



DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, CHARLESTON DISTRICT
69A HAGOOD AVENUE
CHARLESTON, SC 29403-5107

August 4, 2022

Regulatory Division

Mr. Sean Connolly
South Carolina Department of Transportation (SCDOT)
P.O. Box 191
Columbia, South Carolina 29202
ConnollyMS@scdot.org

Dear Mr. Connolly:

**PLEASE READ THIS LETTER CAREFULLY AND
COMPLY WITH ITS PROVISIONS**

This is in response to your May 4, 2022, request of a modification of the work authorized by Department of the Army (DA) permit (SAC-2015-01080) to SCDOT Carolina Crossroads (I-20/I-26/I-126) Interchange Improvements (SCDOT PIN 27662) in Lexington & Richland Counties. This specific modification (Phase I and Phase II, project modification 2) to the project includes detailed Hydrology & Hydraulic analysis, details related to temporary impacts to Saluda River and a mitigation plan for the relocation of Tributary 39.

The project is located within Phase I and Phase II of the Carolina Crossroads project. Phase I of the Carolina Crossroads project includes segments of I-26 south of the I-26 fly-over of I-126, crosses the Saluda River and continues along I-126 from the I-26 fly-over of I-126 to a location on I-126 east of the Colonial Life Boulevard ramps on I-126 in Lexington and Richland Counties. Phase II of the Carolina Crossroads project includes a segment of I-20 northeast of the I-20 & I-26 interchange, includes the I-20 and Broad River Road Interchange, and continues to the east along I-20 to a location just west of the existing I-20 Bridge across the Broad River in Richland County.

Your request for a modification is granted, and the work must be completed prior to the current permit expiration date of September 30, 2035. The authorized modification is shown on the attached drawings, Sheets 1-78 of 78 stamped Modified Plans entitled "Carolina Crossroads Project ID No. P027662 Richland County, SC Lexington County, SC Application by SCDOT" revised April 1, 2022. Modifications to the previously authorized permit include three separate utility crossings within Phase I as approved on April 25, 2022. The modified Special Conditions (continuation of the Special Conditions in existing permit) now states:

- I. That the permittee will implement the following steps related to the temporary construction access across Saluda River:

1. That the Permittee shall utilize clean, non-erodible materials for the construction of the gabion baskets that are free of potential sources of pollution to protect the water quality of the Saluda River.
 2. That all rock for the temporary gabion baskets will be properly sized and placed along with the floating barges in a manner to resist being washed away during a high flow and/or overtopping event. In the event that the gabion baskets and/or barges are washed away from the construction site, the permittee shall notify the Corps of this occurrence by the close of the next business day of the event. In addition, if temporary structures are washed from the construction sites during an event, the permittee shall provide the Corps a written plan that will include details related to the access and retrieval actions necessary to ensure that all gabion baskets and barges are removed from the Saluda River.
 3. That the permittee shall submit in writing a notification to the Corps when gabion baskets are placed (including dated and location and quantity) and identify the specific date (no later than 180 days from initial placement of gabion baskets) that the gabion baskets will be removed from the Saluda River.
 4. Following the removal of all gabion baskets and floating barges, the stream banks that were utilized for access to these temporary structures, will be restored to an appropriate slope for stability and stabilized. In areas where vegetation was removed, the permittee will include supplemental seeding of herbaceous vegetation and/or planting of woody vegetation.
 5. The permittee shall provide a brief report, within 30 days of the removal of all material from the Saluda River to include photographs verifying the complete restoration of the areas within the Saluda River where the gabion baskets and barges were placed and to document stabilization activities of the stream banks where these barges were placed.
- m.** That as compensatory mitigation for impacts to aquatic resources, the permittee will implement and fully comply with the "Tributary 39-Mitigation Plan SAC 2015-01080 Carolina Crossroads Project Richland and Lexington Counties" dated April 22, 2022. Your responsibility to complete the Plan as set forth in this Special Condition will not be considered fulfilled until you have demonstrated mitigation success and have received written verification from the U.S. Army Corps of Engineers (Corps).

- n. In order to ensure there are no adverse impacts to aquatic resources (Tributary 39), the permittee shall utilize the following during construction sequencing:
1. Construct and stabilize the new channel in the upland area as designated on revised permitted plan sheets 64-67 of 78 and 75A-75B of 78, entitled "Carolina Crossroads project ID No. P027662 Richland County, SC Lexington County, SC" revised April 1, 2022, prior to re-directing flow into the newly constructed channel. Once flow is established within the stabilized, reconstructed channel, the commencement of placement of fill in the abandoned segment of Tributary 39 (unnamed tributary to Broad River) may occur.
 2. Appropriate measures must be taken to maintain normal downstream flows and minimize flooding to the maximum extent practicable, when temporary structures, work, and discharges, including cofferdams, are necessary for construction activities, access fills, or dewatering of construction sites. Temporary fills must consist of materials, and be placed in a manner, that will not be eroded by expected high flows. Temporary fills must be removed in their entirety and the affected areas returned to preconstruction elevations. The areas affected by temporary fills must be revegetated, as appropriate.
 3. The permittee must notify the Corps immediately if there are any additional adverse impacts to the waters of the U.S. resulting from the relocation of Tributary 39 (unnamed tributary to Broad River). Corrective measures may be required to stabilize and/or restore affected areas.

This letter and the referenced modified drawings must be attached to your copy of the signed permit. This permit was issued under provision of Federal laws for the protection and preservation of the navigable waters of the United States. In accordance with these laws, once a DA Permit authorizing the proposed work is issued,

**IT SHALL NOT BE LAWFUL TO DEVIATE FROM SUCH PLANS EITHER
BEFORE OR AFTER COMPLETION OF THE WORK,**

unless modification of said plans has previously been submitted to and received the approval of the Department of the Army. **All other conditions to which the work is made subject remain in full force and effect.** Note also that this work appears subject to the jurisdiction of the South Carolina Department of Health and Environmental Control, and you should contact that agency to ascertain their requirements.

In all future correspondence, please refer to file number SAC-2015-01080. If you have any questions, please contact Stephen A. Brumagin, Project Manager, at (803) 253-3445, or by email at Stephen.A.Brumagin@usace.army.mil.

FOR THE DISTRICT ENGINEER:

Sincerely,



Amanda L. Heath
Chief, Special Projects Branch

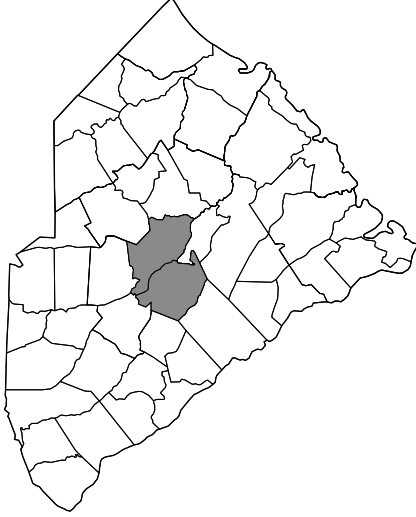
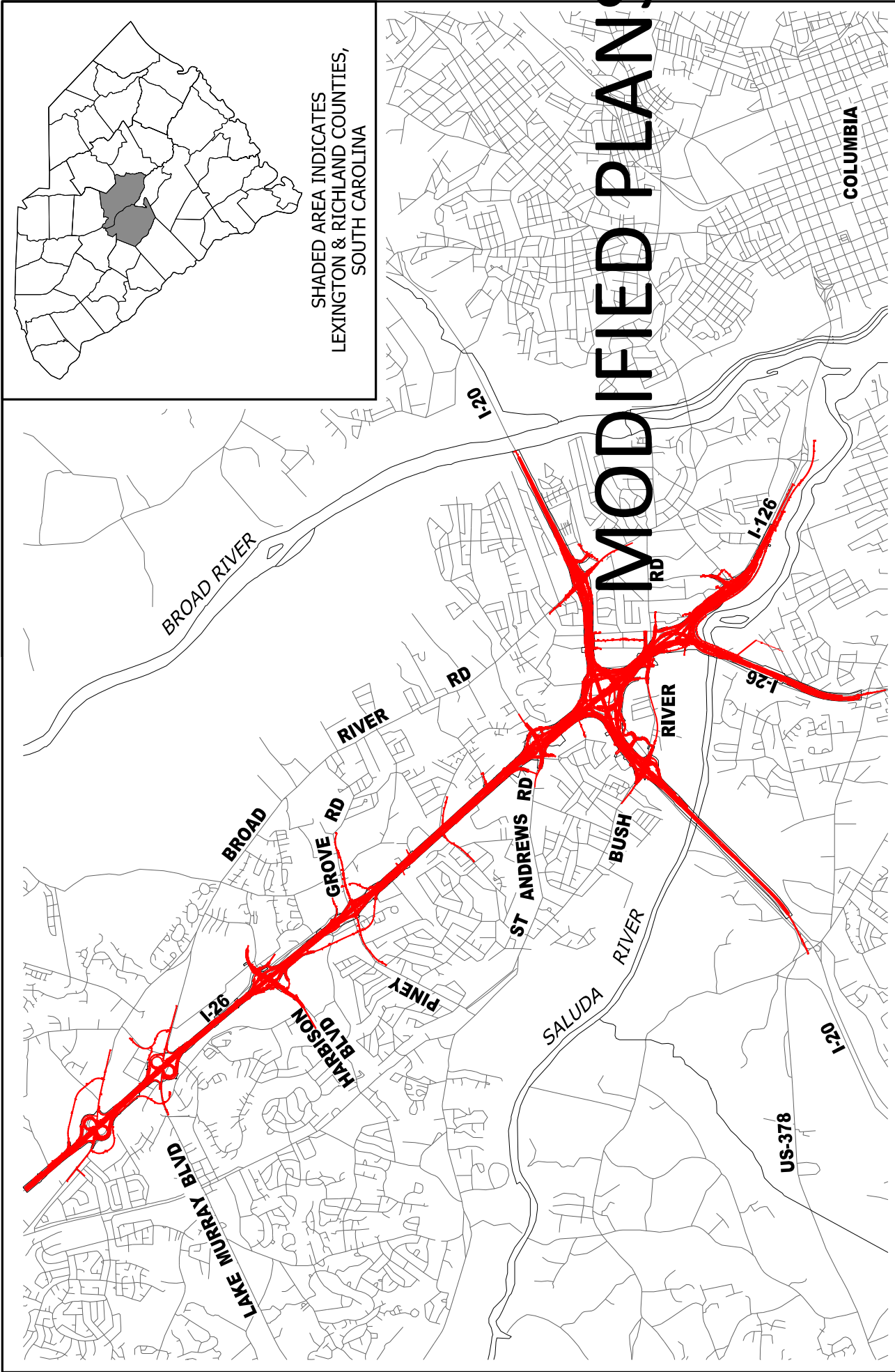
Attachments

Modified Drawings
Notification of Appeal Options
Issued 401WQC

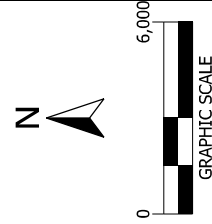
Copies Furnished:

Mr. Will McGoldrick
South Carolina Department of Transportation
P.O. Box 191
Columbia, South Carolina 29202
McGoldriWR@scdot.org

SCDHEC – Bureau of Water
2600 Bull Street
Columbia, South Carolina 29201
WQCWetlands@dhec.sc.gov



SHADED AREA INDICATES
LEXINGTON & RICHLAND COUNTIES,
SOUTH CAROLINA

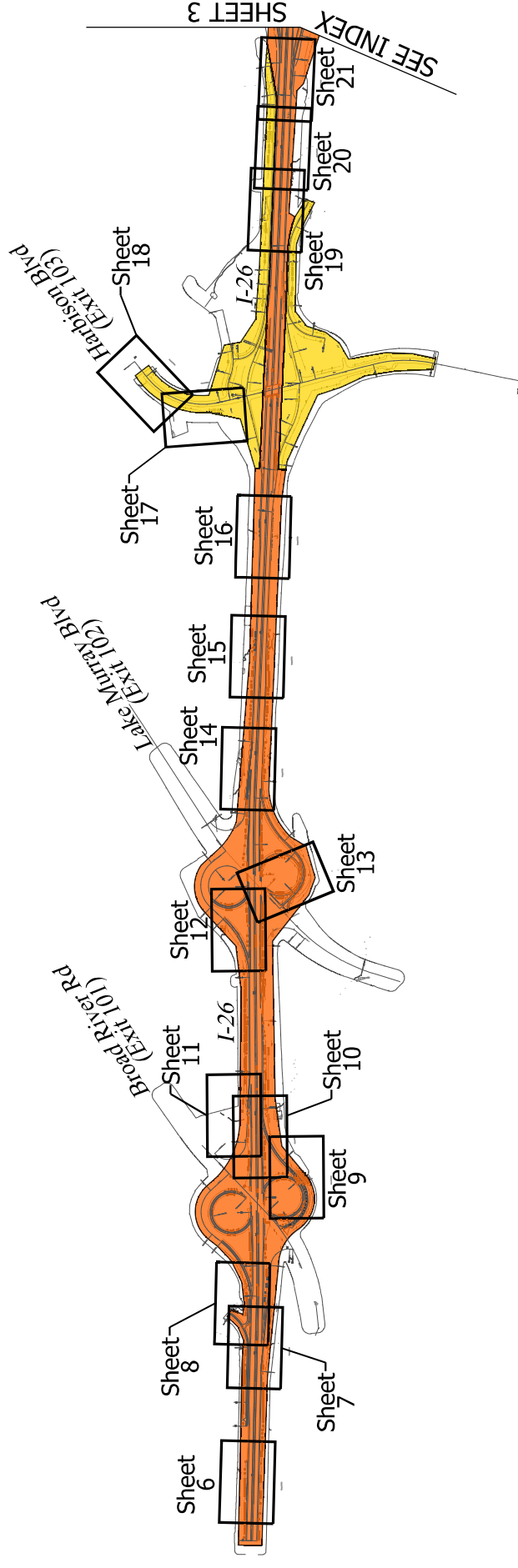


CAROLINA CROSSROADS
PROJECT ID NO. P027662
RICHLAND COUNTY, SC
LEXINGTON COUNTY, SC
APPLICATION BY SCDOT
REVISED APRIL 1, 2022



