

JOINT
PUBLIC NOTICE

CHARLESTON DISTRICT, CORPS OF ENGINEERS
69A Hagood Avenue
Charleston, SC 29403-5107

and

THE S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
Water Quality Certification and Wetlands Section
2600 Bull Street
Columbia, South Carolina 29201

REGULATORY DIVISION

Refer to: P/N SAC-2015-00812 REVISED

January 6, 2022

Pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403) and Sections 401 and 404 of the Clean Water Act (33 U.S.C. 1341), 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
Attn: Ms. Jackie Galloway
SCDOT
955 Park Street
Columbia, South Carolina 29202

for a permit to construct the US 21 & SC 51 widening project (SCDOT ID 42332) Phase I and Phase II in York County, South Carolina. This project will widen a total of 5.7 miles of roadway including US 21 from the intersection of US 21 and SC 160/North White Street to the intersection of US 21 and SC 51 and approximately one mile of SC 51 to the state boundary to improve traffic safety, traffic efficiency to meet current design criteria and to improve stormwater drainage in

tributaries to Sugar Creek, tributaries to Blankmanship Branch, tributaries to Steele Creek, and Steele Creek

at a location, York County, North Carolina (Latitude: 35.056328 °, Longitude: -80.937939 °), Fort Mill, SC quadrangle.

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 widening of approximately 5.7 miles of roadway including US 21 from the intersection of US 21 and SC 160/North White Street to the intersection of US 21 and SC 51 and approximately one mile of SC 51 to the state boundary to improve traffic safety, traffic efficiency to meet current design criteria and to improve stormwater drainage. This project will include impact to a total of 1,378 linear feet of tributaries and 0.984 acres of wetland areas. Specifically, this project will include placement of fill and piping in 1,019 linear feet of tributaries, placement of rock armor rip rap in 359 linear feet of tributaries, placement of fill (including cut/fill) in 0.832 acres of wetlands and mechanical clearing of 0.152 acre of wetlands.

The applicant has proposed to mitigate for impacts to wetlands and/or waters of the United States by purchasing 6271.3 compensatory stream mitigation credits and 9.79 wetland mitigation credits from Turners Branch Mitigation bank and from one of the other Corps approved mitigation banks that serves this project location.

NOTE: This public notice and associated plans are available on the Corps' website at: <http://www.sac.usace.army.mil/Missions/Regulatory/PublicNotices> .

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 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 Public Notice will serve as the notification to the Administrator of the Environmental Protection Agency (EPA) pursuant to section 401(a)(2) of the Clean Water Act.

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 1.389 acres of wetlands tributary to Steele Creek and Sugar Creek well inland from the Atlantic Ocean and would not impact estuarine substrates and emergent wetland utilized by various life stages of species comprising the shrimp, and snapper-grouper management complexes. The District Engineer's 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). The District Engineer's 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 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. Specifically, the presence of Schweinitz's Sunflower (*Helianthus schweinitzii*) in York County and the project's location within the range of the Northern Long-eared bat (*Myotis septentrionalis*). 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 Section 106 of the NHPA, the District Engineer has consulted South Carolina ArchSite (GIS), for the presence or absence of historic properties (as defined in 36 C.F.R. 800.16)(1)(1)), and has initially determined that there are historic properties present, but they will not be affected; therefore, there will be no effect on historic properties. This public notice serves to notify the State Historic Preservation Office (SHPO) that the Corps plans to initiate Section 106 consultation on these historic properties. Individuals or groups who would like to be consulting parties for the purposes of the NHPA should make such a request to the Corps in writing within 30 days of this public notice. To ensure that other historic properties 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 and other interested parties to provide any information they may have with regard to historic properties.

The District Engineer's final eligibility and effect determination will be based upon coordination with the SHPO and/or Tribal Historic Preservation Officer (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 proposed activity on the public interest and will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency (EPA), under authority of Section 404(b) of the Clean Water Act and, as appropriate, the criteria established under authority of Section 102 of the Marine Protection, Research and Sanctuaries Act of 1972, as amended. That decision

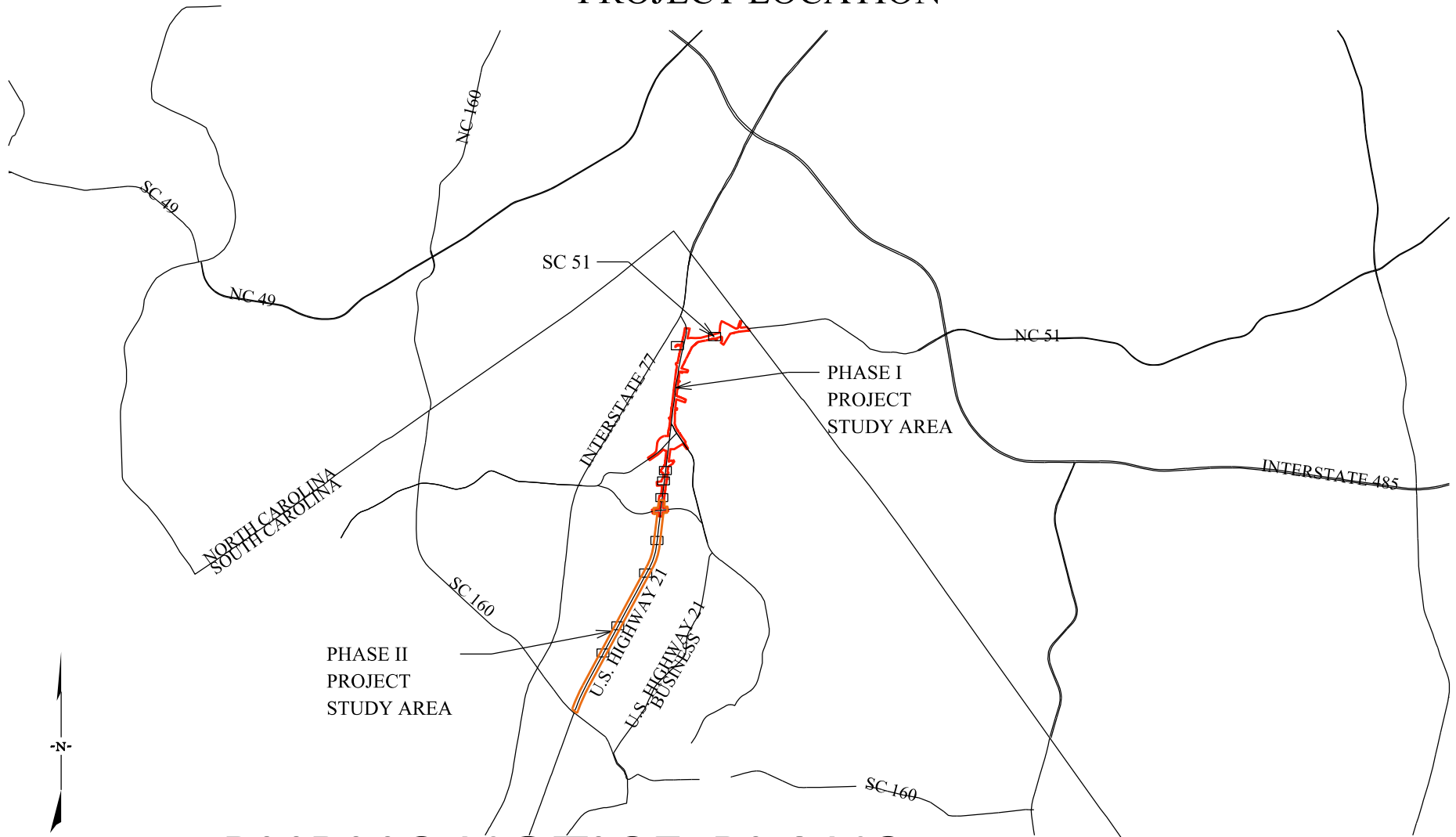
will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the project must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the project will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production and, in general, the needs and welfare of the people. A permit will be granted unless the District Engineer determines that it would be contrary to the public interest. In cases of conflicting property rights, the Corps cannot undertake to adjudicate rival claims.

The Corps 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 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. **Please submit comments in writing, identifying the project of interest by public notice number, to the following address:**

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

If there are any questions concerning this public notice, please contact Stephen A. Brumagin, Project Manager, at (803) 253-3445, or by email at Stephen.A.Brumagin@usace.army.mil.

US 21 NORTH PHASE I AND US 21 NORTH PHASE II PROJECT LOCATION

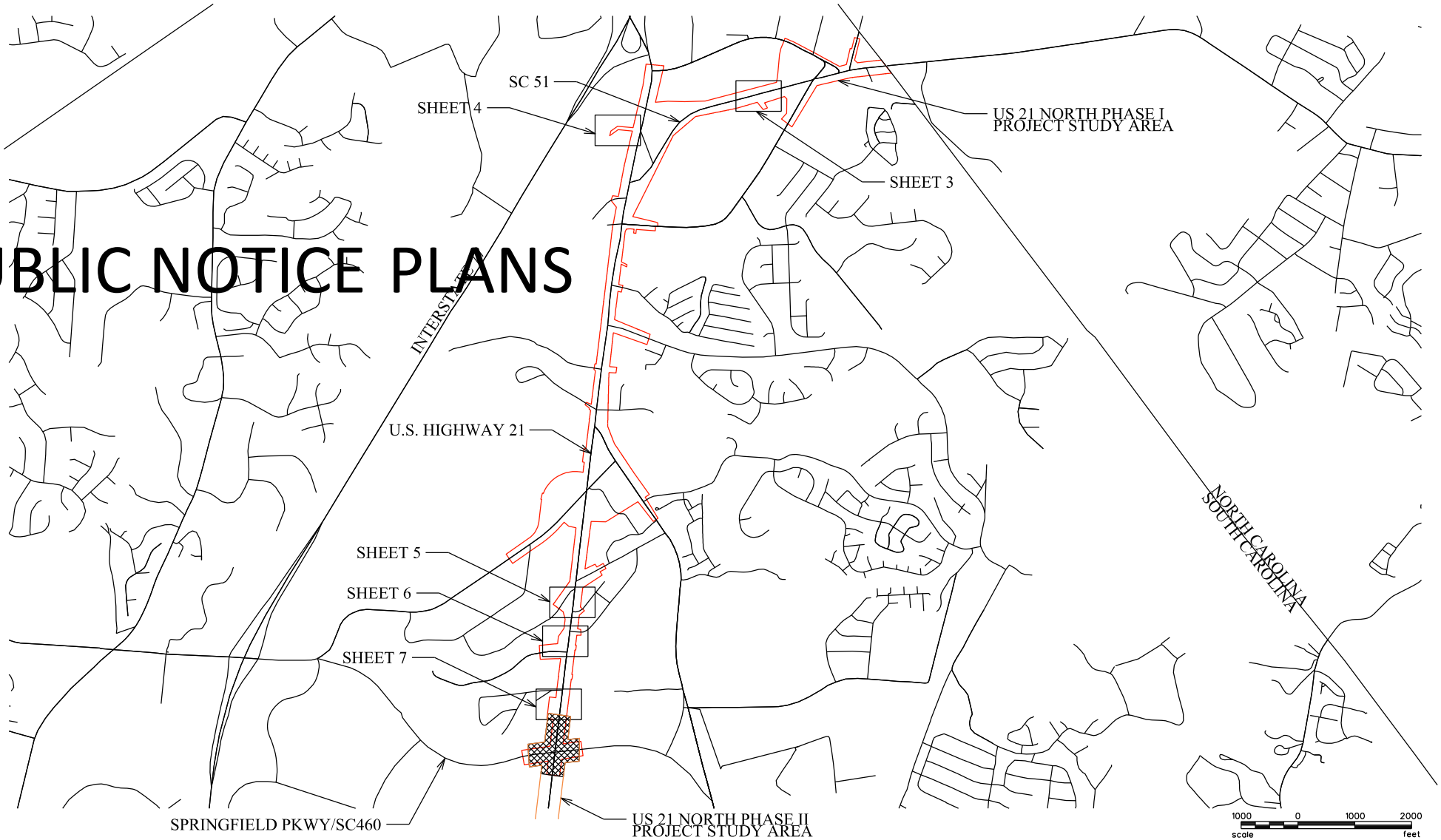





PUBLIC NOTICE PLANS

<p>US 21 NORTH PHASE I PROJECT STUDY AREA</p> <p style="text-align: center;">▭</p>	<p>US 21 NORTH PHASE II PROJECT STUDY AREA</p> <p style="text-align: center;">▭</p>	<p>STV Incorporated 454 South Anderson Road, Suite 3, BTC 517 Rock Hill, South Carolina 29730 (803) 980-4970 fax: (803) 980-4099</p> <p>Campo Engineering Inc 156 Oakland Avenue Rock Hill, South Carolina 29730 (803) 327-7121</p>	<p>APPLICANT: SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION</p> <p>PROJECT: US 21 NORTH PHASE I AND SC 51 & US 21 NORTH PHASE II</p> <p>LOCATION: YORK COUNTY, SOUTH CAROLINA</p> <p>YORK COUNTY PROJECTS 11149-004 & 17228-015</p> <p>SCDOT PROJECT ID 42332 & 39235</p> <p>SHEET: 1 OF 21 DATE: Revised 12-17-2021</p>
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US 21 NORTH PHASE I AND SC 51 PROJECT OVERVIEW

