

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
Refer to: P/N # 2012-235-DIM

SEPTEMBER 13, 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
C/O MR. SEAN CONNOLLY
POST OFFICE BOX 191, 955 PARK STREET
COLUMBIA, SOUTH CAROLINA 20202-0191

for a permit to place fill material in critical area and wetlands adjacent to

BEES CREEK

at a location along SC Route 462 (Coosaw Scenic Drive) over Bees Creek in Jasper County, South Carolina (Latitude 32.543361, Longitude -80.912357).

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 the replacement of an existing structurally deficient bridge measuring 87 feet by 36.5 feet over Bees Creek via SC Route 462 (SCDOT structure number 2740046200300). The bridge will be replaced on the existing alignment and a 3.4 mile detour route will be established during construction via SC 336 to Interstate 95 and a 10.6 mile detour via Bees Creek Road, SC 336, and Interstate 95, with a proposed 21.2 mile truck detour route via Highway 170, Highway 278, and Interstate 95. The bridge will be replaced with a cast-in-place flat concrete slab bridge 120 feet in length with 45 feet in roadway length. The new bridge will be

supported on cast-in-place concrete bent caps and prestressed concrete piles. Roadway approaches to the bridge will be widened to 12-foot travel ways with 8-foot shoulders (2-foot paved, 6 foot unpaved). Fill slopes of 2:1 will be constructed to minimize wetland impacts. The new bridge will be 30 feet longer and two feet taller than the existing bride, increasing the usable channel of the water body. The new bridge will be constructed using top-down construction methods to limit temporary wetland impacts. Approximately 0.4 acres of additional right-of-way will be required, however no displacements are required. In order to accomplish the project 0.527 acres of estuarine wetlands will be filled (which includes rip-rap impacts), 0.131 acres of estuarine wetlands will be mechanically cleared, and the new bridge will shade an additional 0.012 acre of waters of the U.S.

The purpose of the proposed project is to replace a structurally deficient bridge with a new structure that meets SCDOT's design standards. The SCDOT considered a total of seven build alternatives and chose the proposed method as it was the least environmentally damaging, economically feasible alternative that met the required design. For the unavoidable impacts associated with the project, SCDOT is proposing to withdraw 7.99 mitigation credits from the SCDOT Huspa Creek Mitigation Bank.

NOTE: Plans depicting the work described in this notice are available and will be provided, upon receipt of a written request, to anyone that is interested in obtaining a copy of the plans for the specific project. The request must identify the project of interest by public notice number and a self-addressed stamped envelope must also be provided for mailing the drawings to you. Your request for drawings should be addressed to the

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

The District Engineer has concluded that the discharges associated with this project, both direct and indirect, should be reviewed by the South Carolina Department of Health and Environmental Control in accordance with provisions of Section 401 of the Clean Water Act. As such, this notice constitutes a request, on behalf of the applicant, for certification that this project will comply with applicable effluent limitations and water quality standards. The work shown on this application must also be certified as consistent with applicable provisions of the 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 0.670 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.

Pursuant to Section 7(c) of the Endangered Species Act of 1973 (as amended), the applicant has provided a protected species survey for the property associated with the activity described above. Based upon this report, the District Engineer has determined that the project is not likely to adversely affect any Federally endangered, threatened, or proposed species or result in the destruction or adverse modification of designated or proposed critical habitat. This public notice serves as a request for written concurrence from the U.S. Fish and Wildlife Service and/or the National Marine Fisheries Service on this determination.