VICINITY MAP

SHEET 1 OF 78









MODIFIED PLANS

CAROLINA CROSSROADS
PROJECT ID NO. P027662
RICHLAND COUNTY, SC
LEXINGTON COUNTY, SC
APPLICATION BY SCDOT
REVISED APRIL 1, 2022

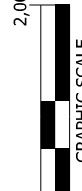
LEGEND

PROPOSED CONSTRUCTION PHASING AS OF OCT 2019 - SUBJECT TO CHANGE

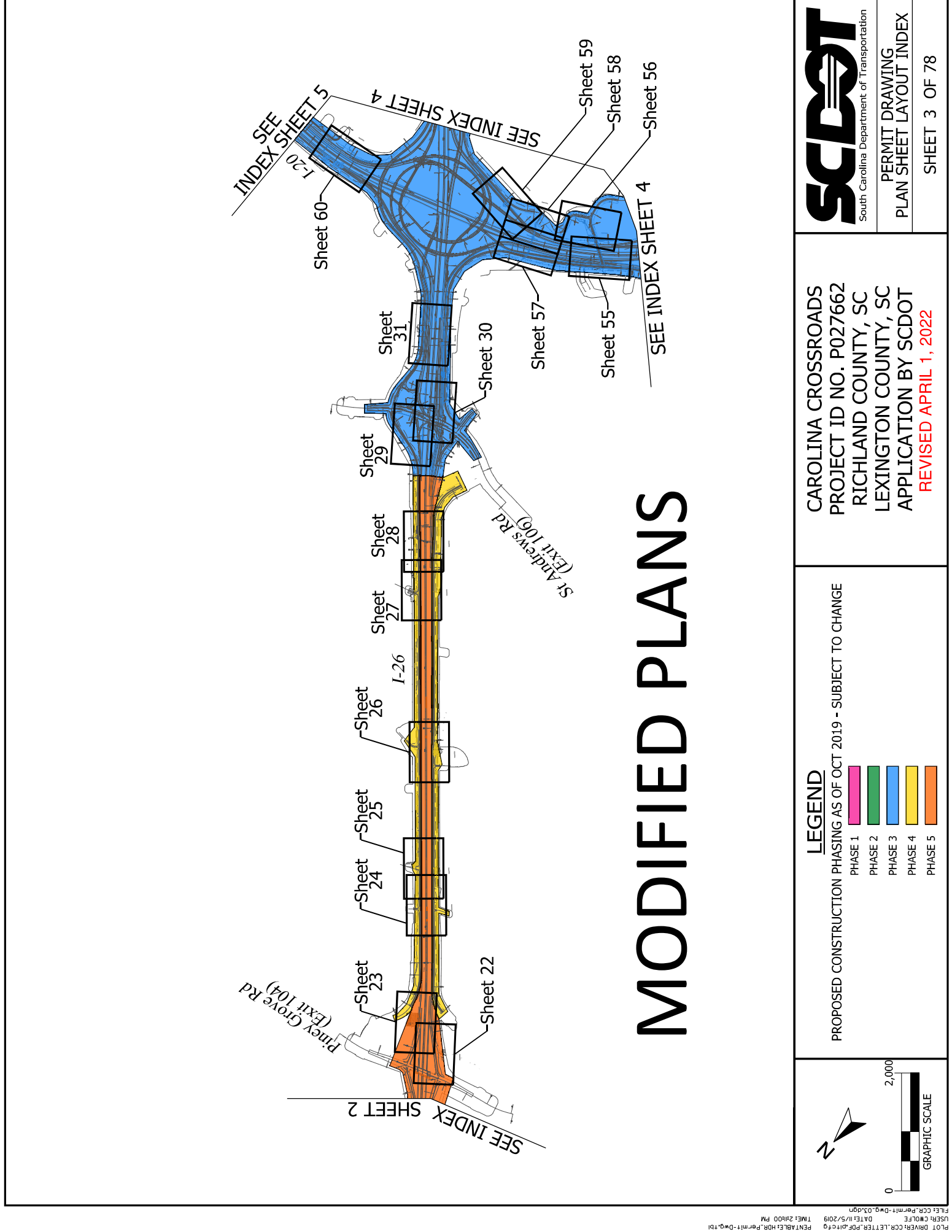
PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5
				



2,000



GRAPHIC SCALE



MODIFIED PLANS



South Carolina Department of Transportation

PERMIT DRAWING






PLAN SHEET LAYOUT INDEX


SHEET 3 OF 78

CAROLINA CROSSROADS
PROJECT ID NO. P027662
RICHLAND COUNTY, SC
LEXINGTON COUNTY, SC
APPLICATION BY SCDOT
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LEGEND

PROPOSED CONSTRUCTION PHASING AS OF OCT 2019 - SUBJECT TO CHANGE

PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5
				



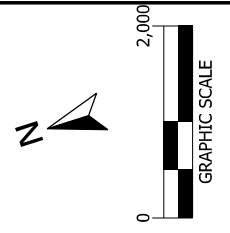
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GRAPHIC SCALE



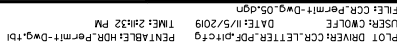
MODIFIED PLANS



- LEGEND**
- PHASE 1 (Pink)
 - PHASE 2 (Green)
 - PHASE 3 (Blue)
 - PHASE 4 (Yellow)
 - PHASE 5 (Orange)

PROPOSED CONSTRUCTION PHASING AS OF OCT 2019 - SUBJECT TO CHANGE

CAROLINA CROSSROADS
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 RICHLAND COUNTY, SC
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PROPOSED CONSTRUCTION PHASING AS OF OCT 2019 - SUBJECT TO CHANGE

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CAROLINA CROSSROADS
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LEXINGTON COUNTY, SC
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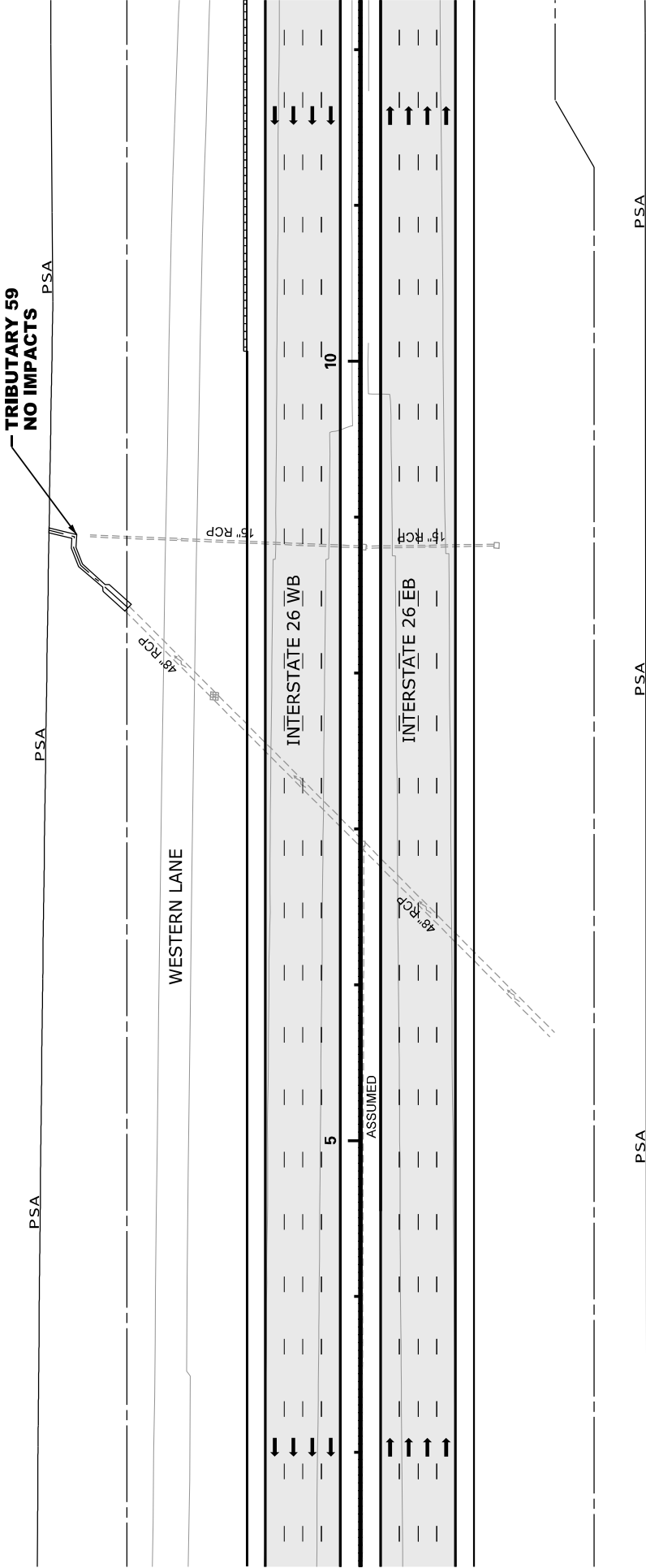
PERMIT DRAWING
PLAN SHEET LAYOUT INDEX

SHEET 5 OF 78

WETLAND CLEARING IMPACTS = 0 SF (0.00 AC)
WETLAND FILL IMPACTS = 0 SF (0.00 AC)

IMPACTS THIS SHEET

STREAM IMPACTS = 0 LF (0 SF) (0.00 AC)
STREAM RELOCATIONS = 0 LF (0 SF) (0.00 AC)
EXCAVATION IMPACTS = 0 SF (0.00 AC)