PUBLIC NOTICE PLANS



US 21 NORTH PHASE I PROJECT STUDY AREA	
US 21 NORTH PHASE II PROJECT STUDY AREA	
OVERLAP BETWEEN PHASE I & II	

<u>PHASE I IMPACT TOTALS</u>	<u>LF</u>	<u>ACRE</u>
PERMANENT TRIBUTARY ARMORING IMPACT	166	0.024
PERMANENT TRIBUTARY PIPE IMPACT	469	0.074
PERMANENT WETLAND FILL IMPACT		0.054
TEMPORARY WETLAND CLEARING IMPACT		0.045
TOTAL PERMANENT TRIBUTARY IMPACTS	635	0.098
TOTAL TEMPORARY WETLAND IMPACTS		0.045
TOTAL PERMANENT WETLAND IMPACTS		0.054

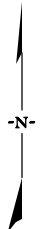
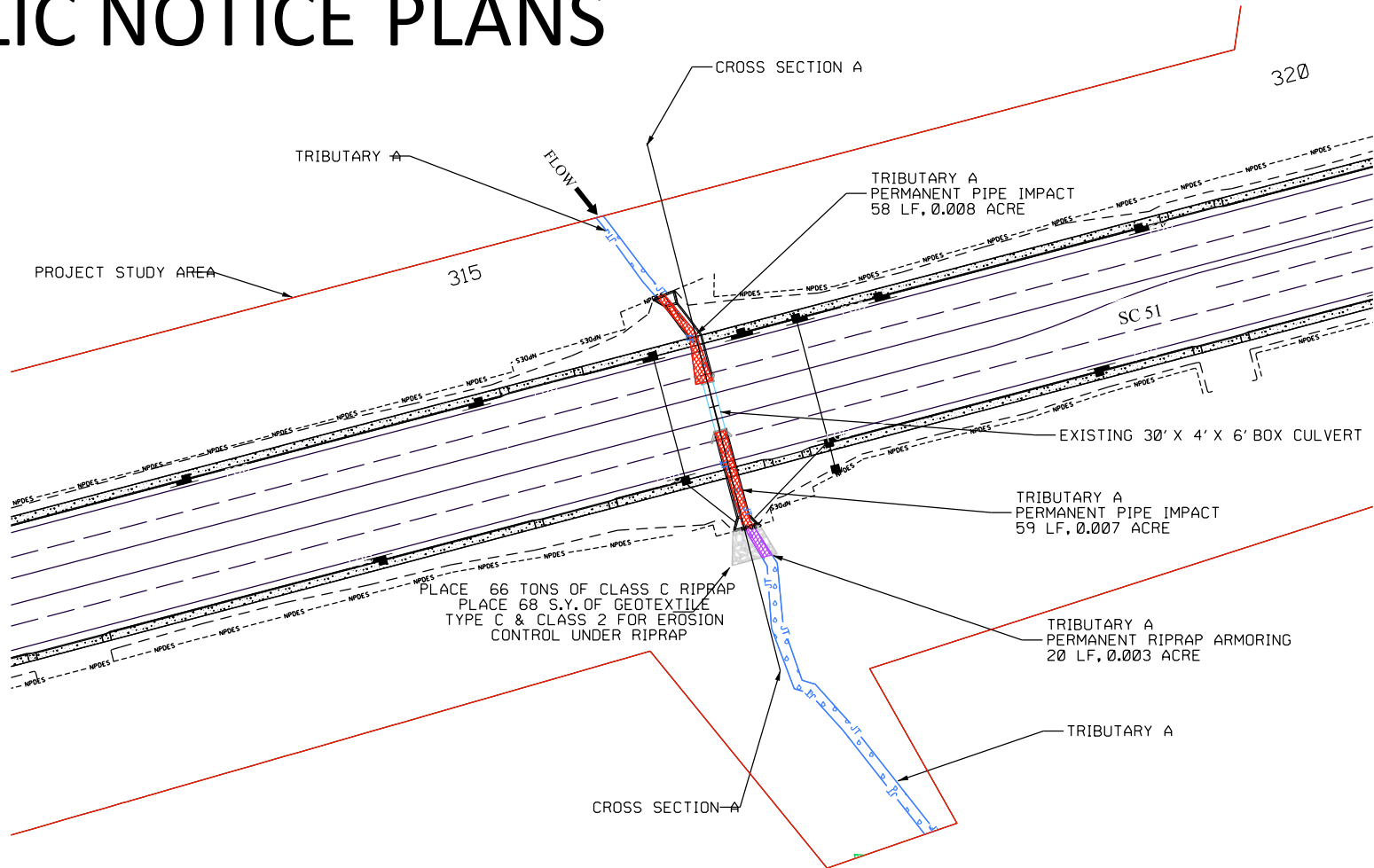
STV Incorporated
 454 South Anderson Road, Suite 3, BTC 517
 Rock Hill, South Carolina 29730
 (803) 980-4970 fax: (803) 980-4099

Campco Engineering Inc
 156 Oakland Avenue
 Rock Hill, South Carolina 29730
 (803) 327-7121

APPLICANT:	SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION	
PROJECT:	US 21 NORTH PHASE I AND SC 51 & US 21 NORTH PHASE II	
LOCATION:	YORK COUNTY, SOUTH CAROLINA	
	YORK COUNTY PROJECTS 11149-004 & 17228-015	
	SCDOT PROJECT ID 42332 & 39235	
SHEET:	2 OF 21	DATE: Revised 12-17-2021

US 21 NORTH PHASE I AND SC 51 PLAN VIEW

PUBLIC NOTICE PLANS



WETLAND	
JURISDICTIONAL TRIBUTARY	
RIPRAP	
PERMANENT RIPRAP ARMORING IMPACT	
PERMANENT PIPE/CULVERT IMPACT	
PERMANENT FILL IMPACT	
TEMPORARY IMPACT	

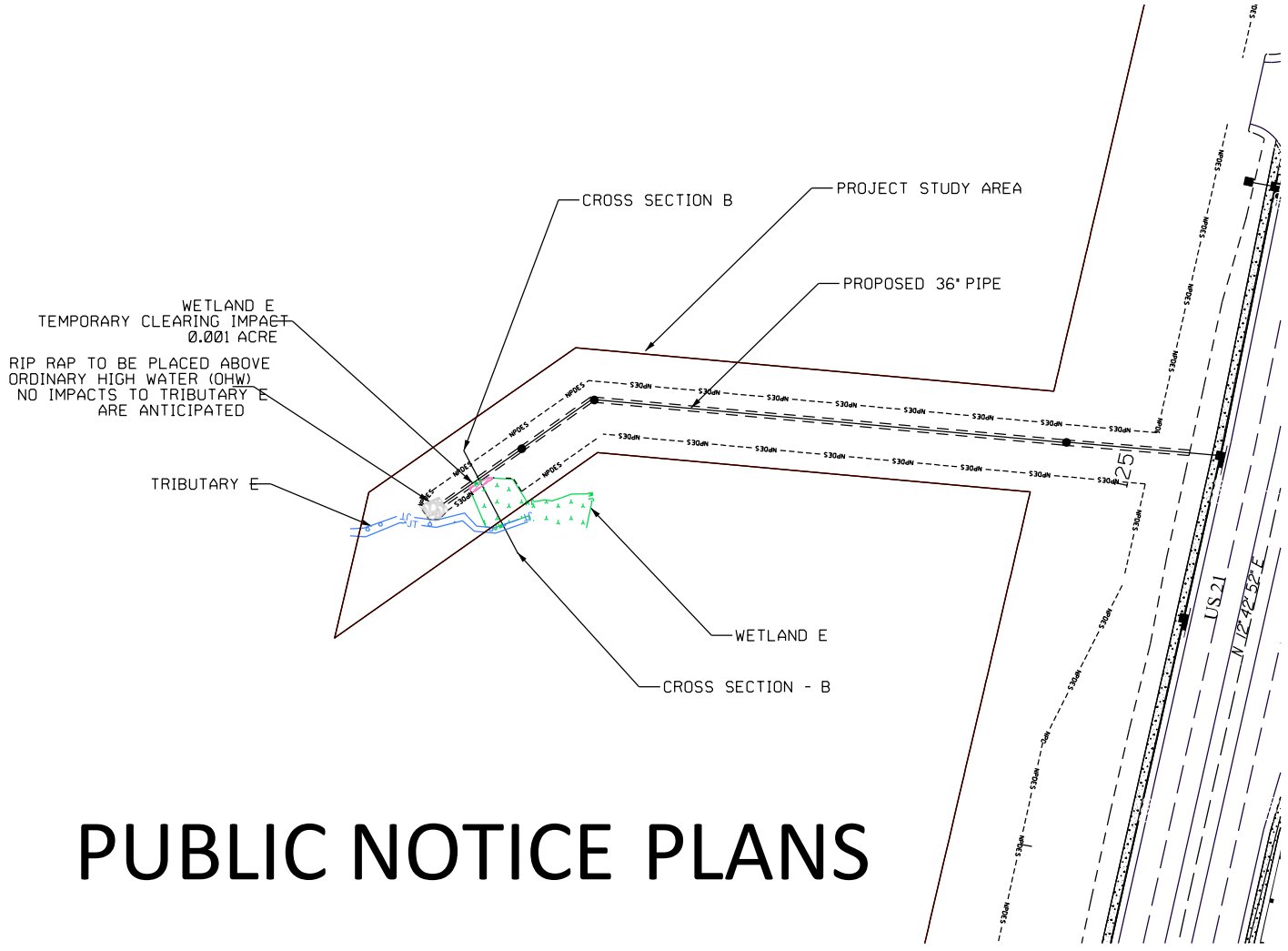
SHEET IMPACT TOTALS	LF	ACRE
PERMANENT TRIBUTARY ARMORING IMPACT	20	0.003
PERMANENT TRIBUTARY PIPE IMPACT	117	0.015
TOTAL PERMANENT TRIBUTARY IMPACTS	137	0.018

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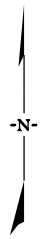
APPLICANT:	SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION	
PROJECT:	US 21 NORTH PHASE I AND SC 51 & US 21 NORTH PHASE II	
LOCATION:	YORK COUNTY, SOUTH CAROLINA	
	YORK COUNTY PROJECTS 11149-004 & 17228-015	
	SCDOT PROJECT ID 42332 & 39235	
SHEET:	3 OF 21	DATE: Revised 12-17-2021

US 21 NORTH PHASE I AND SC 51 PLAN VIEW



WETLAND E
TEMPORARY CLEARING IMPACT
0.001 ACRE
RIP RAP TO BE PLACED ABOVE
ORDINARY HIGH WATER (OHW)
NO IMPACTS TO TRIBUTARY E
ARE ANTICIPATED

PUBLIC NOTICE PLANS



WETLAND	
JURISDICTIONAL TRIBUTARY	
RIPRAP	
PERMANENT RIPRAP ARMORING IMPACT	
PERMANENT PIPE/CULVERT IMPACT	
PERMANENT FILL IMPACT	
TEMPORARY IMPACT	

