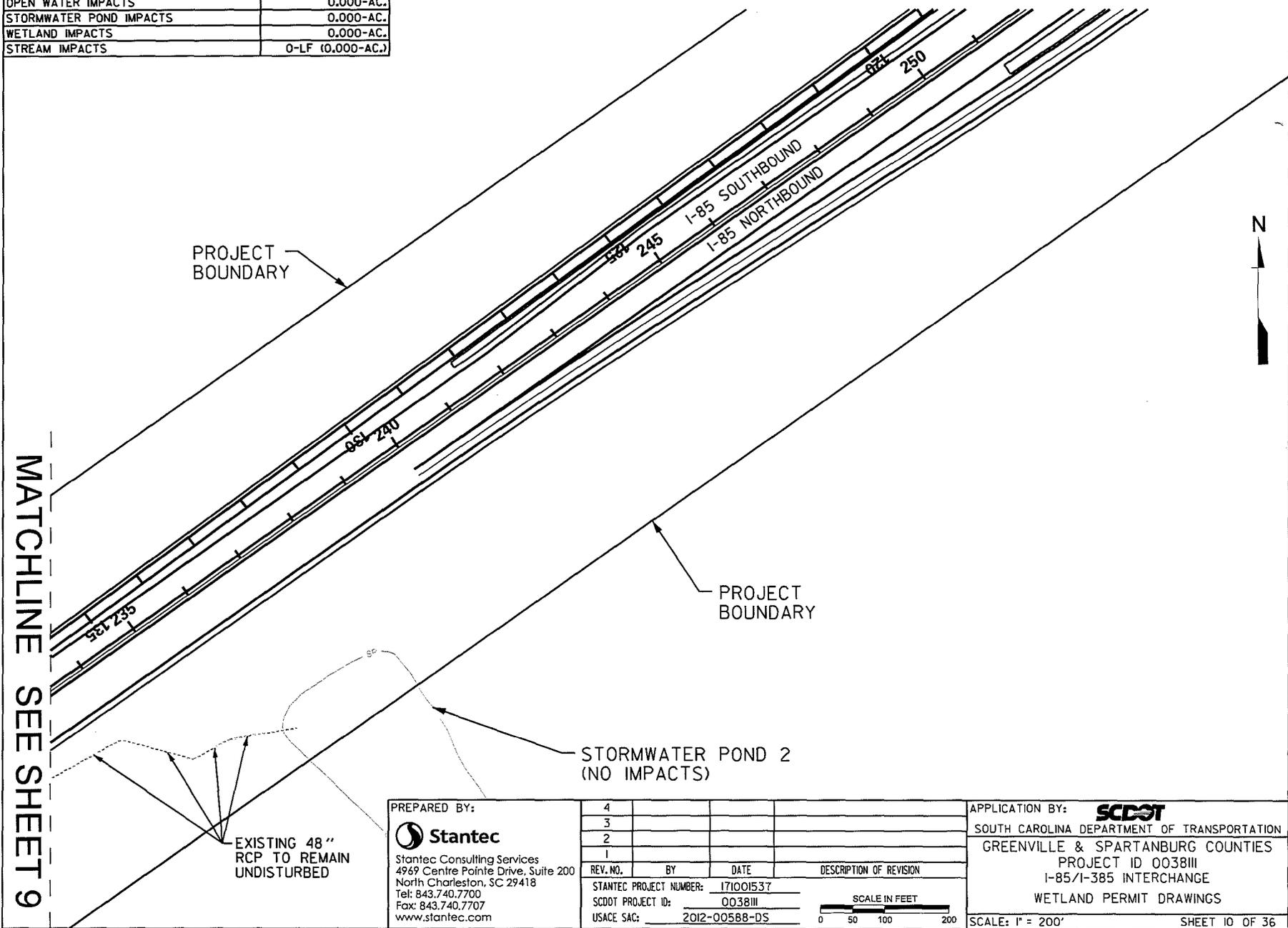


APPLICATION BY: **SCDOT**  
 SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 GREENVILLE & SPARTANBURG COUNTIES  
 PROJECT ID 0038III  
 I-85/I-385 INTERCHANGE  
 WETLAND PERMIT DRAWINGS

SCALE: 1" = 200'  
 SHEET 9 OF 36

SHEET 10 IMPACTS

OPEN WATER IMPACTS	0.000-AC.
STORMWATER POND IMPACTS	0.000-AC.
WETLAND IMPACTS	0.000-AC.
STREAM IMPACTS	0-LF (0.000-AC.)



MATCHLINE SEE SHEET 9

PROJECT BOUNDARY

PROJECT BOUNDARY

STORMWATER POND 2  
(NO IMPACTS)

EXISTING 48"  
RCP TO REMAIN  
UNDISTURBED

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STANTEC PROJECT NUMBER: 171001537			
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USACE SAC: 2012-00588-DS			

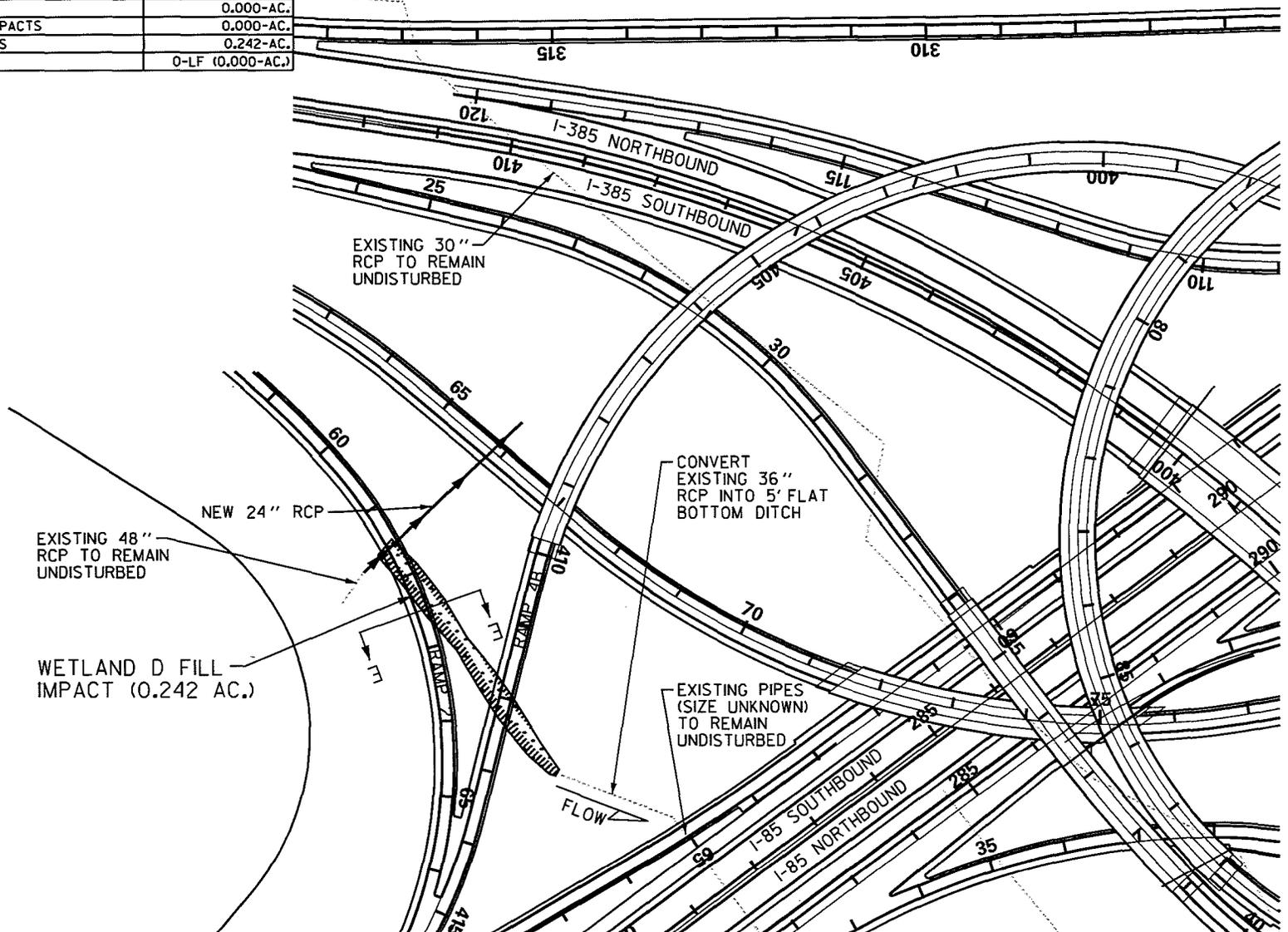
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0 50 100 200

APPLICATION BY: **SCDOT**  
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION  
GREENVILLE & SPARTANBURG COUNTIES  
PROJECT ID 0038III  
I-85/I-385 INTERCHANGE  
WETLAND PERMIT DRAWINGS

SCALE: 1" = 200'

SHEET II IMPACTS

OPEN WATER IMPACTS	0.000-AC.
STORMWATER POND IMPACTS	0.000-AC.
WETLAND FILL IMPACTS	0.242-AC.
STREAM IMPACTS	0-LF (0.000-AC.)



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
STANTEC PROJECT NUMBER: 171001537			
SCDOT PROJECT ID: 0038III			
USACE SAC: 2012-00588-DS			



APPLICATION BY: **SCDOT**  
 SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 GREENVILLE & SPARTANBURG COUNTIES  
 PROJECT ID 0038III  
 I-85/I-385 INTERCHANGE  
 WETLAND PERMIT DRAWINGS

SCALE: 1" = 200'

SHEET 12 IMPACTS

OPEN WATER IMPACTS	0.000-AC.
STORMWATER POND IMPACTS	0.000-AC.
WETLAND IMPACTS	0.000-AC.
STREAM IMPACTS	0-LF (0.000-AC.)



STORMWATER POND 3 (NO IMPACTS)

NEW 42" RCP

MATCHLINE SEE SHEET 13

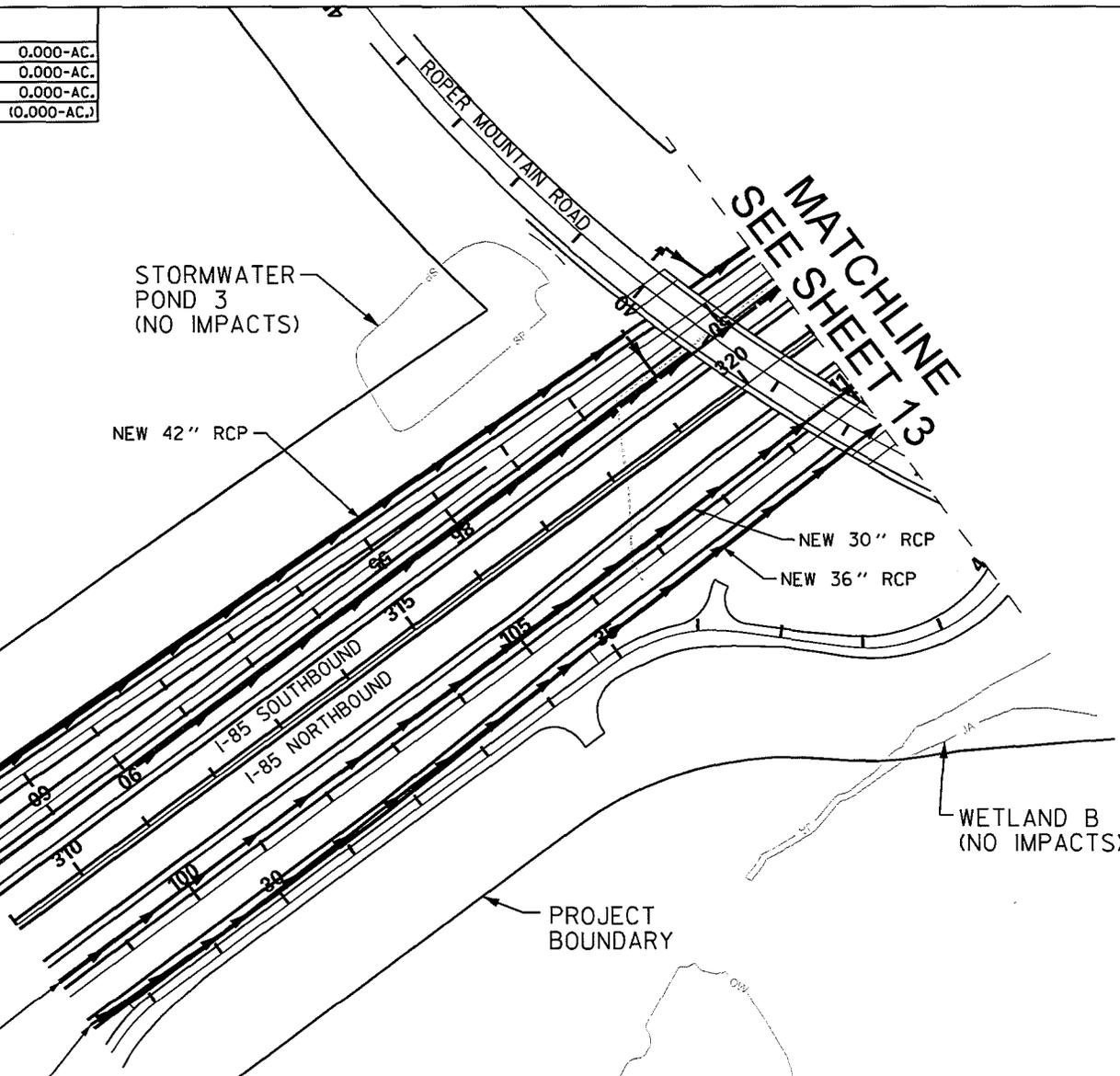
NEW 30" RCP

NEW 36" RCP

NEW 42" RCP CONTINUES ALONG I-85

NEW 30" RCP CONTINUES ALONG I-85

NEW 36" RCP CONTINUES ALONG I-85

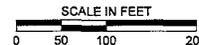


PROJECT BOUNDARY

WETLAND B (NO IMPACTS)

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4			
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
STANTEC PROJECT NUMBER: 171001537			
SCDOT PROJECT ID: 0038III			
USACE SAC: 2012-00588-05			



APPLICATION BY: **SCDOT**  
 SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 GREENVILLE & SPARTANBURG COUNTIES  
 PROJECT ID 0038III  
 I-85/I-385 INTERCHANGE  
 WETLAND PERMIT DRAWINGS

SCALE: 1" = 200' SHEET 12 OF 36

**SHEET 13 IMPACTS**

OPEN WATER IMPACTS	0.000-AC.
STORMWATER POND IMPACTS	0.000-AC.
WETLAND IMPACTS	0.000-AC.
STREAM ARMORING IMPACTS	9.0-LF (0.002-AC.)
STREAM CULVERT IMPACTS	84.0-LF (0.021-AC.)
STREAM FILL IMPACTS	592.0-LF (0.081-AC.)
STREAM PIPING IMPACTS	305.0-LF (0.095-AC.)

