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 OCEAN AND COASTAL RESOURCE MANAGEMENT

1362 McMillan Avenue, Suite 400 Charleston, South Carolina 29405

REGULATORY DIVISION

NOVEMBER 20, 2012

Refer to: P/N # SAC 2011-00179-DIM

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 C/O MR. WILL MCGOLDRICK POST OFFICE BOX 191, 955 PARK STREET COLUMBIA, SOUTH CAROLINA 20202-0191

for a permit to place fill material in tidal critical area waters and freshwater wetlands in

SAND, RUSSELL AND STORE CREEKS

at three locations along SC Route 174 over Sand, Russell and Store Creeks in Charleston County, near Edisto Island, South Carolina (Sand: Latitude 32.612816, Longitude -80.344582, Russell: Latitude 32.59827, Longitude -80.34626, Store: Latitude 32.55875, Longitude -80.279694).

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 and SCDHEC** 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.

Proposed Project

The proposed work consists of the replacement of three existing structurally deficient bridges with wider, two-lane bridges along SC 174, which provides access to Edisto Island. The South Carolina Department of Transportation proposes to replace the bridges over Russell Creek and Store creek on new alignment, adjacent to the existing bridges, while the Sand Creek bridge will be replaced on existing alignment utilizing a temporary detour bridge. The typical roadway approach section for the proposed project would consist of two, 12-foot travel lanes, two-foot paved shoulders, and eight to 10-foot grass shoulders. The new typical bridge section for the

Refer to: P/N # SAC 2011-179-DIM

three bridges would consist of two, 12-foot travel lanes and two 10-foot paved shoulders, which would accommodate future bike lanes.

The proposed replacement bridge over Sand Creek would be a flat slab, reinforced, concrete structure measuring approximately 220 feet in length and 47 feet in width and will consist of five spans (35 feet, 50 feet, 50 feet, 50 feet, and 35 feet). Two of the bridge bents will be constructed in the creek channel. The temporary detour bridge will be approximately 240 feet in length and consists of four spans (60 foot each).

The proposed replacement bridge over Russell Creek would be a concrete beam and deck structure measuring approximately 510 feet in length and 47 feet in width and will consist of 10 spans (three will be 45 feet, six will be 55 feet, and one will be 45 feet in length) The new bridge would be constructed on new alignment approximately 30 feet west of the existing bridge.

The proposed replacement bridge over Store Creek would be a reinforced concrete flat slab structure measuring approximately 180 feet in length and 47 feet in width and will consist of six spans (each 30 feet in length). The new bridge would be constructed on a new alignment approximately 42 feet west of the existing bridge alignment.

In detail, the proposed project would require impacts to a total of 4.242 acres of jurisdictional waters of the U.S. for the construction of the new roadway approaches.

Specifically, permanent impacts include:

- 2.16 acres of tidal marsh cut/fill impact
- 0.360 acre of tidal marsh clearing impact
- 0.047 acre of tidal creek cut/fill impact
- 0.160 acre tidal marsh riprap impact
- 0.034 tidal creek riprap impact
- 0.042 acre forested freshwater cut/fill impact
- 0.003 acre forested freshwater wetland riprap impact

Temporary impacts include:

- 1.141 acres tidal marsh cut/fill impact
- 0.284 acre tidal marsh clearing impact
- 0.035 acre tidal marsh riprap impact

For additional details about the project impacts, please see the attached drawings dated November 13, 2012.

Proposed Construction Methods

The applicant has stated that the bridge construction activities, including personnel and heavy equipment would be conducted from the existing and proposed fill embankments or via floating barges and/or timber mats. If floating barges are used, the applicant has stated a barge work platform would be established in shallow water on either end of the bridge. The piles for the project will be installed using vibratory hammer pile driving methods. The shafts will be installed using the wet-construction method and steel casings. Upon completion of the project, all barges, timber mats and temporary work platforms will be removed and all temporary fill will be removed and areas not permitted for fill will be returned to pre-construction grade.

Mitigation

For the impacts to tidal waters of the U.S., the applicant has proposed to debit 51.02 credits from the Huspa Creek Mitigation Bank. For impacts to freshwater wetlands, the applicant proposes to debit 1.35 acres from the SCDOT Black River Mitigation Bank.

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Project Purpose

The purpose of the proposed project, according to the applicant, is to replace three structurally deficient bridges with new wider two-lane bridges along SC 174.

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

The District Engineer has concluded that the discharges associated with this project, both direct and indirect, should be reviewed by the South Carolina Department of Health and Environmental Control in accordance with provisions of Section 401 of the Clean Water Act. As such, this notice constitutes a request, on behalf of the applicant, for certification that this project will comply with applicable effluent limitations and water quality standards. The work shown on this application must also be certified as consistent with applicable provisions of the Coastal Zone Management Program (15 CFR 930). The District Engineer will not process this application to a conclusion until such certifications are received. 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 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 or the navigable waters permit 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 4.197 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 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 with the exception of the West Indian Manatee. It has been determined that the proposed project may affect, but is not likely to adversely affect, the West Indian manatee. 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.

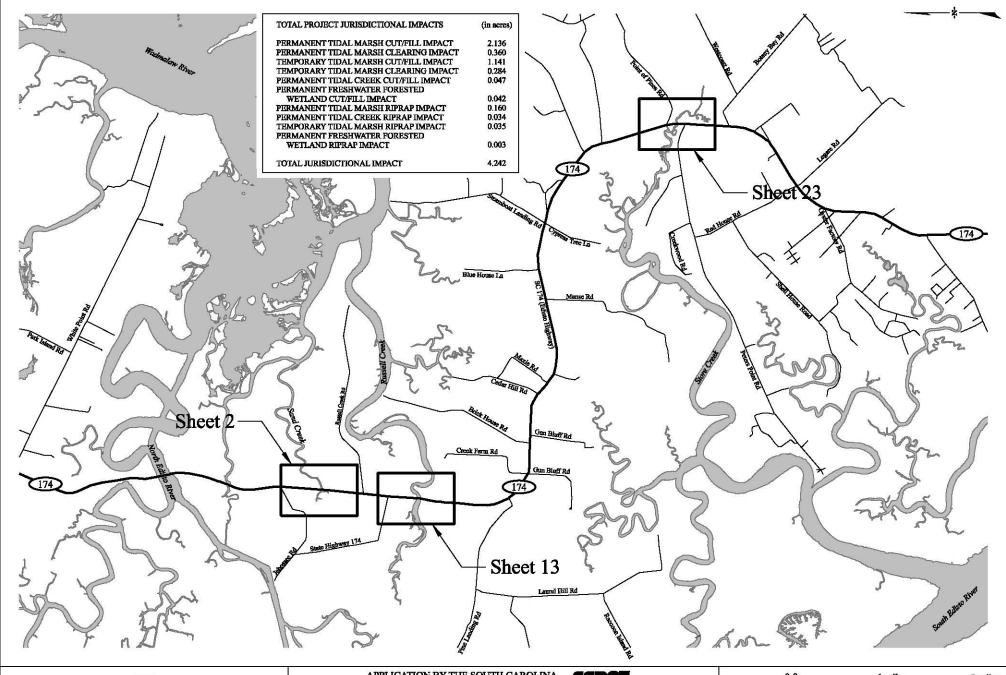
In accordance with the NHPA, the District Engineer has also consulted the latest published version of the National Register of Historic Places for the presence or absence of registered properties, or properties listed as being eligible for inclusion therein, and this worksite is not included as a registered 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. 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 Christopher Mims at 843-329-8044 or toll free at 1-866-329-8187.





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



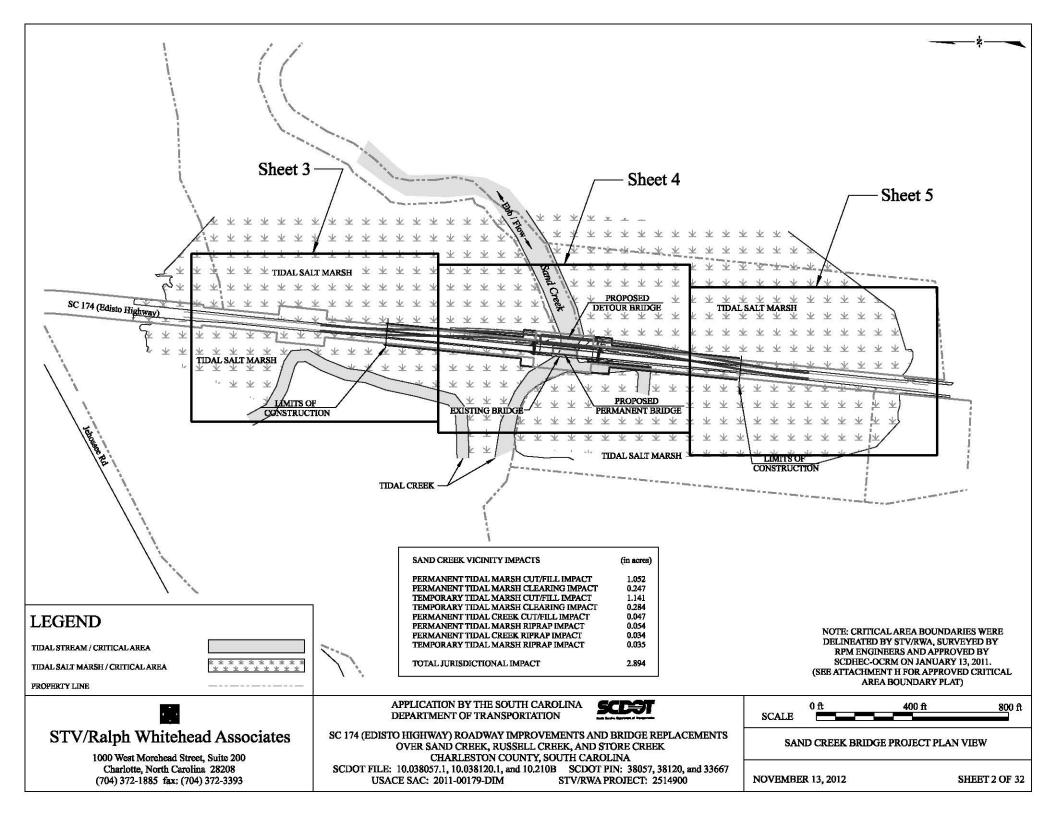
SC 174 (EDISTO HIGHWAY) ROADWAY IMPROVEMENTS AND BRIDGE REPLACEMENTS OVER SAND CREEK, RUSSELL CREEK, AND STORE CREEK CHARLESTON COUNTY, SOUTH CAROLINA