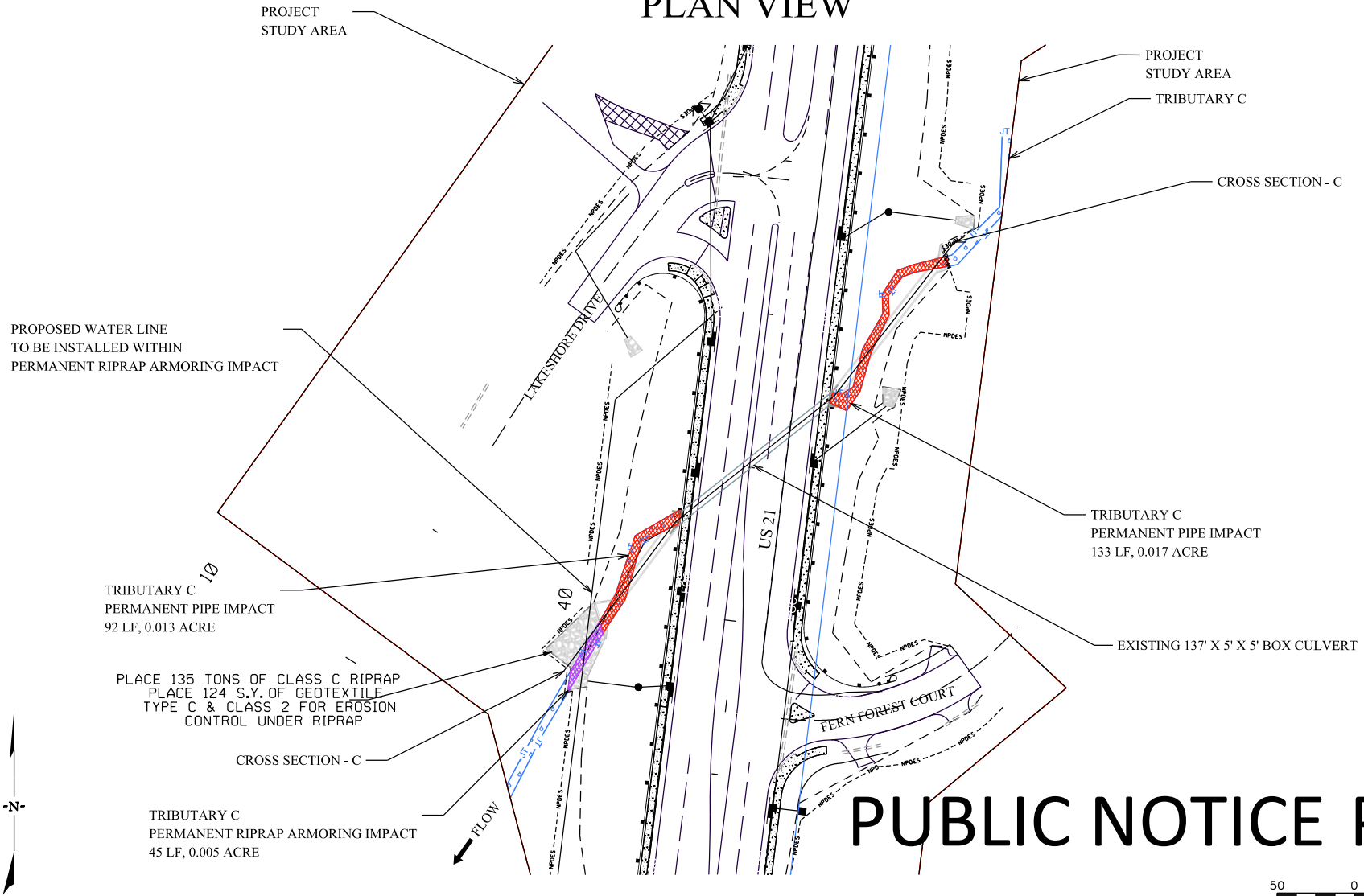
SHEET IMPACT TOTALS	LF	ACRE
	TEMPORARY WETLAND CLEARING IMPACT	

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APPLICANT:	SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION	
PROJECT:	US 21 NORTH PHASE I AND SC 51 & US 21 NORTH PHASE II	
LOCATION:	YORK COUNTY, SOUTH CAROLINA	
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	SCDOT PROJECT ID 42332 & 39235	
SHEET:	4 OF 21	DATE: Revised 12-17-2021

US 21 NORTH PHASE I AND SC 51 PLAN VIEW

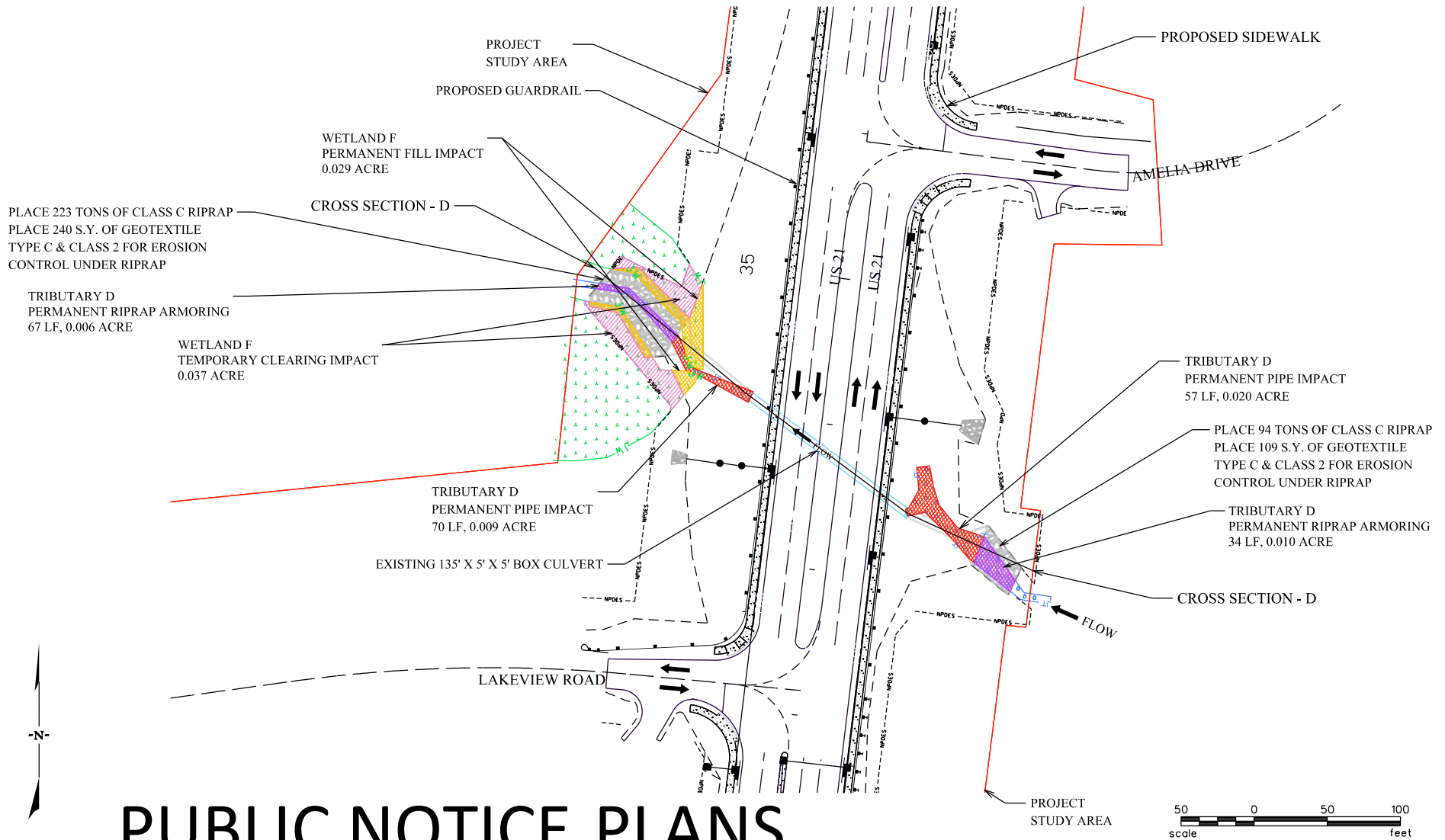


PUBLIC NOTICE PLANS



<p>WETLAND</p> <p>JURISDICTIONAL TRIBUTARY</p> <p>RIPRAP</p> <p>PERMANENT RIPRAP ARMORING IMPACT</p> <p>PERMANENT PIPE/CULVERT IMPACT</p> <p>PERMANENT FILL IMPACT</p> <p>TEMPORARY IMPACT</p>		<p>SHEET IMPACT TOTALS</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;"></td> <td style="width: 10%; text-align: center;">LF</td> <td style="width: 20%; text-align: center;">ACRE</td> </tr> <tr> <td>PERMANENT TRIBUTARY ARMORING IMPACT</td> <td style="text-align: center;">45</td> <td style="text-align: center;">0.005</td> </tr> <tr> <td>PERMANENT TRIBUTARY PIPE IMPACT</td> <td style="text-align: center;">225</td> <td style="text-align: center;">0.030</td> </tr> <tr> <td>TOTAL PERMANENT TRIBUTARY IMPACTS</td> <td style="text-align: center;">270</td> <td style="text-align: center;">0.035</td> </tr> </table>		LF	ACRE	PERMANENT TRIBUTARY ARMORING IMPACT	45	0.005	PERMANENT TRIBUTARY PIPE IMPACT	225	0.030	TOTAL PERMANENT TRIBUTARY IMPACTS	270	0.035	<p>STV Incorporated</p> <p>454 South Anderson Road, Suite 3, BTC 517 Rock Hill, South Carolina 29730 (803) 980-4970 fax: (803) 980-4099</p> <p>Campco Engineering Inc</p> <p>156 Oakland Avenue Rock Hill, South Carolina 29730 (803) 327-7121</p>	<p>APPLICANT: SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION</p> <p>PROJECT: US 21 NORTH PHASE I AND SC 51 & US 21 NORTH PHASE II</p> <p>LOCATION: YORK COUNTY, SOUTH CAROLINA</p> <p>YORK COUNTY PROJECTS 11149-004 & 17228-015</p> <p>SCDOT PROJECT ID 42332 & 39235</p> <p>SHEET: 5 OF 21 DATE: Revised 12-17-2021</p>
	LF	ACRE														
PERMANENT TRIBUTARY ARMORING IMPACT	45	0.005														
PERMANENT TRIBUTARY PIPE IMPACT	225	0.030														
TOTAL PERMANENT TRIBUTARY IMPACTS	270	0.035														

US 21 NORTH PHASE I AND SC 51 PLAN VIEW



PUBLIC NOTICE PLANS

WETLAND	
JURISDICTIONAL TRIBUTARY	
RIPRAP	
PERMANENT RIPRAP ARMORING IMPACT	
PERMANENT PIPE/CULVERT IMPACT	
PERMANENT FILL IMPACT	
TEMPORARY IMPACT	

SHEET IMPACT TOTALS	LF	ACRE
PERMANENT TRIBUTARY ARMORING IMPACT	101	0.016
PERMANENT TRIBUTARY PIPE IMPACT	127	0.029
PERMANENT WETLAND FILL IMPACT		0.029
TEMPORARY WETLAND CLEARING IMPACT		0.037
TOTAL PERMANENT TRIBUTARY IMPACTS	228	0.045
TOTAL PERMANENT WETLAND IMPACTS		0.029
TOTAL TEMPORARY WETLAND IMPACTS		0.037

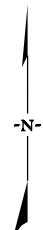
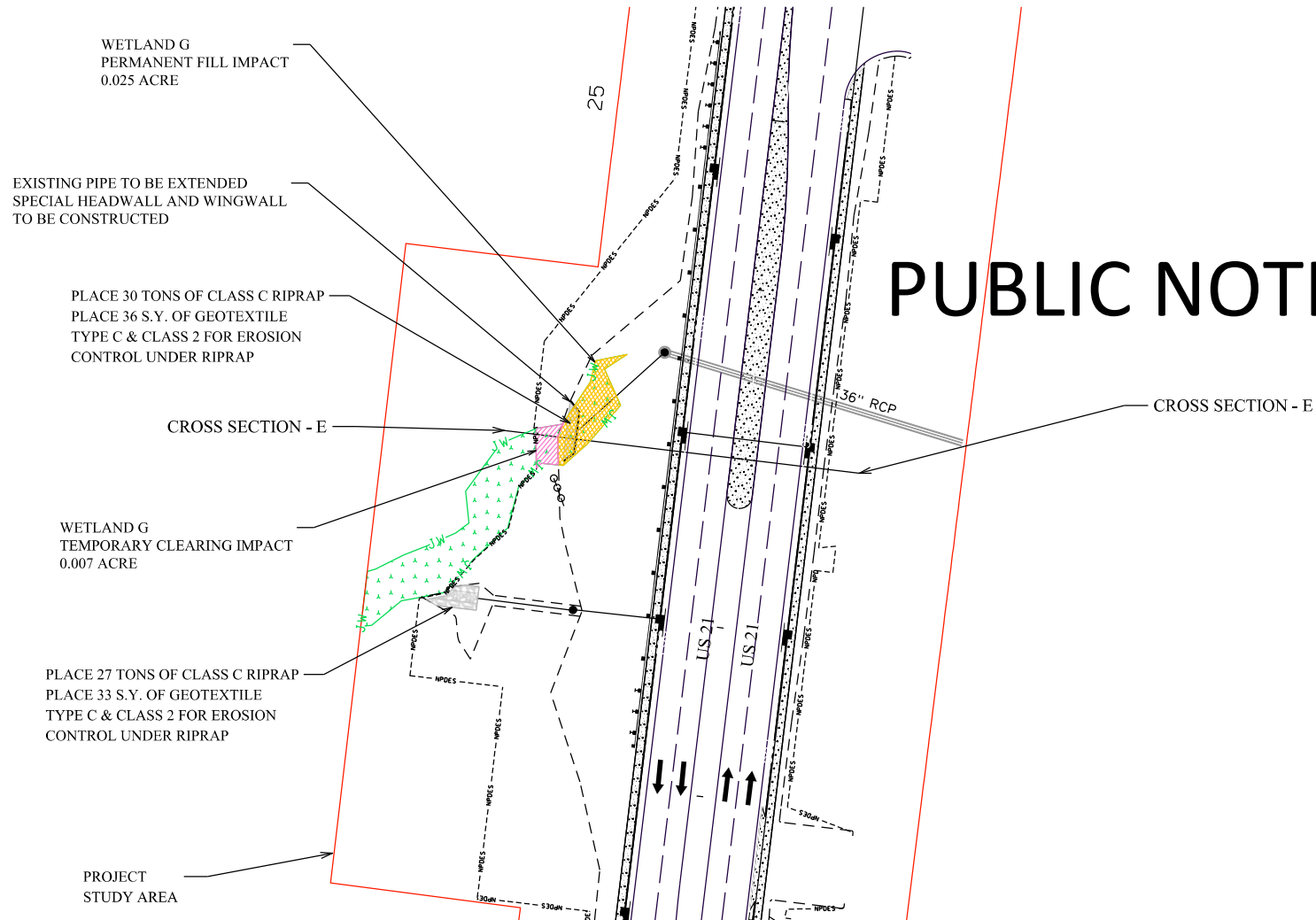
STV Incorporated
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 Rock Hill, South Carolina 29730
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APPLICANT:	SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION	
PROJECT:	US 21 NORTH PHASE I AND SC 51 & US 21 NORTH PHASE II	
LOCATION:	YORK COUNTY, SOUTH CAROLINA	
	YORK COUNTY PROJECTS 11149-004 & 17228-015	
	SCDOT PROJECT ID 42332 & 39235	
SHEET:	6 OF 21	DATE: Revised 12-17-2021