**STREAM 3 IMPACTS**  
 CULVERT: 55.0 LF (0.016 AC.)  
 FILL: 200.0 LF (0.038 AC.)  
 REFER TO SHEET 13A FOR  
 DETAILED IMPACTS

**MATCHLINE**  
 SEE SHEET 14

**SHEET 13A**

CONST. 67'-5" X 5' BOX  
 CULVERT EXTENSION  
 TIE TO EX. 5' X 5' BOX  
 CULVERT

EXISTING 36" RCP TO  
 REMAIN UNDISTURBED

JURISDICTIONAL  
 OPEN WATER 1  
 (NO IMPACTS)

PROJECT  
 BOUNDARY

**STREAM 4 IMPACTS**  
 ARMORING: 9.0 LF 0.002 AC.)  
 CULVERT: 29.0 LF 0.005 AC.)  
 FILL: 317.0 LF 0.028 AC.)  
 REFER TO SHEET 13A FOR  
 DETAILED IMPACTS

**MATCHLINE**  
 SEE SHEET 12

NEW 48" RCP  
 NEW 18" RCP

EXISTING  
 CULVERT

NEW 48" RCP  
 NEW 42" RCP  
 NEW 48" RCP  
 EXISTING 18" PIPES TO REMAIN  
 UNDISTURBED

STREAM  
 FLOW

**STREAM 3 IMPACTS**  
 FILL: 75.0 LF (0.015 AC.)  
 PIPING: 305.0 LF (0.095 AC.)  
 REFER TO SHEET 13A FOR  
 DETAILED IMPACTS

PROJECT  
 BOUNDARY

JURISDICTIONAL  
 OPEN WATER 2  
 (NO IMPACTS)

CONST. 31'-8" X 8' BOX  
 CULVERT EXTENSION  
 TIE TO EX. 5' X 5'  
 BOX CULVERT

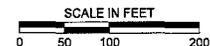


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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
STANTEC PROJECT NUMBER: 171001537			
SCDOT PROJECT ID: 0038III			
USACE SAC: 2012-00588-DS			



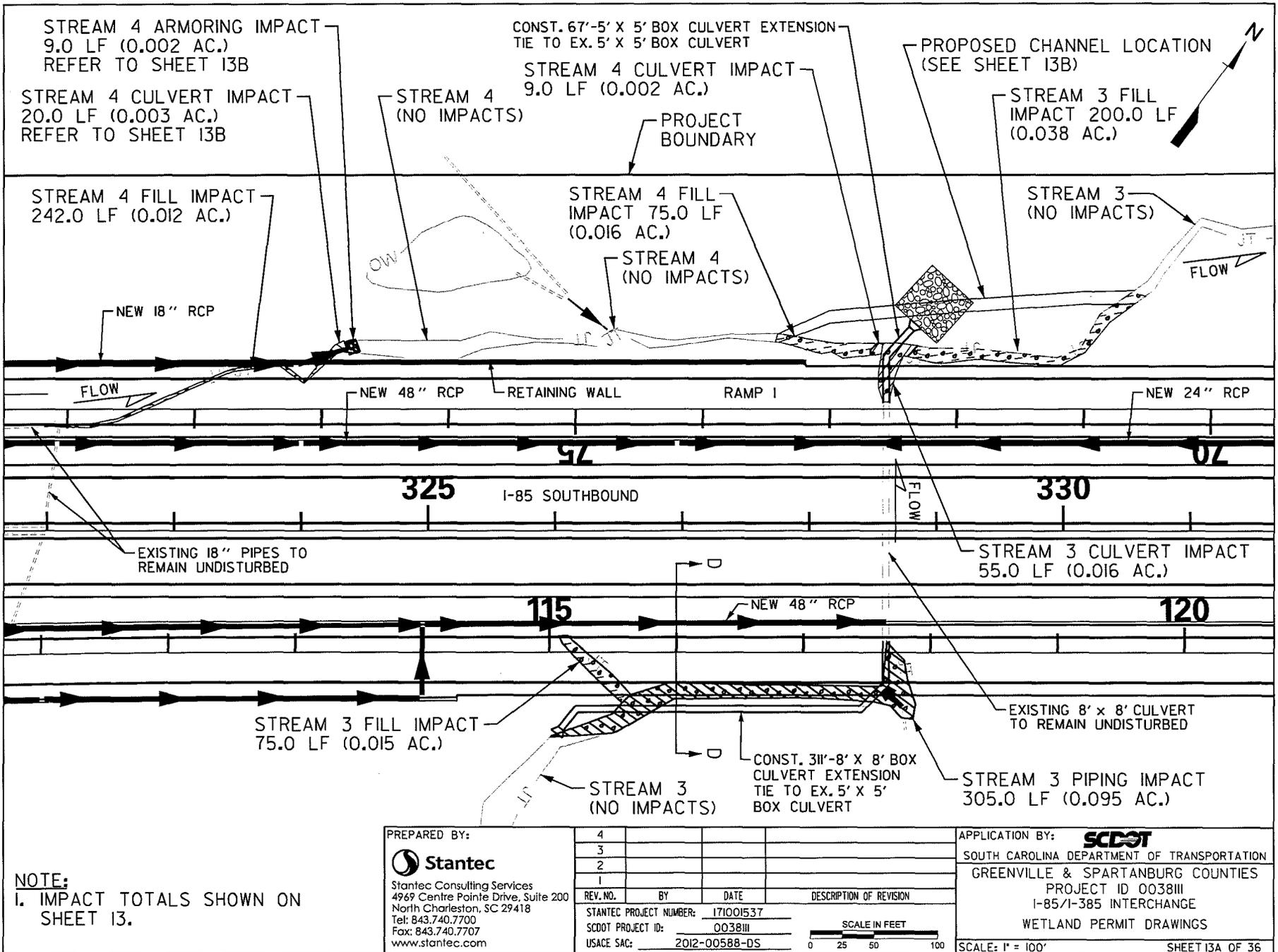
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 PROJECT ID 0038III  
 I-85/I-385 INTERCHANGE  
 WETLAND PERMIT DRAWINGS

SCALE: 1" = 200'

SHEET 13 OF 36



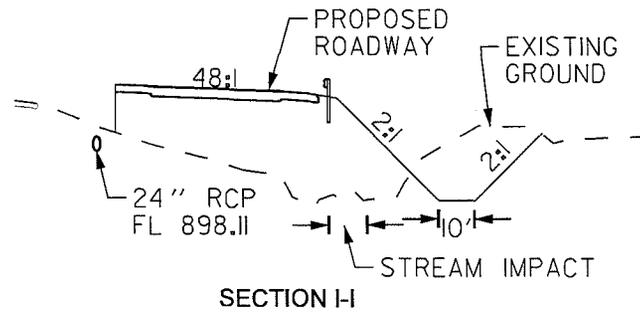
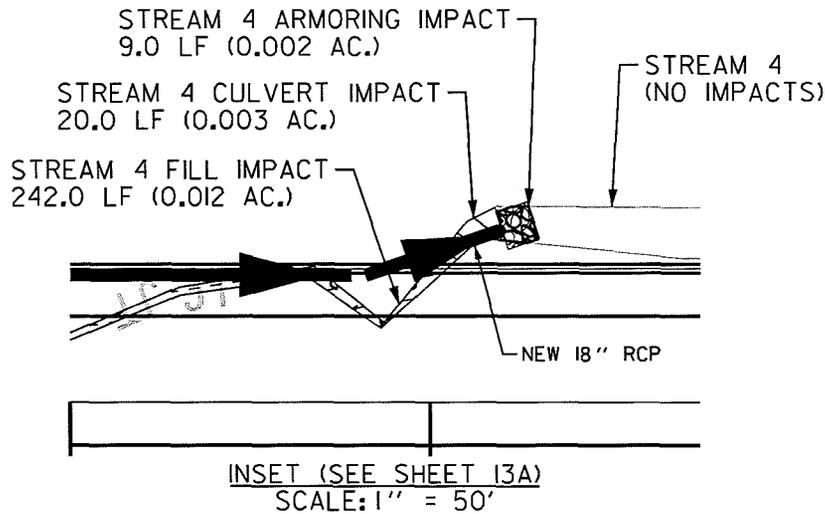
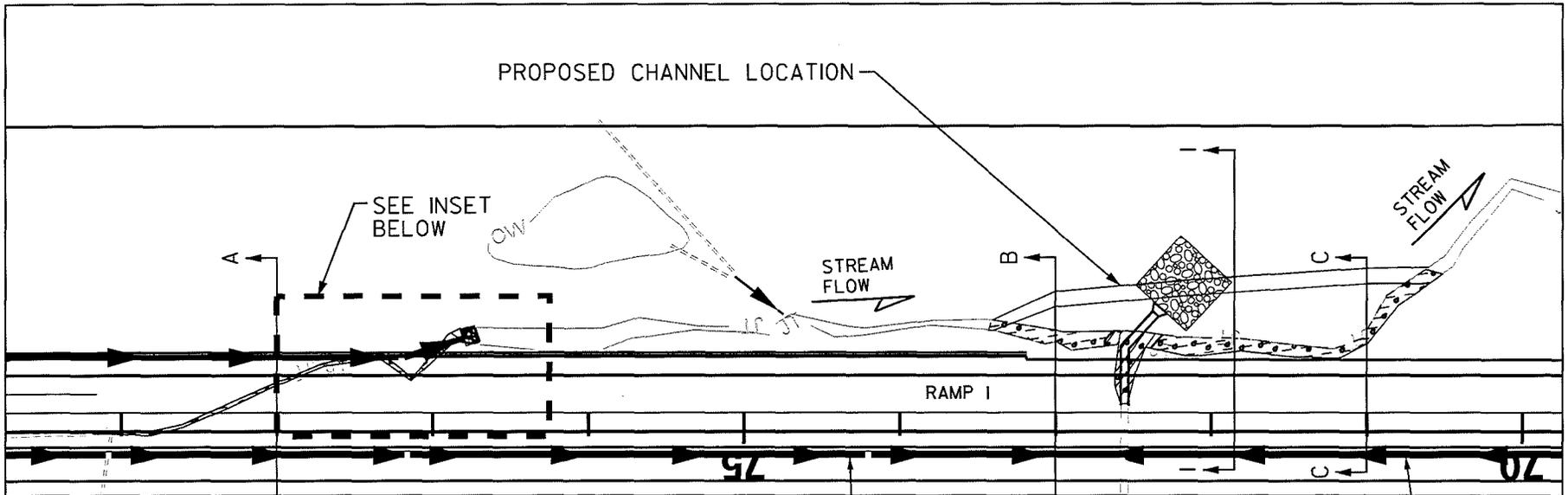
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SCALE IN FEET  
 0 25 50 100

APPLICATION BY: **SCDOT**  
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SCALE: 1" = 100'  
 SHEET 13A OF 36



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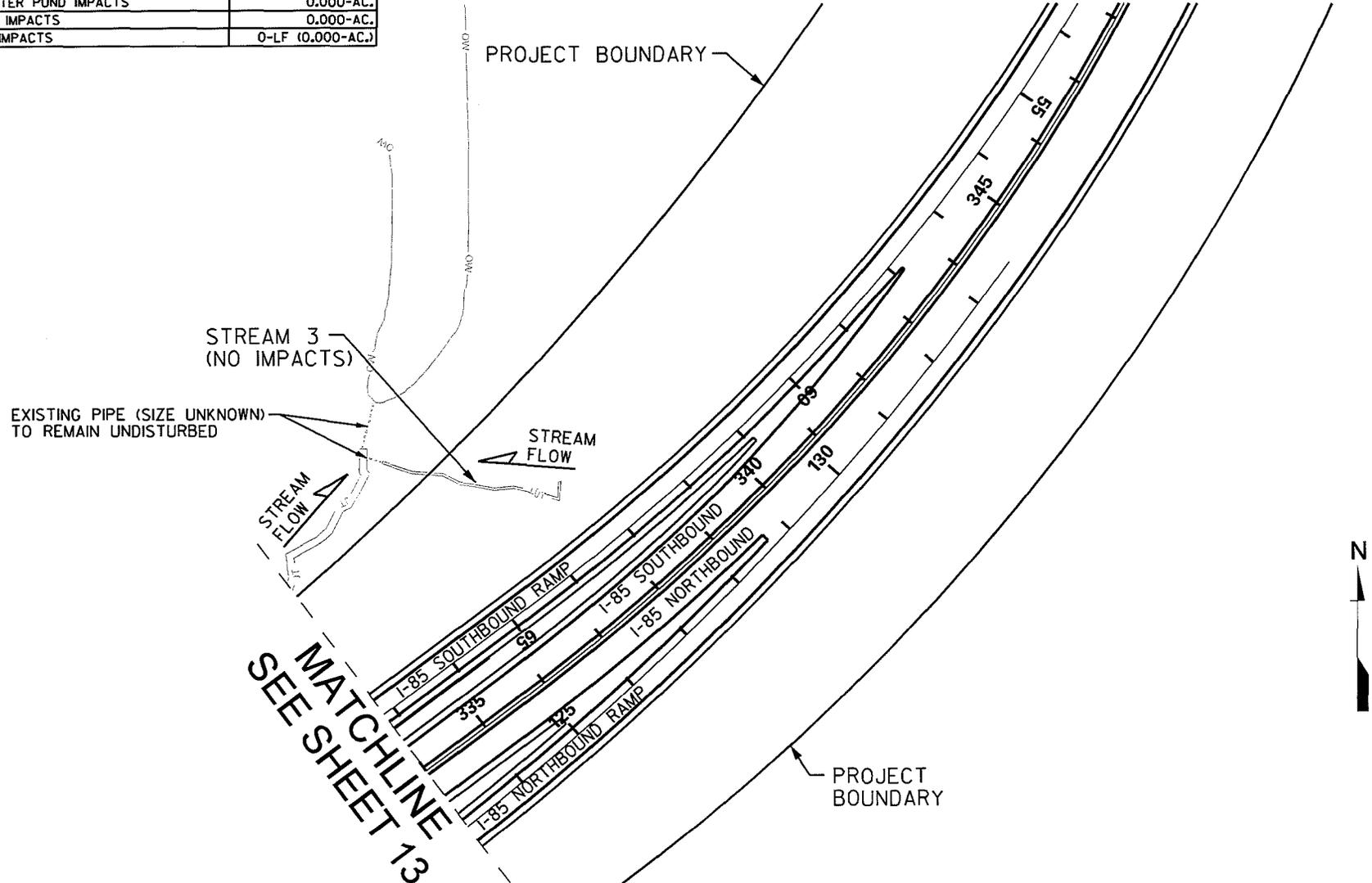
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SCDOT PROJECT ID:		0038III		
USACE SAC:		2012-00588-DS		
			SCALE IN FEET	
			0 25 50 100	

APPLICATION BY: **SCDOT**  
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 GREENVILLE & SPARTANBURG COUNTIES  
 PROJECT ID 0038III  
 I-85/I-385 INTERCHANGE  
 WETLAND PERMIT DRAWINGS

SCALE: 1" = 100' SHEET 13B OF 36

SHEET 14 IMPACTS

OPEN WATER IMPACTS	0.000-AC.
STORMWATER POND IMPACTS	0.000-AC.
WETLAND IMPACTS	0.000-AC.
STREAM IMPACTS	0-LF (0.000-AC.)