MODIFIED PLANS

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SCDOT

South Carolina Department of Transportation

TRIBUTARY 59

SHEET 6 OF 78

LEGEND

EXCAVATION IMPACT

WETLAND

PROPOSED PAVEMENT

IMPACTED STREAM

PERMANENT FILL IMPACT

CLEARING IMPACT

RELOCATED DITCH

PERMIT BOUNDARY

PROJECT STUDY AREA

PSA

PROP MEDIAN BARRIER WALL

EXISTING ROAD

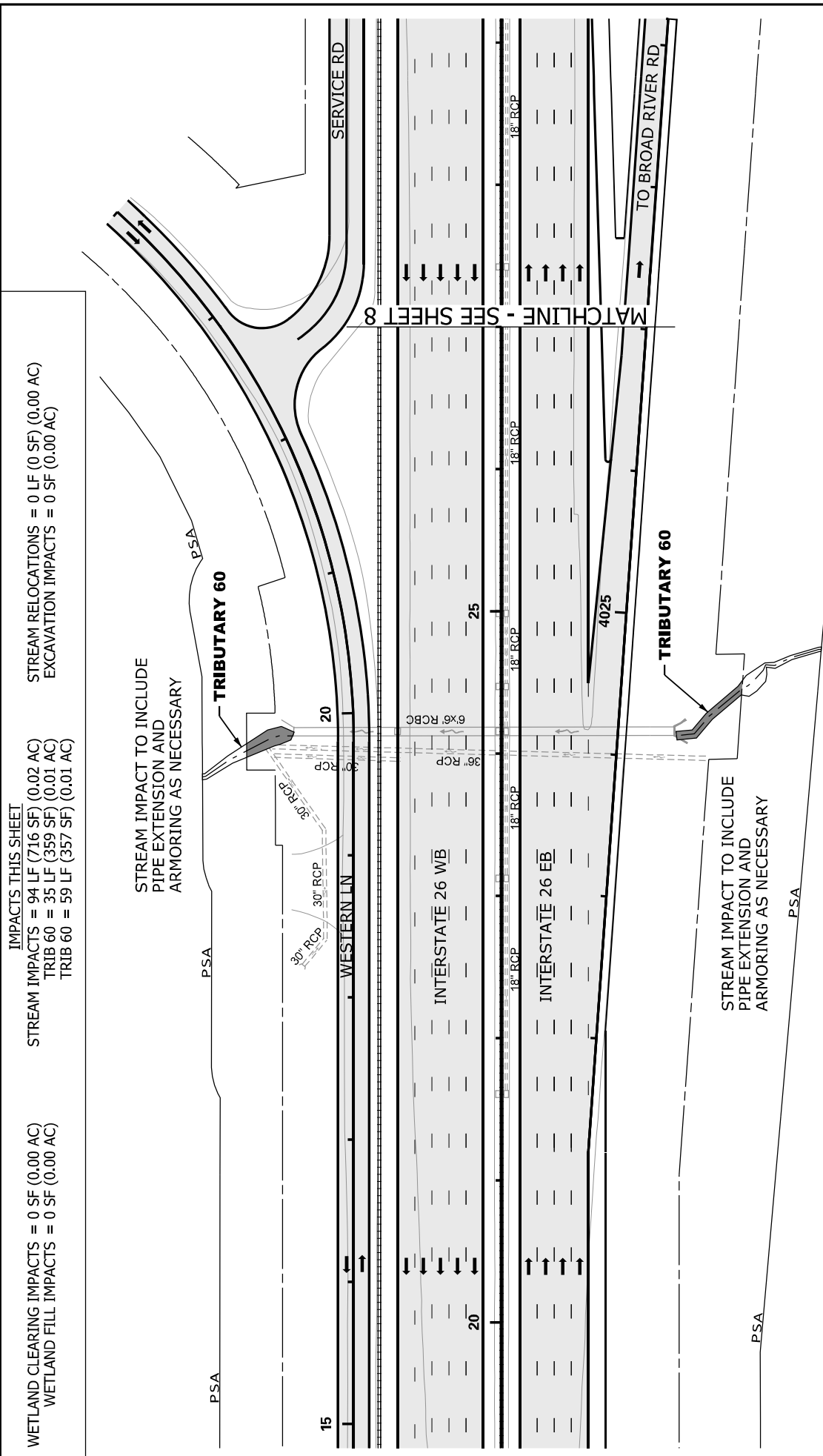
EXISTING RAILROAD

0 100

GRAPHIC SCALE

0 100

GRAPHIC SCALE



MODIFIED PLANS

PSA

PSA

PSA

PSA

WETLAND CLEARING IMPACTS = 0 SF (0.00 AC)
WETLAND FILL IMPACTS = 0 SF (0.00 AC)

STREAM IMPACTS = 94 LF (716 SF) (0.02 AC)
TRIB 60 = 35 LF (359 SF) (0.01 AC)
TRIB 60 = 59 LF (357 SF) (0.01 AC)

STREAM RELOCATIONS = 0 LF (0 SF) (0.00 AC)
EXCAVATION IMPACTS = 0 SF (0.00 AC)

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TRIBUTARY 60

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GRAPHIC SCALE

LEGEND

	EXCAVATION IMPACT		IMPACTED STREAM
	WETLAND		PERMANENT FILL IMPACT
	PROPOSED PAVEMENT		CLEARING IMPACT
			RELOCATED DITCH

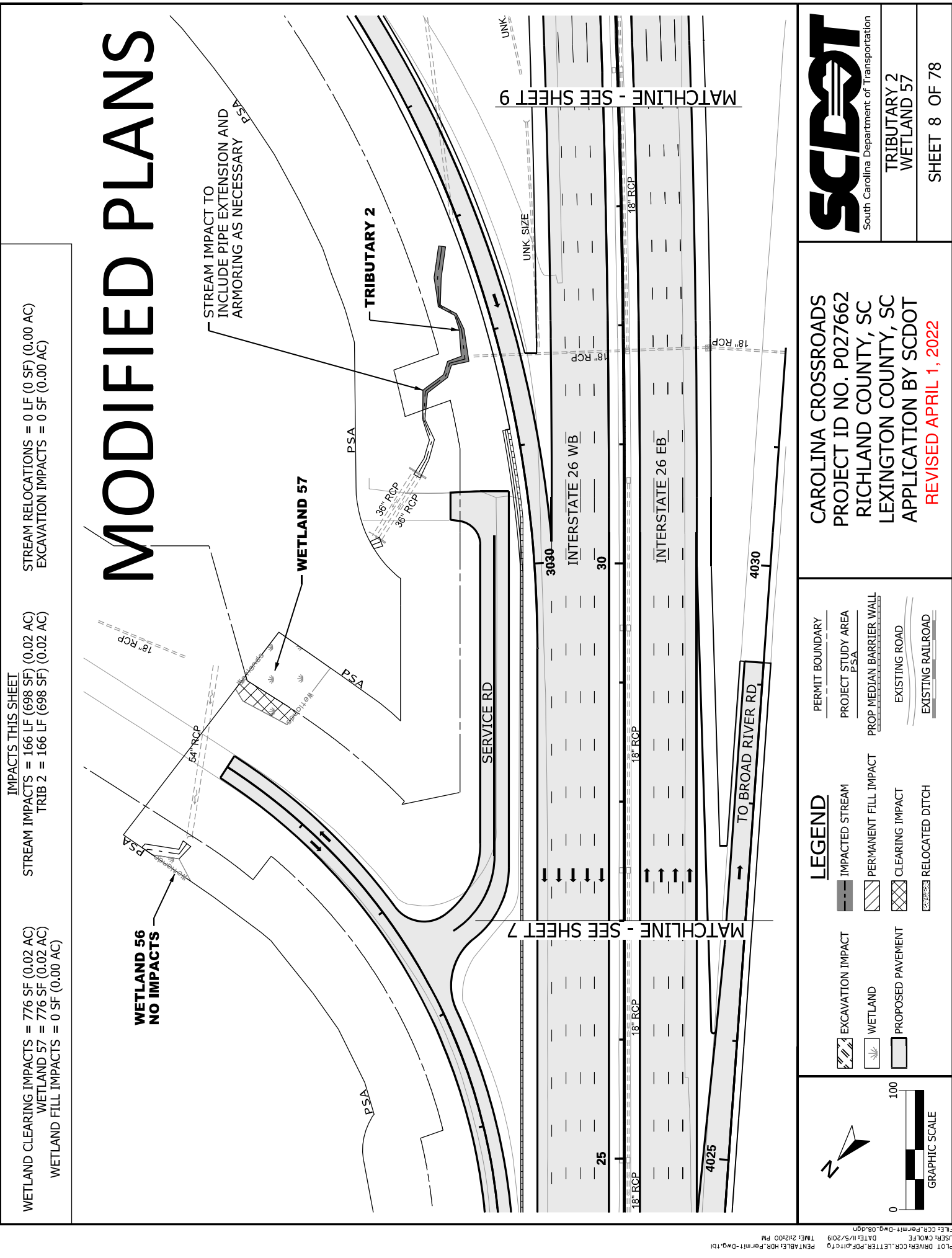
PERMIT BOUNDARY

PROJECT STUDY AREA
PSA

PROP MEDIAN BARRIER WALL

EXISTING ROAD

EXISTING RAILROAD



WETLAND CLEARING IMPACTS = 776 SF (0.02 AC)
WETLAND 57 = 776 SF (0.02 AC)
WETLAND FILL IMPACTS = 0 SF (0.00 AC)

IMPACTS THIS SHEET

STREAM IMPACTS = 166 LF (698 SF) (0.02 AC)
TRIB 2 = 166 LF (698 SF) (0.02 AC)

STREAM RELOCATIONS = 0 LF (0 SF) (0.00 AC)
EXCAVATION IMPACTS = 0 SF (0.00 AC)

MODIFIED PLANS

GRAPHIC SCALE

LEGEND

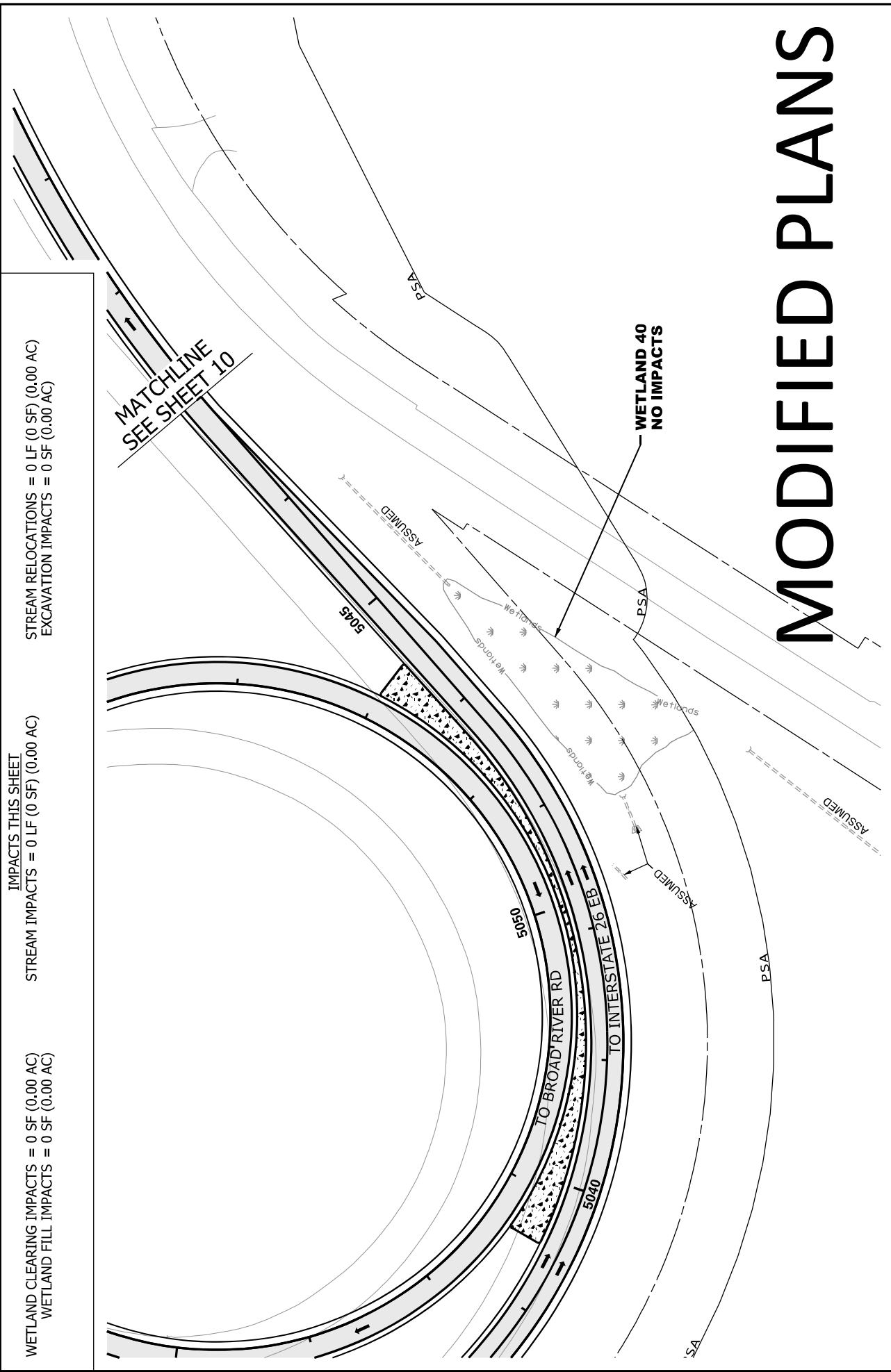
	EXCAVATION IMPACT		PERMIT BOUNDARY
	WETLAND		PROJECT STUDY AREA
	PROPOSED PAVEMENT		PROP MEDIAN BARRIER WALL
			EXISTING ROAD
			EXISTING RAILROAD
			RELOCATED DITCH

SCDOT
South Carolina Department of Transportation

CAROLINA CROSSROADS
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TRIBUTARY 2
WETLAND 57

SHEET 8 OF 78



MODIFIED PLANS

STREAM RELOCATIONS = 0 LF (0 SF) (0.00 AC)
EXCAVATION IMPACTS = 0 SF (0.00 AC)

IMPACTS THIS SHEET
STREAM IMPACTS = 0 LF (0 SF) (0.00 AC)

WETLAND CLEARING IMPACTS = 0 SF (0.00 AC)
WETLAND FILL IMPACTS = 0 SF (0.00 AC)



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WETLAND 40

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CAROLINA CROSSROADS
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PERMIT BOUNDARY