US 21 NORTH PHASE I AND SC 51 PLAN VIEW

PUBLIC NOTICE PLANS



WETLAND	
JURISDICTIONAL TRIBUTARY	
RIPRAP	
PERMANENT RIPRAP ARMORING IMPACT	
PERMANENT PIPE/CULVERT IMPACT	
PERMANENT FILL IMPACT	
TEMPORARY IMPACT	

SHEET IMPACT TOTALS	<u>LF</u>	<u>ACRE</u>
PERMANENT WETLAND FILL IMPACT	0.025	
TEMPORARY WETLAND CLEARING IMPACT		0.007
TOTAL PERMANENT WETLAND IMPACTS	0.025	
TOTAL TEMPORARY WETLAND IMPACTS		0.007

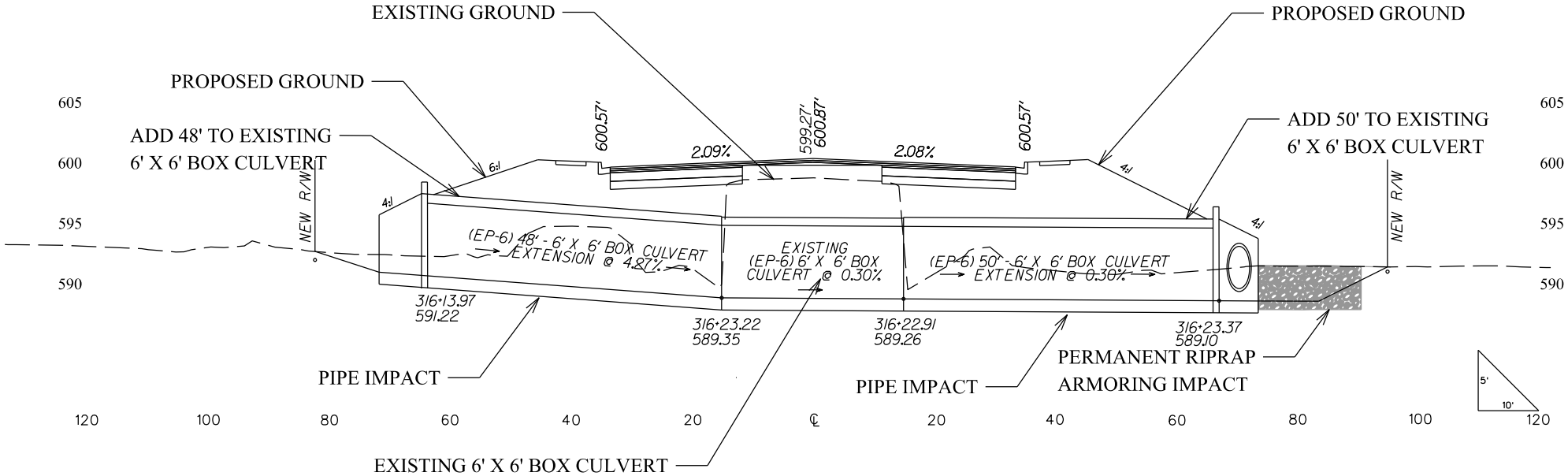
STV Incorporated
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LOCATION:	YORK COUNTY, SOUTH CAROLINA	
	YORK COUNTY PROJECTS 11149-004 & 17228-015	
	SCDOT PROJECT ID 42332 & 39235	
SHEET:	7 OF 21	DATE: Revised 12-17-2021

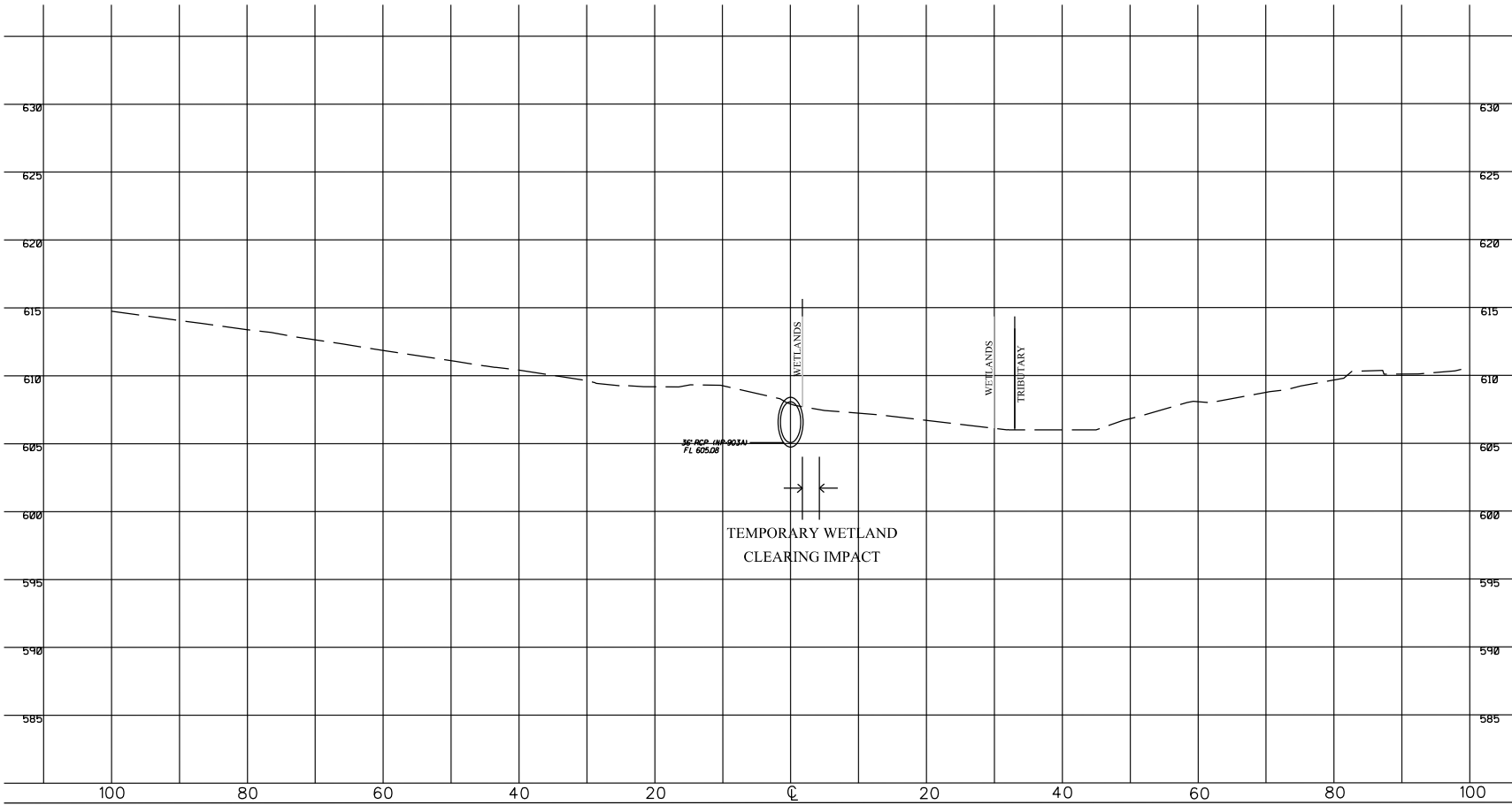
**US 21 NORTH PHASE I AND SC 51
CROSS SECTION A - STA 316+23.05**

PUBLIC NOTICE PLANS



		<p align="center">STV Incorporated 454 South Anderson Road, Suite 3, BTC 517 Rock Hill, South Carolina 29730 (803) 980-4970 fax: (803) 980-4099</p> <p align="center">Campco Engineering Inc 156 Oakland Avenue Rock Hill, South Carolina 29730 (803) 327-7121</p>	<p>APPLICANT: SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION</p>
			<p>PROJECT: US 21 NORTH PHASE I AND SC 51 & US 21 NORTH PHASE II</p>
			<p>LOCATION: YORK COUNTY, SOUTH CAROLINA</p>
			<p>YORK COUNTY PROJECTS 11149-004 & 17228-015</p>
			<p>SCDOT PROJECT ID 42332 & 39235</p>
			<p>SHEET: 8 OF 21 DATE: Revised 12-17-2021</p>

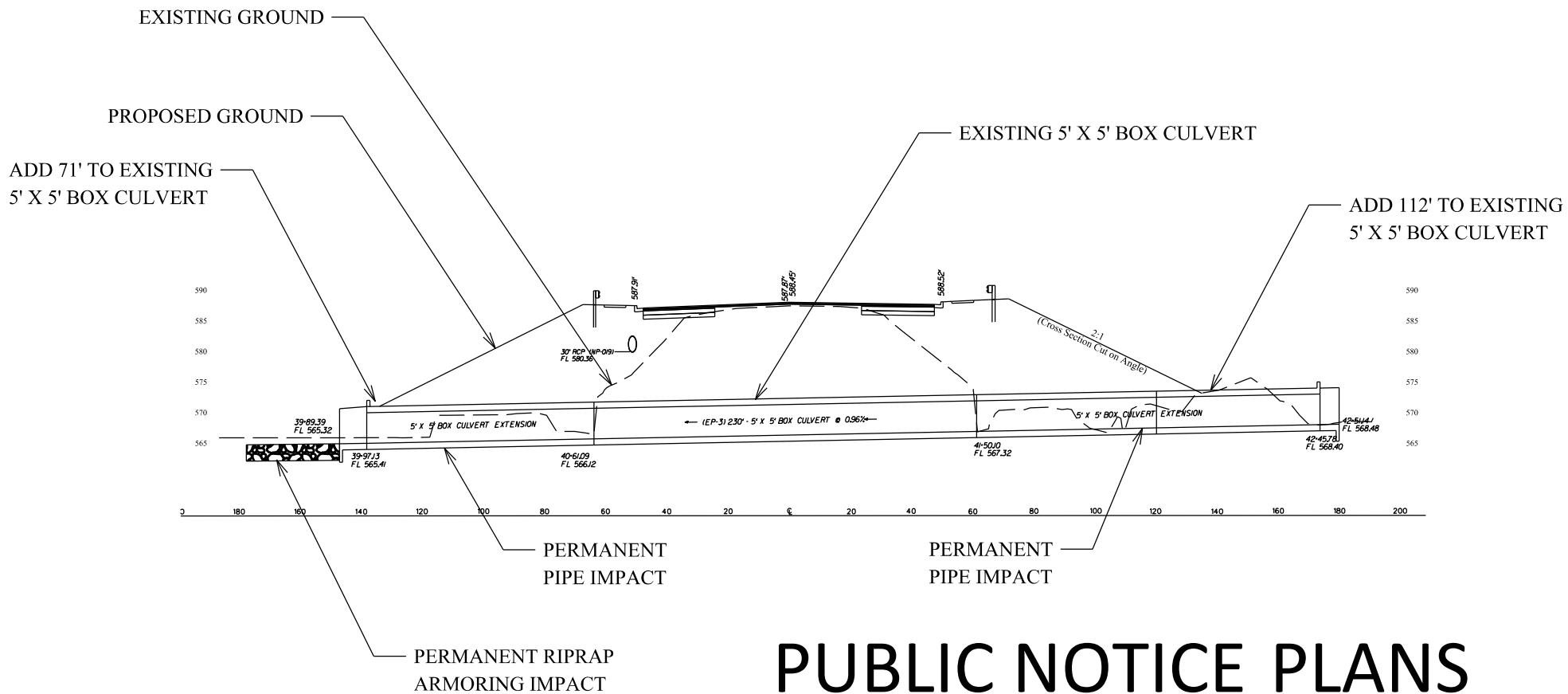
US 21 NORTH PHASE I AND SC 51 CROSS SECTION B - STA 124+7.00