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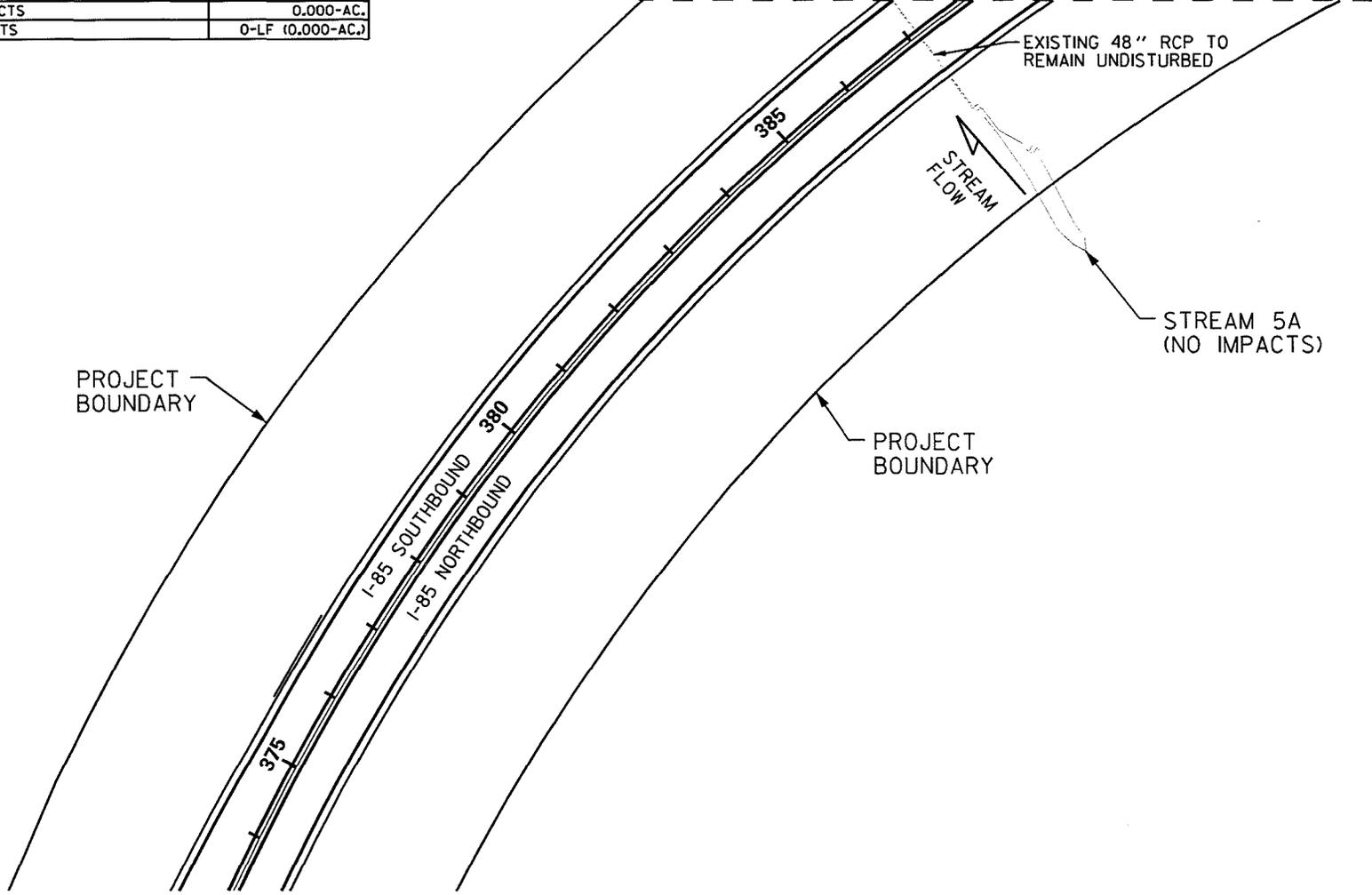

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 PROJECT ID 0038III  
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 WETLAND PERMIT DRAWINGS

SCALE: 1" = 200' SHEET 14 OF 36

SHEET 15 IMPACTS

OPEN WATER IMPACTS	0.000-AC.
STORMWATER POND IMPACTS	0.000-AC.
WETLAND IMPACTS	0.000-AC.
STREAM IMPACTS	0-LF (0.000-AC.)

MATCHLINE SEE SHEET 16



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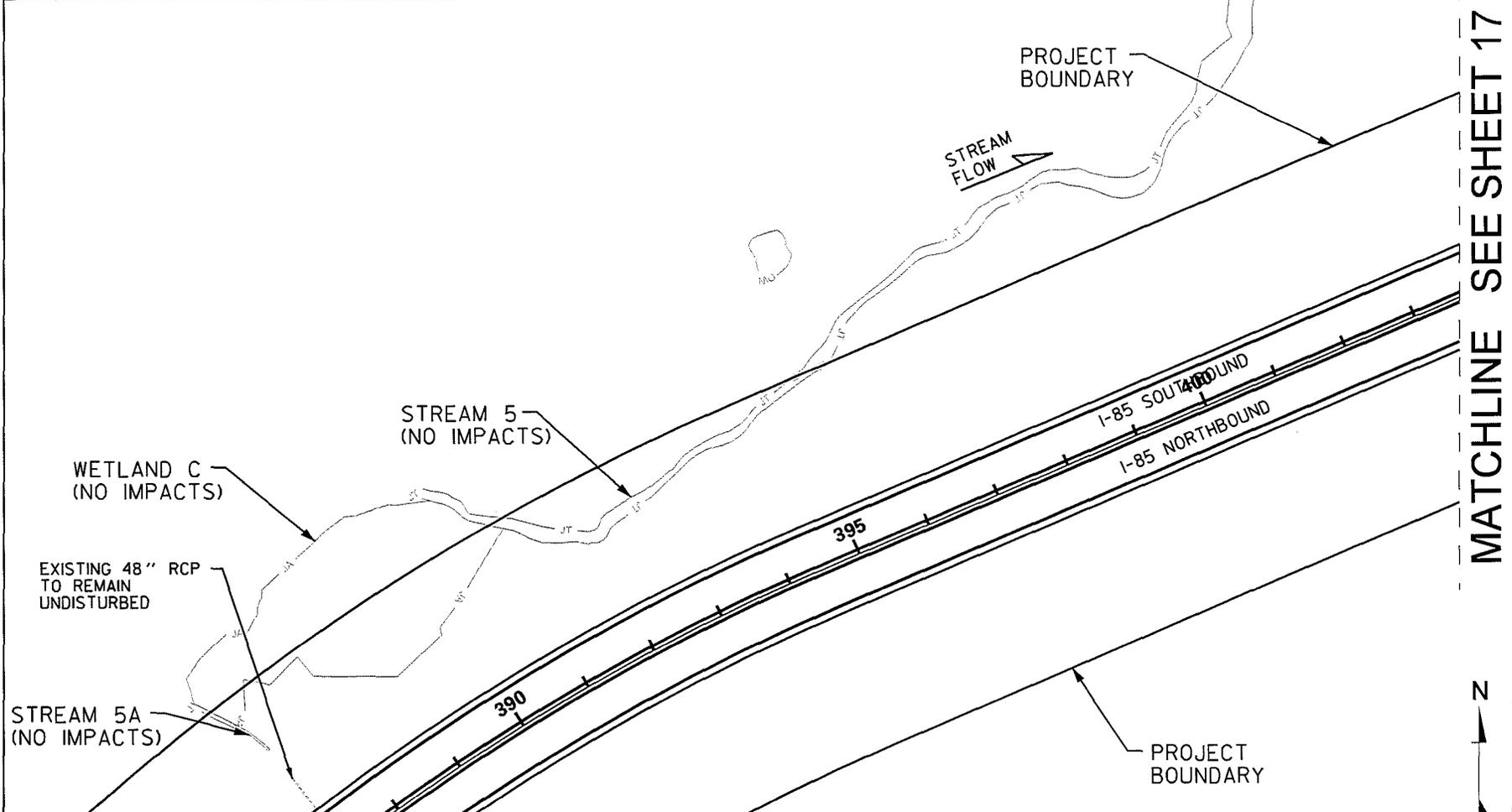
SCALE IN FEET

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 PROJECT ID 0038III  
 I-85/I-385 INTERCHANGE  
 WETLAND PERMIT DRAWINGS

SCALE: 1" = 200' SHEET 15 OF 36

SHEET 16 IMPACTS

OPEN WATER IMPACTS	0.000-AC.
STORMWATER POND IMPACTS	0.000-AC.
WETLAND IMPACTS	0.000-AC.
STREAM IMPACTS	0-LF (0.000-AC.)



MATCHLINE SEE SHEET 17



MATCHLINE SEE SHEET 15

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STANTEC PROJECT NUMBER: 171001537			
SCDOT PROJECT ID: 0038III			
USACE SAC: 2012-00588-DS			

SCALE IN FEET  
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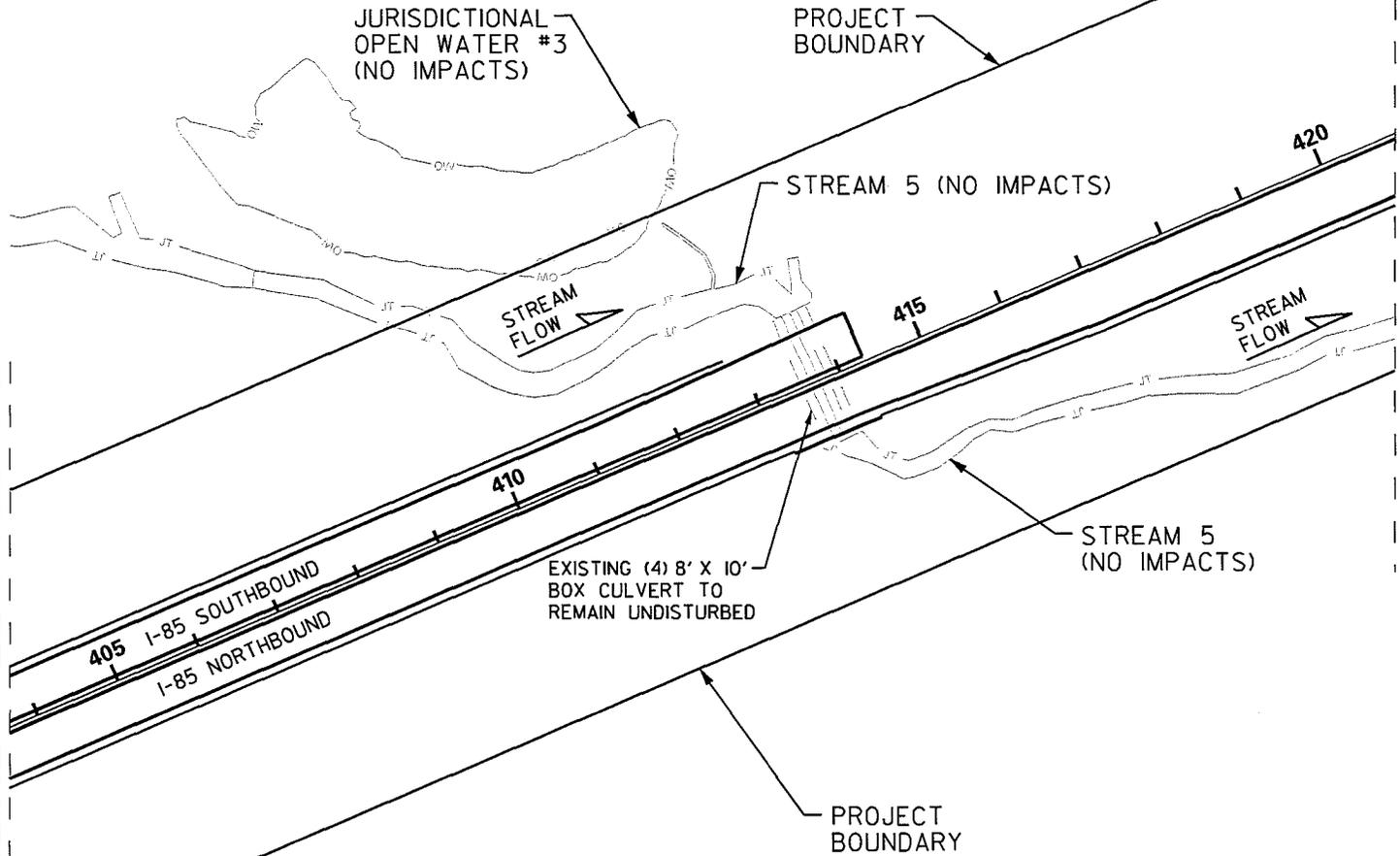
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 WETLAND PERMIT DRAWINGS

SCALE: 1" = 200'  
 SHEET 16 OF 36

SHEET 17 IMPACTS

OPEN WATER IMPACTS	0.000-AC.
STORMWATER POND IMPACTS	0.000-AC.
WETLAND IMPACTS	0.000-AC.
STREAM IMPACTS	0-LF (0,000-AC.)

MATCHLINE SEE SHEET 16



MATCHLINE SEE SHEET 18

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SCDOT PROJECT ID:		0038III		
USACE SAC:		2012-00588-DS		

SCALE IN FEET

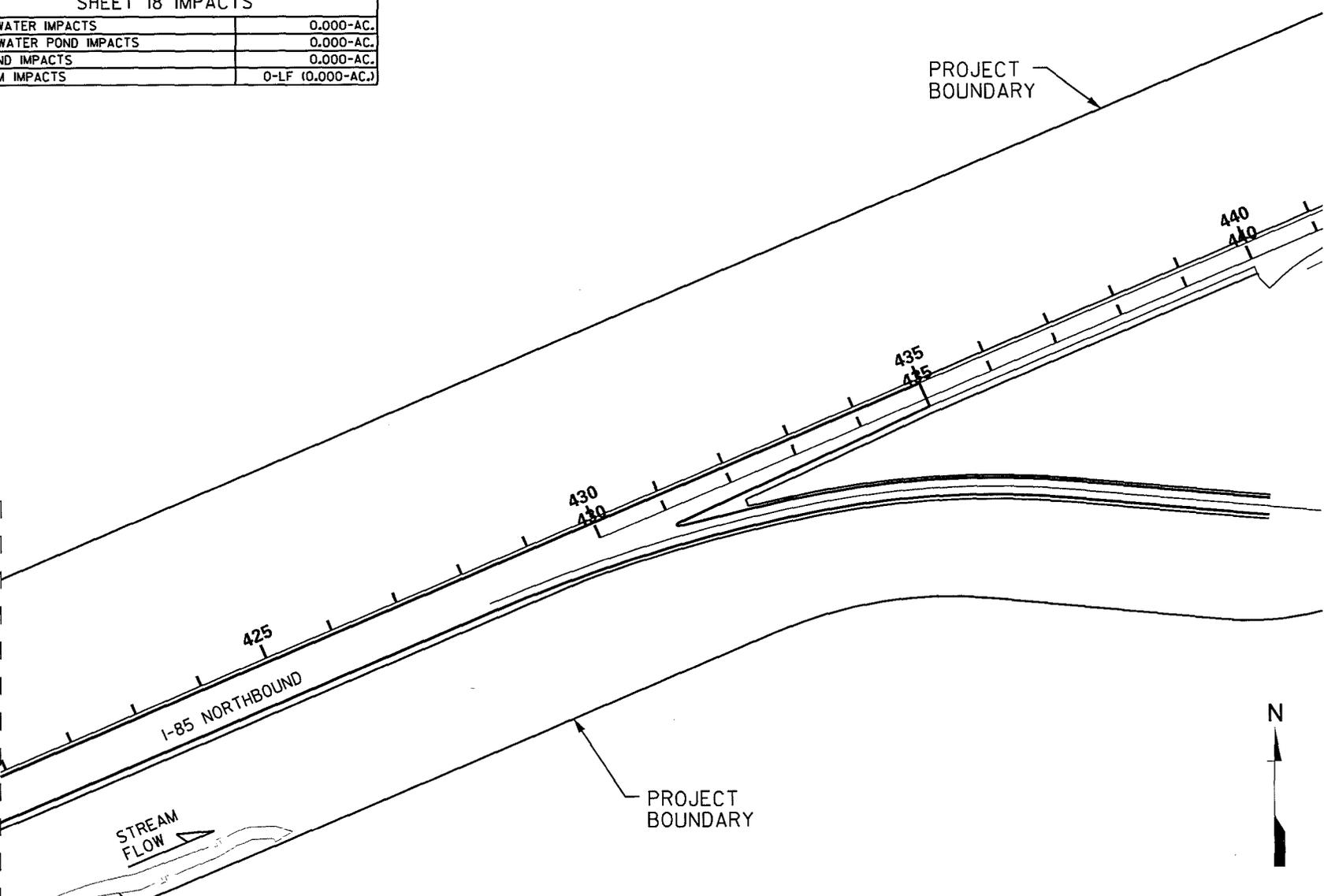
APPLICATION BY: **SCDOT**  
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 PROJECT ID 0038III  
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 WETLAND PERMIT DRAWINGS

SCALE: 1" = 200' SHEET 17 OF 36

SHEET 18 IMPACTS

OPEN WATER IMPACTS	0.000-AC.
STORMWATER POND IMPACTS	0.000-AC.
WETLAND IMPACTS	0.000-AC.
STREAM IMPACTS	0-LF (0.000-AC.)