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

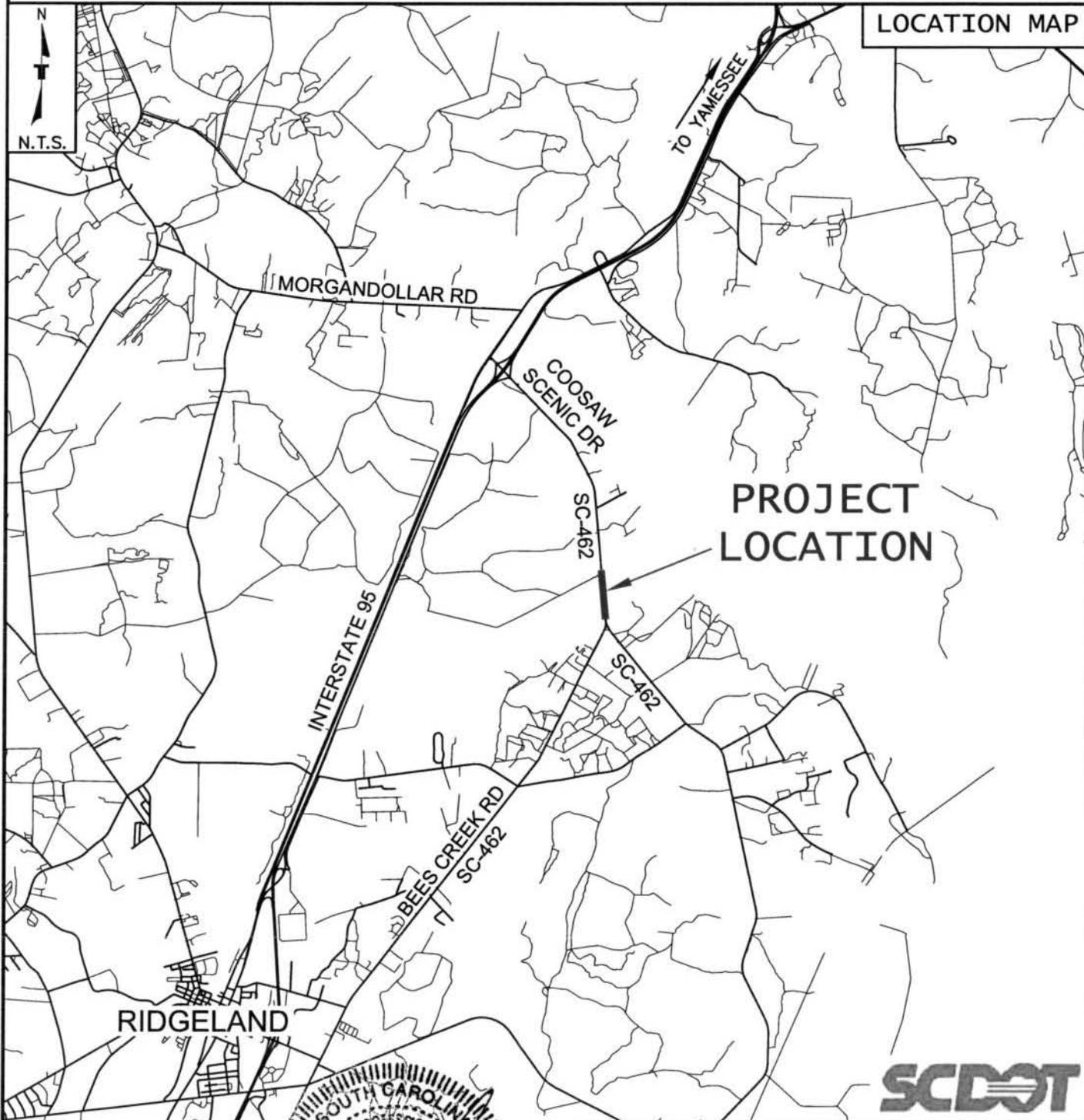
interest of the activity.

If there are any questions concerning this public notice, please contact Christopher Mims at 843-329-8154 or toll free at 1-866-329-8187.

APPLICANT: SCDOT
ACTIVITY: SC-462 BRIDGE REPLACEMENT AND
ROADWAY APPROACH IMPROVEMENTS
ROUTE: SC-462
TERRACON PROJECT NO. EN107006
USACE SD SAC 20120-00235-DJJ
SCALE: N.T.S.

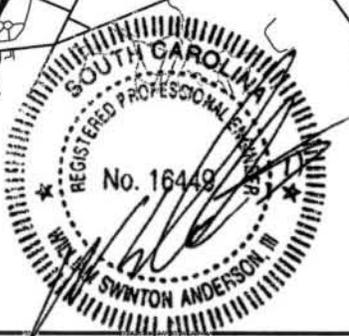
LOCATION: SC-462 OVER BEES CREEK
SCDOT FILE: 27.04076
SCDOT PIN: BR27(015)
COUNTY: JASPER
STATE: SOUTH CAROLINA
DATE: 8-15-2012

LOCATION MAP



RIDGELAND

PROJECT
LOCATION



TERRACON CONSULTING ENGINEERS AND SCIENTIST
1450 FIFTH STREET WEST, CHARLESTON SC 29406
PHONE: 843-884-1234 FAX: 843-884-9234

REPLACE SC ROUTE-462 OVER BEES CREEK
JASPER, SOUTH CAROLINA

WATER OF THE U.S. IMPACTS SHEET 1 OF 10

APPLICANT: SCDOT
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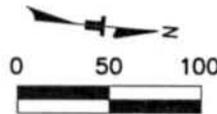
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 LOCATED IN THE FIELD BY TERRACON AND
 SURVEYED BY CHAO AND ASSOCIATES. THE
 OCRM LINE SETTING REQUEST WAS APPROVED
 BY SCDHEC -OCRM ON MAY 8, 2012.
 CRITICAL AREA BOUNDARY PLAT INCLUDED IN
 APPENDIX III OF PERMIT APPLICATION.