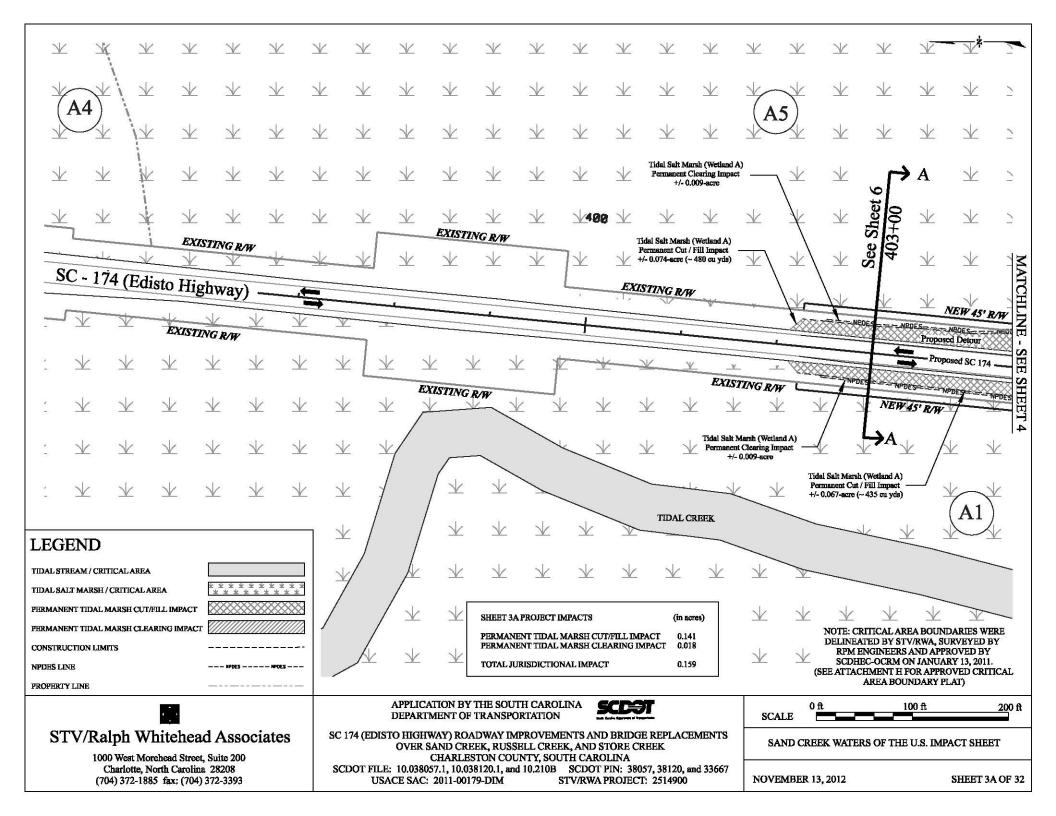
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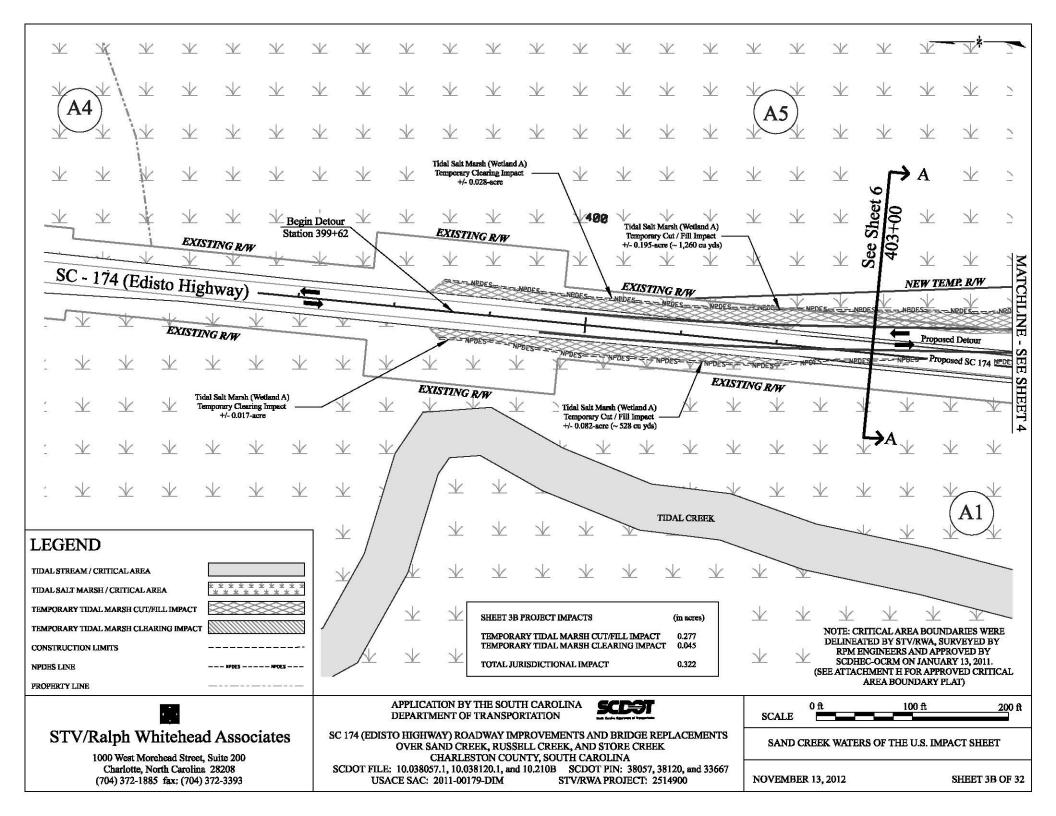
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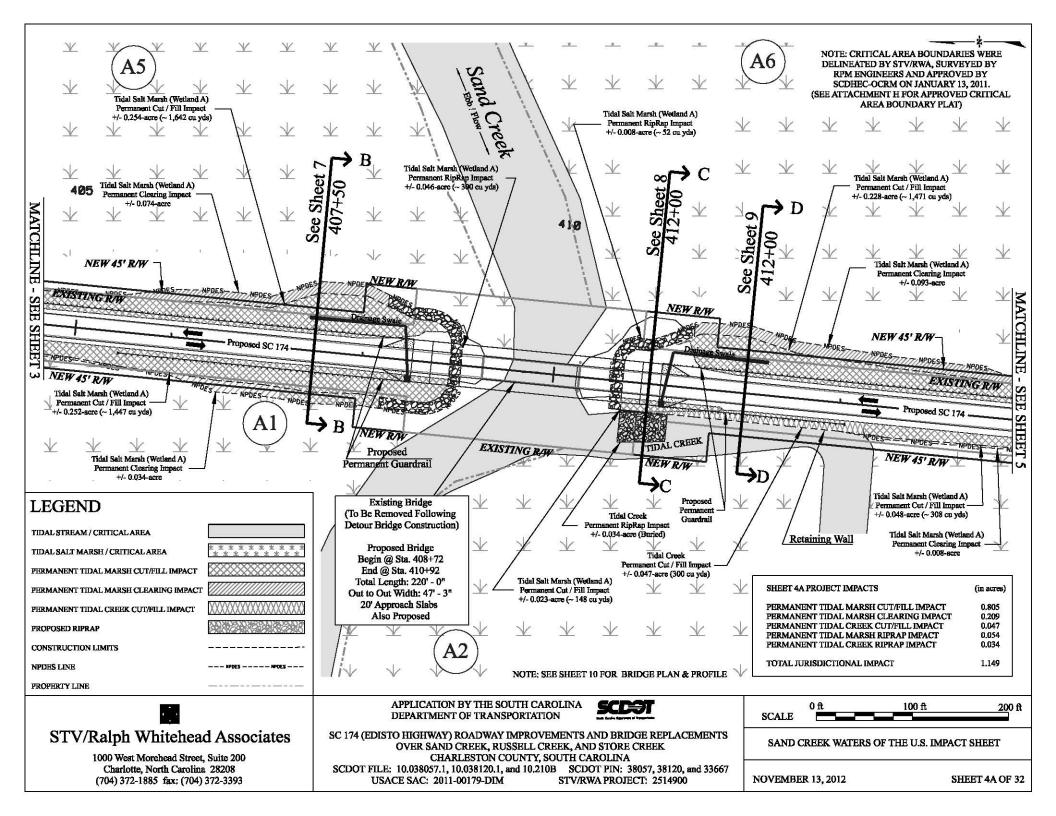
OVERALL PROJECT PLAN VIEW LOCATION SHEET