MATCHLINE SEE SHEET 17



STREAM 5  
(NO IMPACTS)

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SCDOT PROJECT ID: 0038III			
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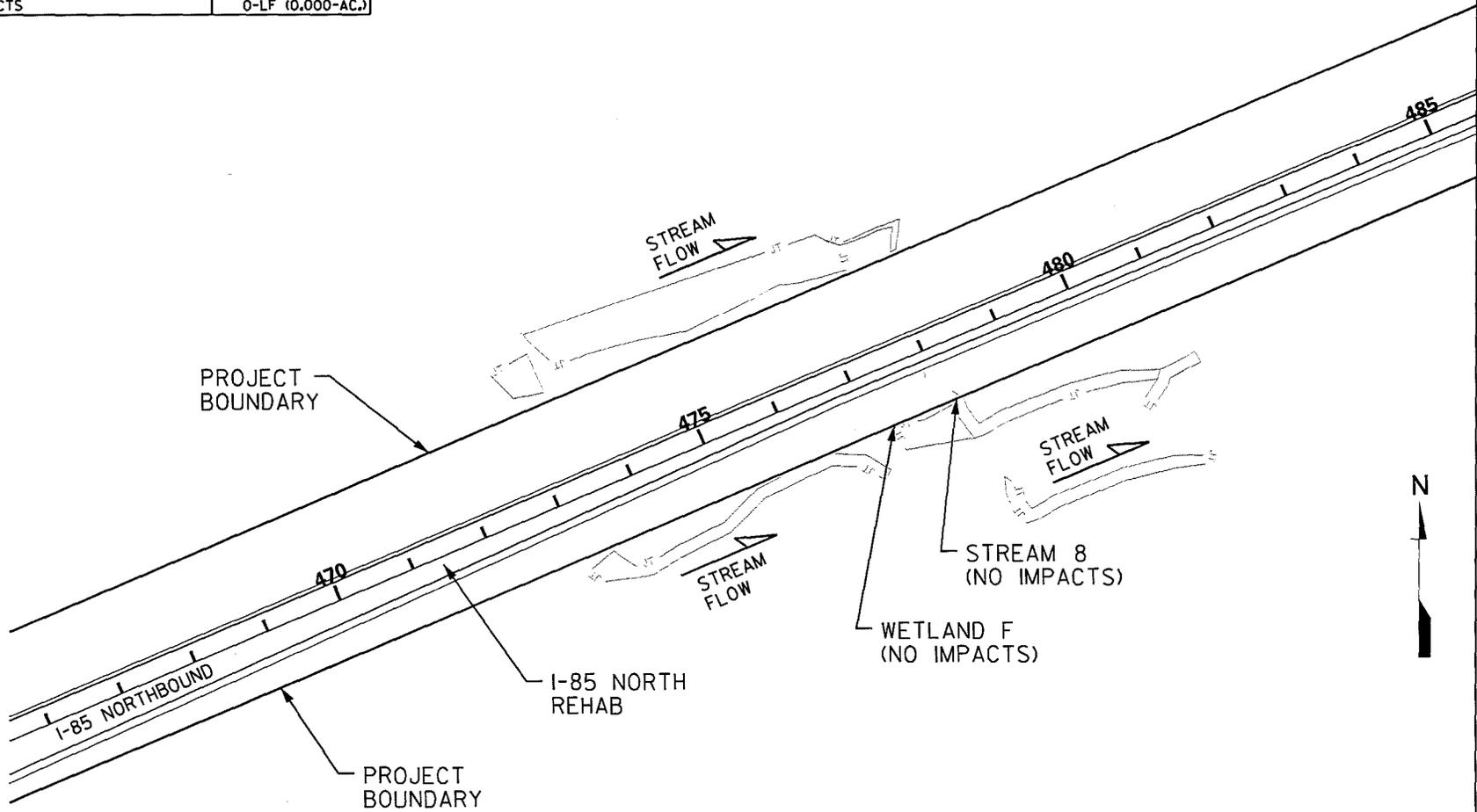
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 PROJECT ID 0038III  
 I-85/I-385 INTERCHANGE  
 WETLAND PERMIT DRAWINGS

SCALE: 1" = 200'

SHEET 19 IMPACTS

OPEN WATER IMPACTS	0.000-AC.
STORMWATER POND IMPACTS	0.000-AC.
WETLAND IMPACTS	0.000-AC.
STREAM IMPACTS	0-LF (0.000-AC.)

NOTE:  
 1. THIS SECTION CONSISTS OF PAVEMENT REHABILITATION ONLY.  
 DETAILED DRAINAGE AND SURVEY INFORMATION IS NOT AVAILABLE.



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USACE SAC:		2012-00588-DS	

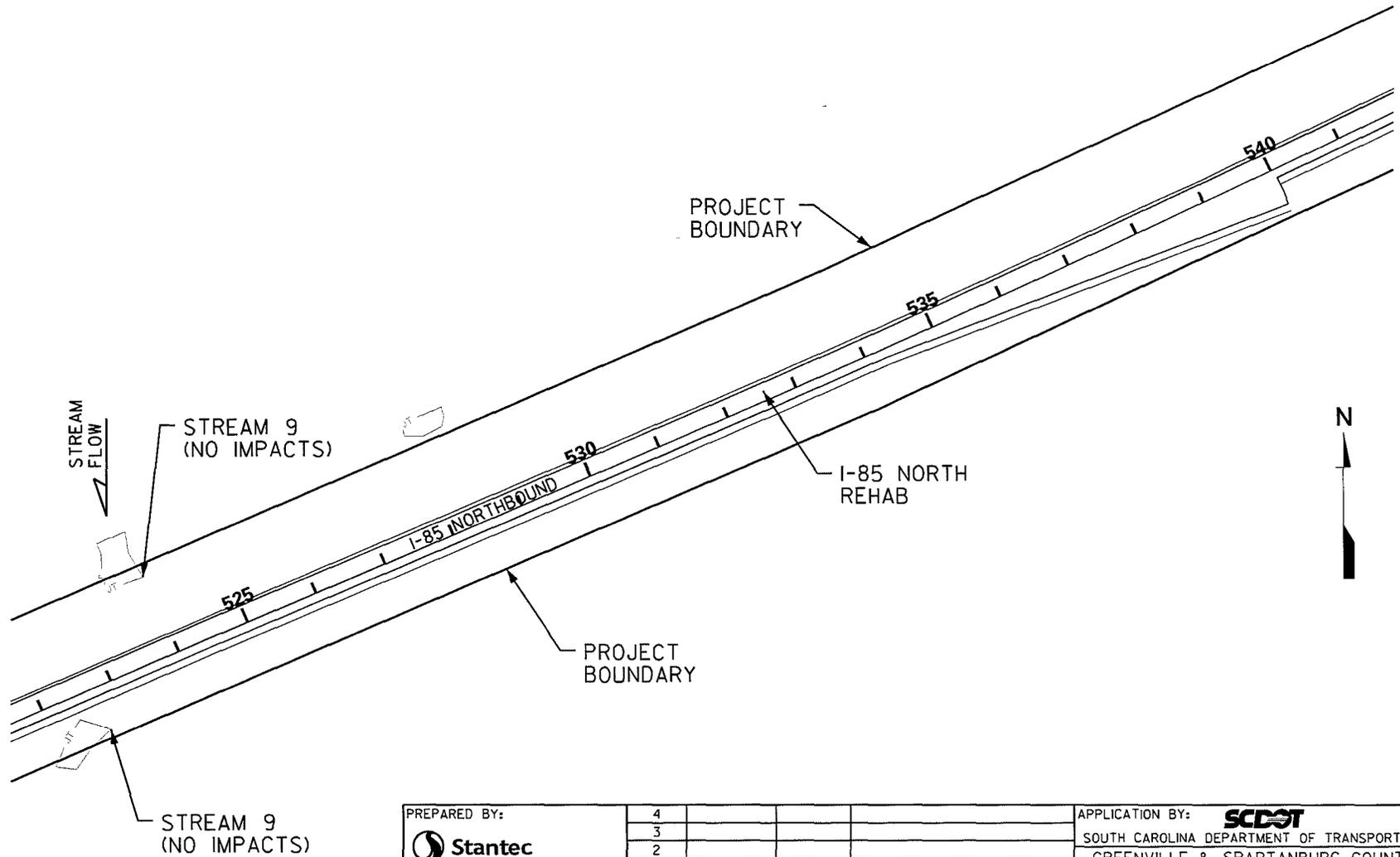


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 I-85/I-385 INTERCHANGE  
 WETLAND PERMIT DRAWINGS  
 SCALE: 1" = 200'  
 SHEET 19 OF 36

SHEET 20 IMPACTS

OPEN WATER IMPACTS	0.000-AC.
STORMWATER POND IMPACTS	0.000-AC.
WETLAND IMPACTS	0.000-AC.
STREAM IMPACTS	0-LF (0.000-AC.)

**NOTE:**  
 1. THIS SECTION CONSISTS OF PAVEMENT REHABILITATION ONLY.  
 DETAILED DRAINAGE AND SURVEY INFORMATION IS NOT AVAILABLE.



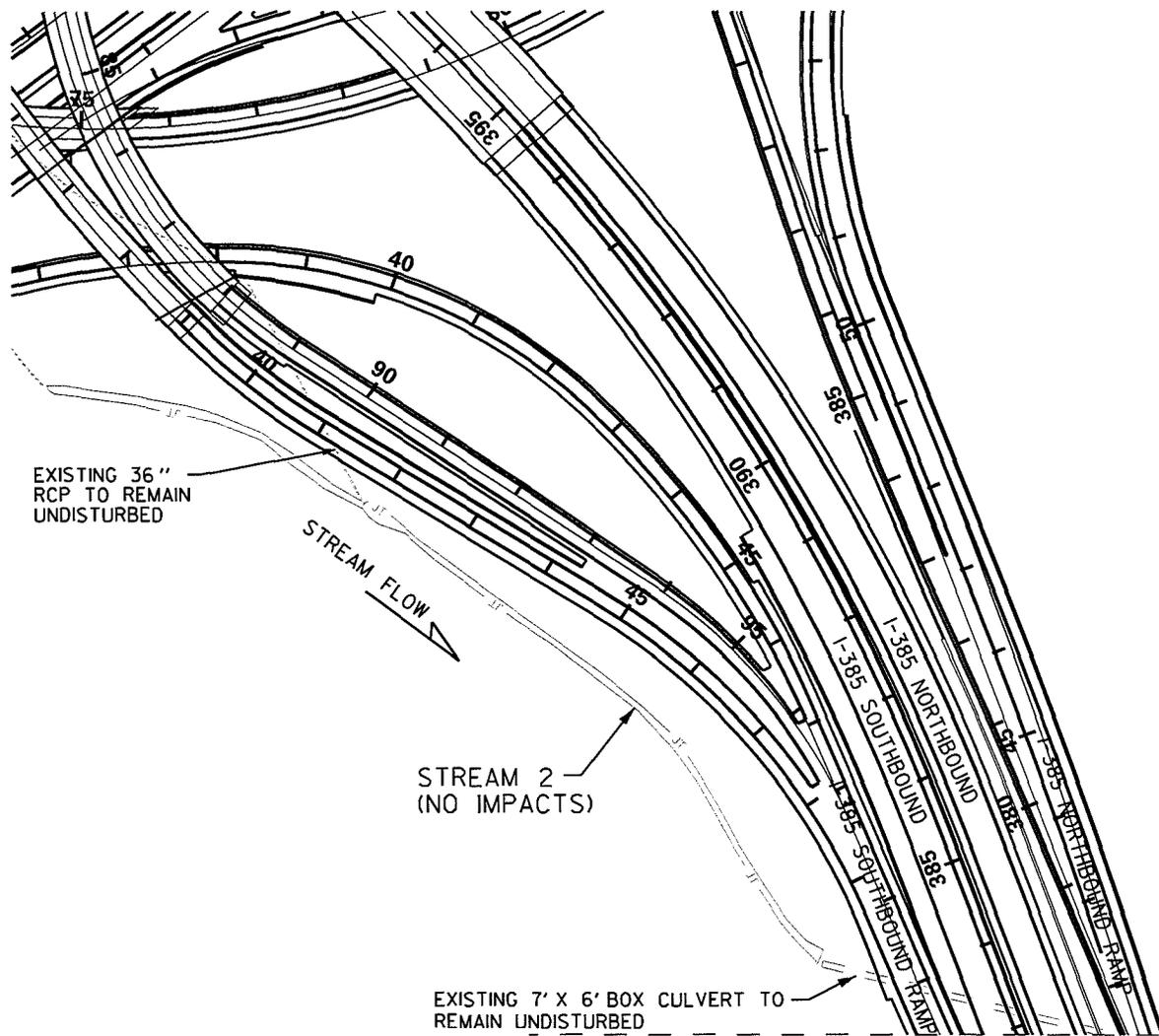
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USACE SAC: 2012-00588-DS			

SCALE IN FEET  
 0 50 100 200

APPLICATION BY: **SCDOT**  
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 PROJECT ID 0038III  
 I-85/I-385 INTERCHANGE  
 WETLAND PERMIT DRAWINGS

SCALE: 1" = 200'



MATCHLINE SEE SHEET 22

SHEET 21 IMPACTS

OPEN WATER IMPACTS	0.000-AC.
STORMWATER POND IMPACTS	0.000-AC.
WETLAND IMPACTS	0.000-AC.
STREAM IMPACTS	0-LF (0.000-AC.)