SCALE: 1"=100'

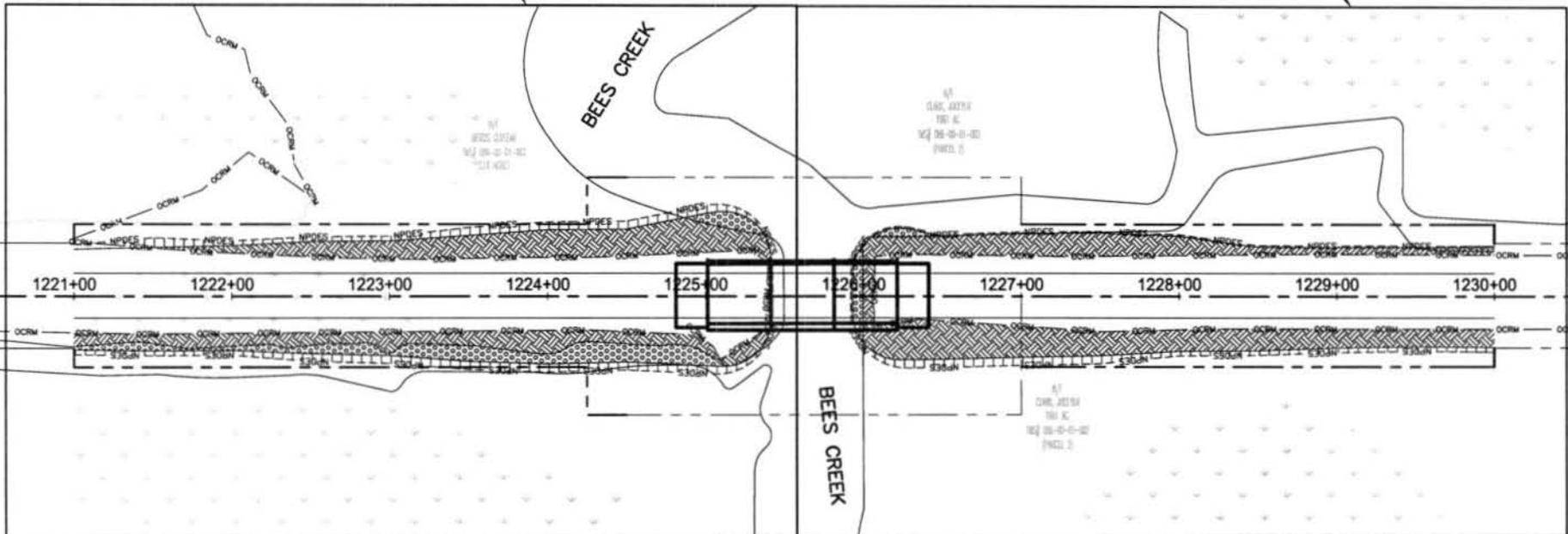
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NOT FOR CONSTRUCTION