PROJECT STUDY AREA
PSA

PROP MEDIAN BARRIER WALL

EXISTING ROAD

EXISTING RAILROAD

LEGEND

EXCAVATION IMPACT

WETLAND


PROPOSED PAVEMENT

IMPACTED STREAM

PERMANENT FILL IMPACT

CLEARING IMPACT

RELOCATED DITCH

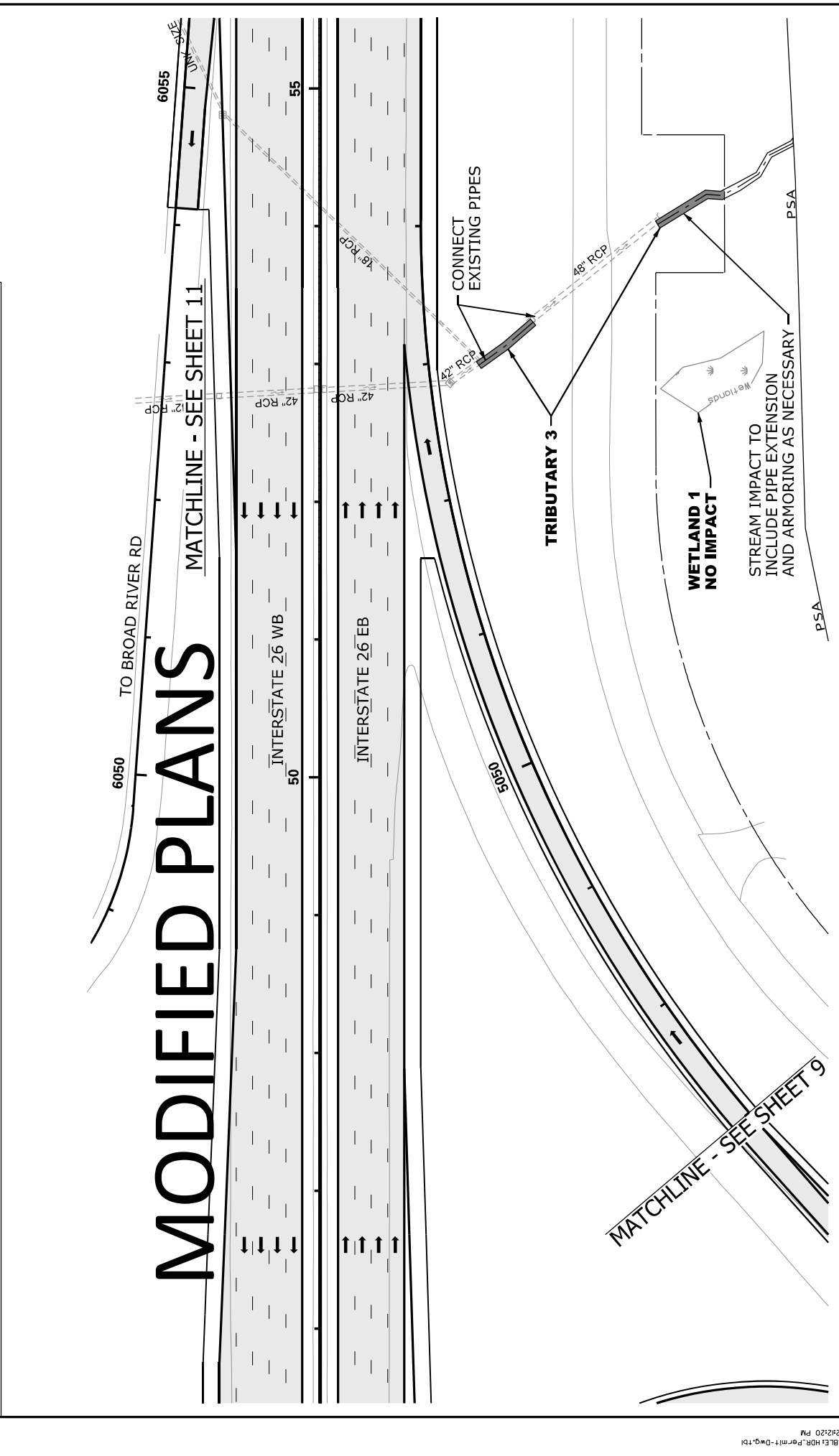


0 100
GRAPHIC SCALE

WETLAND CLEARING IMPACTS = 0 SF (0.00 AC)
WETLAND FILL IMPACTS = 0 SF (0.00 AC)

IMPACTS THIS SHEET
STREAM IMPACTS = 106 LF (632 SF) (0.02 AC)
TRIB 3 = 106 LF (632 SF) (0.02 AC)

STREAM RELOCATIONS = 0 LF (0 SF) (0.00 AC)
EXCAVATION IMPACTS = 0 SF (0.00 AC)



LEGEND

IMPACTED STREAM

PERMANENT FILL IMPACT

CLEARING IMPACT

RELOCATED DITCH

EXCAVATION IMPACT

WETLAND

PROPOSED PAVEMENT

PERMIT BOUNDARY

PROJECT STUDY AREA

PROP MEDIAN BARRIER WALL

EXISTING ROAD

EXISTING RAILROAD

0 100

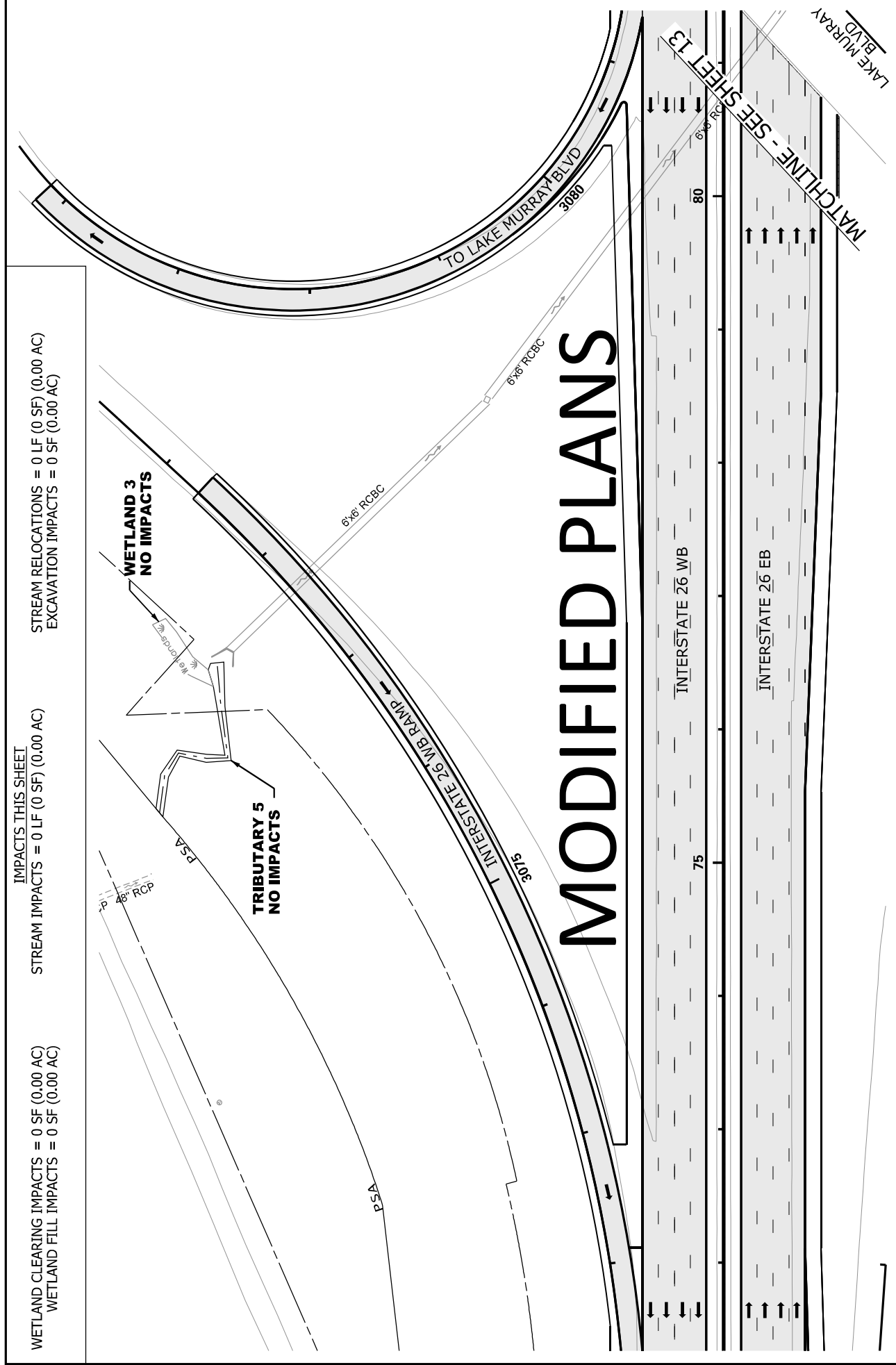
GRAPHIC SCALE

CAROLINA CROSSROADS
PROJECT ID NO. P027662
RICHLAND COUNTY, SC
LEXINGTON COUNTY, SC
APPLICATION BY SCDOT
REVISED APRIL 1, 2022

SCDOT
South Carolina Department of Transportation

TRIBUTARY 3

SHEET 10 OF 78



STREAM RELOCATIONS = 0 LF (0 SF) (0.00 AC)
EXCAVATION IMPACTS = 0 SF (0.00 AC)

STREAM IMPACTS = 0 LF (0 SF) (0.00 AC)

WETLAND CLEARING IMPACTS = 0 SF (0.00 AC)
WETLAND FILL IMPACTS = 0 SF (0.00 AC)

IMPACTS THIS SHEET

MODIFIED PLANS



South Carolina Department of Transportation

TRIBUTARY 5
WETLAND 3

SHEET 12 OF 78

CAROLINA CROSSROADS
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PERMIT BOUNDARY

PROJECT STUDY AREA
PSA

PROP MEDIAN BARRIER WALL

EXISTING ROAD

EXISTING RAILROAD

LEGEND

IMPACTED STREAM

PERMANENT FILL IMPACT


CLEARING IMPACT

RELOCATED DITCH

EXCAVATION IMPACT

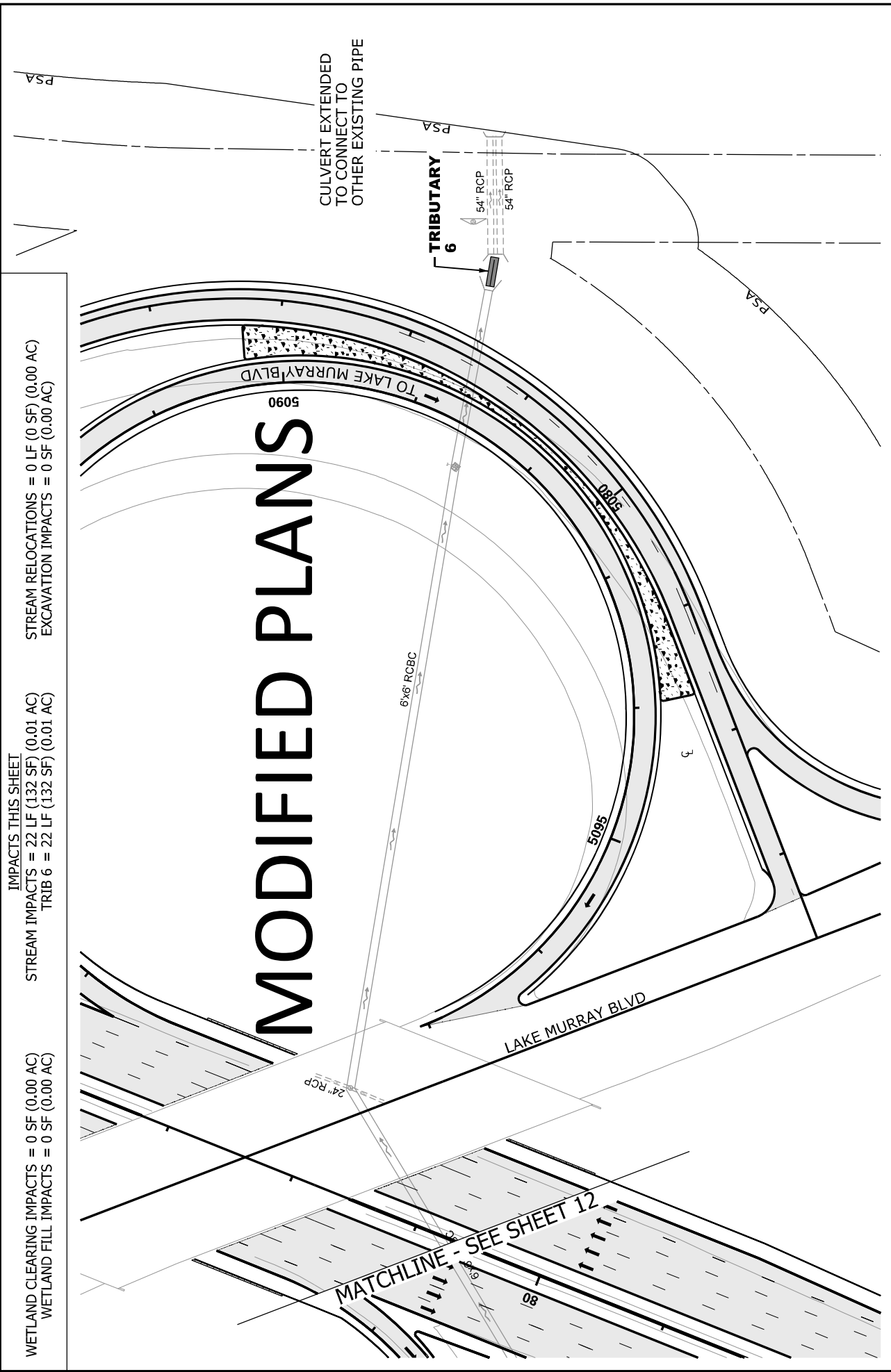
WETLAND

PROPOSED PAVEMENT



0 100

GRAPHIC SCALE



MODIFIED PLANS

MATCHLINE - SEE SHEET 12

CULVERT EXTENDED TO CONNECT TO OTHER EXISTING PIPE

TRIBUTARY 6

54" RCP
54" RCP

TO LAKE MURRAY BLVD

5090

6x6' RCBC


LAKE MURRAY BLVD

5095

STREAM RELOCATIONS = 0 LF (0 SF) (0.00 AC)
EXCAVATION IMPACTS = 0 SF (0.00 AC)