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USACE SAC:		2012-00588-DS	



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 PROJECT ID 0038III  
 I-85/I-385 INTERCHANGE  
 WETLAND PERMIT DRAWINGS  
 SCALE: 1" = 200'  
 SHEET 21 OF 36

# MATCHLINE SEE SHEET 21

EXISTING 54" RCP TO REMAIN UNDISTURBED

STORMWATER POND 5 (NO IMPACTS)

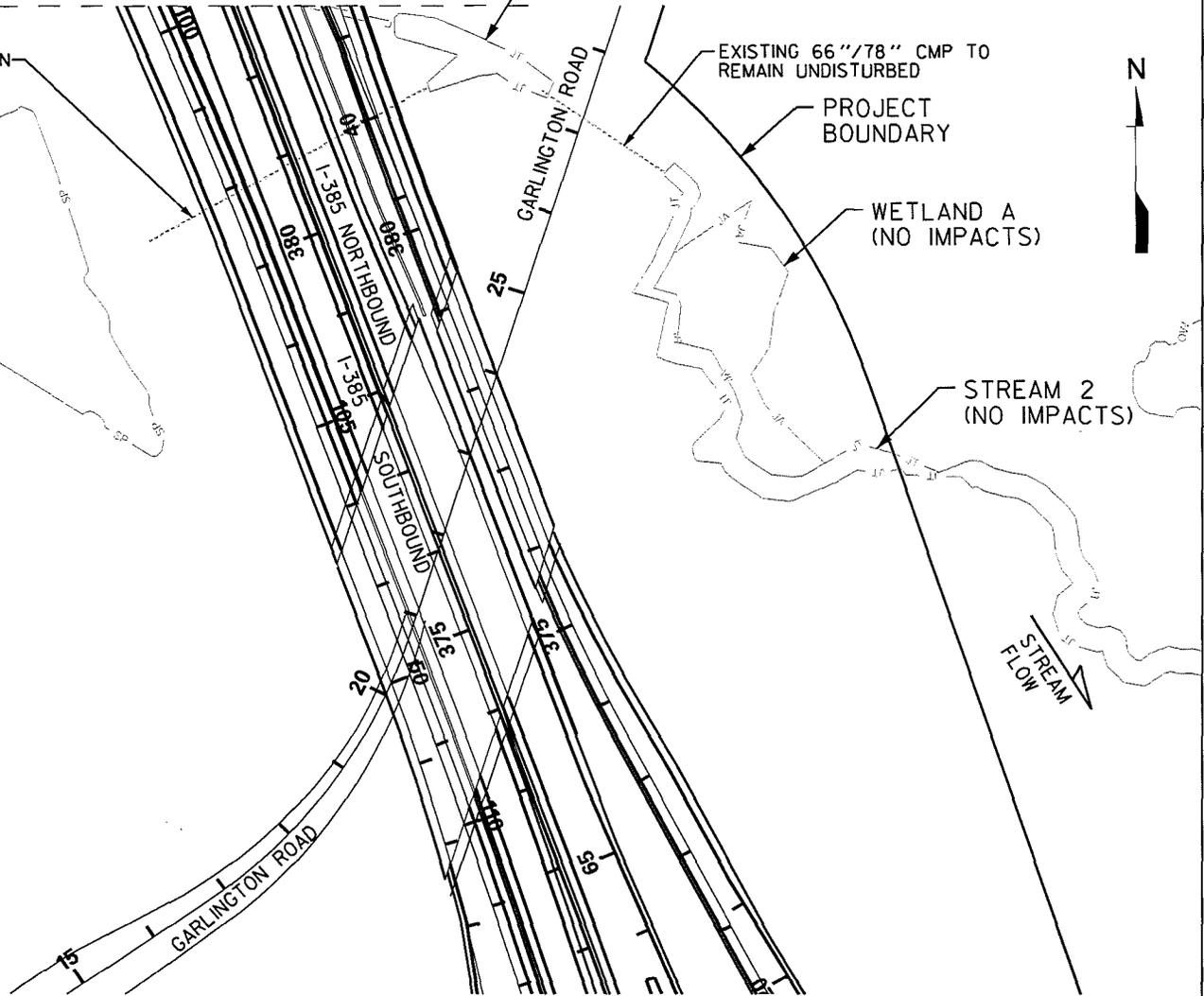
STREAM 2 (NO IMPACTS)

EXISTING 66"/78" CMP TO REMAIN UNDISTURBED

PROJECT BOUNDARY

WETLAND A (NO IMPACTS)

STREAM 2 (NO IMPACTS)



## SHEET 22 IMPACTS

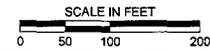
OPEN WATER IMPACTS	0.000-AC.
STORMWATER POND IMPACTS	0.000-AC.
WETLAND IMPACTS	0.000-AC.
STREAM IMPACTS	0-LF (0.000-AC.)

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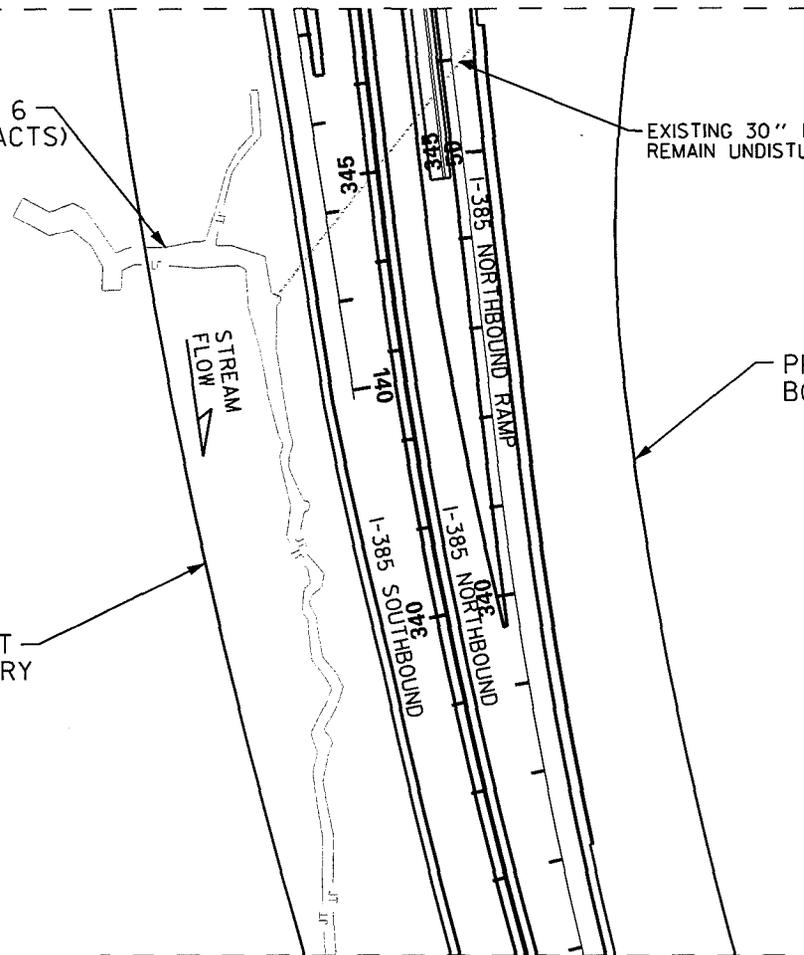
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WETLAND PERMIT DRAWINGS	
SCALE: 1" = 200'	SHEET 22 OF 36

STREAM 6  
(NO IMPACTS)

EXISTING 30" RCP TO  
REMAIN UNDISTURBED

PROJECT  
BOUNDARY

PROJECT  
BOUNDARY



MATCHLINE SEE SHEET 24

SHEET 23 IMPACTS

OPEN WATER IMPACTS	0.000-AC.
STORMWATER POND IMPACTS	0.000-AC.
WETLAND IMPACTS	0.000-AC.
STREAM IMPACTS	0-LF (0.000-AC.)

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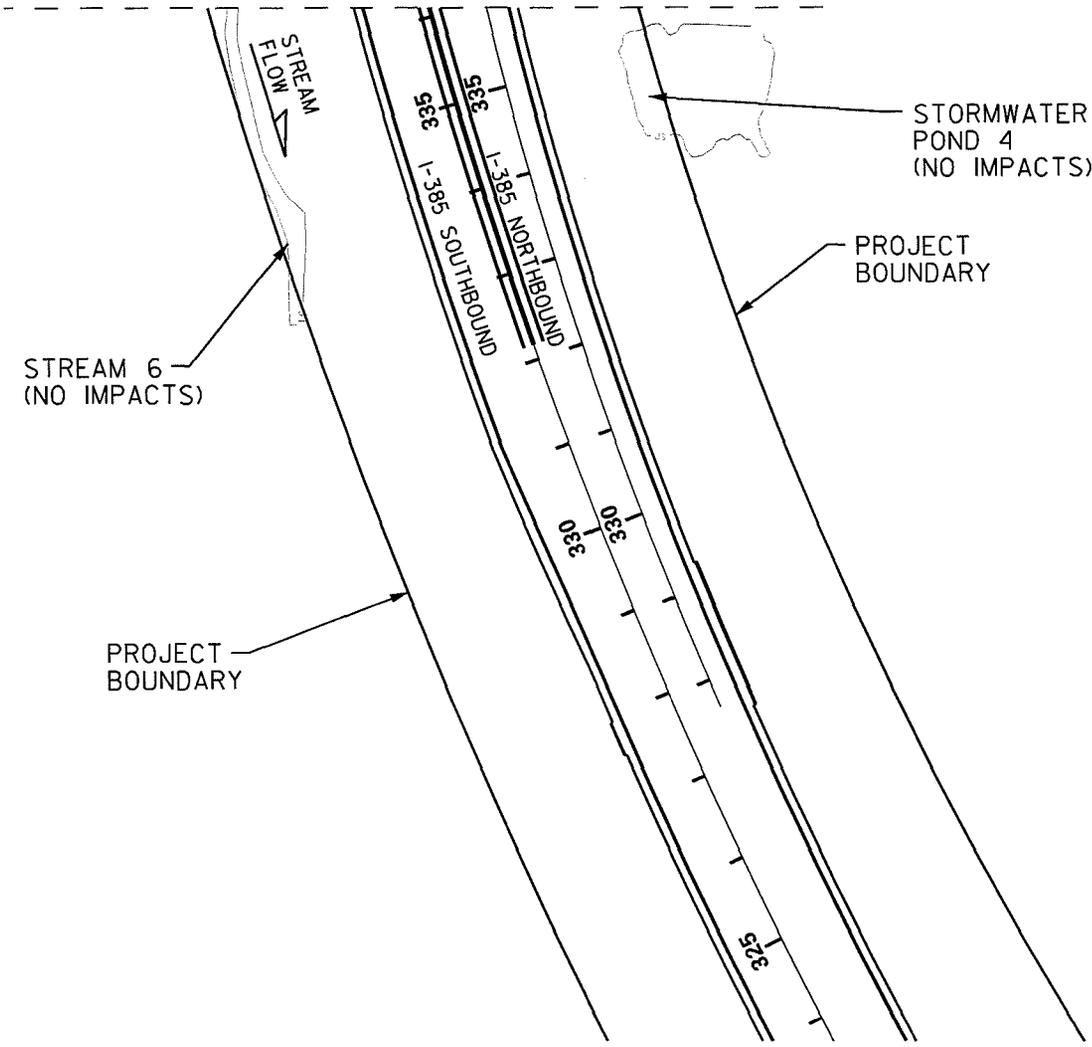
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WETLAND PERMIT DRAWINGS

SCALE: 1" = 200'

SHEET 23 OF 36

MATCHLINE SEE SHEET 23



SHEET 24 IMPACTS	
OPEN WATER IMPACTS	0.000-AC.
STORMWATER POND IMPACTS	0.000-AC.
WETLAND IMPACTS	0.000-AC.
STREAM IMPACTS	0-LF (0.000-AC.)

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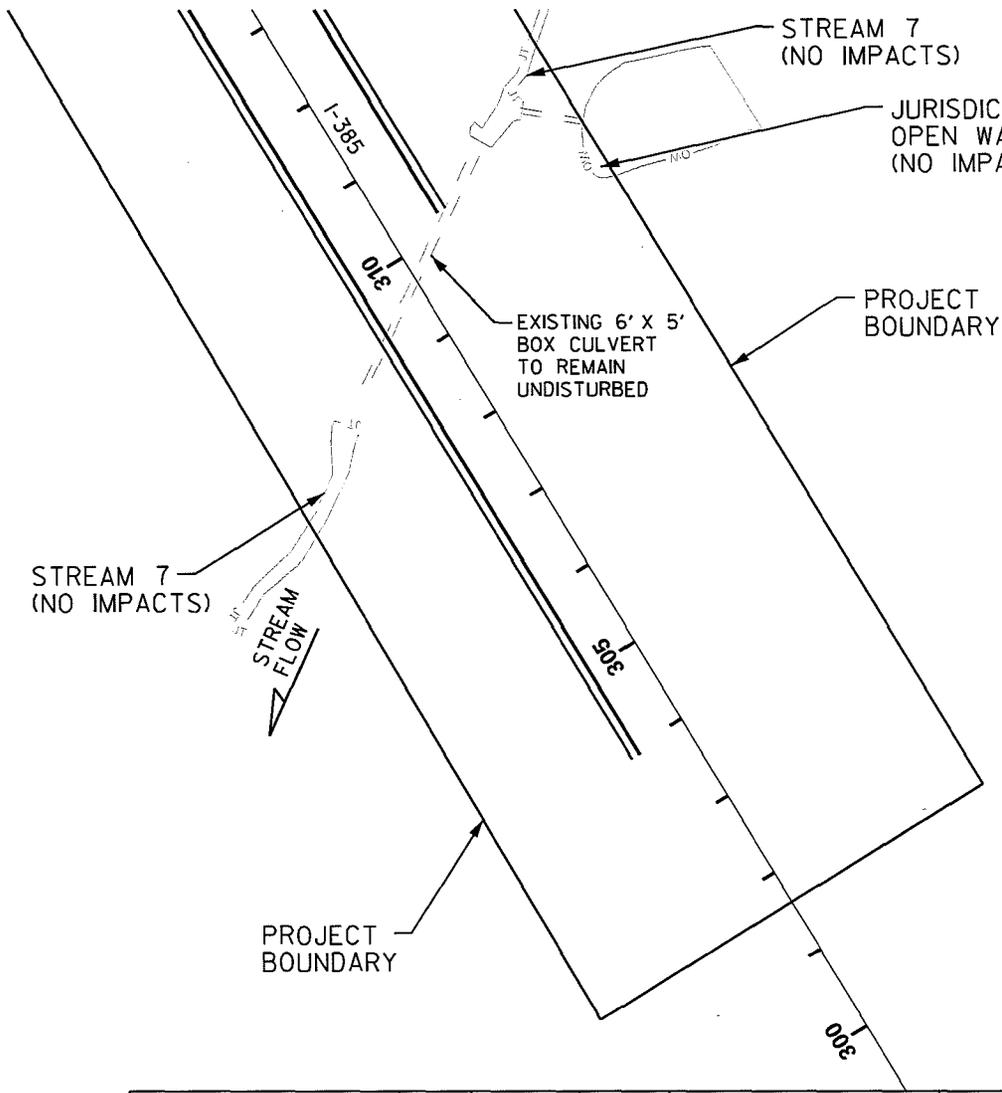
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SCALE IN FEET  
 0 50 100 200

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 WETLAND PERMIT DRAWINGS

SCALE: 1" = 200'



STREAM 7  
(NO IMPACTS)

STREAM 7  
(NO IMPACTS)

JURISDICTIONAL  
OPEN WATER #4  
(NO IMPACTS)

EXISTING 6' X 5'  
BOX CULVERT  
TO REMAIN  
UNDISTURBED

PROJECT  
BOUNDARY

PROJECT  
BOUNDARY

STREAM  
FLOW

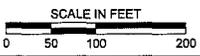


**SHEET 25 IMPACTS**

OPEN WATER IMPACTS	0.000-AC.
STORMWATER POND IMPACTS	0.000-AC.
WETLAND IMPACTS	0.000-AC.
STREAM IMPACTS	0-LF (0.000-AC.)