SITE PLAN PROVIDED BY: CECS



SHEET 2

SHEET 3



LEGEND

- TIDAL CREEK
- WETLAND CLEARING
- WETLAND FILL
- TIDAL CREEK FILL



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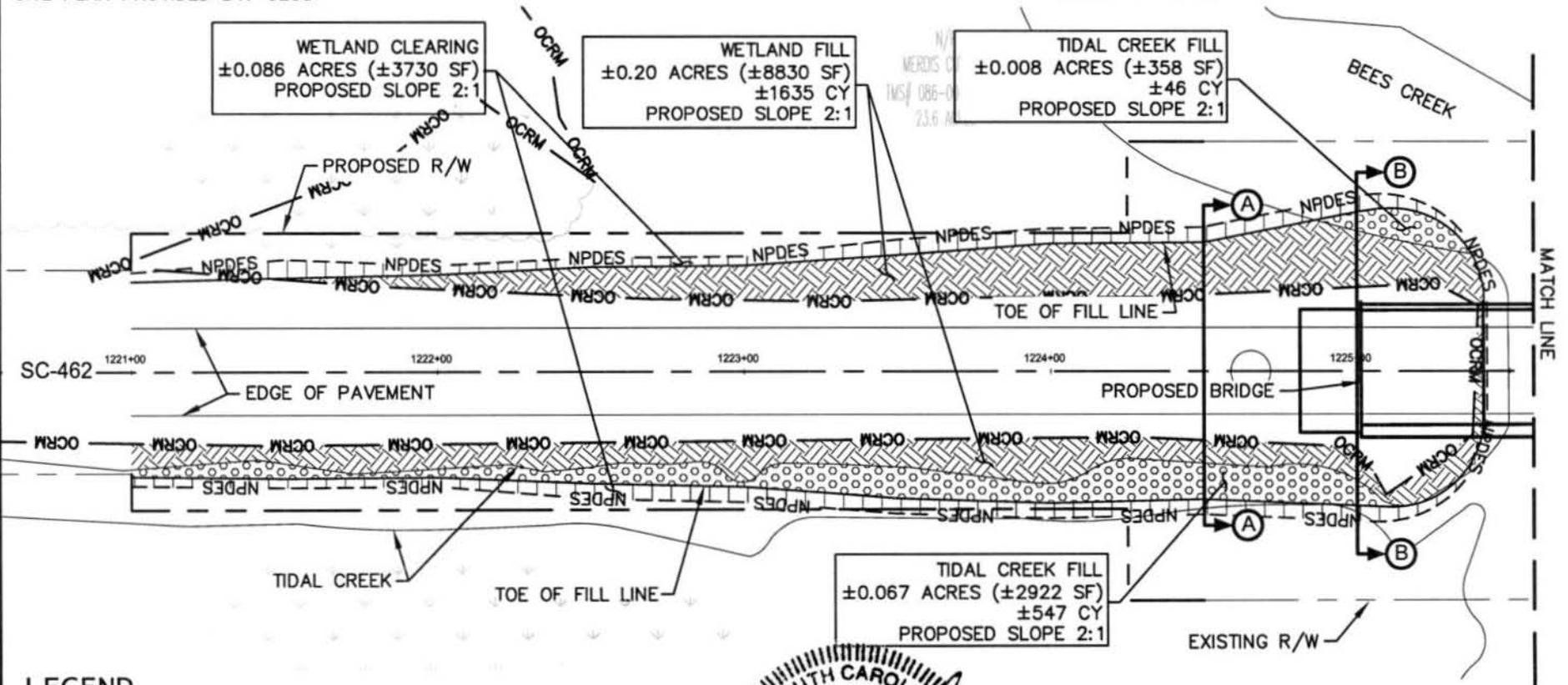
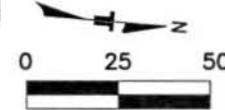
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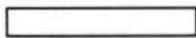
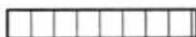
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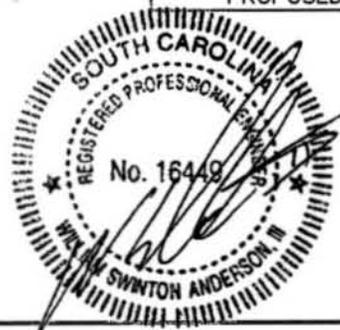
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LEGEND

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-  WETLAND CLEARING
-  WETLAND FILL
-  TIDAL CREEK FILL



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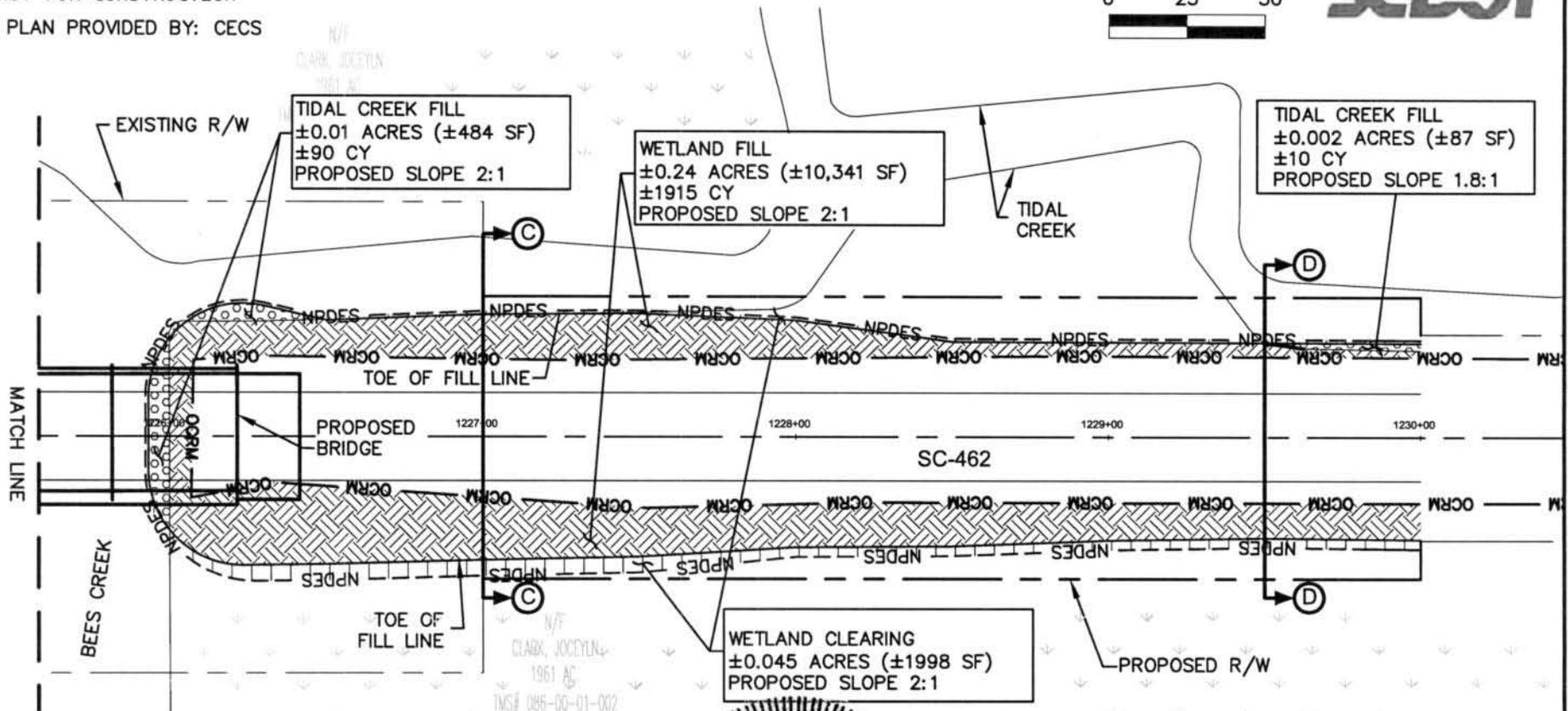
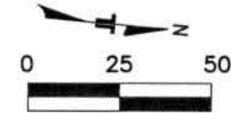
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SCALE: 1"=50'