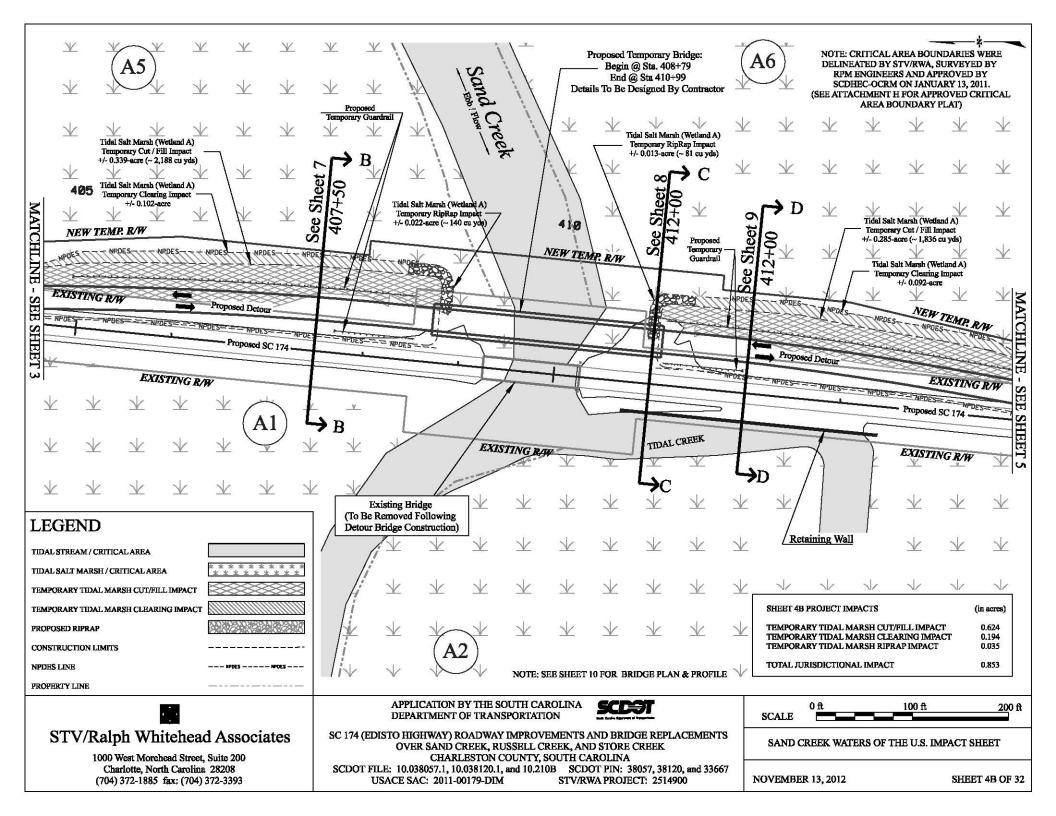
NOVEMBER 13, 2012 SHEET 1 OF 32

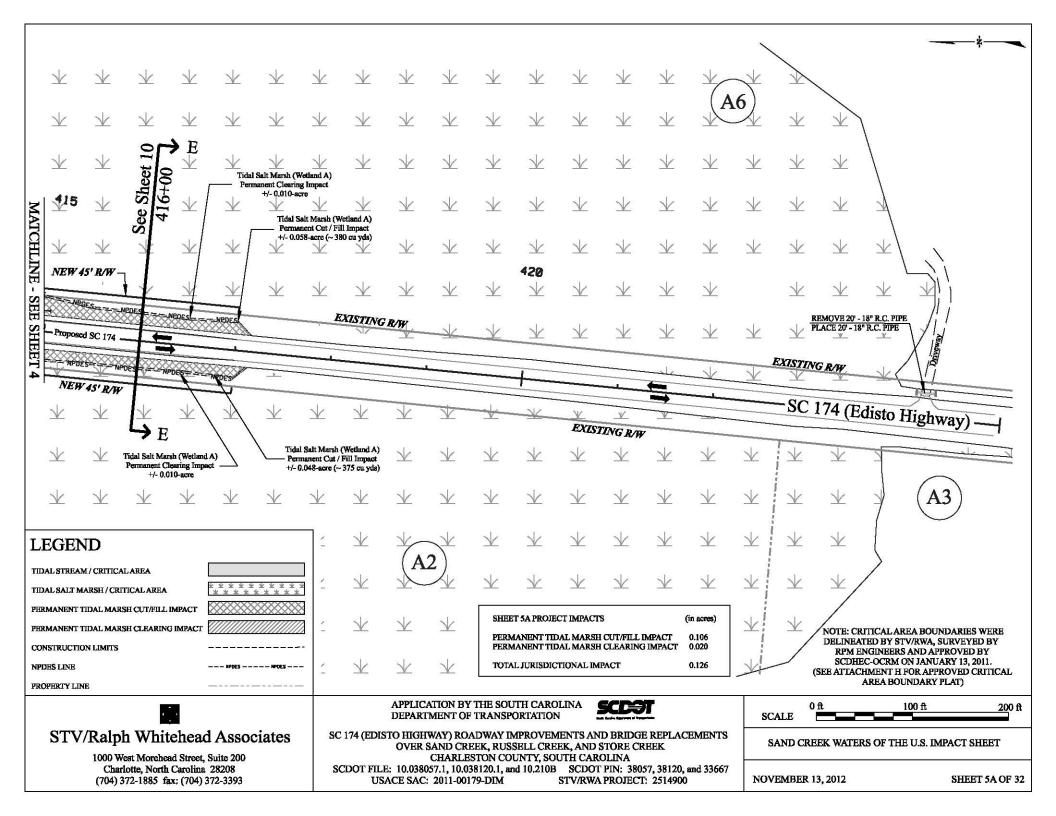


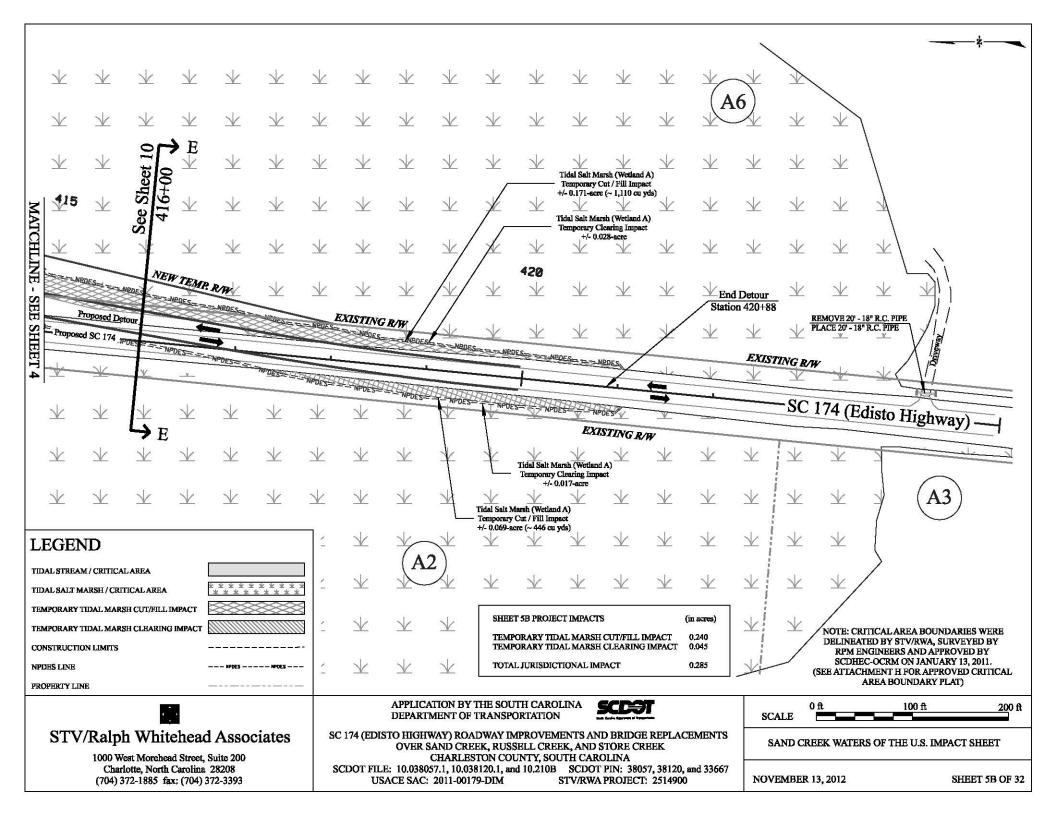




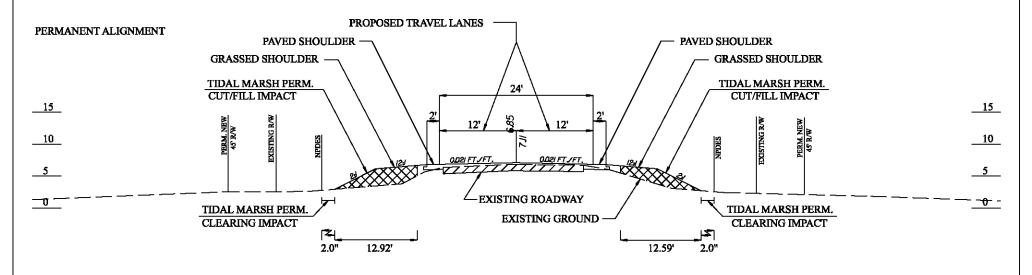




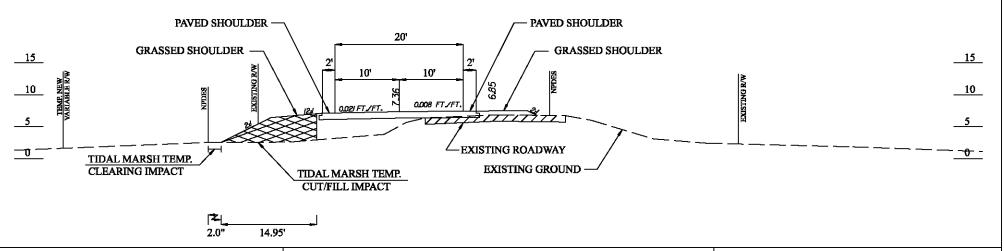




SAND CREEK SECTION A MAINLINE STA. 403+00.00



TEMPORARY DETOUR ALIGNMENT





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



SC 174 (EDISTO HIGHWAY) ROADWAY IMPROVEMENTS AND BRIDGE REPLACEMENTS OVER SAND CREEK, RUSSELL CREEK, AND STORE CREEK CHARLESTON COUNTY, SOUTH CAROLINA

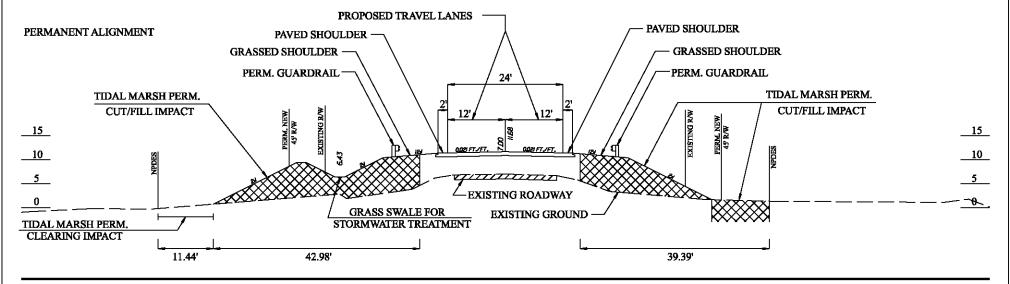
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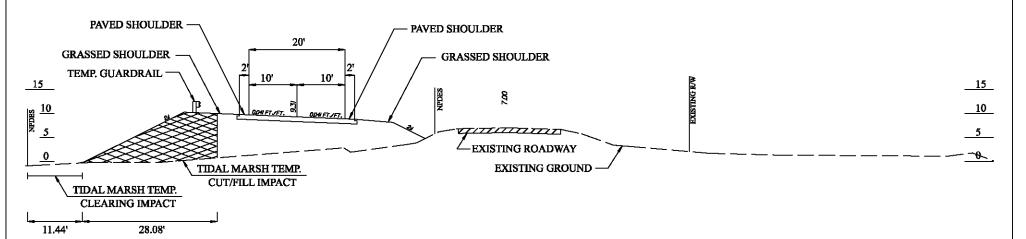
SAND CREEK CROSS SECTION

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SAND CREEK SECTION B MAINLINE STA. 407+50.00



TEMPORARY DETOUR ALIGNMENT





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SC 174 (EDISTO HIGHWAY) ROADWAY IMPROVEMENTS AND BRIDGE REPLACEMENTS
OVER SAND CREEK, RUSSELL CREEK, AND STORE CREEK
CHARLESTON COUNTY, SOUTH CAROLINA

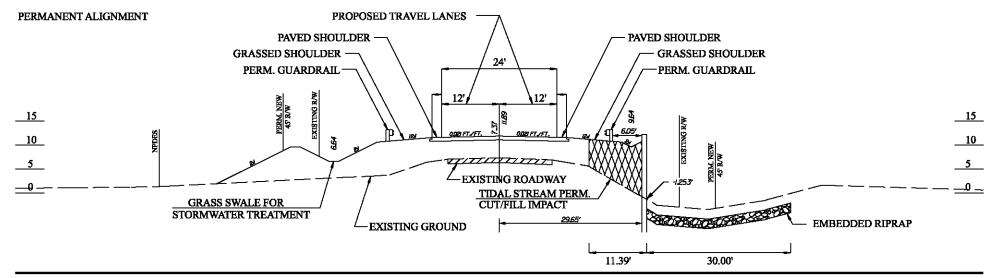
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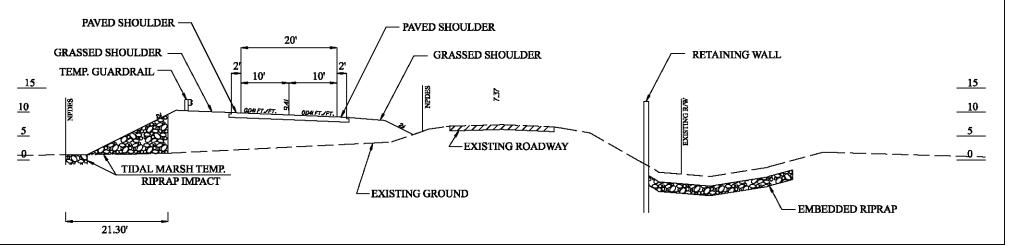
SAND CREEK CROSS SECTION

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SAND CREEK SECTION C MAINLINE STA. 412+00.00



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SC 174 (EDISTO HIGHWAY) ROADWAY IMPROVEMENTS AND BRIDGE REPLACEMENTS OVER SAND CREEK, RUSSELL CREEK, AND STORE CREEK CHARLESTON COUNTY, SOUTH CAROLINA

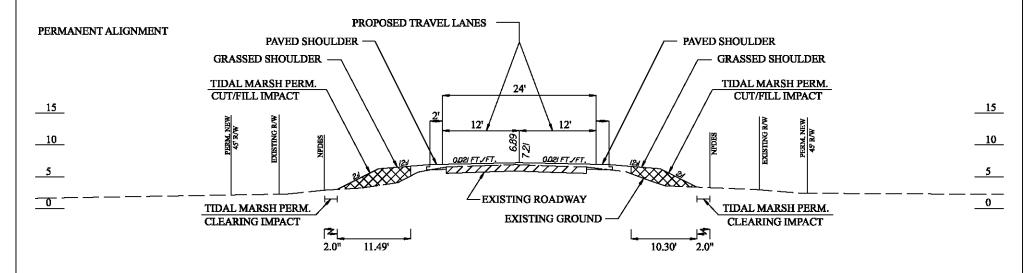
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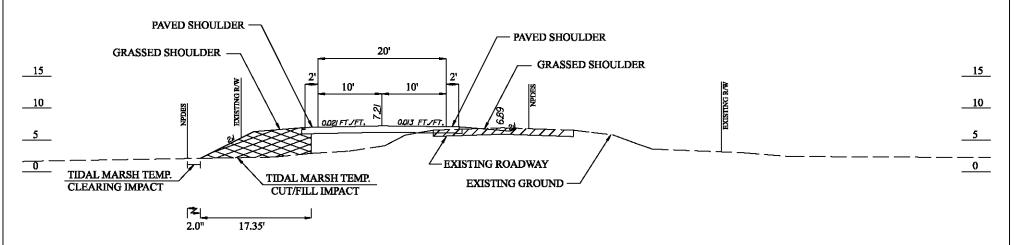
SAND CREEK CROSS SECTION