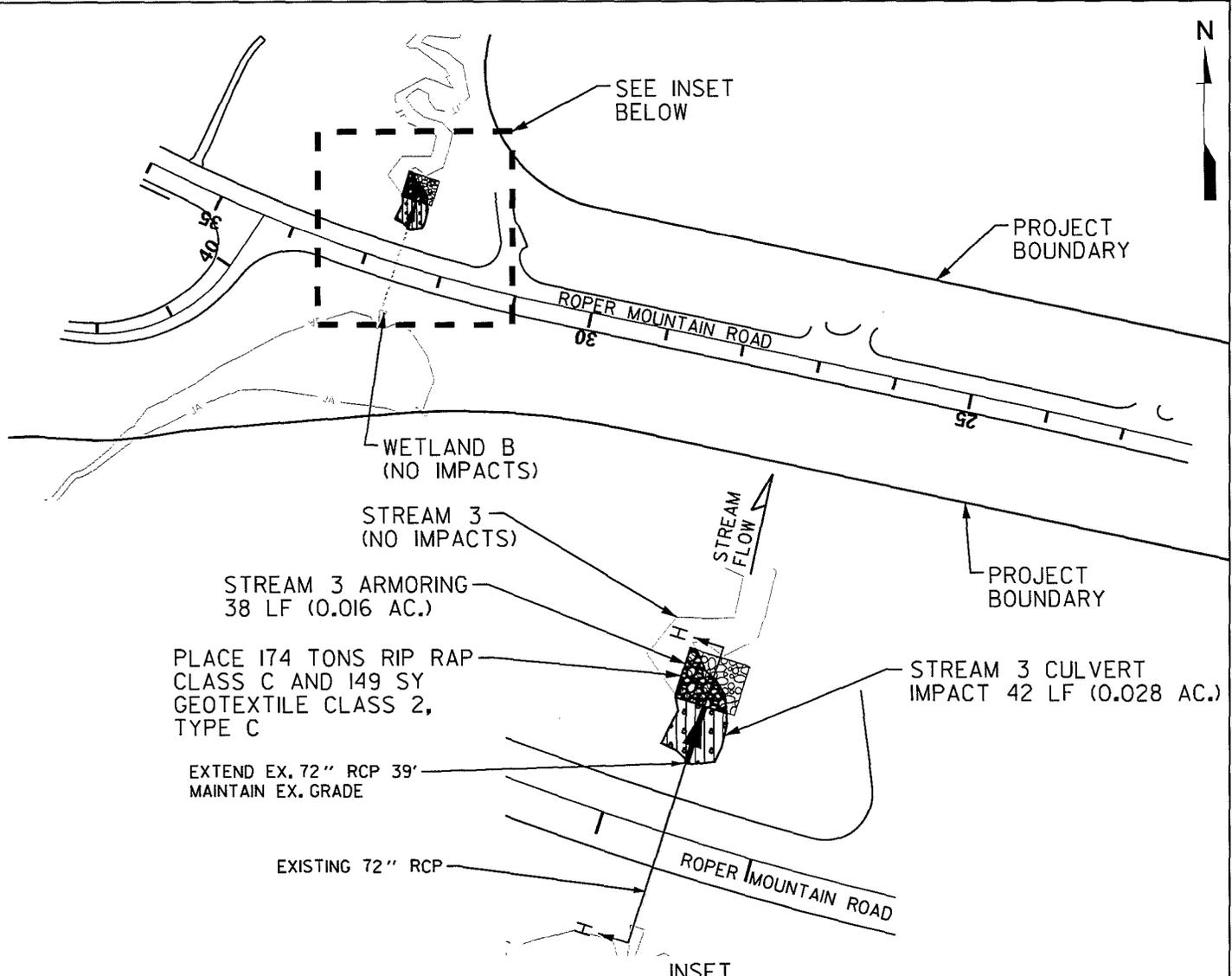
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I-85/I-385 INTERCHANGE  
WETLAND PERMIT DRAWINGS

SCALE: 1" = 200'



INSET  
SCALE: 1" = 100'

SHEET 26 IMPACTS	
OPEN WATER IMPACTS	0.000-AC.
STORMWATER POND IMPACTS	0.000-AC.
WETLAND IMPACTS	0.000-AC.
STREAM ARMORING IMPACTS	38.0-LF (0.016-AC.)
STREAM CLEARING IMPACTS	0.0-LF (0.000-AC.)
STREAM CULVERT IMPACTS	42.0-LF (0.028-AC.)
STREAM FILL IMPACTS	0.0-LF (0.000-AC.)
STREAM PIPING IMPACTS	0.0-LF (0.000-AC.)

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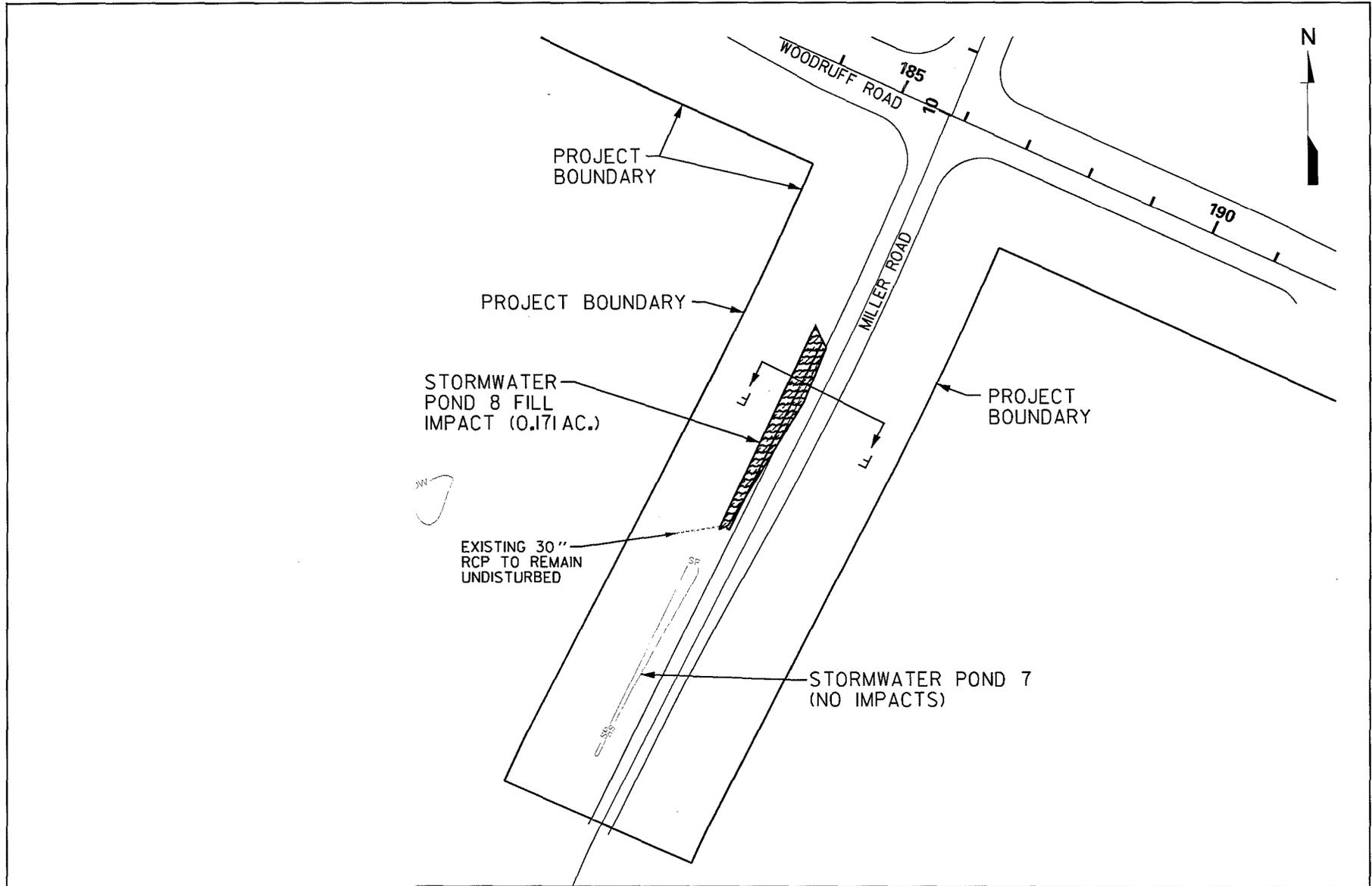
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 WETLAND PERMIT DRAWINGS

SCALE: 1" = 200' SHEET 26 OF 36

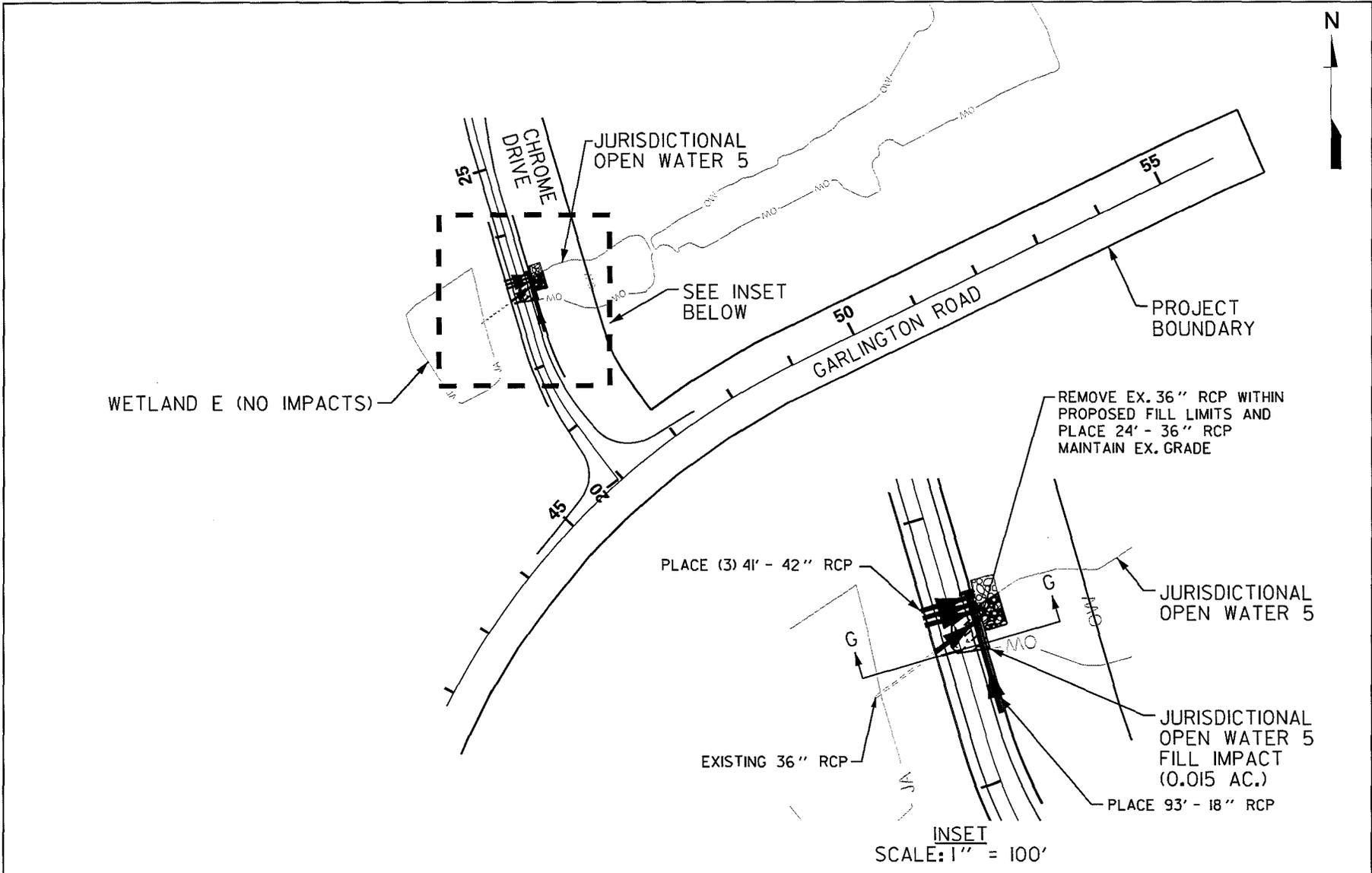


<b>SHEET 27 IMPACTS</b>	
OPEN WATER IMPACTS	0.000-AC.
STORMWATER POND FILL IMPACTS	0.171-AC.
WETLAND IMPACTS	0.000-AC.
STREAM IMPACTS	0-LF (0.000-AC.)

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STANTEC PROJECT NUMBER:		171001537	
SCDOT PROJECT ID:		0038III	
USACE SAC:		2012-00588-DS	
			

APPLICATION BY:   
 SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 GREENVILLE & SPARTANBURG COUNTIES  
 PROJECT ID 0038III  
 I-85/I-385 INTERCHANGE  
 WETLAND PERMIT DRAWINGS  
 SCALE: 1" = 200'



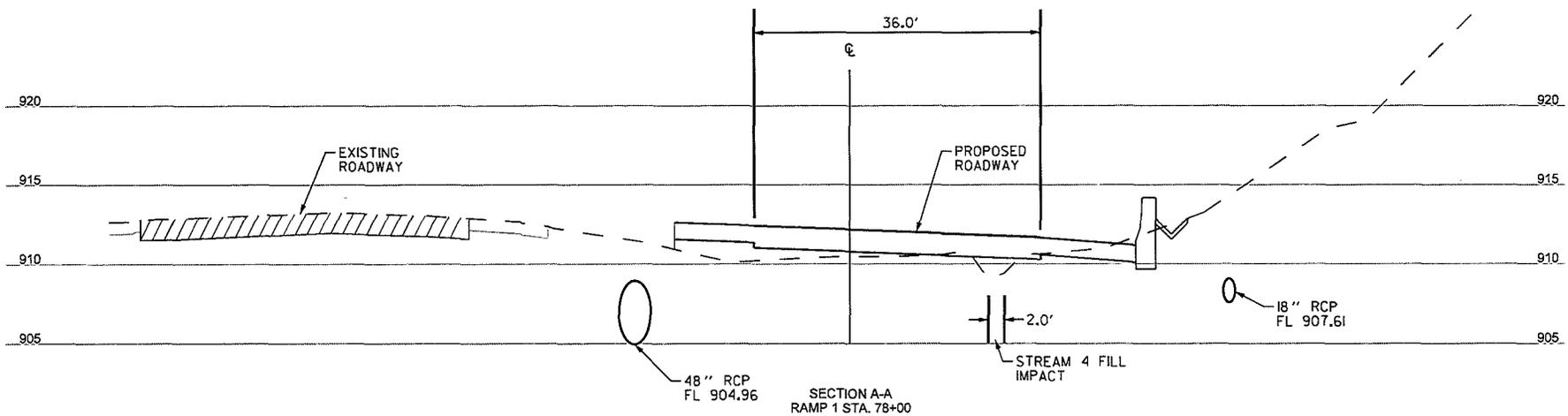
SHEET 28 IMPACTS	
OPEN WATER FILL IMPACTS	0.015-AC.
STORMWATER POND IMPACTS	0.000-AC.
WETLAND IMPACTS	0.000-AC.
STREAM IMPACTS	0-LF (0.000-AC.)