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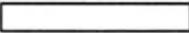
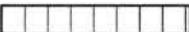
TIDAL CREEK FILL
 ±0.01 ACRES (±484 SF)
 ±90 CY
 PROPOSED SLOPE 2:1

WETLAND FILL
 ±0.24 ACRES (±10,341 SF)
 ±1915 CY
 PROPOSED SLOPE 2:1

TIDAL CREEK FILL
 ±0.002 ACRES (±87 SF)
 ±10 CY
 PROPOSED SLOPE 1.8:1

WETLAND CLEARING
 ±0.045 ACRES (±1998 SF)
 PROPOSED SLOPE 2:1

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-  WETLAND FILL
-  TIDAL CREEK FILL



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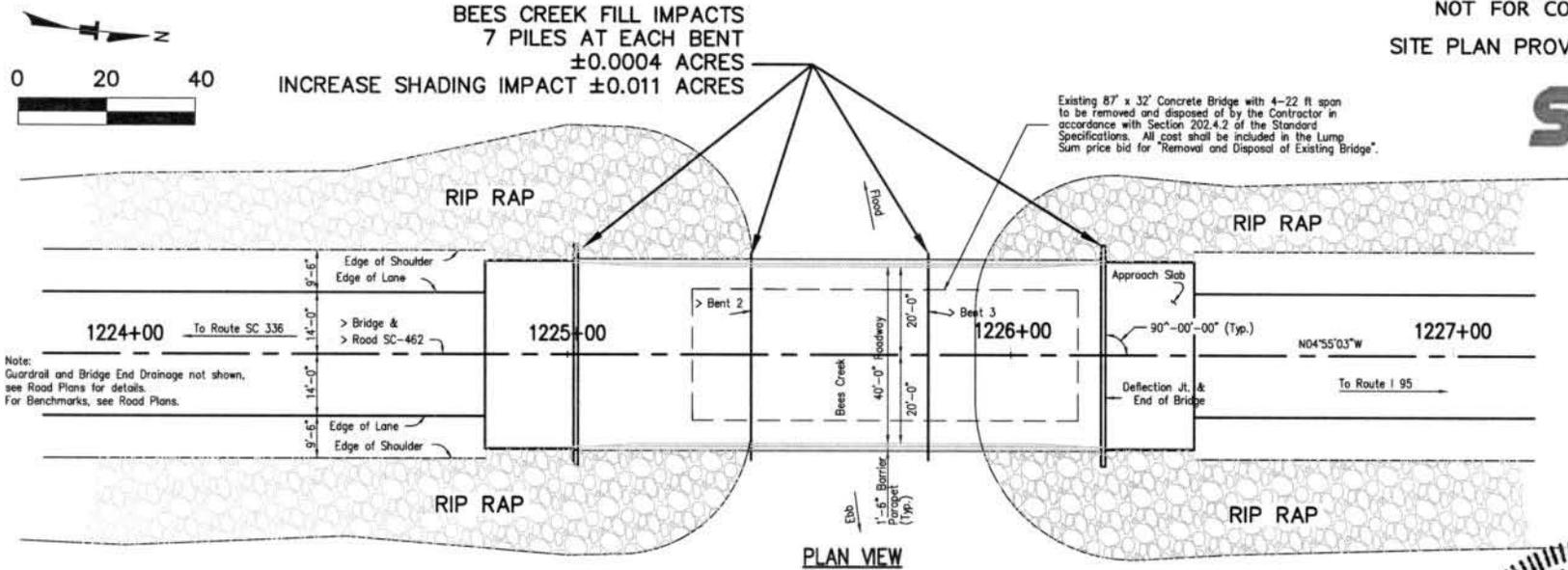
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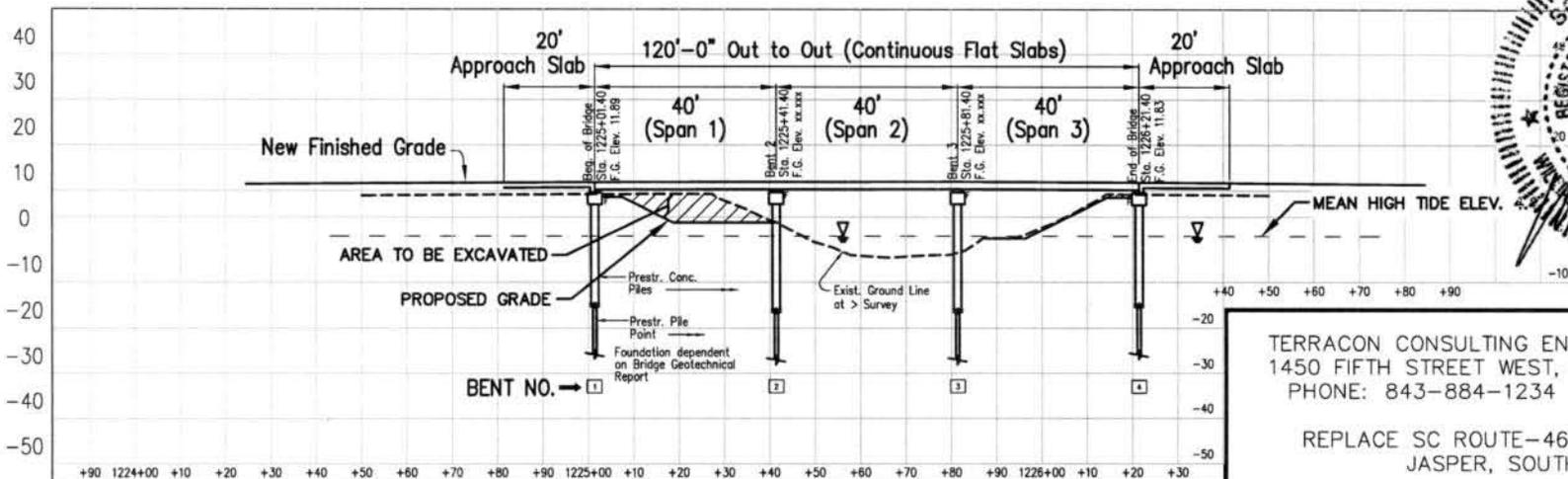
SCALE: 1"=40'