PUBLIC NOTICE PLANS

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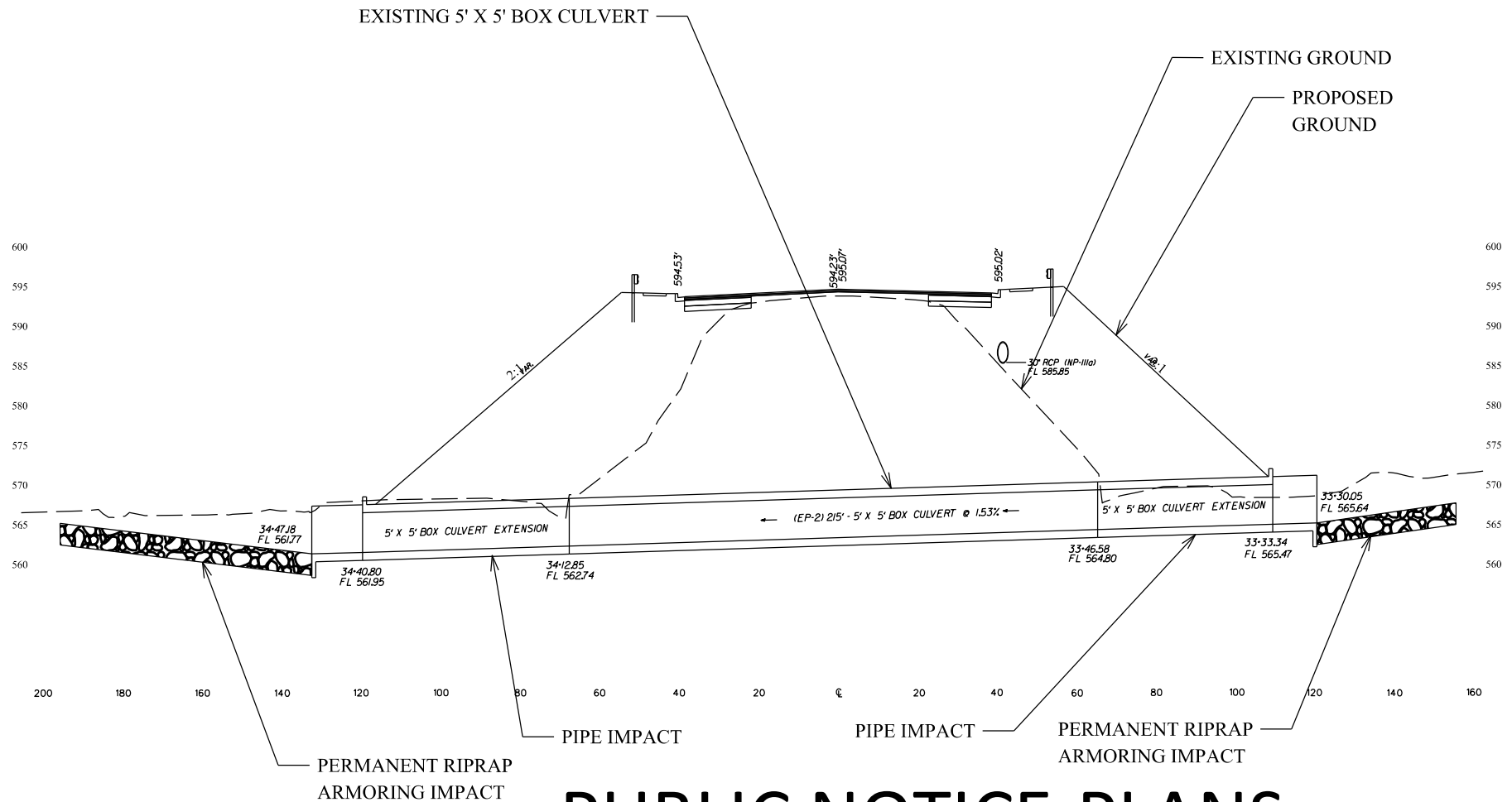
US 21 NORTH PHASE I AND SC 51 CROSS SECTION C - STA 41+06.45



PUBLIC NOTICE PLANS

		STV Incorporated 454 South Anderson Road, Suite 3, BTC 517 Rock Hill, South Carolina 29730 (803) 980-4970 fax: (803) 980-4099	APPLICANT: SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
		Campco Engineering Inc 156 Oakland Avenue Rock Hill, South Carolina 29730 (803) 327-7121	PROJECT: US 21 NORTH PHASE I AND SC 51 & US 21 NORTH PHASE II
			LOCATION: YORK COUNTY, SOUTH CAROLINA
			YORK COUNTY PROJECTS 11149-004 & 17228-015
			SCDOT PROJECT ID 42332 & 39235
			SHEET: 10 OF 21 DATE: Revised 12-17-2021

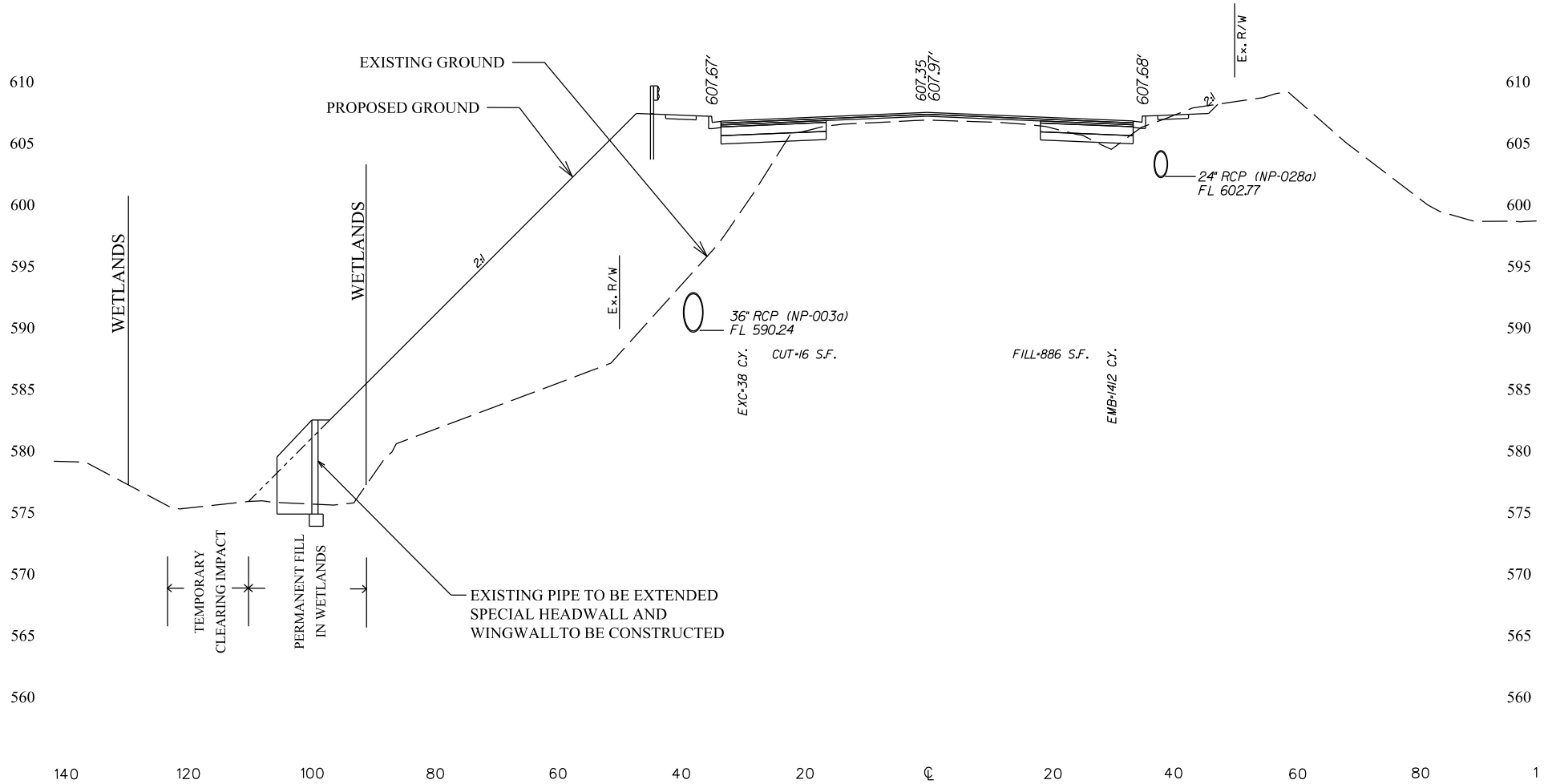
US 21 NORTH PHASE I AND SC 51 CROSS SECTION D - STA 33+79.00



PUBLIC NOTICE PLANS

		<p>STV Incorporated 454 South Anderson Road, Suite 3, BTC 517 Rock Hill, South Carolina 29730 (803) 980-4970 fax: (803) 980-4099</p> <p>Campco Engineering Inc 156 Oakland Avenue Rock Hill, South Carolina 29730 (803) 327-7121</p>	<p>APPLICANT: SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION</p> <p>PROJECT: US 21 NORTH PHASE I AND SC 51 & US 21 NORTH PHASE II</p> <p>LOCATION: YORK COUNTY, SOUTH CAROLINA</p> <p>YORK COUNTY PROJECTS 11149-004 & 17228-015</p> <p>SCDOT PROJECT ID 42332 & 39235</p> <p>SHEET: 11 OF 21 DATE: Revised 12-17-2021</p>
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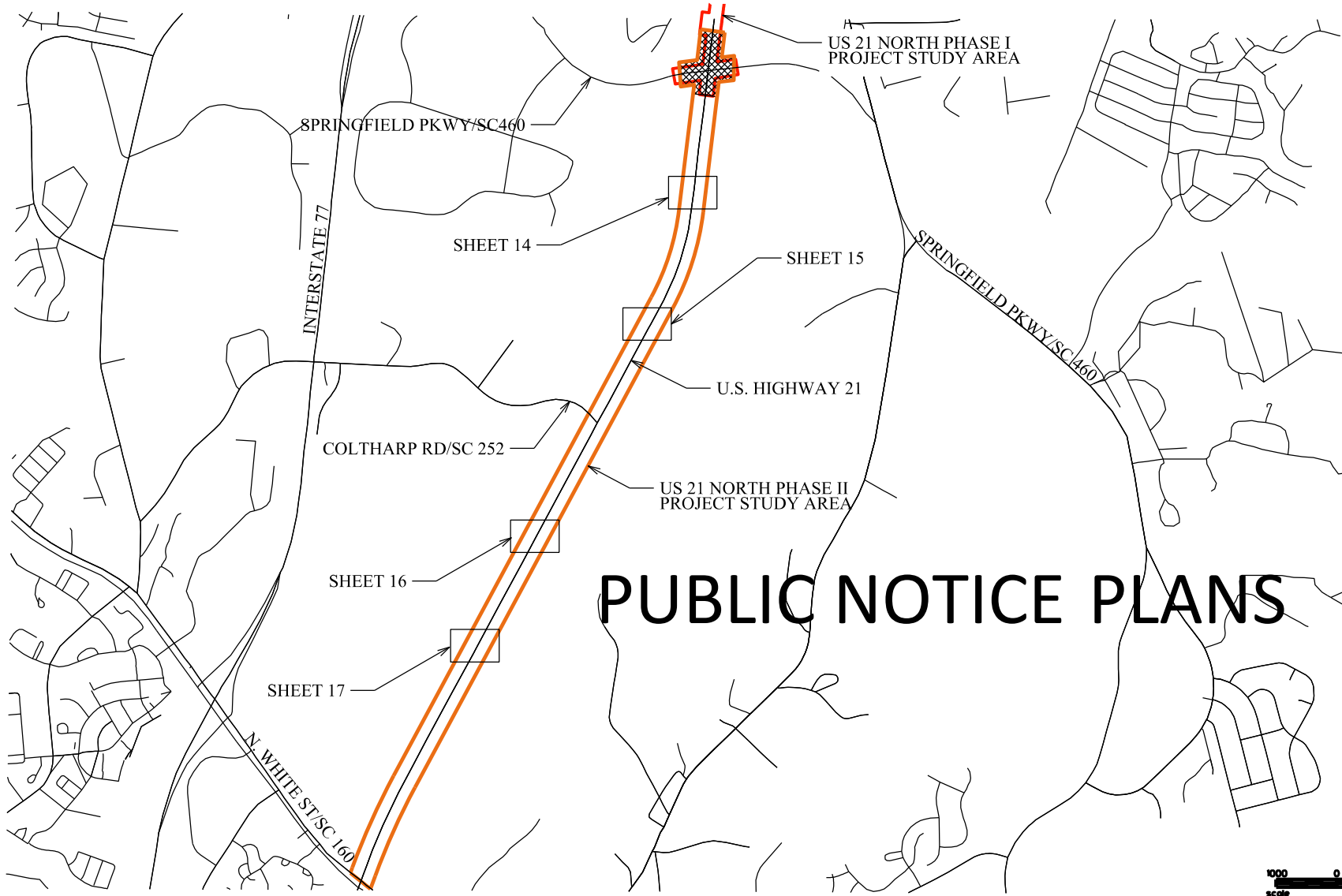
US 21 NORTH PHASE I AND SC 51 CROSS SECTION E - STA 23+00.00