IMPACTS THIS SHEET
STREAM IMPACTS = 22 LF (132 SF) (0.01 AC)
TRIB 6 = 22 LF (132 SF) (0.01 AC)

WETLAND CLEARING IMPACTS = 0 SF (0.00 AC)
WETLAND FILL IMPACTS = 0 SF (0.00 AC)



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TRIBUTARY 6

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PERMIT BOUNDARY

PROJECT STUDY AREA

PSA

PROP MEDIAN BARRIER WALL

EXISTING ROAD

EXISTING RAILROAD

LEGEND

IMPACTED STREAM

PERMANENT FILL IMPACT



CLEARING IMPACT

RELOCATED DITCH

EXCAVATION IMPACT

WETLAND

PROPOSED PAVEMENT

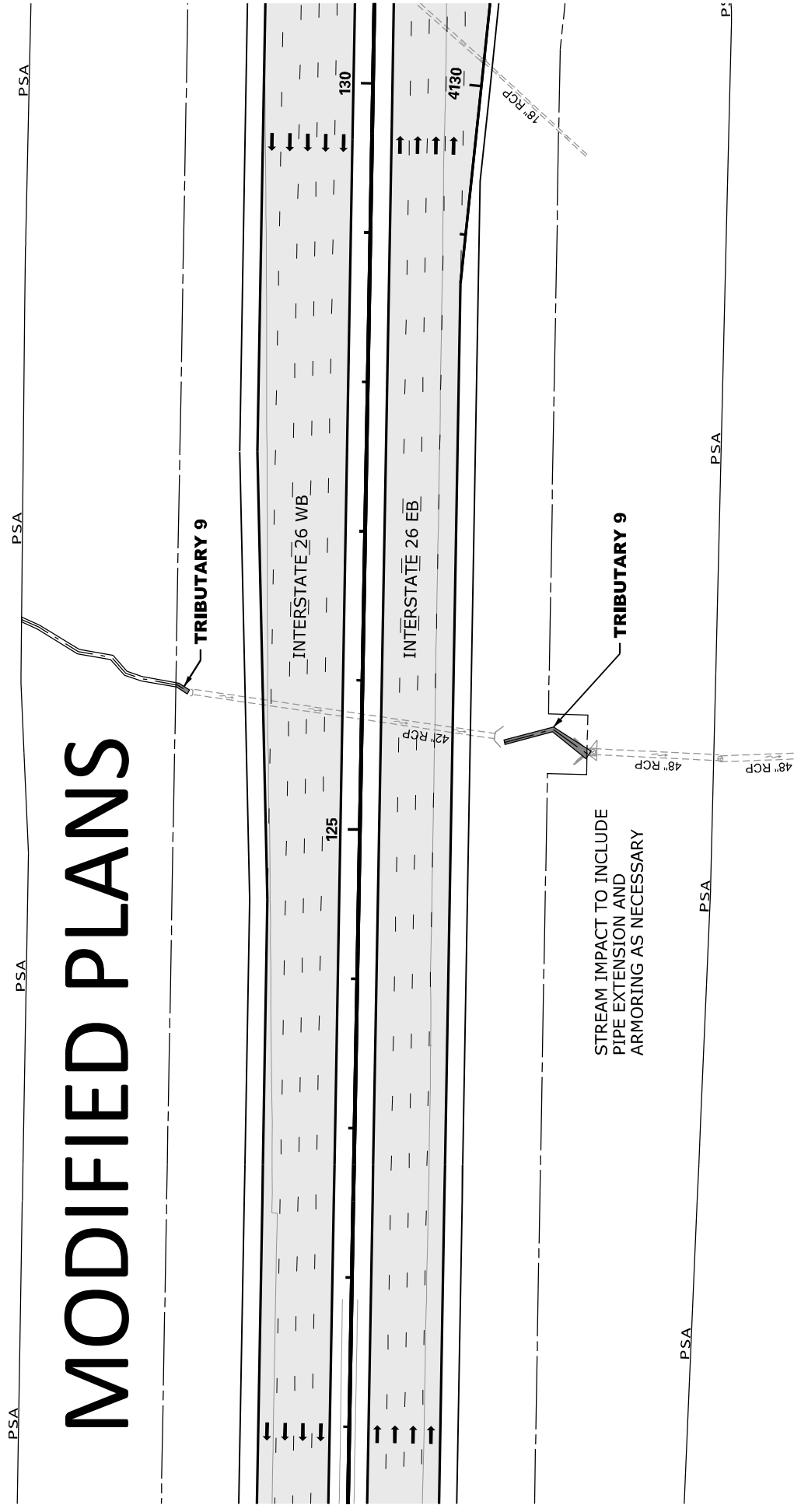
GRAPHIC SCALE

WETLAND CLEARING IMPACTS = 0 SF (0.00 AC)
WETLAND FILL IMPACTS = 0 SF (0.00 AC)

WETLAND CLEARING IMPACTS = 0 SF (0.00 AC)
WETLAND FILL IMPACTS = 0 SF (0.00 AC)

IMPACTS THIS SHEET
STREAM IMPACTS = 72 LF (254 SF) (0.02 AC)
TRIB 9 = 10 LF (29 SF) (0.01 AC)
TRIB 9 = 62 LF (225 SF) (0.01 AC)

STREAM RELOCATIONS = 0 LF (0 SF) (0.00 AC)
EXCAVATION IMPACTS = 0 SF (0.00 AC)



N

0 100
GRAPHIC SCALE

LEGEND

EXCAVATION IMPACT

WETLAND

PROPOSED PAVEMENT

IMPACTED STREAM

PERMANENT FILL IMPACT

CLEARING IMPACT

RELOCATED DITCH

PROP MEDJAN BARRIER WALL

EXISTING ROAD

EXISTING RAILROAD

PERMIT BOUNDARY

PROJECT STUDY AREA
PSA

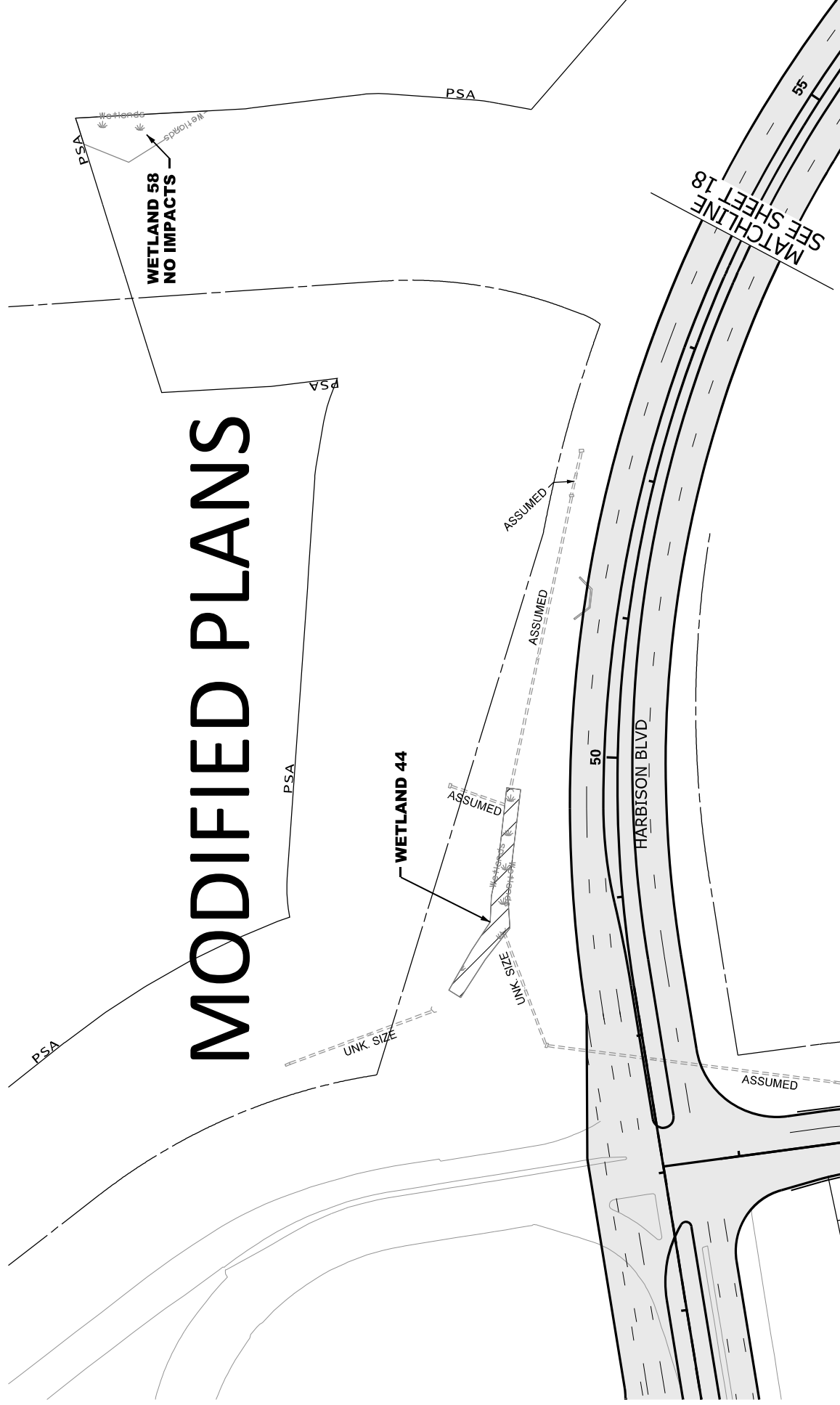
CAROLINA CROSSROADS
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LEXINGTON COUNTY, SC
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South Carolina Department of Transportation

TRIBUTARY 9

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MODIFIED PLANS



LEGEND

- | | | | | | |
|---|-------------------|---|-----------------------|---|--|
|  | EXCAVATION IMPACT |  | IMPACTED STREAM |  | PROJECT STUDY AREA
PSA |
|  | WETLAND |  | PERMANENT FILL IMPACT |  | PROP MEDIAN BARRIER WALL
PROPOSED MEDIAN BARRIER WALL |
|  | PROPOSED PAVEMENT |  | CLEARING IMPACT |  | EXISTING ROAD |
| | |  | RELOCATED DITCH |  | EXISTING RAILROAD |

CAROLINA CROSSROADS
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WETLAND 44 & 58

SHEET 17 OF 78

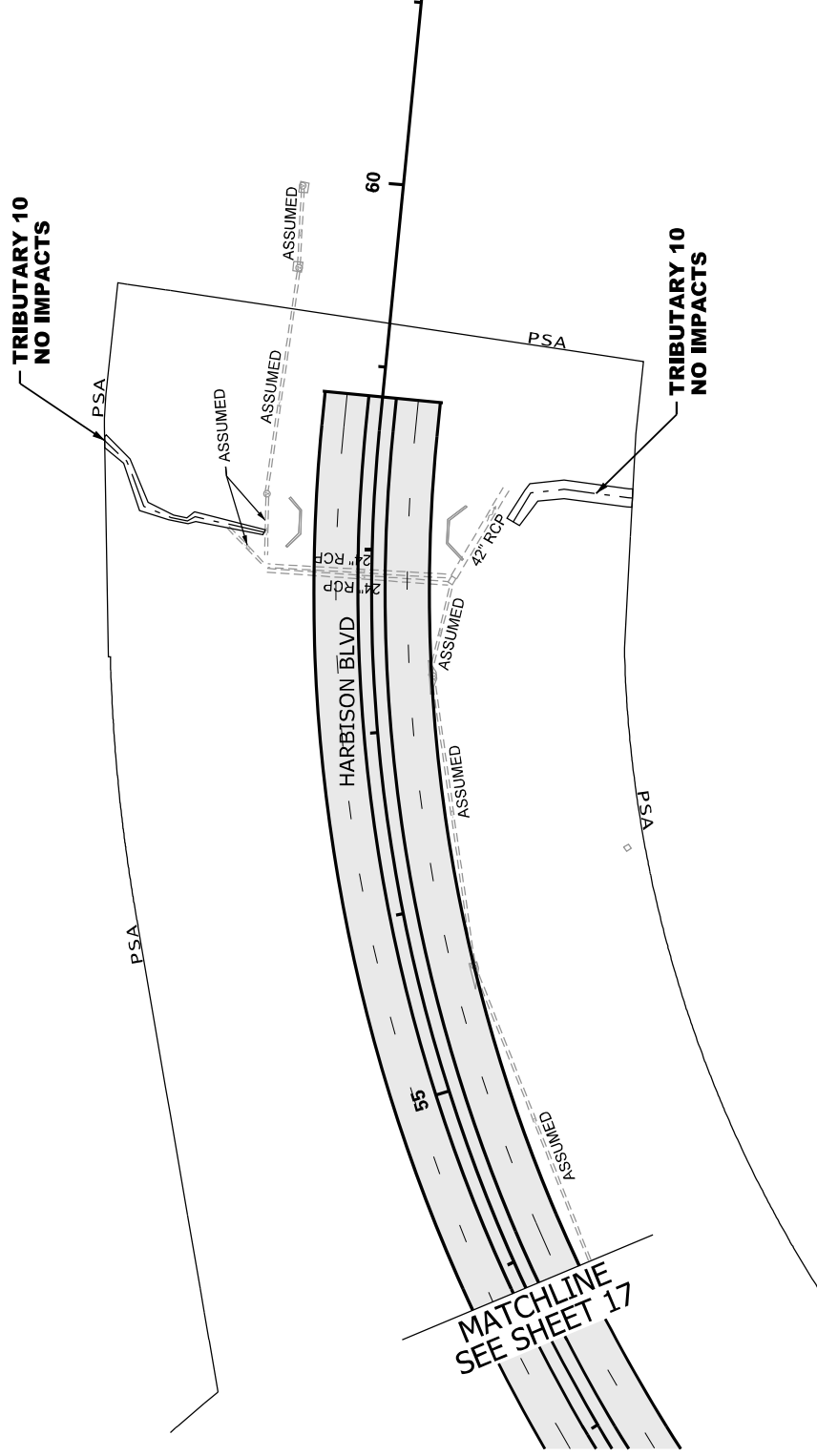
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WETLAND FILL IMPACTS = 0 SF (0.00 AC)