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Note: Guardrail and Bridge End Drainage not shown, see Road Plans for details. For Benchmarks, see Road Plans.

PLAN VIEW



PROFILE VIEW

HORIZ. 1"= 40' VERTICAL. 1"= 40'



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SCALE: 1"=20'

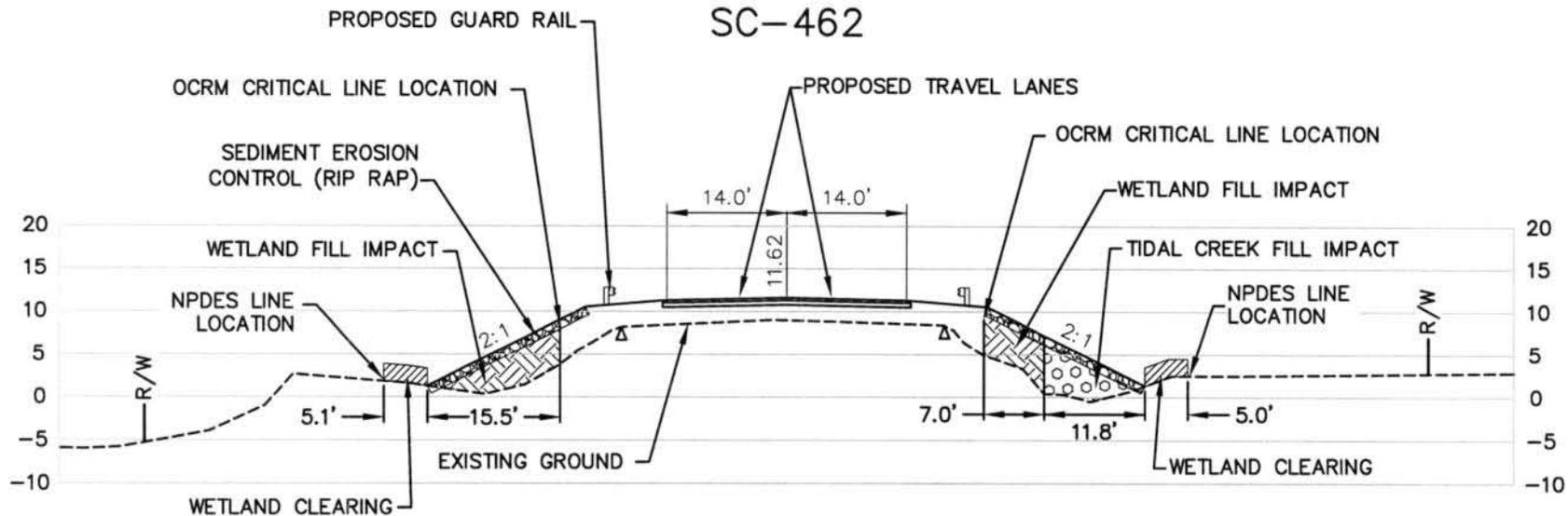
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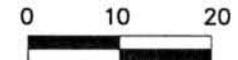