PUBLIC NOTICE PLANS

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US 21 NORTH PHASE II PROJECT SEGMENT OVERVIEW



PUBLIC NOTICE PLANS

US 21 NORTH PHASE I PROJECT STUDY AREA	
US 21 NORTH PHASE II PROJECT STUDY AREA	
OVERLAP BETWEEN PHASE I & II	

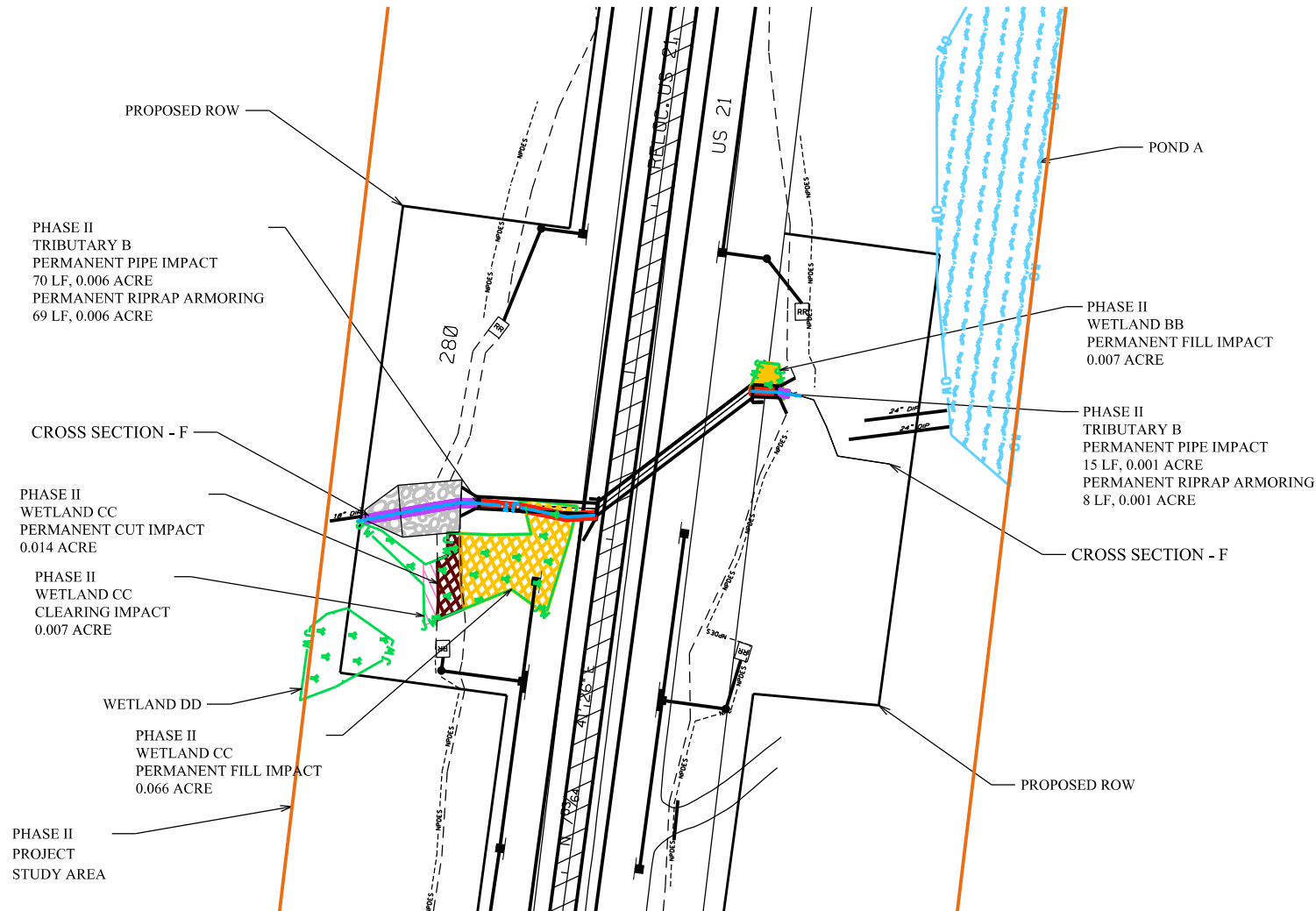
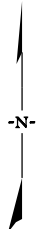
PHASE II IMPACT TOTALS	LF	ACRE
PERMANENT TRIBUTARY ARMORING IMPACT	193	0.028
PERMANENT TRIBUTARY PIPE IMPACT	550	0.082
PERMANENT WETLAND FILL IMPACT		0.631
PERMANENT WETLAND CUT IMPACT		0.147
TEMPORARY WETLAND CLEARING IMPACT		0.107
TOTAL PERMANENT TRIBUTARY IMPACTS	743	0.110
TOTAL PERMANENT WETLAND IMPACTS		0.778
TOTAL TEMPORARY WETLAND IMPACTS		0.107

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Campco Engineering Inc
 156 Oakland Avenue
 Rock Hill, South Carolina 29730
 (803) 327-7121

APPLICANT:	SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION	
PROJECT:	US 21 NORTH PHASE I AND SC 51 & US 21 NORTH PHASE II	
LOCATION:	YORK COUNTY, SOUTH CAROLINA	
	YORK COUNTY PROJECTS 11149-004 & 17228-015	
	SCDOT PROJECT ID 42332 & 39235	
SHEET:	13 OF 21	DATE: Revised 12-17-2021

US 21 NORTH PHASE II PLAN VIEW



PUBLIC NOTICE PLANS

WETLAND	
JURISDICTIONAL TRIBUTARY	
JURISDICTIONAL OPEN WATER	
RIPRAP	
PERMANENT RIPRAP ARMORING IMPACT	
PERMANENT PIPE/CULVERT IMPACT	
PERMANENT FILL IMPACT	
PERMANENT CUT IMPACT	
TEMPORARY CLEARING IMPACT	

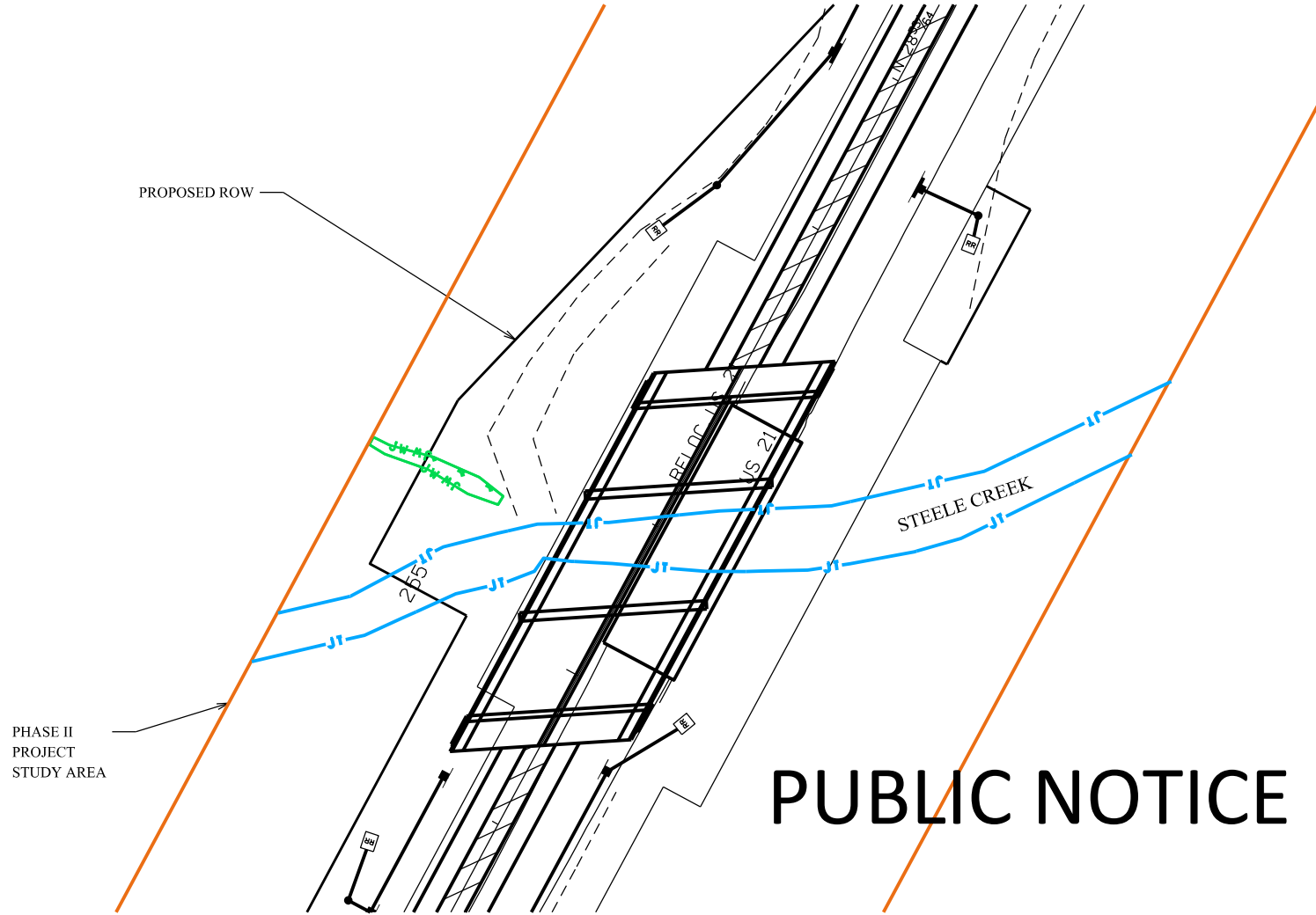
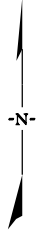
SHEET IMPACT TOTALS	LF	ACRE
PERMANENT TRIBUTARY ARMORING IMPACT	77	0.007
PERMANENT TRIBUTARY PIPE IMPACT	85	0.007
PERMANENT WETLAND FILL IMPACT		0.073
PERMANENT WETLAND CUT IMPACT		0.014
TEMPORARY WETLAND CLEARING IMPACT		0.007
TOTAL PERMANENT TRIBUTARY IMPACTS	162	0.014
TOTAL PERMANENT WETLAND IMPACTS		0.087
TOTAL TEMPORARY WETLAND IMPACTS		0.007

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SHEET:	14 OF 21	DATE: Revised 12-17-2021