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SAND CREEK SECTION D MAINLINE STA. 416+00.00



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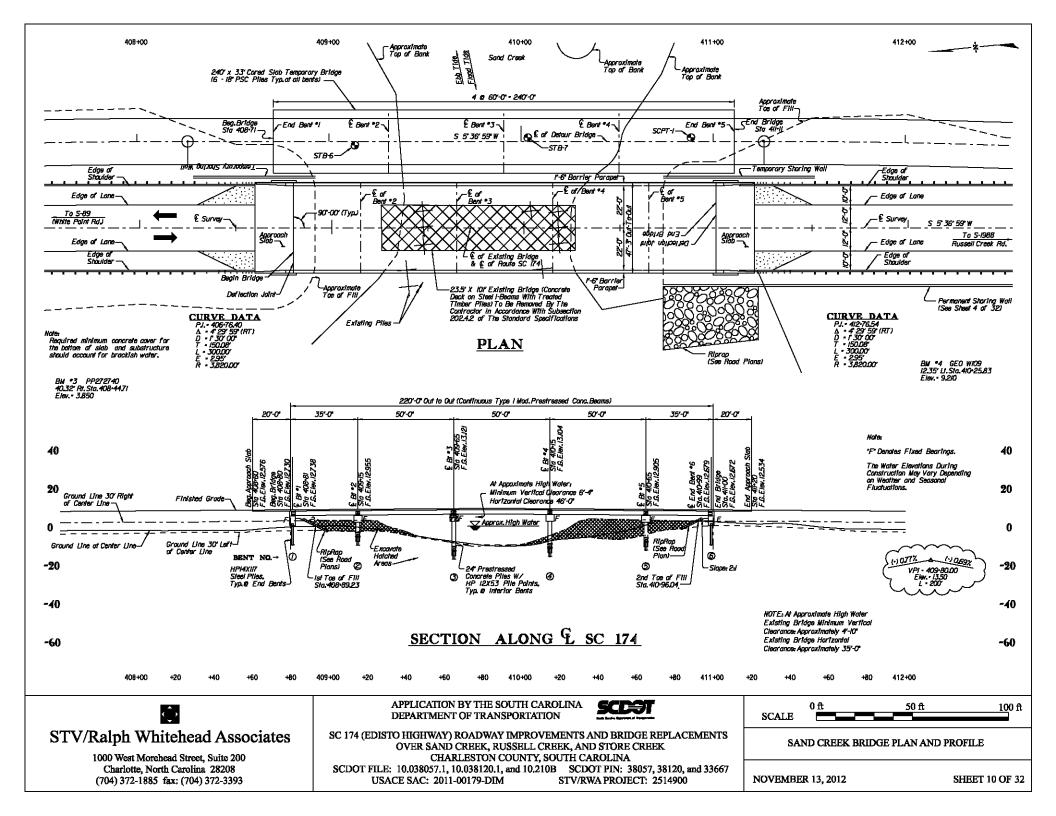
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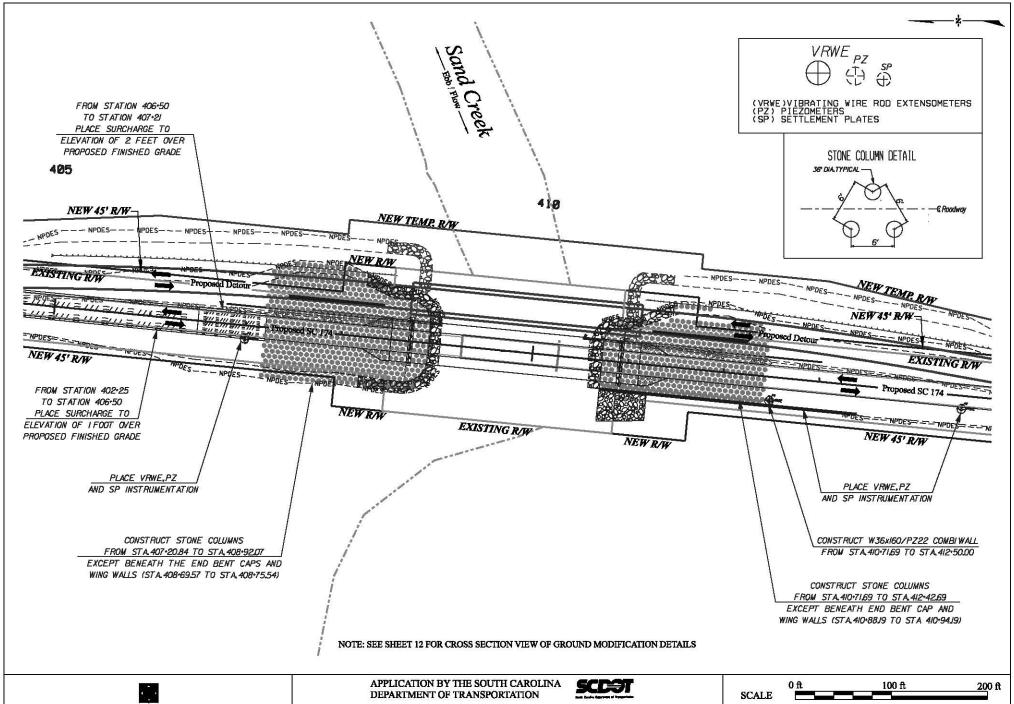
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SAND CREEK CROSS SECTION

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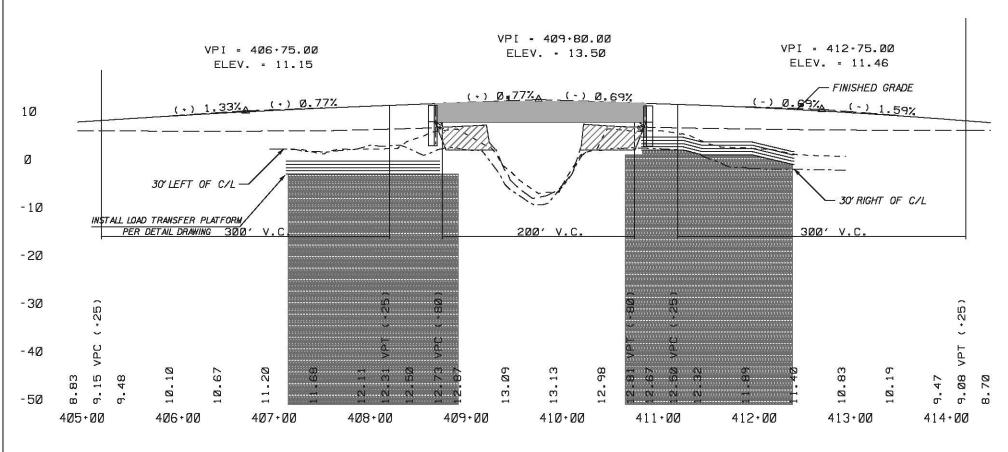
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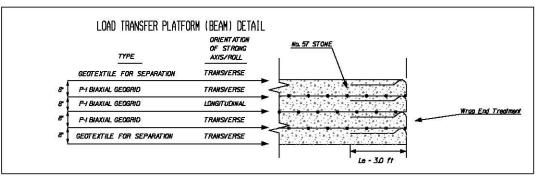
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SAND CREEK GROUND MODIFICATION DETAIL PLAN VIEW

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SC 174 (EDISTO HIGHWAY) ROADWAY IMPROVEMENTS AND BRIDGE REPLACEMENTS OVER SAND CREEK, RUSSELL CREEK, AND STORE CREEK CHARLESTON COUNTY, SOUTH CAROLINA