1224+50.00

SC-462



CROSS SECTION A-A



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REPLACE SC ROUTE-462 OVER BEES CREEK
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WATER OF THE U.S. IMPACTS SHEET 6 OF 10

CROSS SECTION

APPLICANT: SCDOT
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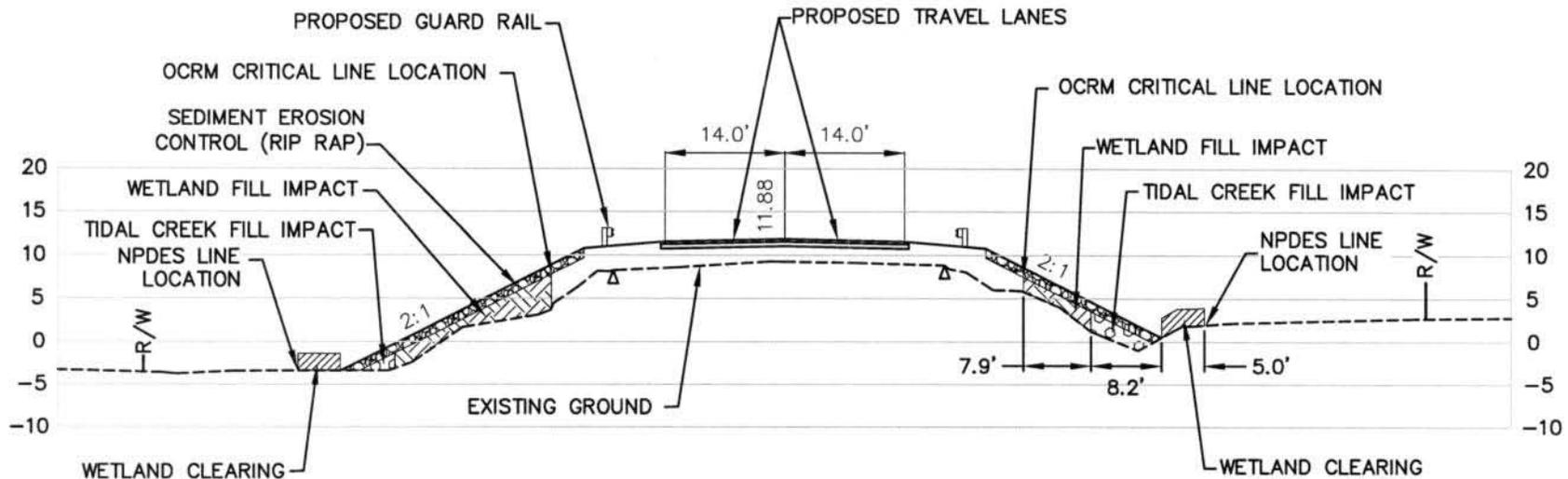
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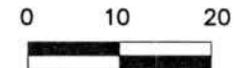


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BEGIN BRIDGE
 STA. 1225+01.40
 SC-462