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
STANTEC PROJECT NUMBER: 1710101537			
SCDOT PROJECT ID: 0038III			
USACE SAC: 2012-00588-DS			

APPLICATION BY: **SCDOT**  
 SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 GREENVILLE & SPARTANBURG COUNTIES  
 PROJECT ID 0038III  
 I-85/I-385 INTERCHANGE  
 WETLAND PERMIT DRAWINGS





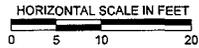
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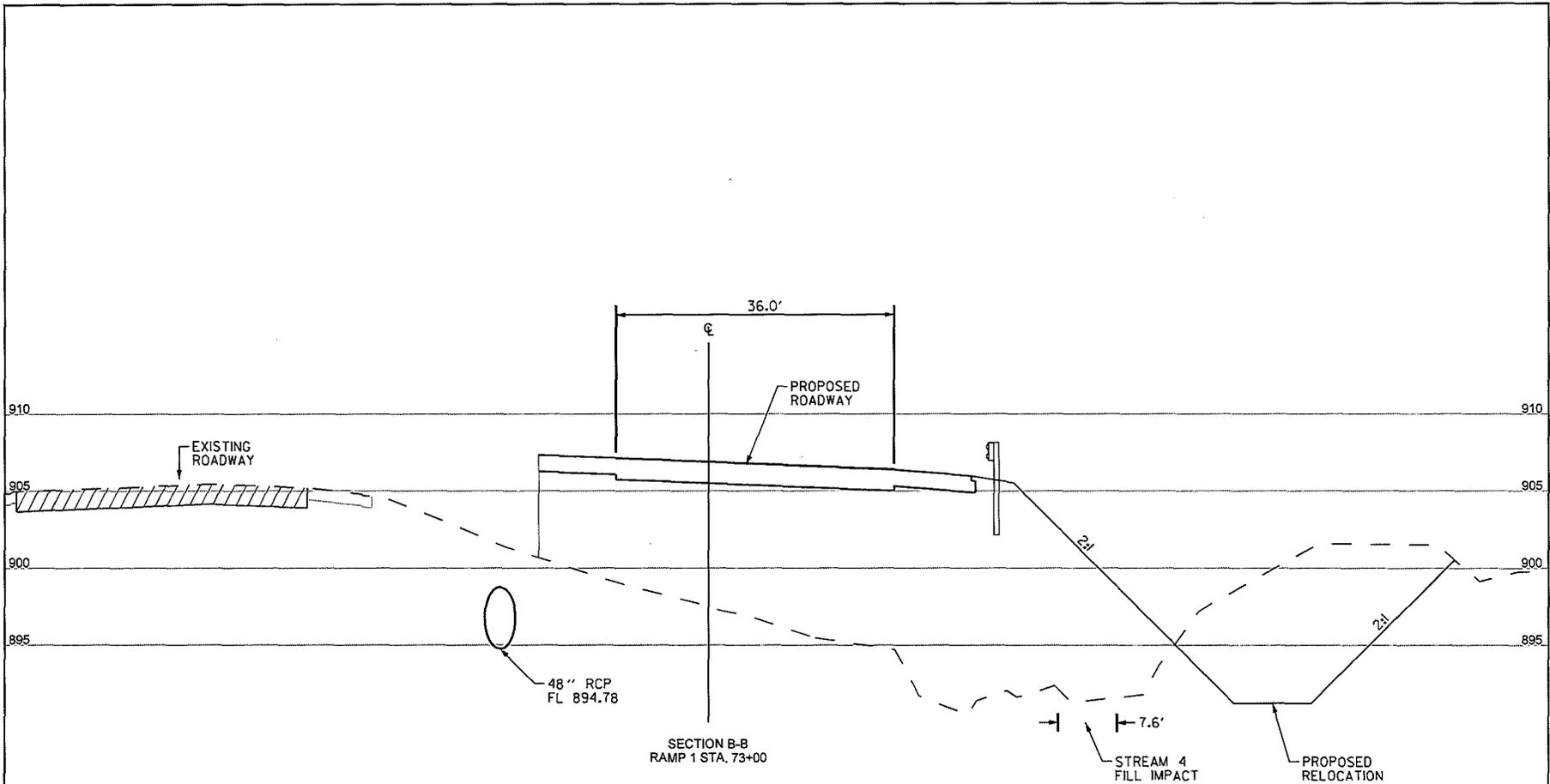
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
STANTEC PROJECT NUMBER: 171001537			
SCDOT PROJECT ID: 0038III			
USACE SAC: 2012-00588-DS			

APPLICATION BY:   
 SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 GREENVILLE & SPARTANBURG COUNTIES  
 PROJECT ID 0038III  
 I-85/I-385 INTERCHANGE  
 WETLAND PERMIT DRAWINGS

SCALE: 1" = 20' H; 1" = 10' V

SHEET 29 OF 36





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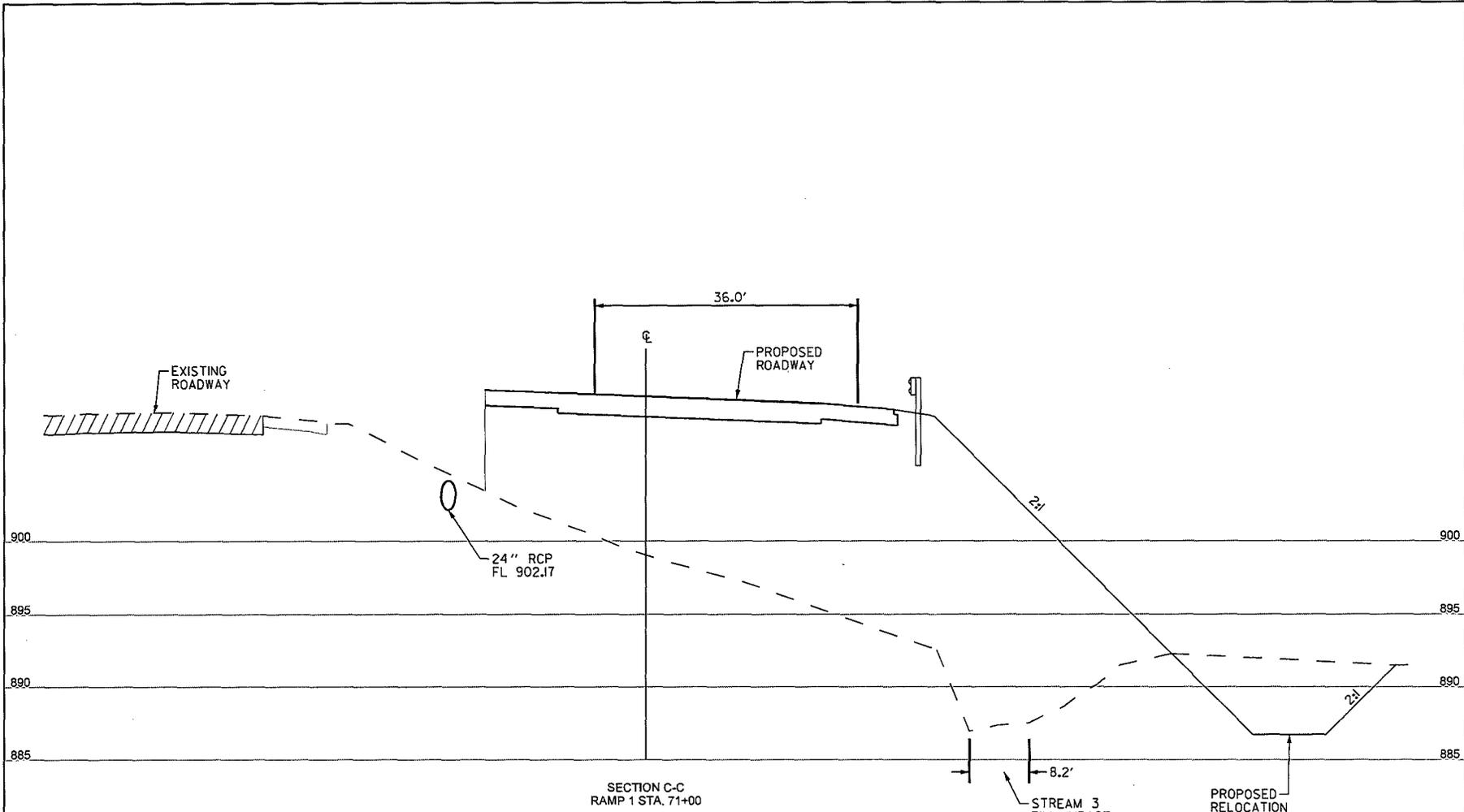
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STANTEC PROJECT NUMBER: 171001537			
SCDOT PROJECT ID: 0038III			
USACE SAC: 2012-00588-05			



APPLICATION BY: **SCDOT**  
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PROJECT ID 0038III  
I-85/I-385 INTERCHANGE  
WETLAND PERMIT DRAWINGS

SCALE: 1" = 20' H; 1" = 10' V

SHEET 30 OF 36

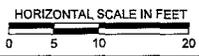


SECTION C-C  
RAMP 1 STA. 71+00

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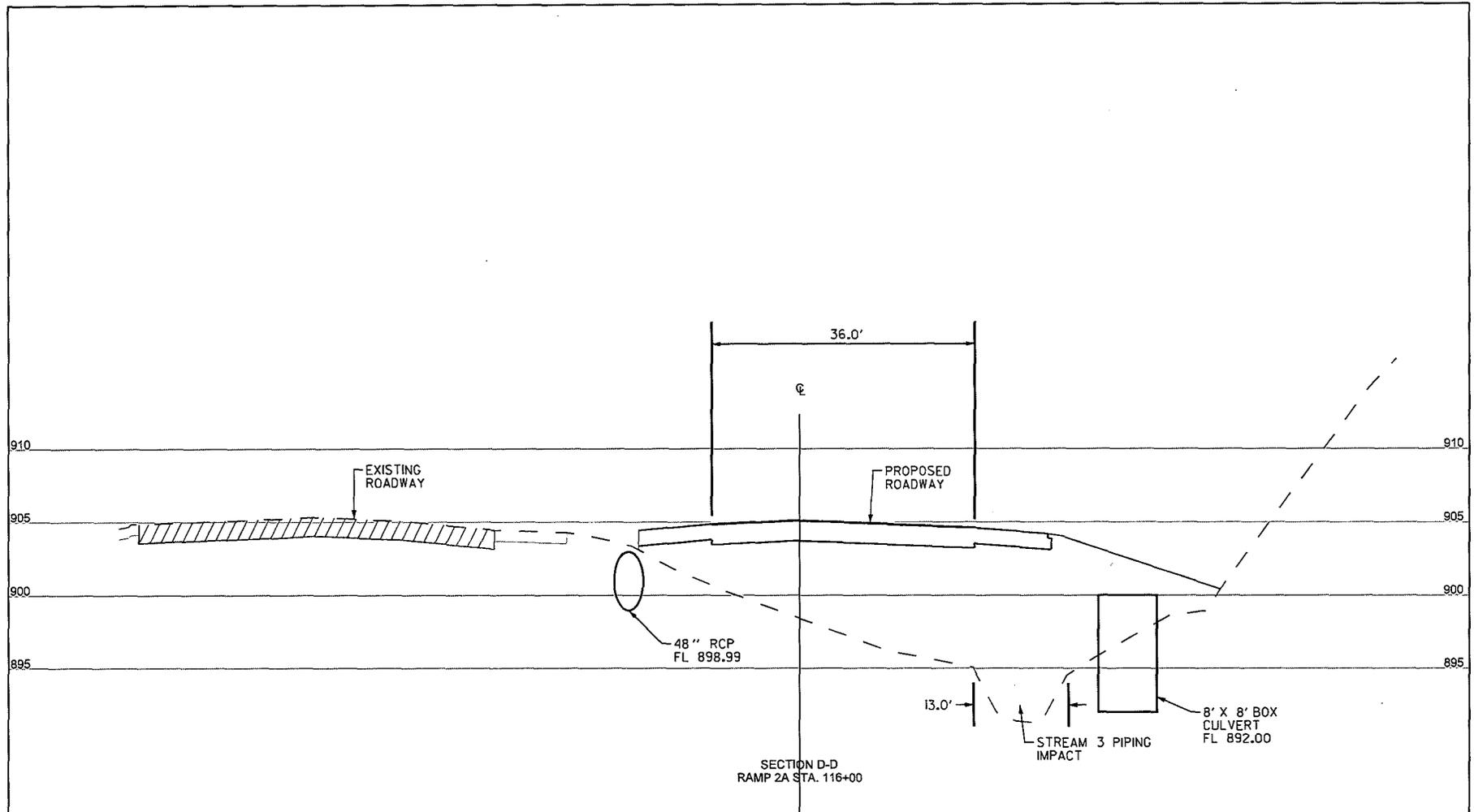
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 SCDOT PROJECT ID: 0038III  
 USACE SAC: 2012-00588-DS



APPLICATION BY: **SCDOT**  
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 GREENVILLE & SPARTANBURG COUNTIES  
 PROJECT ID 0038III  
 I-85/I-385 INTERCHANGE  
 WETLAND PERMIT DRAWINGS

SCALE: 1" = 20' H; 1" = 10' V SHEET 31 OF 36



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
STANTEC PROJECT NUMBER: 171001537			
SCDOT PROJECT ID: 0038III			
USACE SAC: 2012-00588-DS			