US 21 NORTH PHASE II PLAN VIEW



PUBLIC NOTICE PLANS



WETLAND JURISDICTIONAL TRIBUTARY	
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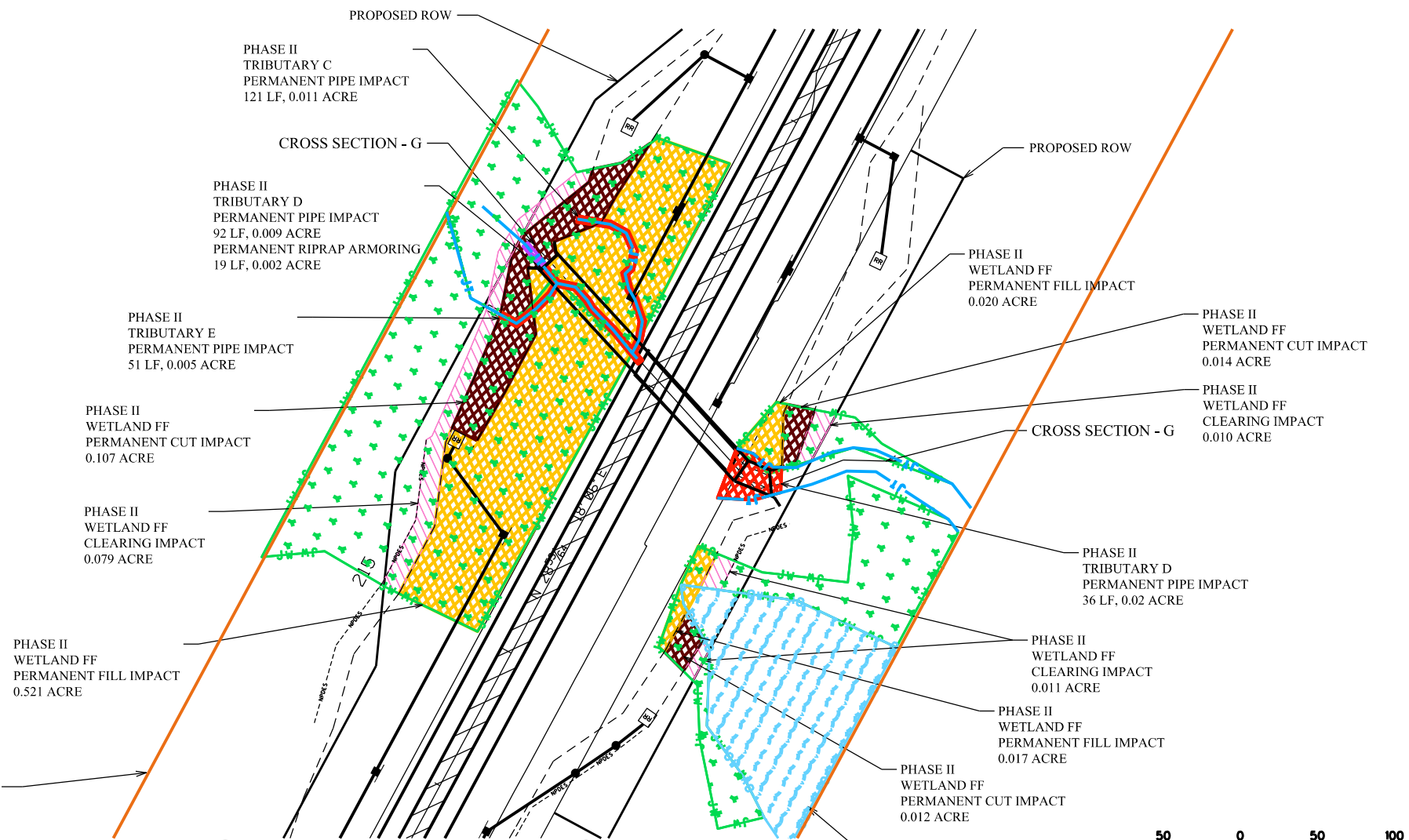
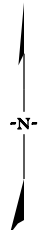
<u>SHEET IMPACT TOTALS</u>	<u>LF</u>	<u>ACRE</u>
NO IMPACTS		

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US 21 NORTH PHASE II PLAN VIEW



PUBLIC NOTICE PLANS



WETLAND	
JURISDICTIONAL TRIBUTARY	
JURISDICTIONAL OPEN WATER	
RIPRAP	
PERMANENT RIPRAP ARMORING IMPACT	
PERMANENT PIPE/CULVERT IMPACT	
PERMANENT FILL IMPACT	
PERMANENT CUT IMPACT	
TEMPORARY CLEARING IMPACT	

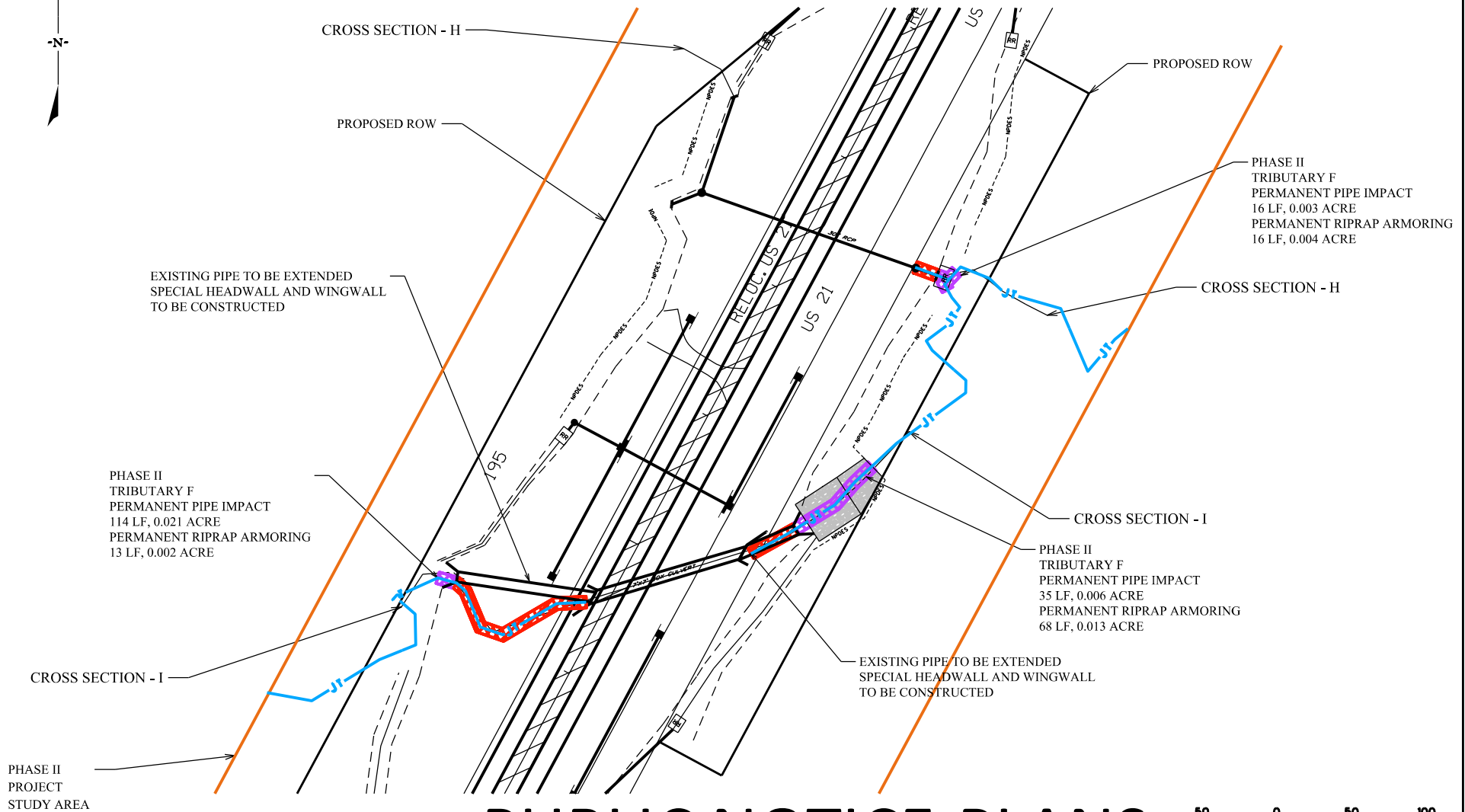
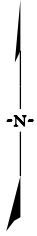
SHEET IMPACT TOTALS	LF	ACRE
PERMANENT TRIBUTARY ARMORING IMPACT	19	0.002
PERMANENT TRIBUTARY PIPE IMPACT	300	0.045
PERMANENT WETLAND FILL IMPACT	0.558	0.008
PERMANENT WETLAND CUT IMPACT	0.133	0.002
TEMPORARY WETLAND CLEARING IMPACT	0.100	0.001
TOTAL PERMANENT TRIBUTARY IMPACTS	319	0.047
TOTAL PERMANENT WETLAND IMPACTS	0.691	0.010
TOTAL TEMPORARY WETLAND IMPACTS	0.100	0.001

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APPLICANT:	SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION	
PROJECT:	US 21 NORTH PHASE I AND SC 51 & US 21 NORTH PHASE II	
LOCATION:	YORK COUNTY, SOUTH CAROLINA	
	YORK COUNTY PROJECTS 11149-004 & 17228-015	
	SCDOT PROJECT ID 42332 & 39235	
SHEET:	16 OF 21	DATE: Revised 12-17-2021

US 21 NORTH PHASE II PLAN VIEW



PUBLIC NOTICE PLANS



JURISDICTIONAL TRIBUTARY	
RIPRAP	
PERMANENT RIPRAP ARMORING IMPACT	
PERMANENT PIPE/CULVERT IMPACT	

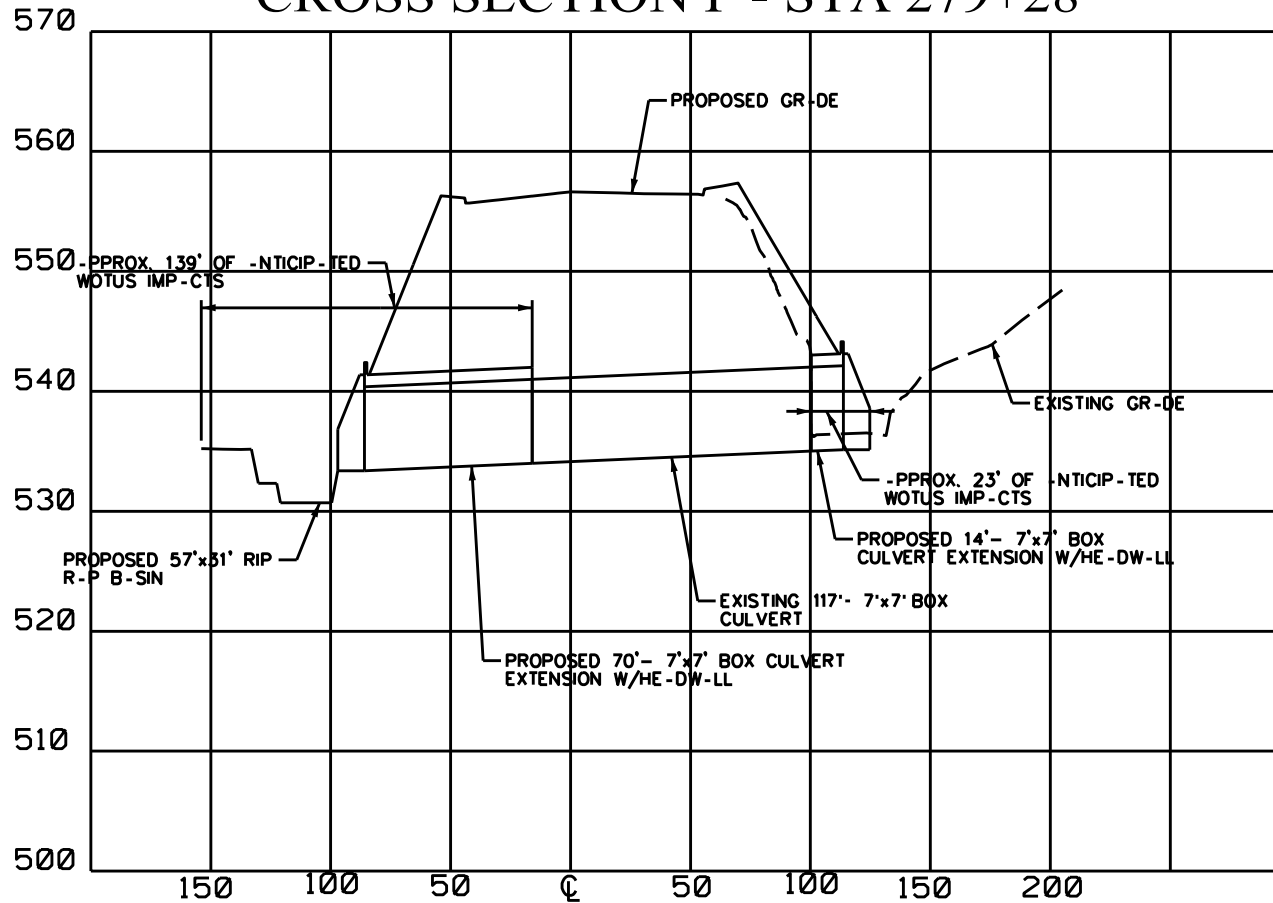
SHEET IMPACT TOTALS		LF	ACRE
PERMANENT TRIBUTARY ARMORING IMPACT		97	0.019
PERMANENT TRIBUTARY PIPE IMPACT		165	0.030
TOTAL PERMANENT TRIBUTARY IMPACTS		262	0.049