IMPACTS THIS SHEET

STREAM IMPACTS = 0 LF (0 SF) (0.00 AC)

STREAM RELOCATIONS = 0 LF (0 SF) (0.00 AC)
EXCAVATION IMPACTS = 0 SF (0.00 AC)

MODIFIED PLANS



LEGEND

EXCAVATION IMPACT

WETLAND

PROPOSED PAVEMENT

IMPACTED STREAM
PERMANENT FILL IMPACT
CLEARING IMPACT
RELOCATED DITCH

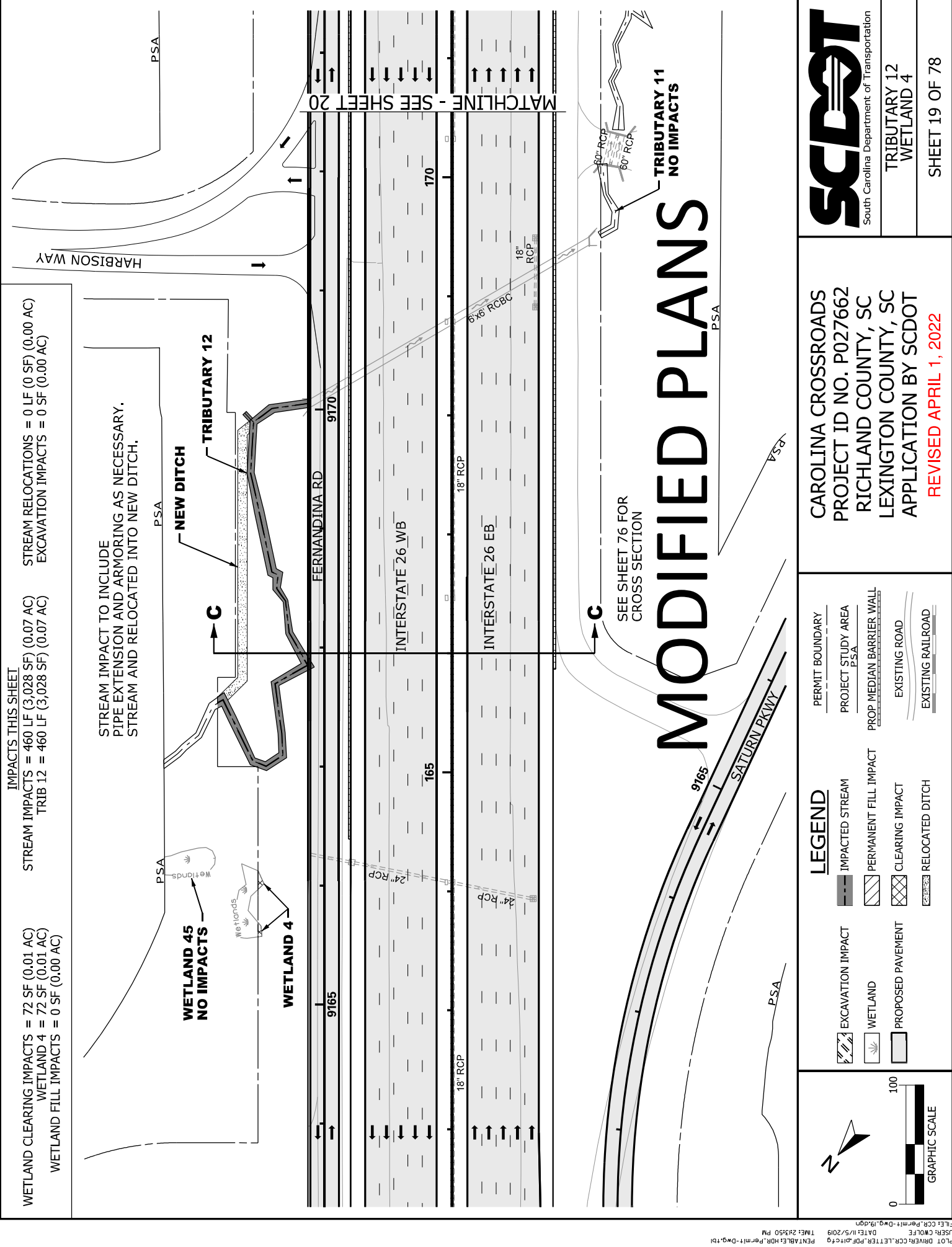
PERMIT BOUNDARY
PROJECT STUDY AREA
PSA
PROP MEDIAN BARRIER WALL
EXISTING ROAD
EXISTING RAILROAD

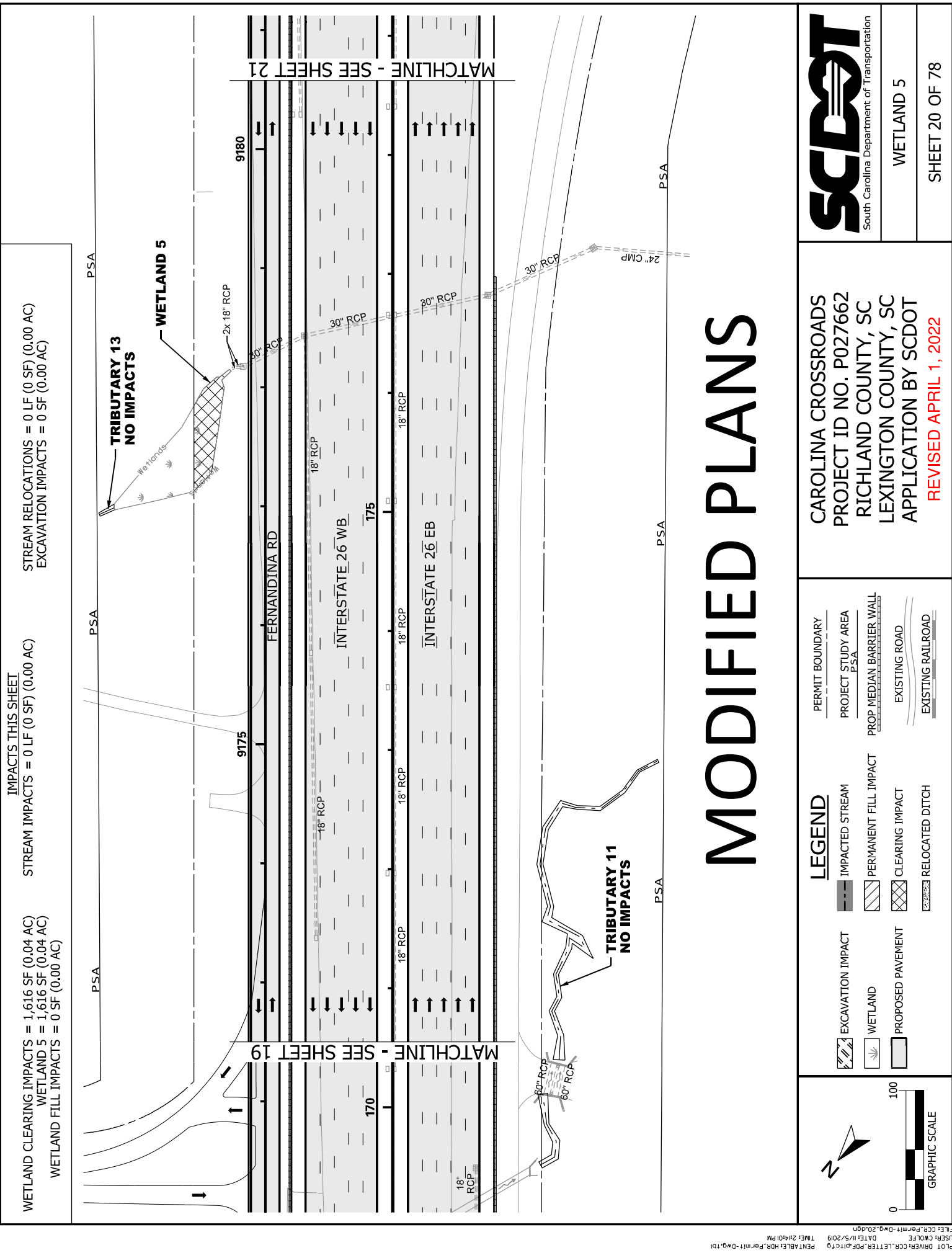
CAROLINA CROSSROADS
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LEXINGTON COUNTY, SC
APPLICATION BY SCDOT
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SCDOT
South Carolina Department of Transportation

TRIBUTARY 10


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MODIFIED PLANS



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PROJECT ID NO. P027662
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South Carolina Department of Transportation

WETLAND 5

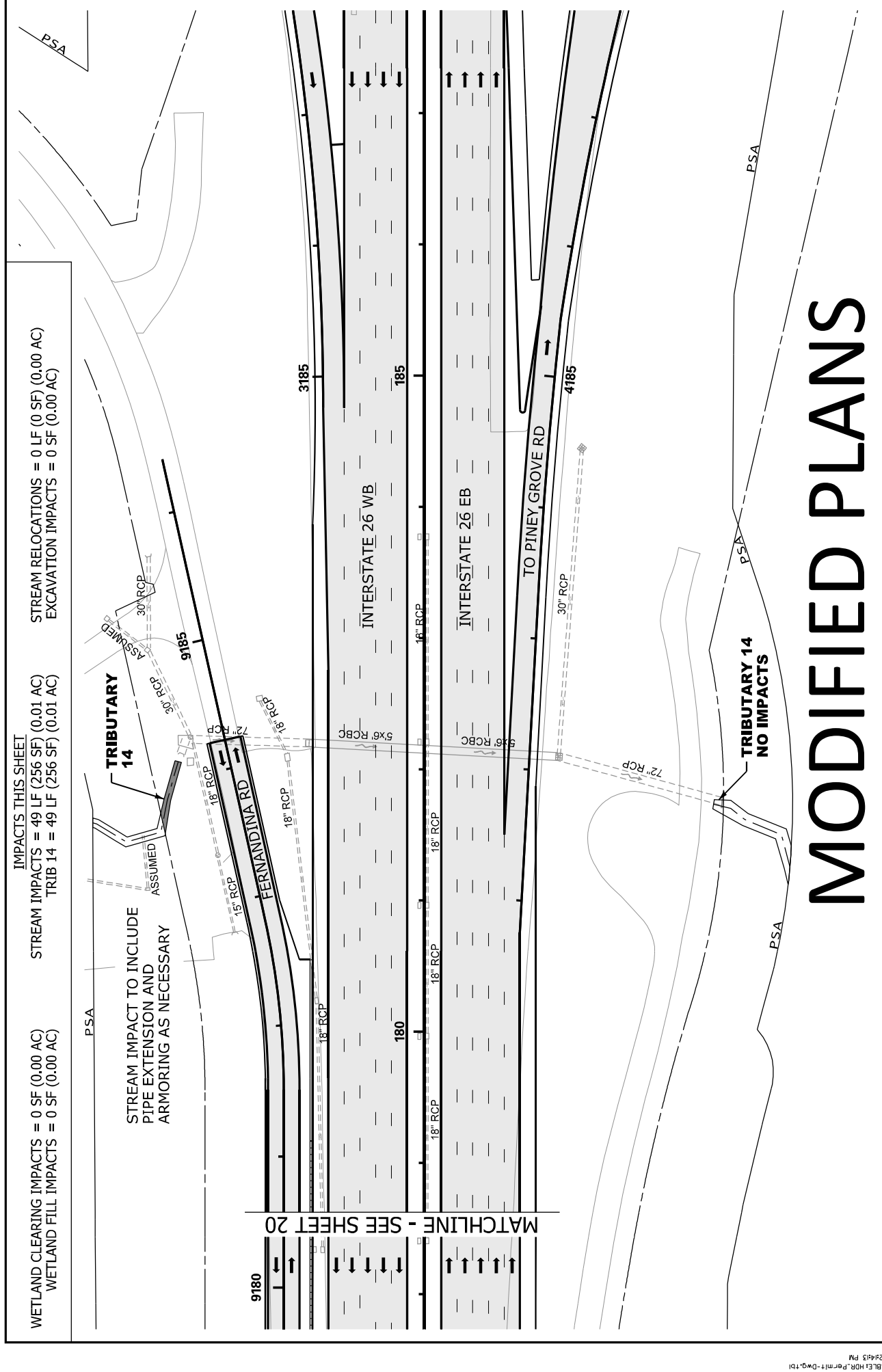
SHEET 20 OF 78



GRAPHIC SCALE

LEGEND

	EXCAVATION IMPACT		PERMIT BOUNDARY
	WETLAND		PROJECT STUDY AREA
	PROPOSED PAVEMENT		PROP MEDIAN BARRIER WALL
	IMPACTED STREAM		EXISTING ROAD
	PERMANENT FILL IMPACT		EXISTING RAILROAD
	CLEARING IMPACT		
	RELOCATED DITCH		