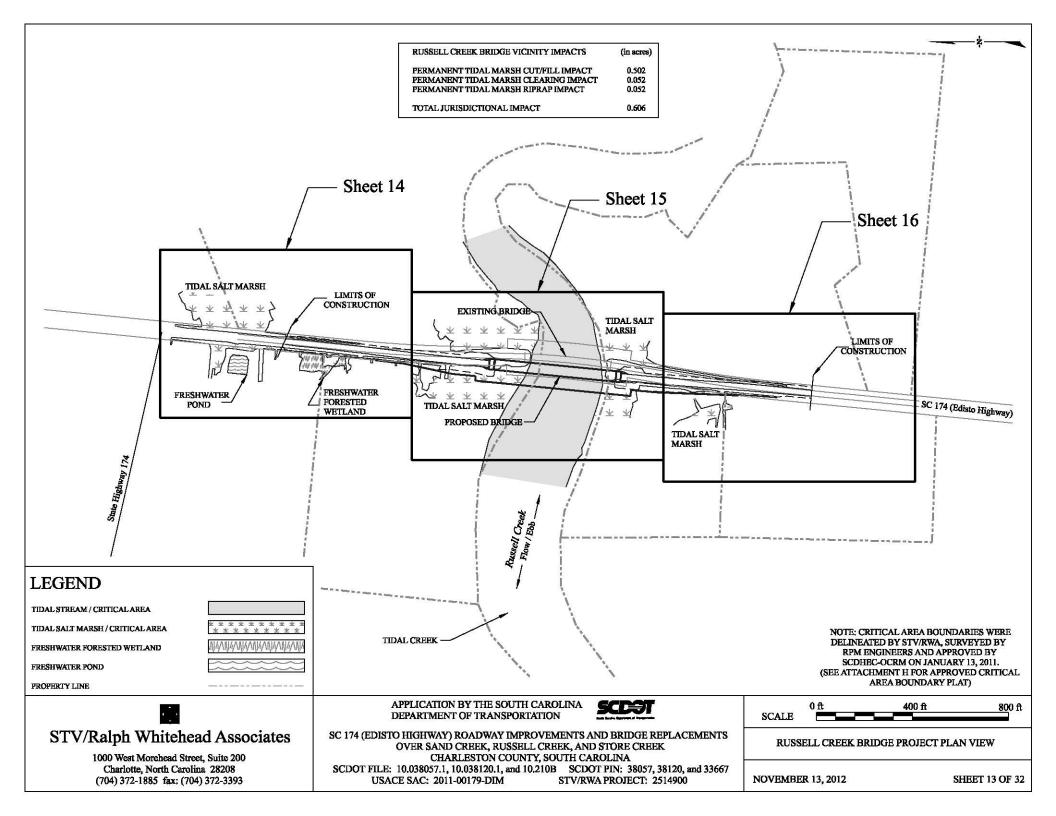
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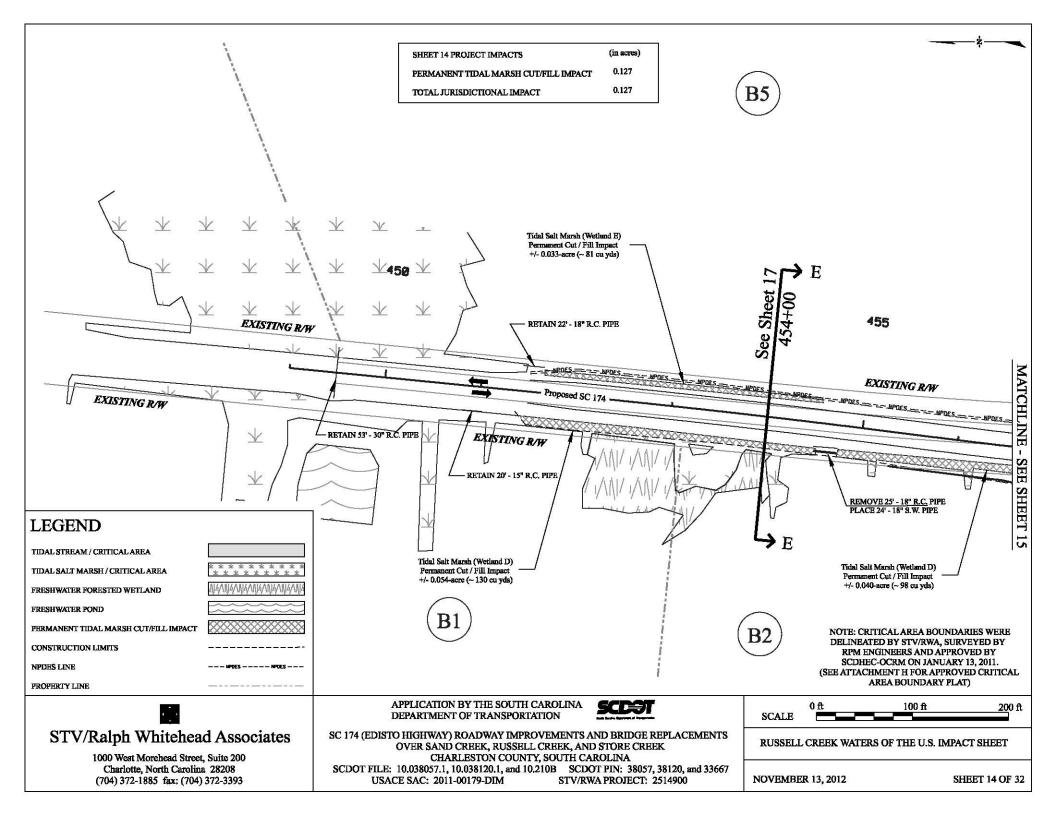
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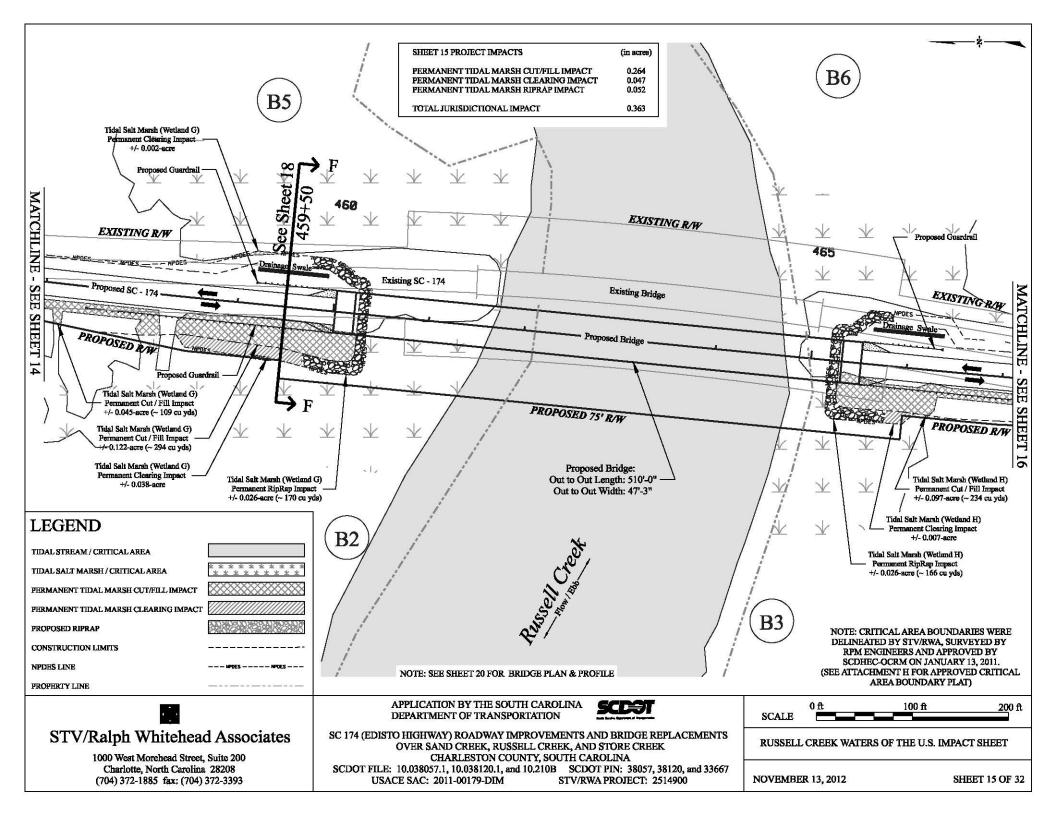
SAND CREEK GROUND MODIFICATION DETAIL PROFILE

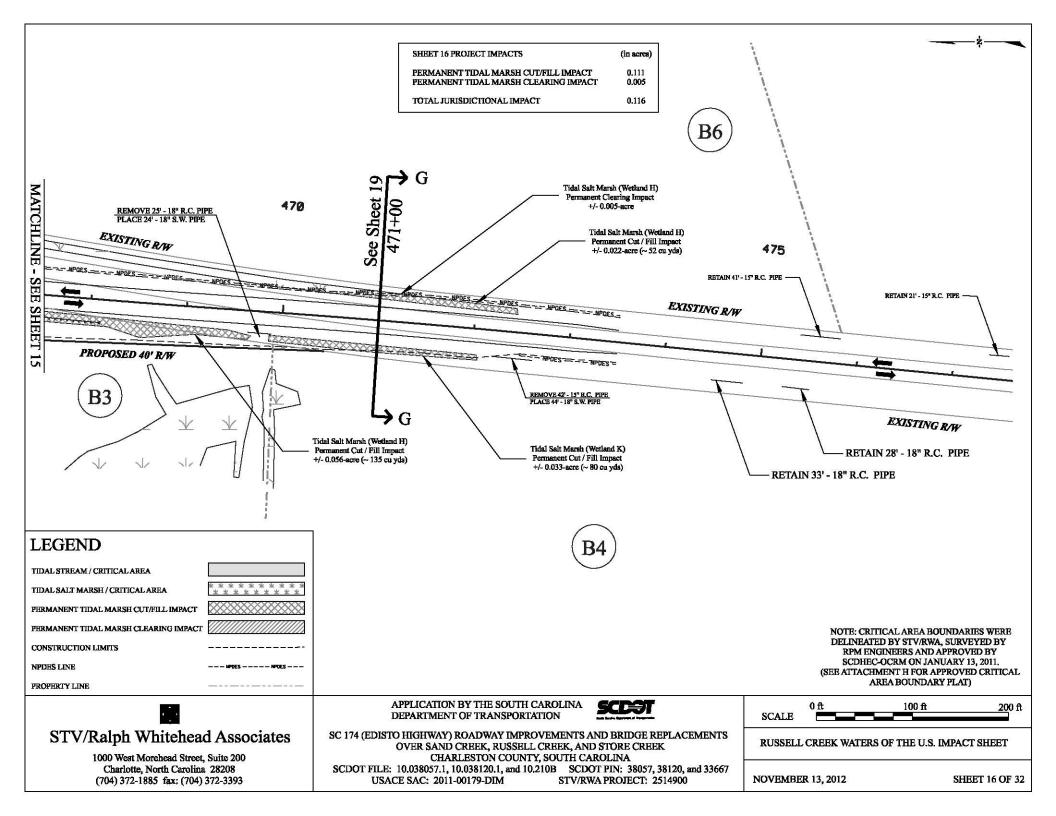
NOVEMBER 13, 2012

SHEET 12 OF 32

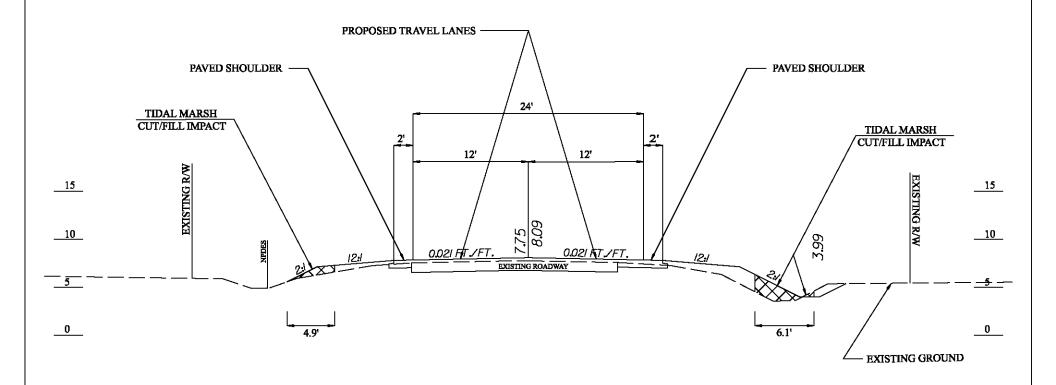








RUSSELL CREEK **SECTION E MAINLINE** STA. 454+00.00





STV/Ralph Whitehead Associates

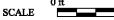
1000 West Morehead Street, Suite 200 Charlotte, North Carolina 28208 (704) 372-1885 fax; (704) 372-3393

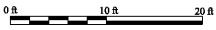
APPLICATION BY THE SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION



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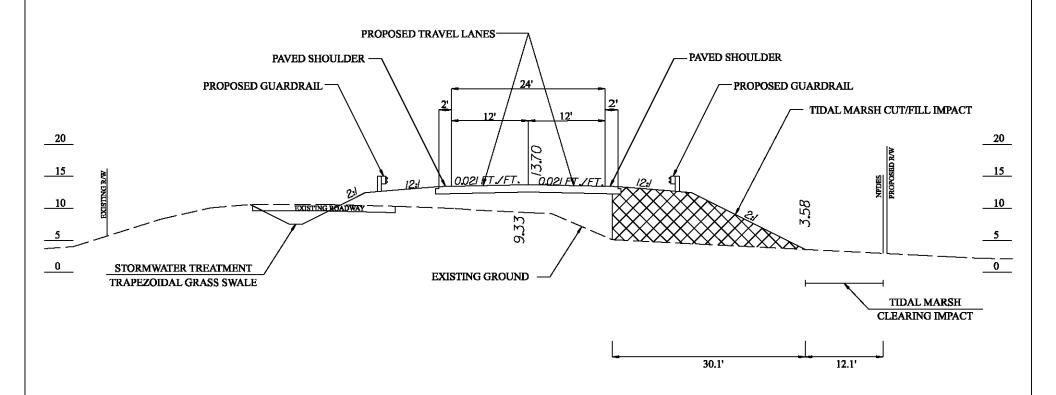


RUSSELL CREEK CROSS SECTION

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RUSSELL CREEK SECTION F MAINLINE STA. 459+50.00