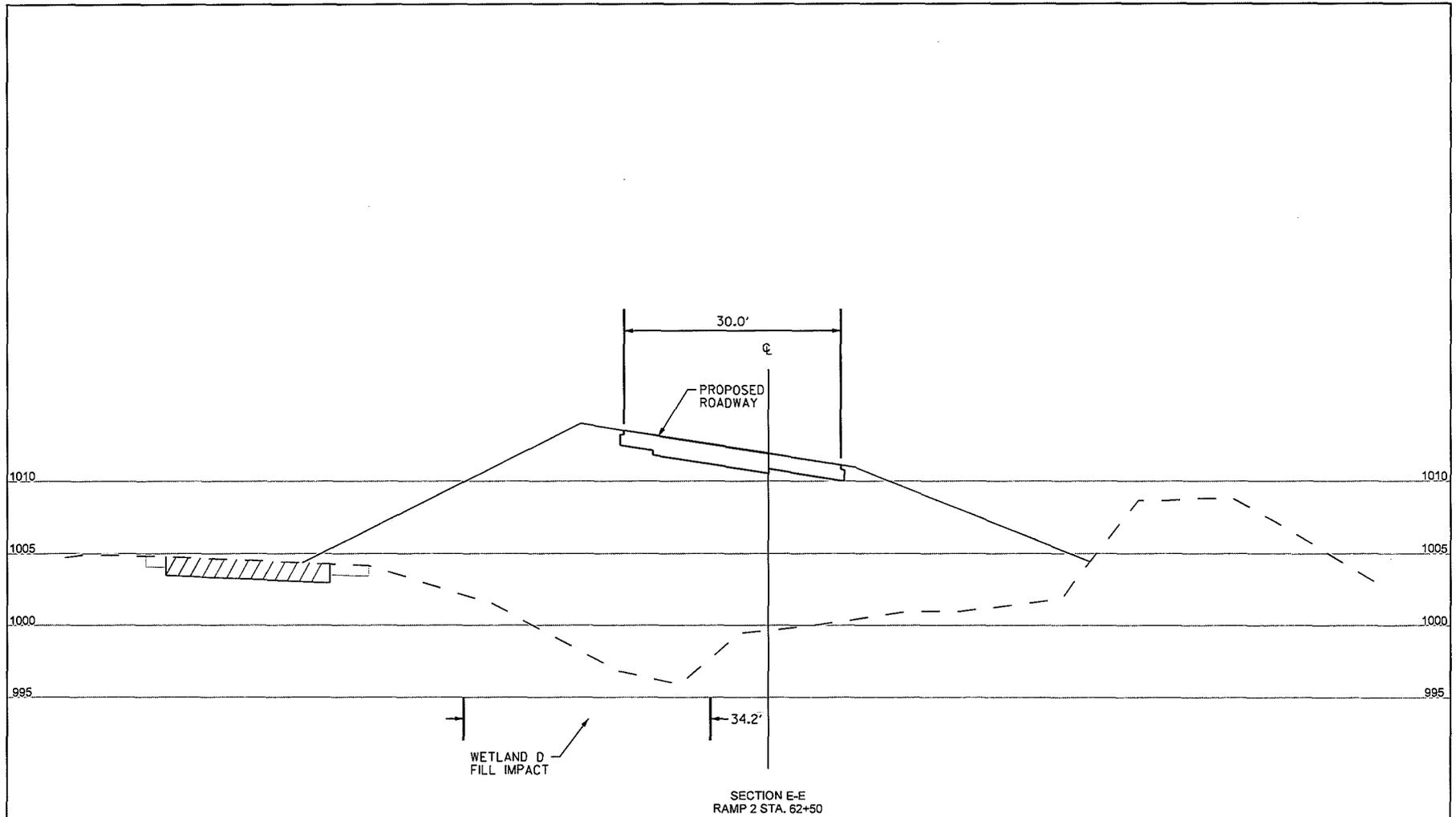
HORIZONTAL SCALE IN FEET  
 0 5 10 20

APPLICATION BY: **SCDOT**

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 GREENVILLE & SPARTANBURG COUNTIES  
 PROJECT ID 0038III  
 I-85/I-385 INTERCHANGE  
 WETLAND PERMIT DRAWINGS

SCALE: 1" = 20' H; 1" = 10' V

SHEET 32 OF 36



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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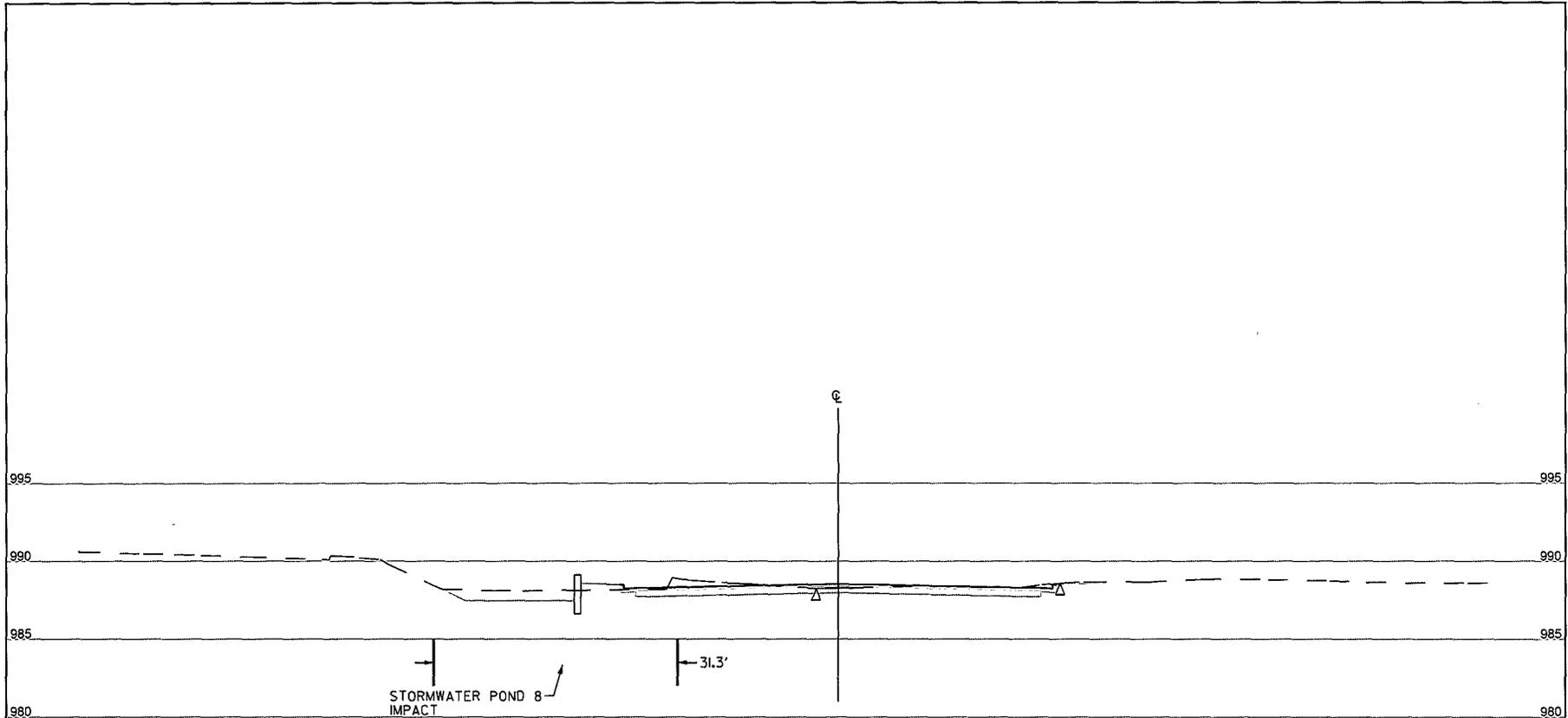
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 SCDOT PROJECT ID: 0038111  
 USACE SAC: 2012-00588-DS

HORIZONTAL SCALE IN FEET  
 0 5 10 20

APPLICATION BY: **SCDOT**  
 SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 GREENVILLE & SPARTANBURG COUNTIES  
 PROJECT ID 0038111  
 I-85/I-385 INTERCHANGE  
 WETLAND PERMIT DRAWINGS

SCALE: 1" = 20' H; 1" = 10' V

SHEET 33 OF 36



SECTION F-F  
MILLER ROAD STA. 23+50

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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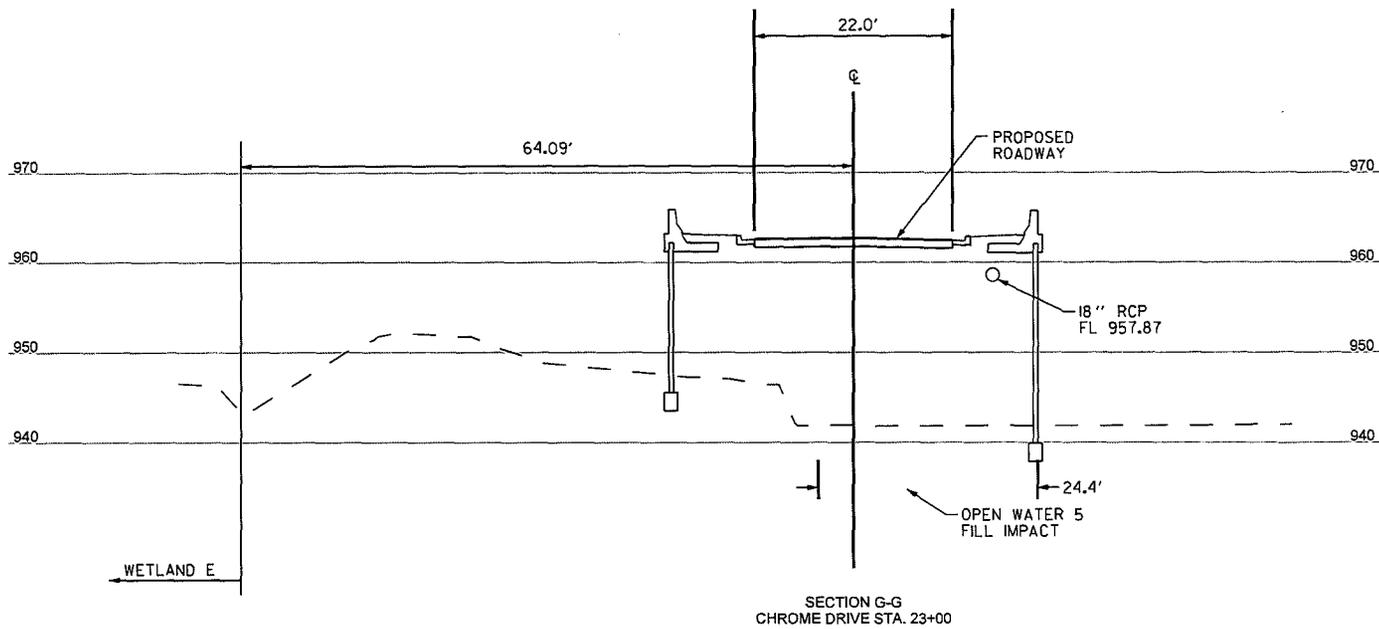
STANTEC PROJECT NUMBER: 171001537  
 SCDOT PROJECT ID: 0038III  
 USACE SAC: 2012-00588-DS

HORIZONTAL SCALE IN FEET  
 0 5 10 20

APPLICATION BY:   
 SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 GREENVILLE & SPARTANBURG COUNTIES  
 PROJECT ID 0038III  
 I-85/I-385 INTERCHANGE  
 WETLAND PERMIT DRAWINGS

SCALE: 1" = 20' H; 1" = 20' V

SHEET 34 OF 36



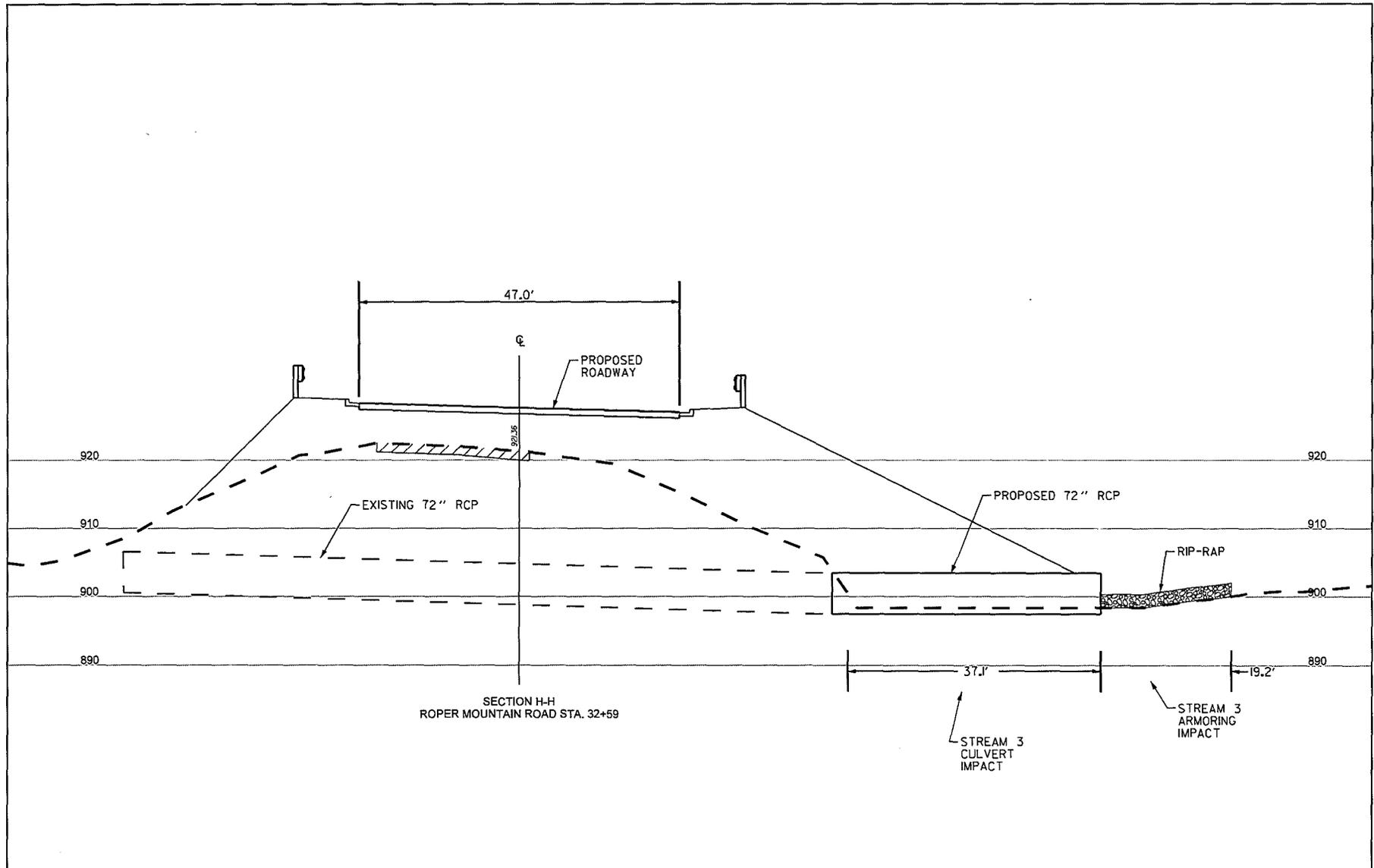
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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STANTEC PROJECT NUMBER: 171001537			
SCDOT PROJECT ID: 0038III			
USACE SAC: 2012-00588-DS			

HORIZONTAL SCALE IN FEET  
 0 5 10 20

APPLICATION BY:   
 SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 GREENVILLE & SPARTANBURG COUNTIES  
 PROJECT ID 0038III  
 I-85/I-385 INTERCHANGE  
 WETLAND PERMIT DRAWINGS

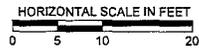
SCALE: 1" = 20' H; 1" = 20' V SHEET 35 OF 36



SECTION H-H  
ROPER MOUNTAIN ROAD STA. 32+59

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
STANTEC PROJECT NUMBER: 171001537			
SCDOT PROJECT ID: 0038III			
USACE SAC: 2012-00588-DS			



APPLICATION BY: **SCDOT**  
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 I-85/I-385 INTERCHANGE  
 WETLAND PERMIT DRAWINGS

SCALE: 1" = 20' H; 1" = 20' V

SHEET 36 OF 36