MODIFIED PLANS

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CAROLINA CROSSROADS
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PERMIT BOUNDARY

PROJECT STUDY AREA

PSA

PROP MEDIAN BARRIER WALL

EXISTING ROAD

EXISTING RAILROAD

LEGEND

IMPACTED STREAM

PERMANENT FILL IMPACT

CLEARING IMPACT

RELOCATED DITCH

EXCAVATION IMPACT

WETLAND

PROPOSED PAVEMENT

GRAPHIC SCALE

WETLAND CLEARING IMPACTS = 0 SF (0.00 AC)

WETLAND FILL IMPACTS = 0 SF (0.00 AC)

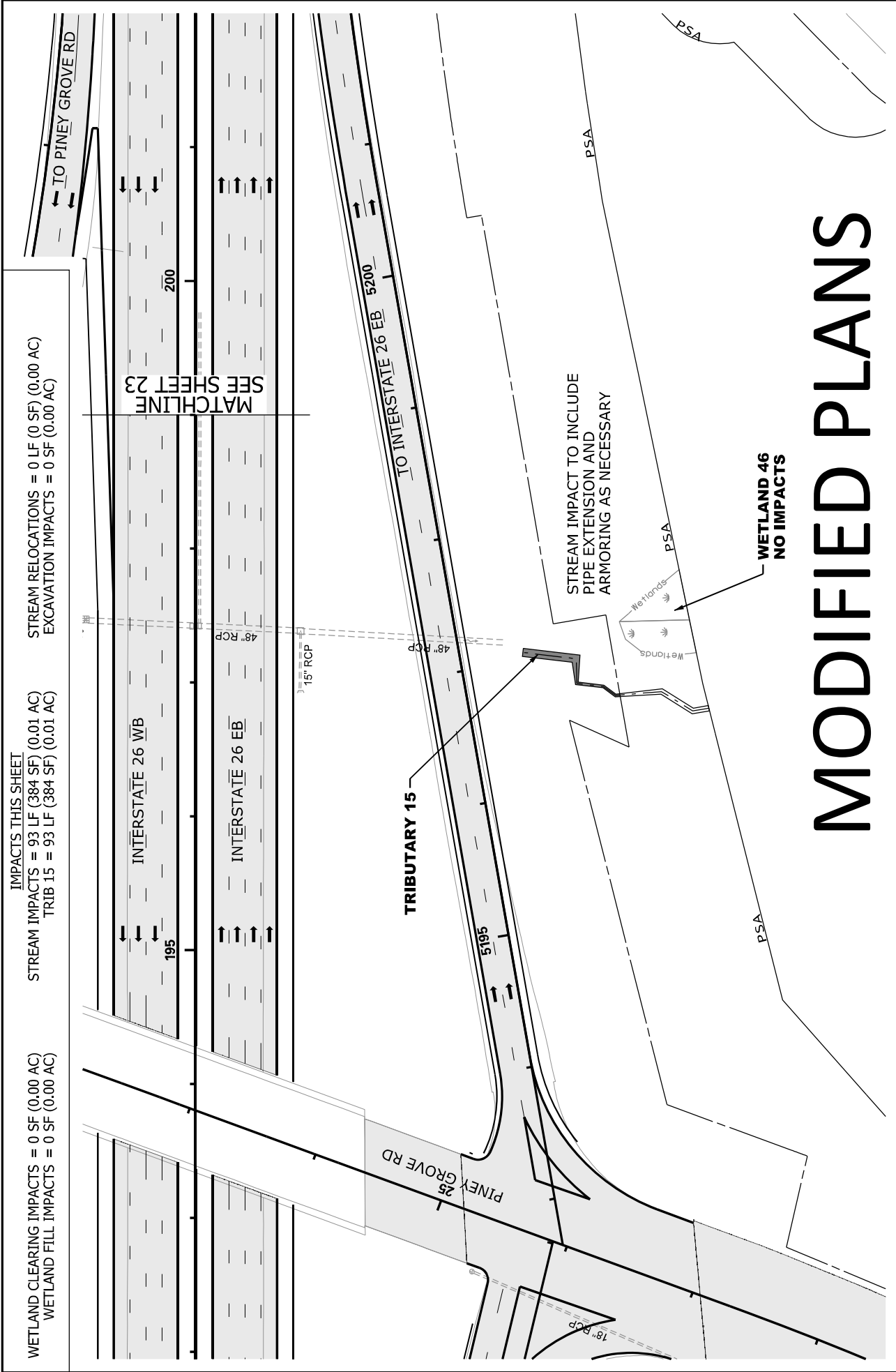
STREAM IMPACTS = 49 LF (256 SF) (0.01 AC)

TRIB 14 = 49 LF (256 SF) (0.01 AC)

IMPACTS THIS SHEET

STREAM RELOCATIONS = 0 LF (0 SF) (0.00 AC)

EXCAVATION IMPACTS = 0 SF (0.00 AC)

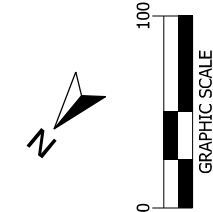


PLOT: DRIVE/COR, LETTER, PDF, 11x17
 USER: CMOLFE
 DATE: 11/5/2019
 TIME: 2:45:25 PM
 FILE: CRR_Permit-Dwg-22.dgn

WETLAND CLEARING IMPACTS = 0 SF (0.00 AC)
 WETLAND FILL IMPACTS = 0 SF (0.00 AC)

IMPACTS THIS SHEET
 STREAM IMPACTS = 93 LF (384 SF) (0.01 AC)
 TRIB 15 = 93 LF (384 SF) (0.01 AC)

STREAM RELOCATIONS = 0 LF (0 SF) (0.00 AC)
 EXCAVATION IMPACTS = 0 SF (0.00 AC)



LEGEND

	EXCAVATION IMPACT		IMPACTED STREAM
	WETLAND		PERMANENT FILL IMPACT
	PROPOSED PAVEMENT		CLEARING IMPACT
			RELOCATED DITCH

PERMIT BOUNDARY

	PROJECT STUDY AREA
	PSA
	PROP MEDIAN BARRIER WALL
	EXISTING ROAD
	EXISTING RAILROAD

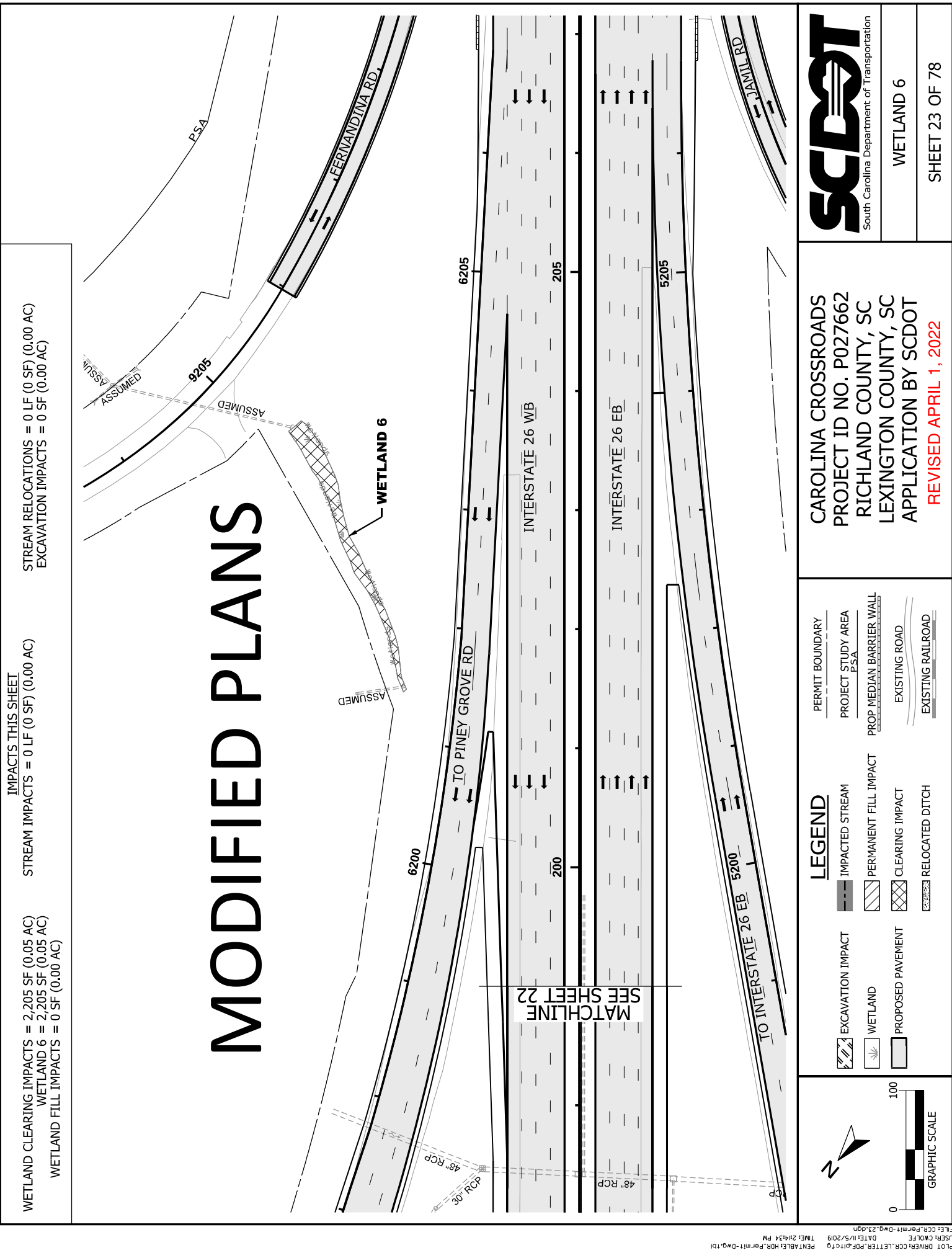
CAROLINA CROSSROADS
 PROJECT ID NO. P027662
 RICHLAND COUNTY, SC
 LEXINGTON COUNTY, SC
 APPLICATION BY SCDOT
 REVISED APRIL 1, 2022

South Carolina Department of Transportation

TRIBUTARY 15

SHEET 22 OF 78

MODIFIED PLANS



WETLAND CLEARING IMPACTS = 2.205 SF (0.05 AC)
WETLAND 6 = 2.205 SF (0.05 AC)
WETLAND FILL IMPACTS = 0 SF (0.00 AC)

IMPACTS THIS SHEET

STREAM IMPACTS = 0 LF (0 SF) (0.00 AC)
STREAM RELOCATIONS = 0 LF (0 SF) (0.00 AC)
EXCAVATION IMPACTS = 0 SF (0.00 AC)

MODIFIED PLANS

GRAPHIC SCALE
0 100

LEGEND

	EXCAVATION IMPACT		IMPACTED STREAM
	WETLAND		PERMANENT FILL IMPACT
	PROPOSED PAVEMENT		CLEARING IMPACT
			RELOCATED DITCH