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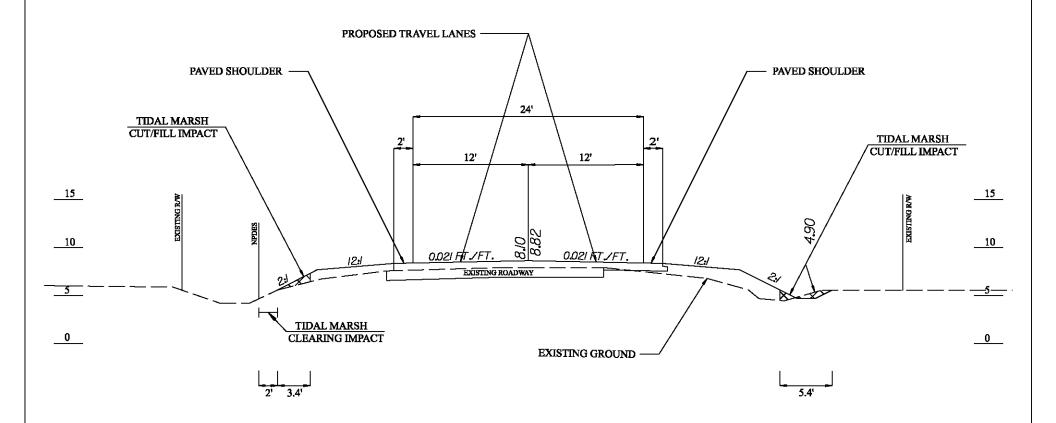


RUSSELL CREEK CROSS SECTION

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SHEET 18 OF 32

RUSSELL CREEK SECTION G MAINLINE STA. 471+00.00





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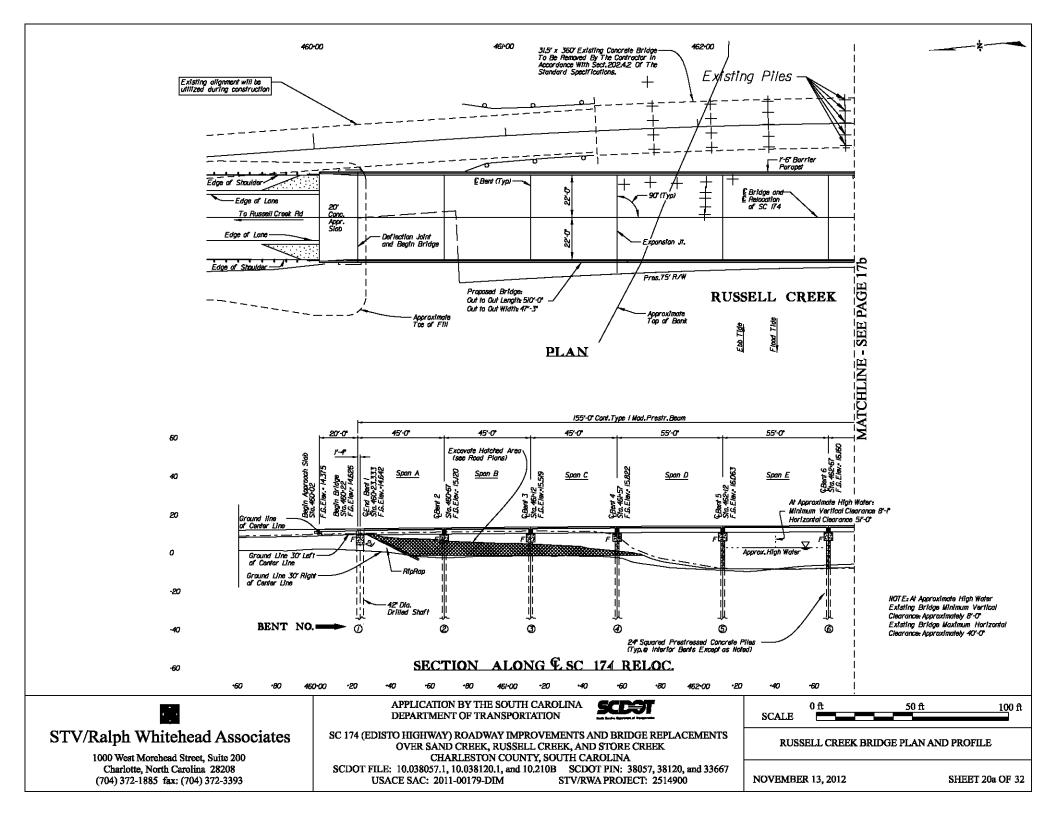
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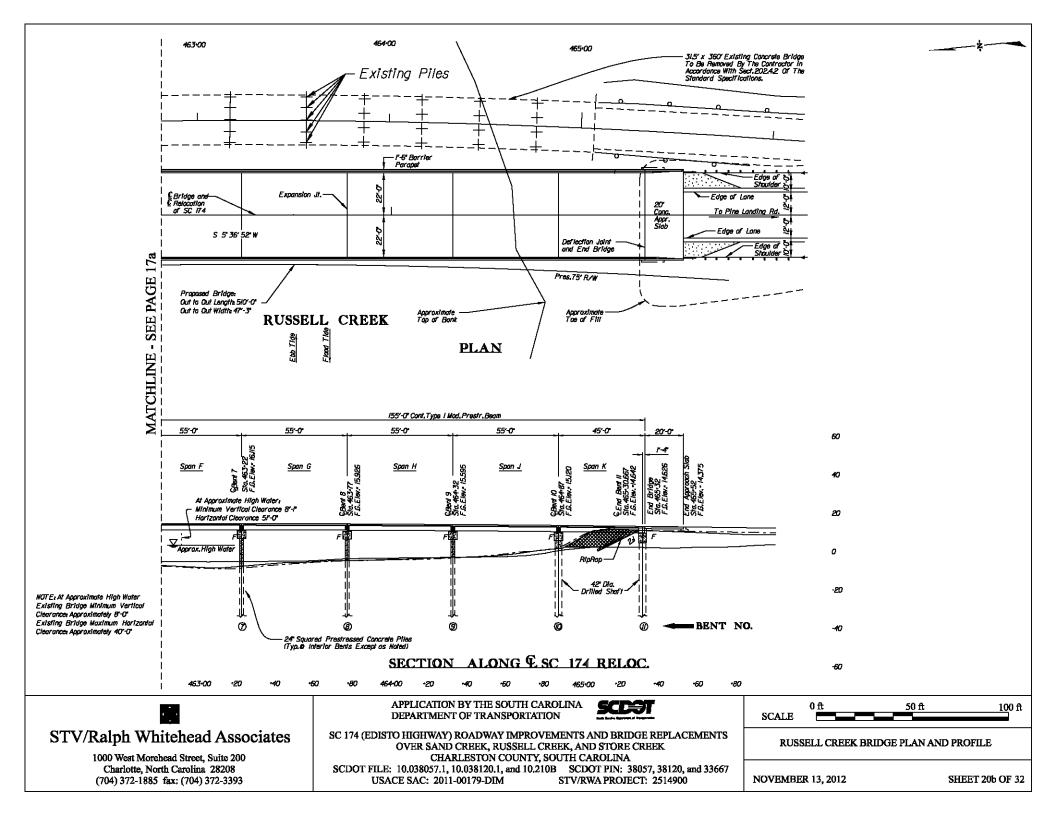
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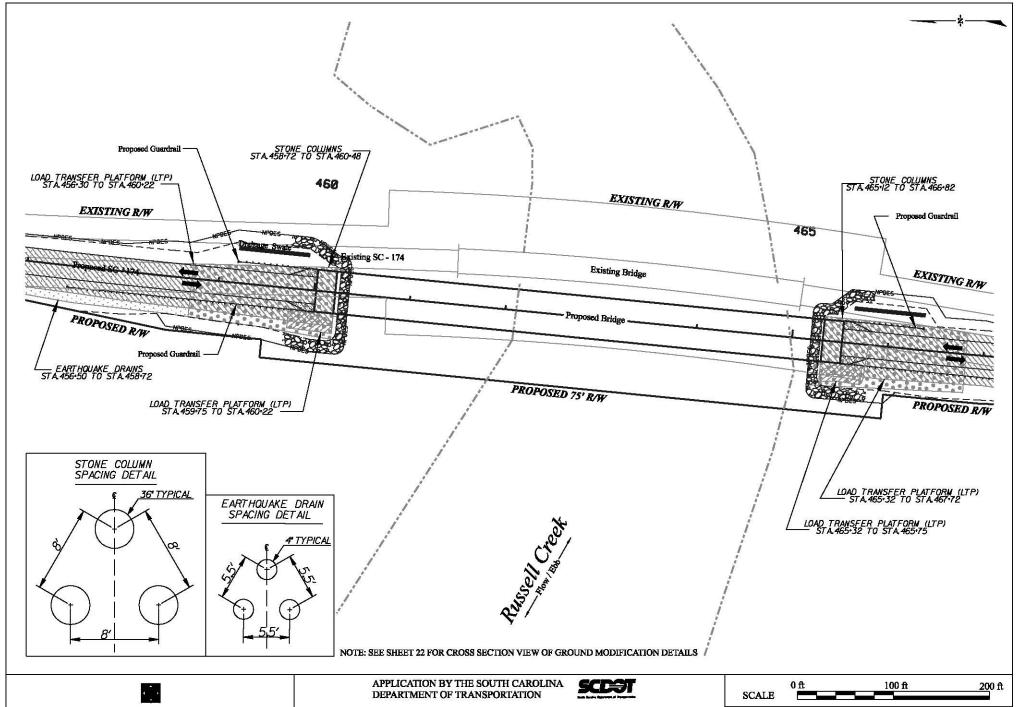


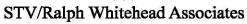
RUSSELL CREEK CROSS SECTION

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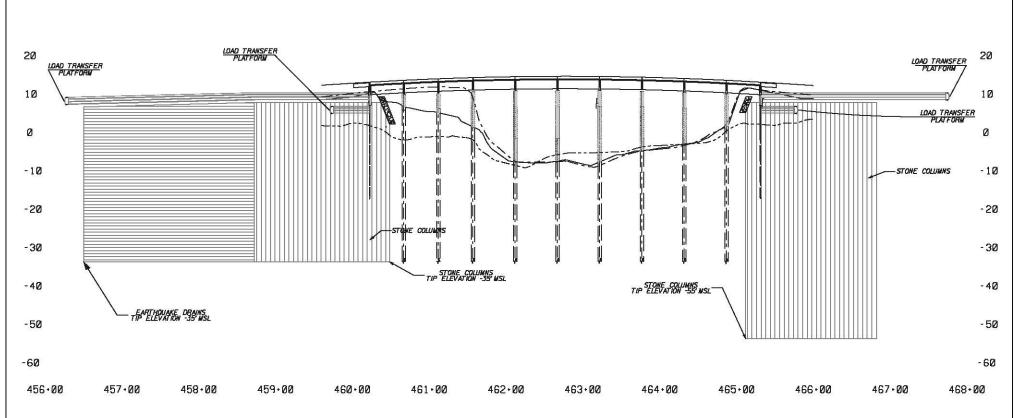


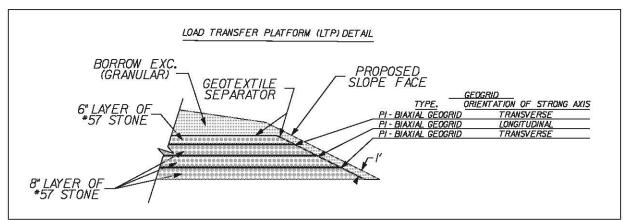
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RUSSELL CREEK GROUND MODIFICATION DETAIL PROFILE