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SHEET:	17 OF 21	DATE: Revised 12-17-2021

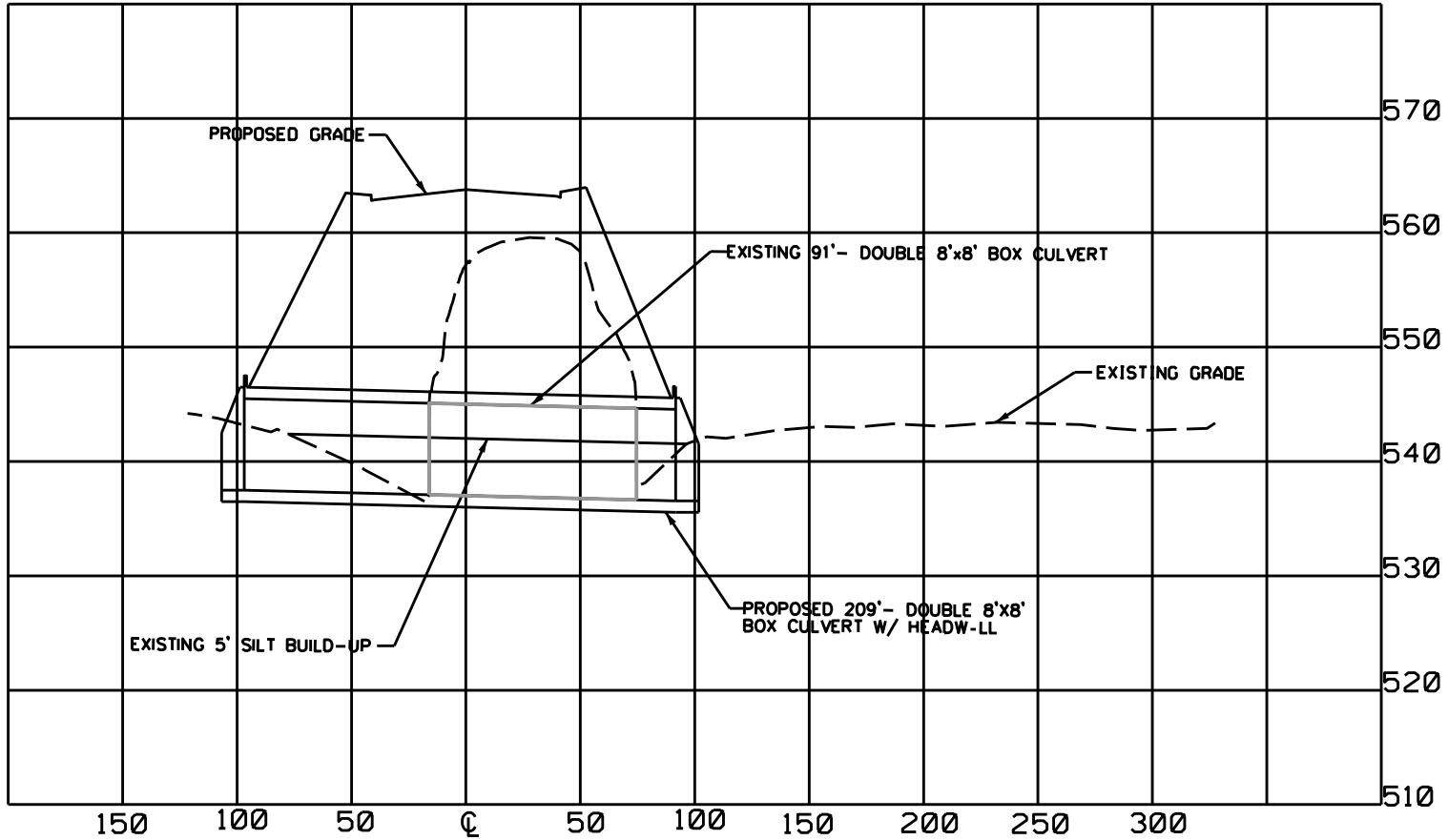
US 21 NORTH PHASE II CROSS SECTION F - STA 279+28



PUBLIC NOTICE PLANS

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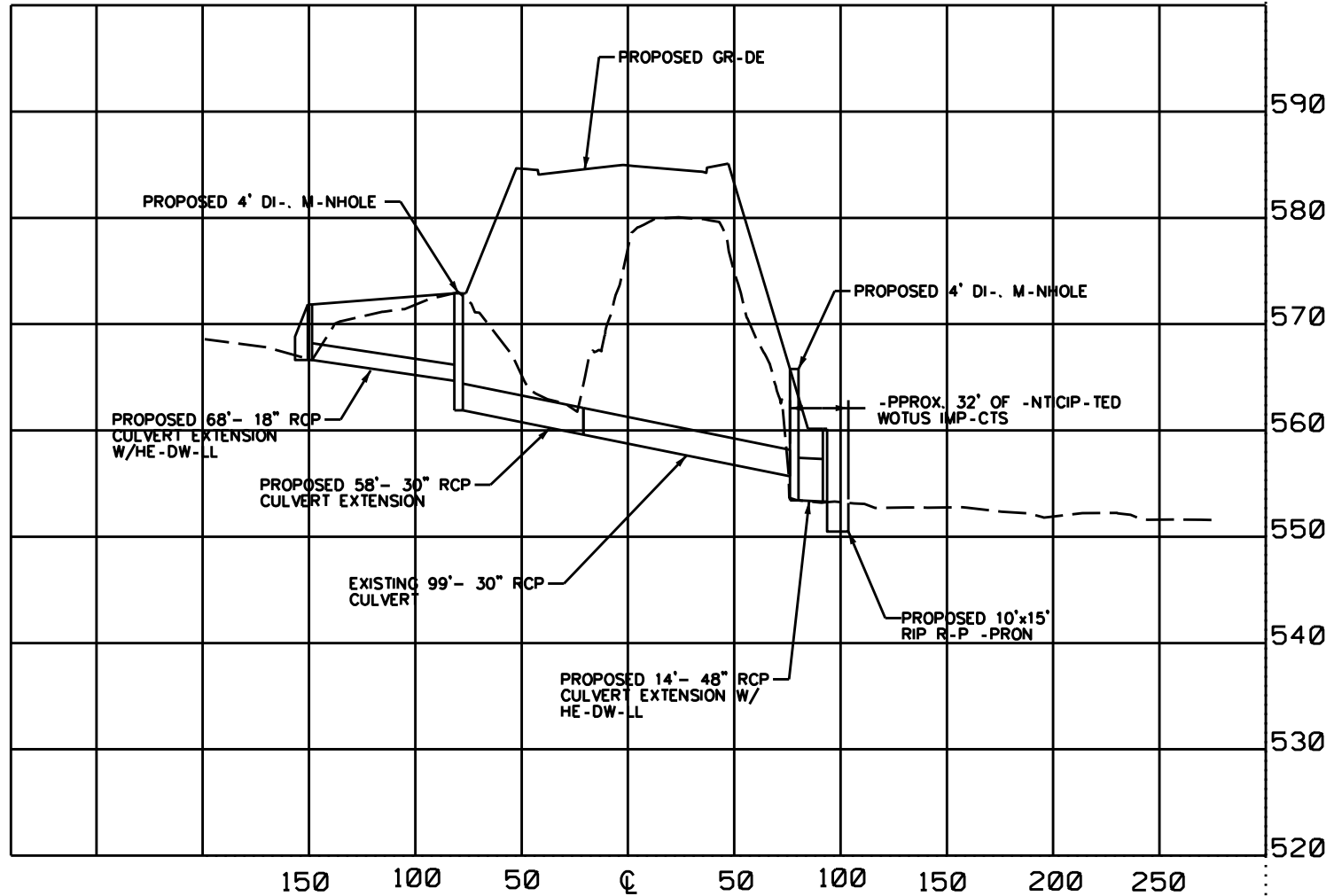
US 21 NORTH PHASE II CROSS SECTION G - STA 217+06



PUBLIC NOTICE PLANS

		<p>STV Incorporated 454 South Anderson Road, Suite 3, BTC 517 Rock Hill, South Carolina 29730 (803) 980-4970 fax: (803) 980-4099</p> <p>Campco Engineering Inc 156 Oakland Avenue Rock Hill, South Carolina 29730 (803) 327-7121</p>	<p>APPLICANT: SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION</p> <p>PROJECT: US 21 NORTH PHASE I AND SC 51 & US 21 NORTH PHASE II</p> <p>LOCATION: YORK COUNTY, SOUTH CAROLINA</p> <p>YORK COUNTY PROJECTS 11149-004 & 17228-015</p> <p>SCDOT PROJECT ID 42332 & 39235</p> <p>SHEET: 19 OF 21 DATE: Revised 12-17-2021</p>
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US 21 NORTH PHASE II CROSS SECTION H - STA 197+46



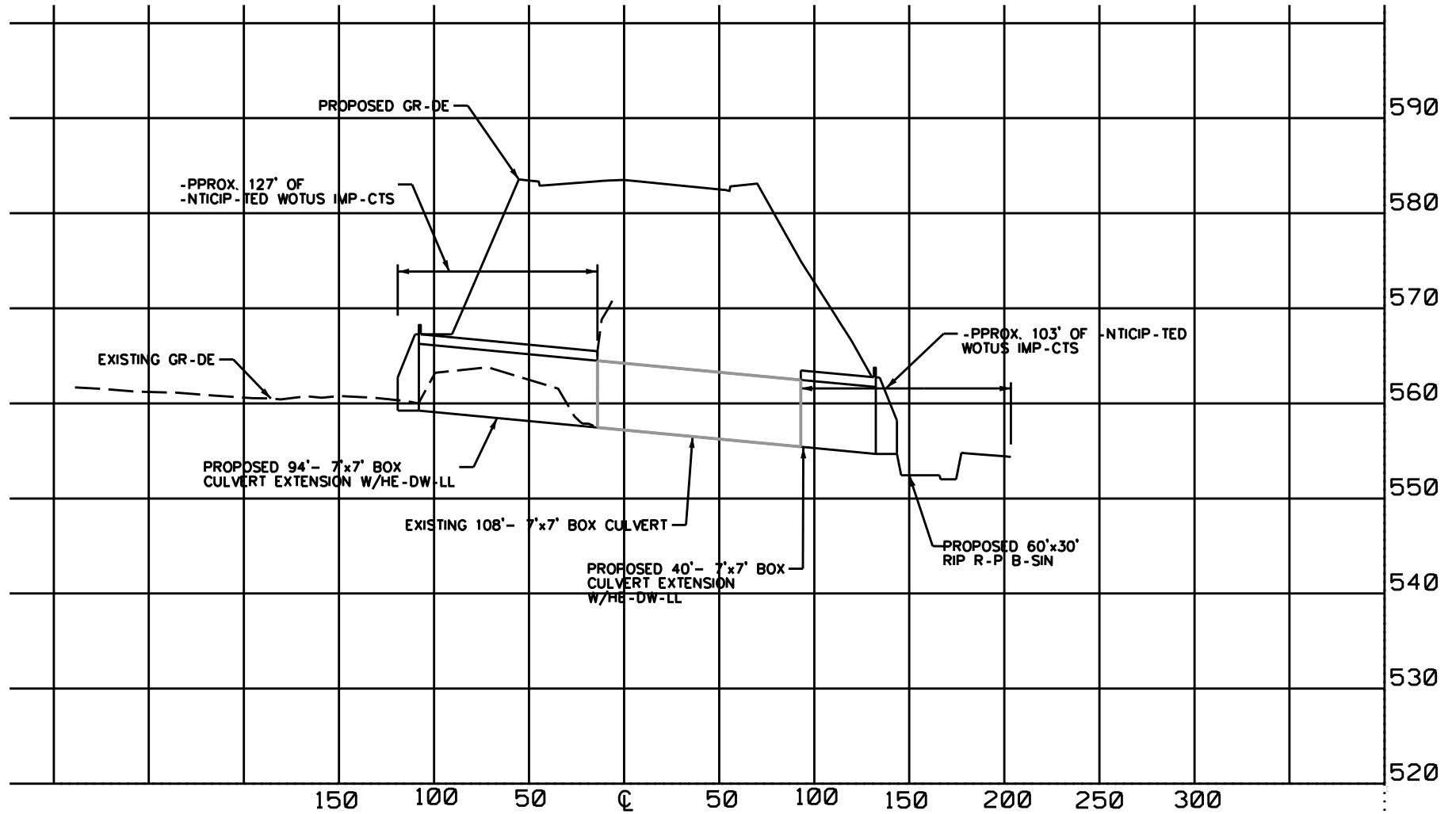
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US 21 NORTH PHASE II CROSS SECTION I - STA 194+87



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