CROSS SECTION B-B



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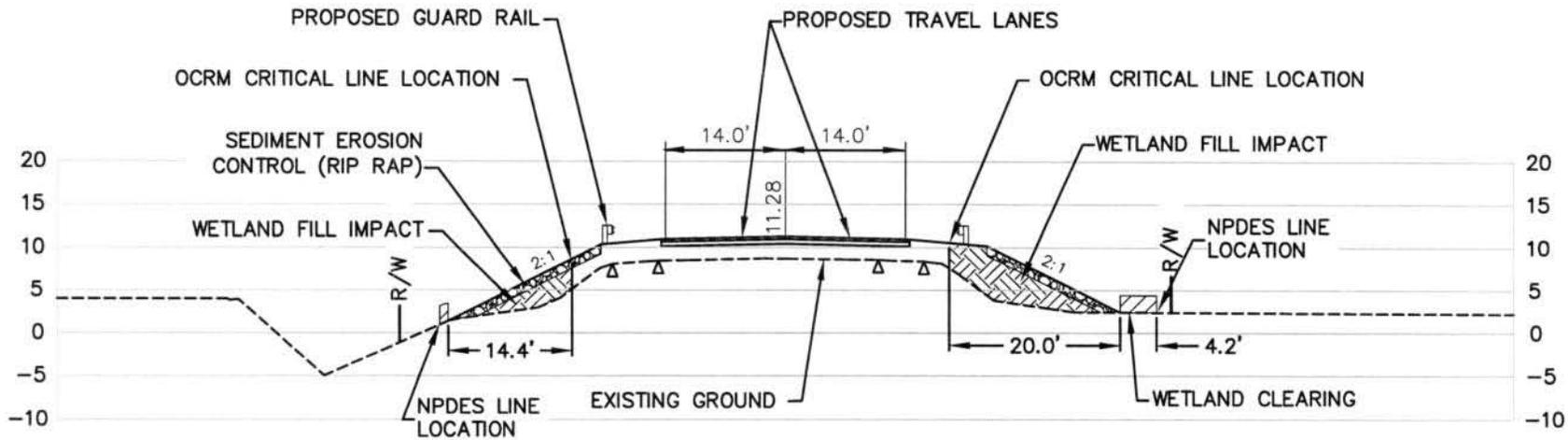
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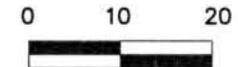
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1227+00.00

SC462



CROSS SECTION C-C



CROSS SECTION

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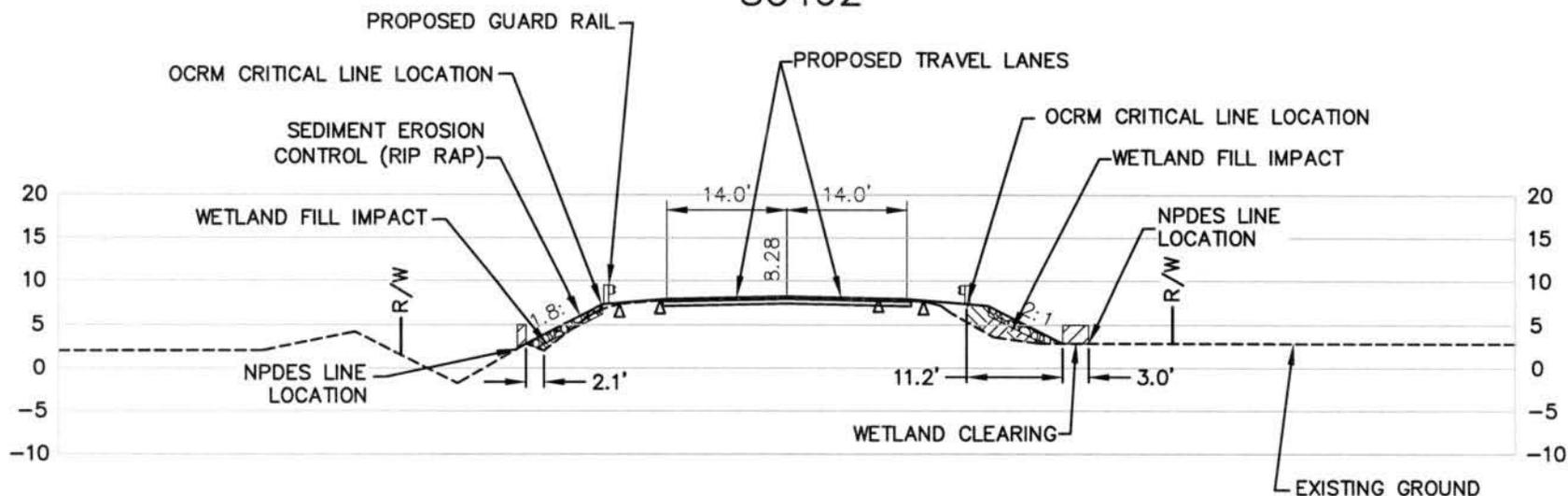


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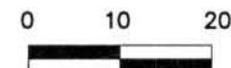
SITE PLAN PROVIDED BY: CECS

1229+50.00

SC462



CROSS SECTION D-D



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WETLAND IMPACT SUMMARY



EXISTING CONDITIONS

SITE AREA: 2.96 ACRES (129,140 SF)
UPLANDS: 1.06 ACRES (46,333 SF)
WETLANDS: 1.90 ACRES (82,807 SF)

JURISDICTIONAL WETLAND IMPACTS

TIDAL CREEKS: 0.087 ACRES FILL & PILES
TIDAL CREEKS: 0.009 ACRES SHADING
WETLANDS: 0.003 ACRES SHADING
WETLANDS: 0.440 ACRES FILL
WETLANDS: 0.131 ACRES CLEARING

TOTAL: 0.670 ACRES



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