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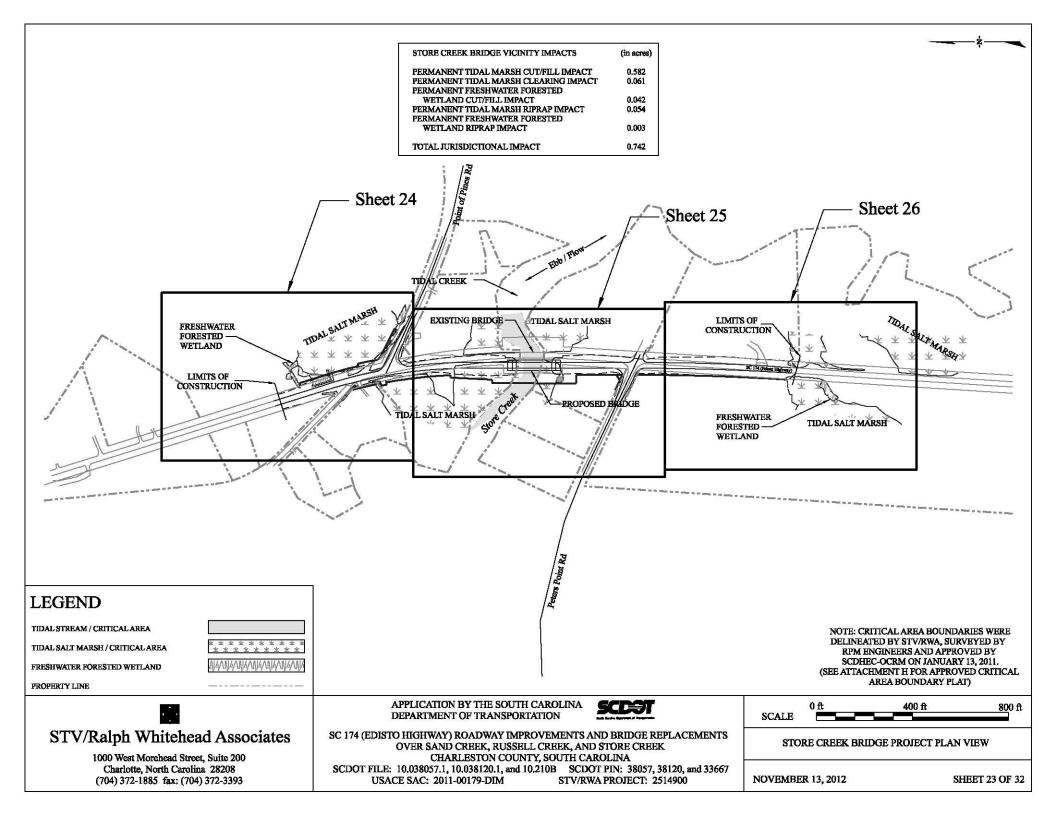
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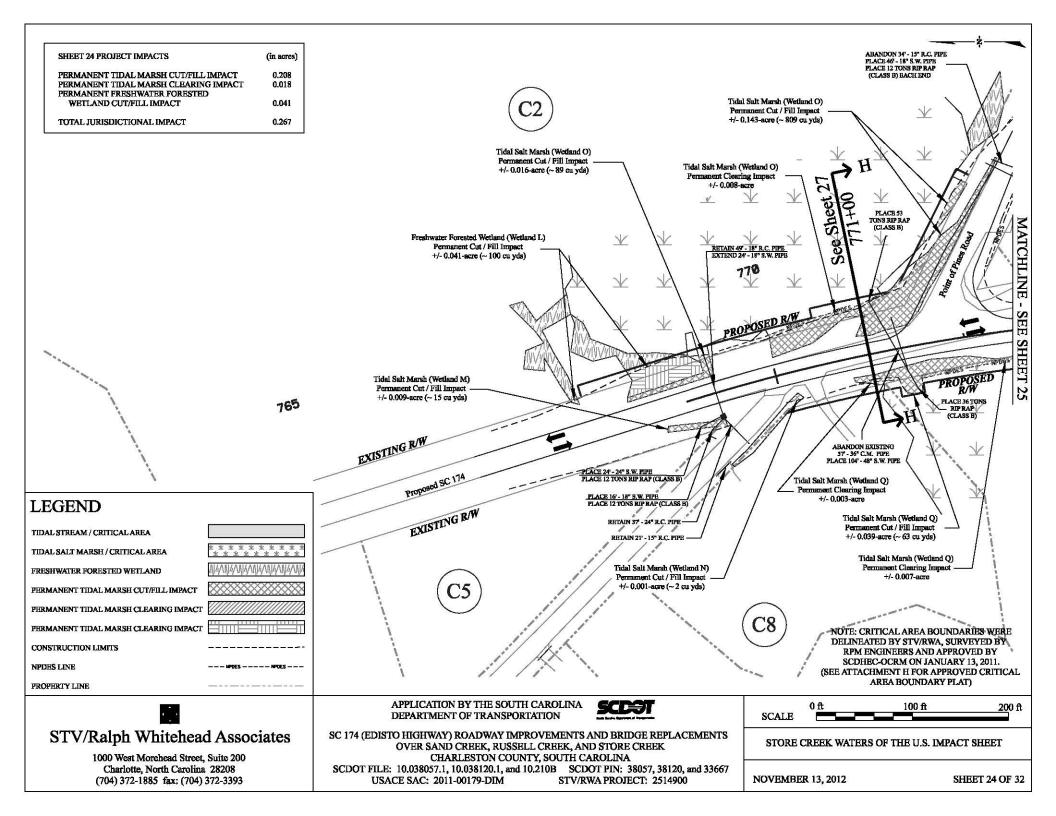
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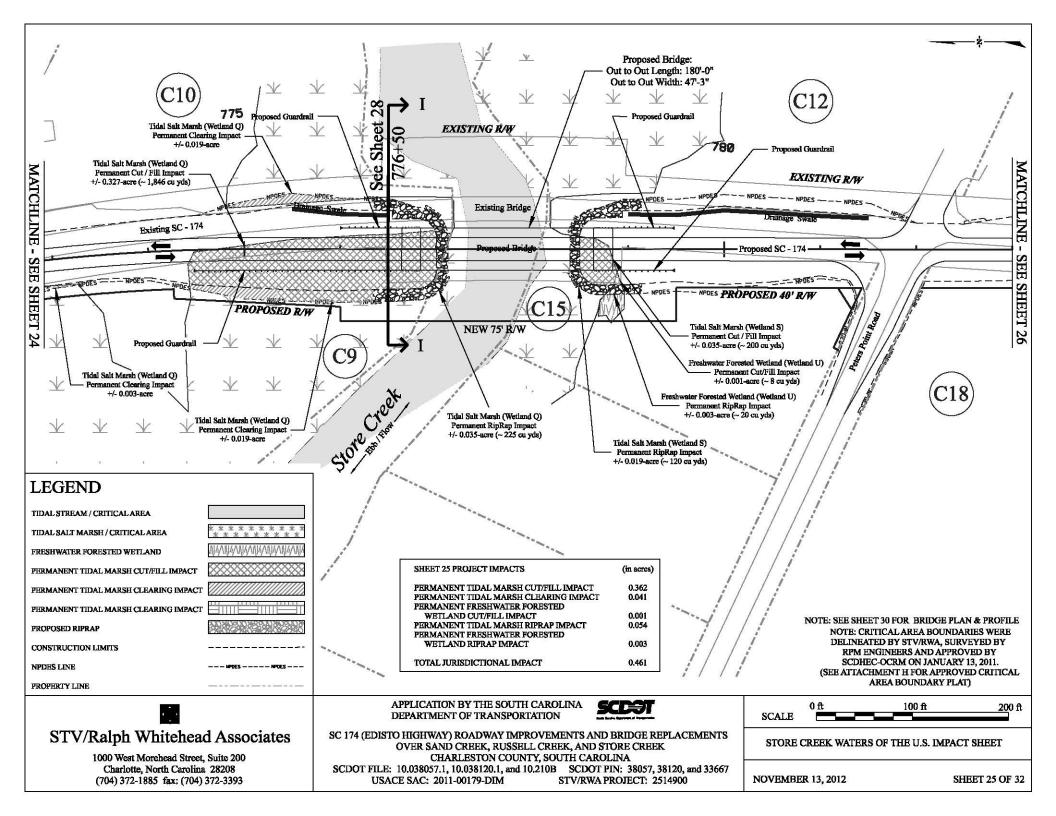
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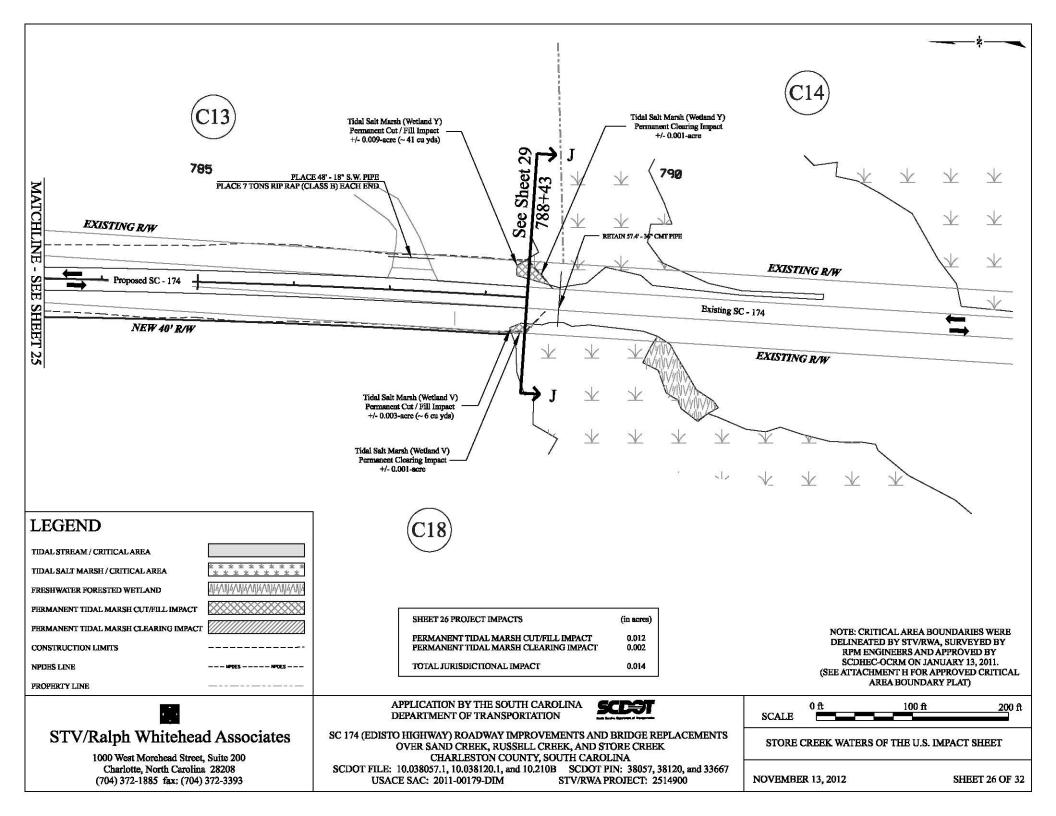
RUSSELL CREEK GROUND MODIFICATION DETAIL PROFILE

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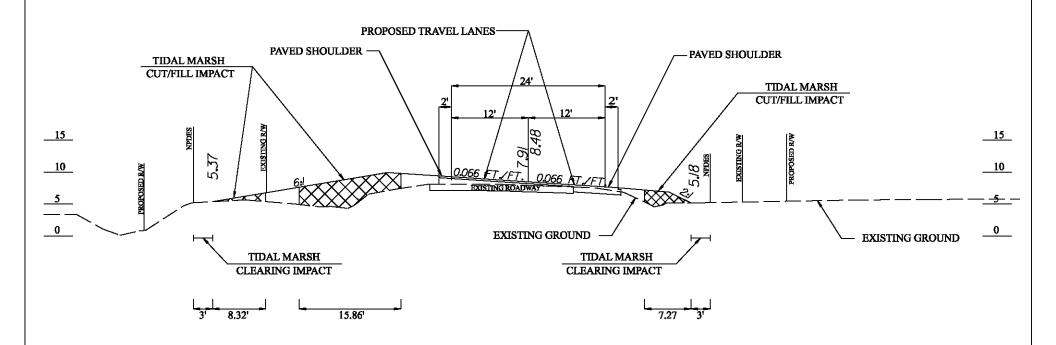








STORE CREEK SECTION H MAINLINE STA. 771+00.00





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



SC 174 (EDISTO HIGHWAY) ROADWAY IMPROVEMENTS AND BRIDGE REPLACEMENTS
OVER SAND CREEK, RUSSELL CREEK, AND STORE CREEK
CHARLESTON COUNTY, SOUTH CAROLINA

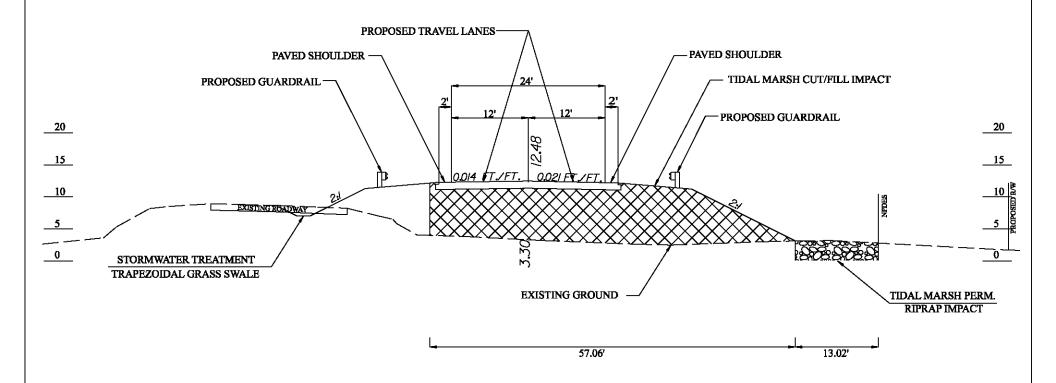
SCDOT FILE: 10.038057.1, 10.038120.1, and 10.210B SCDOT PIN: 38057, 38120, and 33667 USACE SAC: 2011-00179-DIM STV/RWA PROJECT: 2514900



STORE CREEK CROSS SECTION

NOVEMBER 13, 2012 SHEET 27 OF 32

STORE CREEK SECTION I MAINLINE STA. 776+50.00





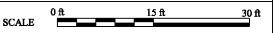
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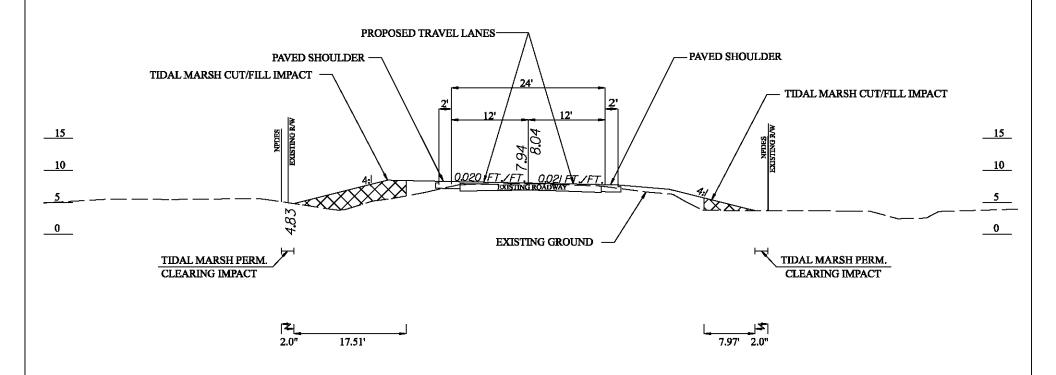


STORE CREEK CROSS SECTION

NOVEMBER 13, 2012

SHEET 28 OF 32

STORE CREEK SECTION J MAINLINE STA. 788+43.00





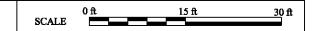
STV/Ralph Whitehead Associates

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



SC 174 (EDISTO HIGHWAY) ROADWAY IMPROVEMENTS AND BRIDGE REPLACEMENTS
OVER SAND CREEK, RUSSELL CREEK, AND STORE CREEK
CHARLESTON COUNTY, SOUTH CAROLINA

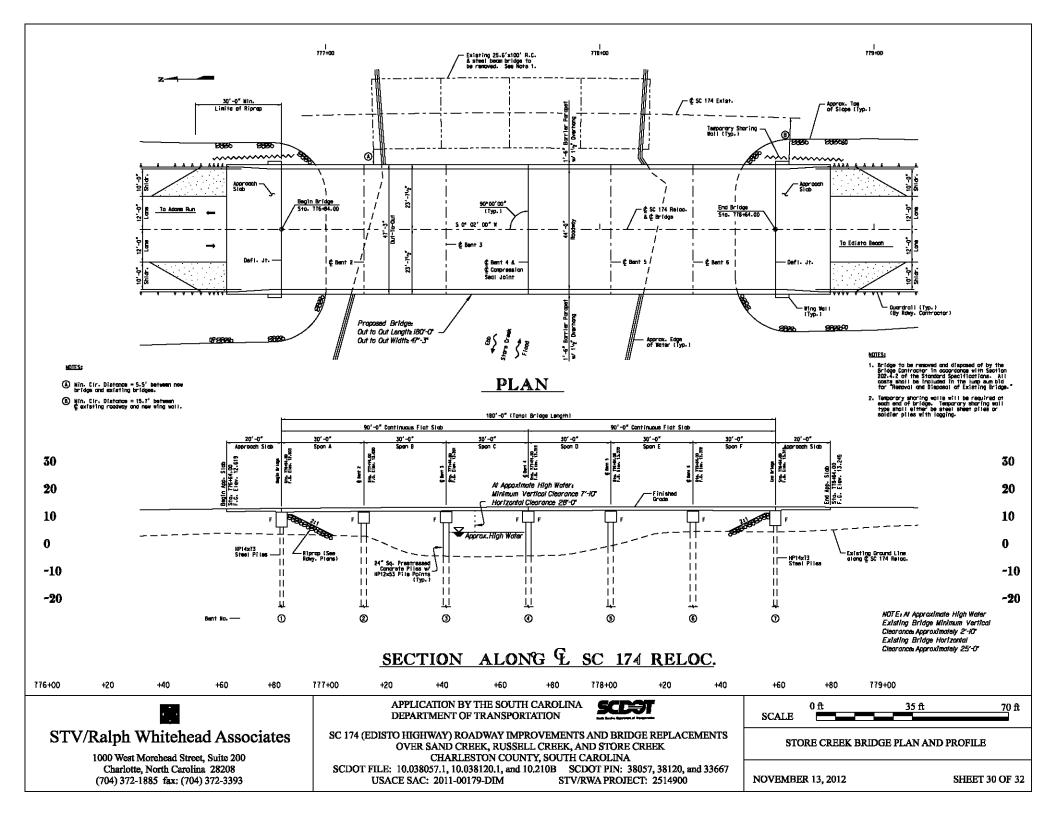
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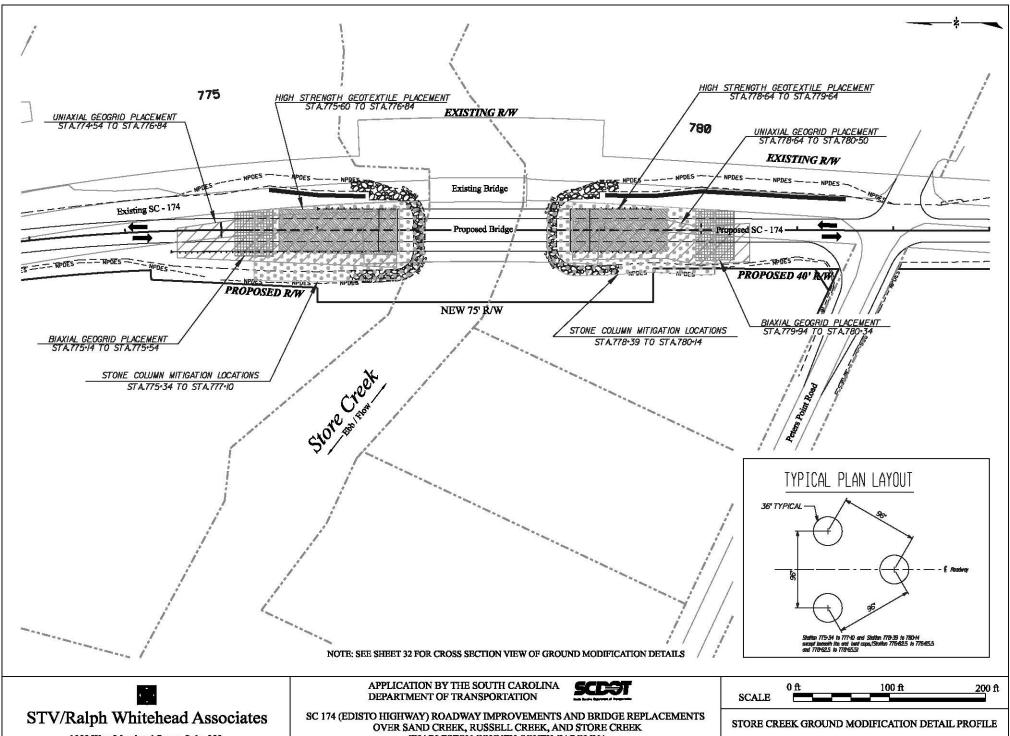


STORE CREEK CROSS SECTION

NOVEMBER 13, 2012

SHEET 29 OF 32



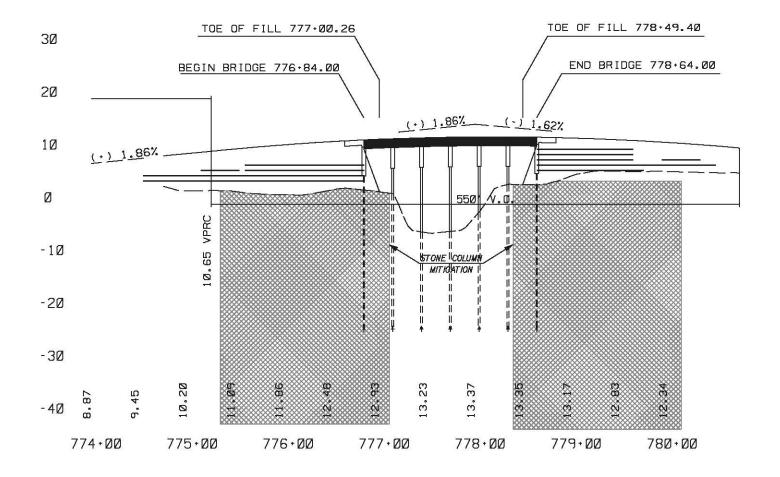


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CHARLESTON COUNTY, SOUTH CAROLINA

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NOVEMBER 13, 2012 **SHEET 31 OF 32**





STV/Ralph Whitehead Associates

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APPLICATION BY THE SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION



SC 174 (EDISTO HIGHWAY) ROADWAY IMPROVEMENTS AND BRIDGE REPLACEMENTS

100 ft

STORE CREEK GROUND MODIFICATION DETAIL PROFILE

SCDOT FILE: 10.038057.1, 10.038120.1, and 10.210B SCDOT PIN: 38057, 38120, and 33667 USACE SAC: 2011-00179-DIM STV/RWA PROJECT: 2514900

OVER SAND CREEK, RUSSELL CREEK, AND STORE CREEK

CHARLESTON COUNTY, SOUTH CAROLINA

NOVEMBER 13, 2012

SCALE

SHEET 32 OF 32

200 ft