PERMIT BOUNDARY

PROJECT STUDY AREA

PSA

PROP MEDIAN BARRIER WALL

EXISTING ROAD

EXISTING RAILROAD

SCDOT

South Carolina Department of Transportation

CAROLINA CROSSROADS

PROJECT ID NO. P027662

RICHLAND COUNTY, SC

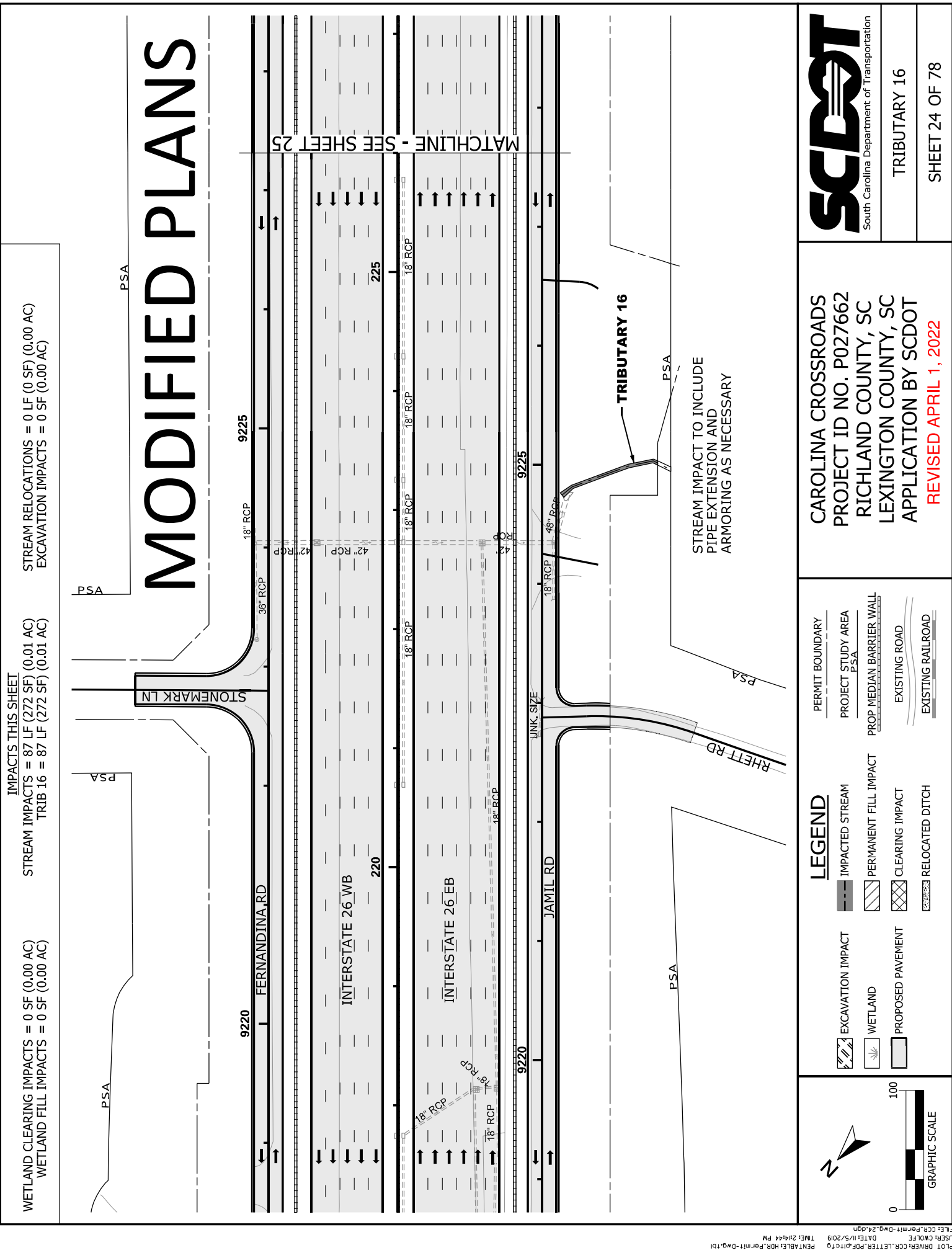
LEXINGTON COUNTY, SC

APPLICATION BY SCDOT

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WETLAND 6

SHEET 23 OF 78



MODIFIED PLANS

STREAM RELOCATIONS = 0 LF (0 SF) (0.00 AC)
EXCAVATION IMPACTS = 0 SF (0.00 AC)

IMPACTS THIS SHEET
STREAM IMPACTS = 87 LF (272 SF) (0.01 AC)
TRIB 16 = 87 LF (272 SF) (0.01 AC)

WETLAND CLEARING IMPACTS = 0 SF (0.00 AC)
WETLAND FILL IMPACTS = 0 SF (0.00 AC)





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TRIBUTARY 16

SHEET 24 OF 78

CAROLINA CROSSROADS
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GRAPHIC SCALE

LEGEND

	EXCAVATION IMPACT		IMPACTED STREAM
	WETLAND		PERMANENT FILL IMPACT
	PROPOSED PAVEMENT		CLEARING IMPACT
			RELOCATED DITCH

PERMIT BOUNDARY

PROJECT STUDY AREA

PSA

PROP MEDIAN BARRIER WALL

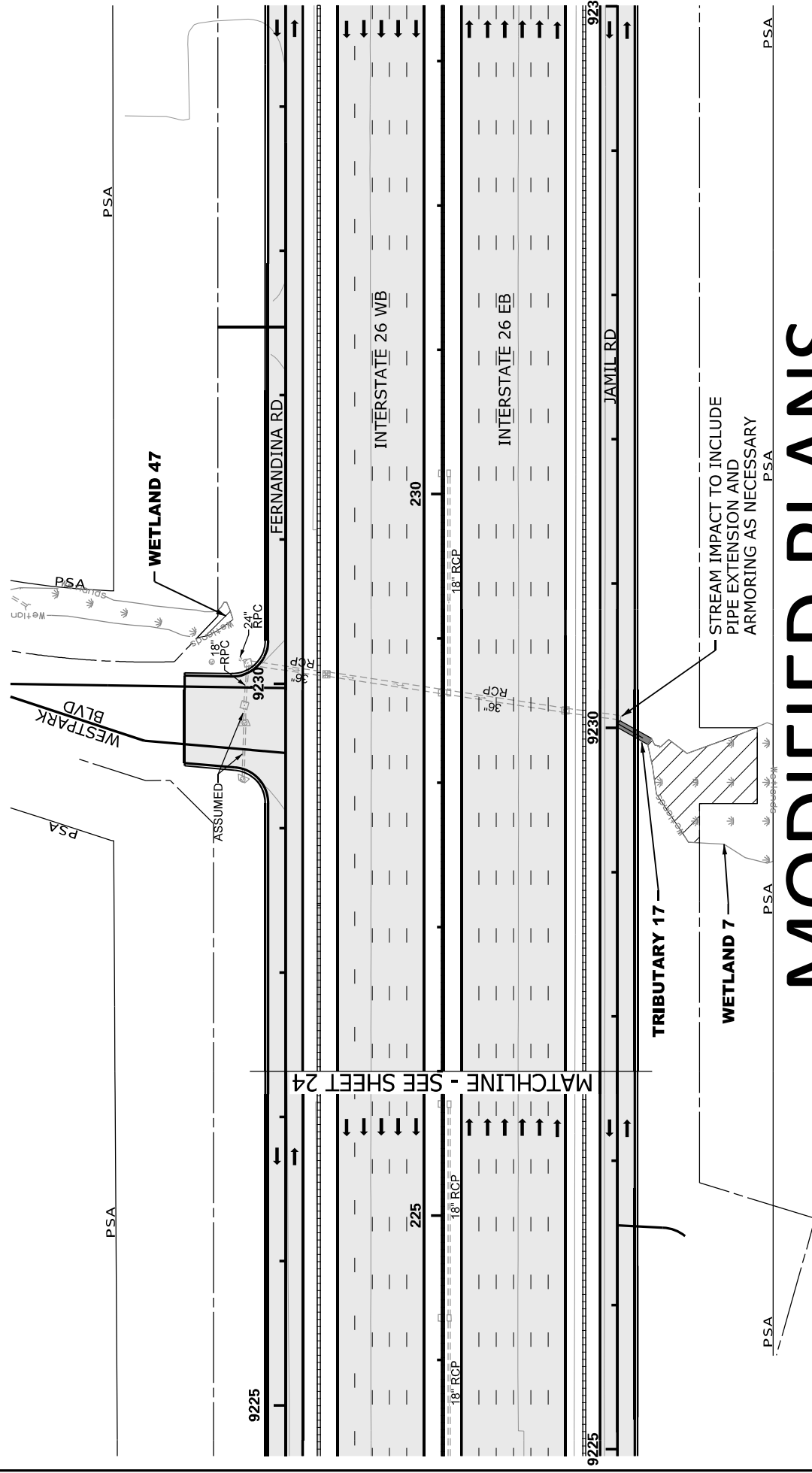
EXISTING ROAD

EXISTING RAILROAD

WETLAND CLEARING IMPACTS = 0 SF (0.00 AC)
 WETLAND FILL IMPACTS = 3,727 SF (0.09 AC)
 WETLAND 7 = 3,517 SF (0.08 AC)
 WETLAND 47 = 210 SF (0.01 AC)

STREAM IMPACTS = 26 LF (126 SF) (0.01 AC)
 TRIB 17 = 26 LF (126 SF) (0.01 AC)

STREAM RELOCATIONS = 0 LF (0 SF) (0.00 AC)
EXCAVATION IMPACTS = 0 SF (0.00 AC)



MODIFIED PLANS

LEGEND

- EXCAVATION IMPACT
- WETLAND
- PROPOSED PAVEMENT
- IMPACTED STREAM
- PERMANENT FILL IMPACT
- CLEARING IMPACT
- RELOCATED DITCH
- PERMIT BOUNDARY
- PROJECT STUDY AREA
- PROP MEDIAN BARRIER WALL
- EXISTING ROAD
- EXISTING RAILROAD

GRAPHIC SCALE

0 100

SCDOT

CAROLINA CROSSROADS

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LEXINGTON COUNTY, SC

APPLICATION BY SCDOT

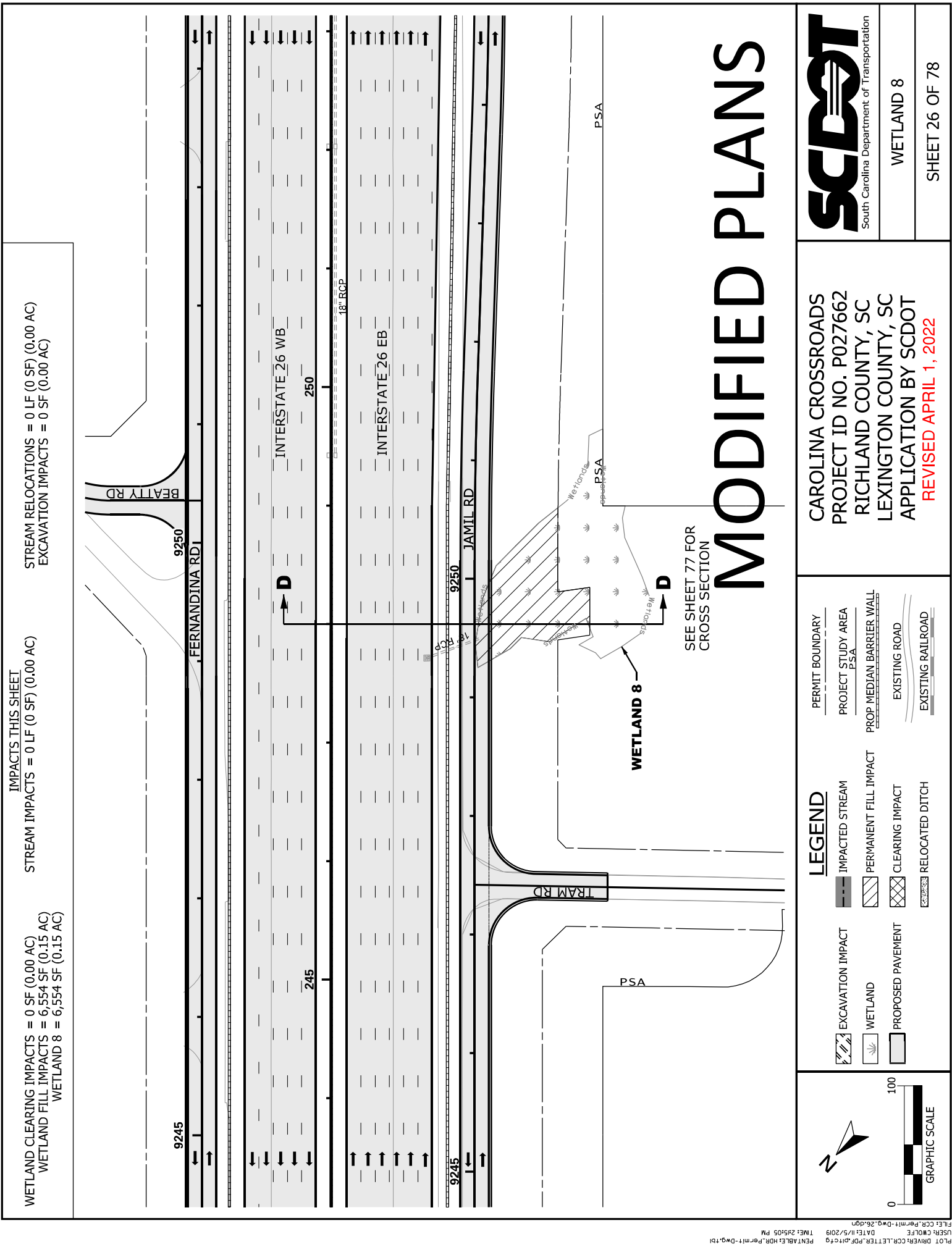
REVISED APRIL 1, 2022

TRIBUTARY 17

WETLAND 7 & 47

SHEET 25 OF 78

South Carolina Department of Transportation



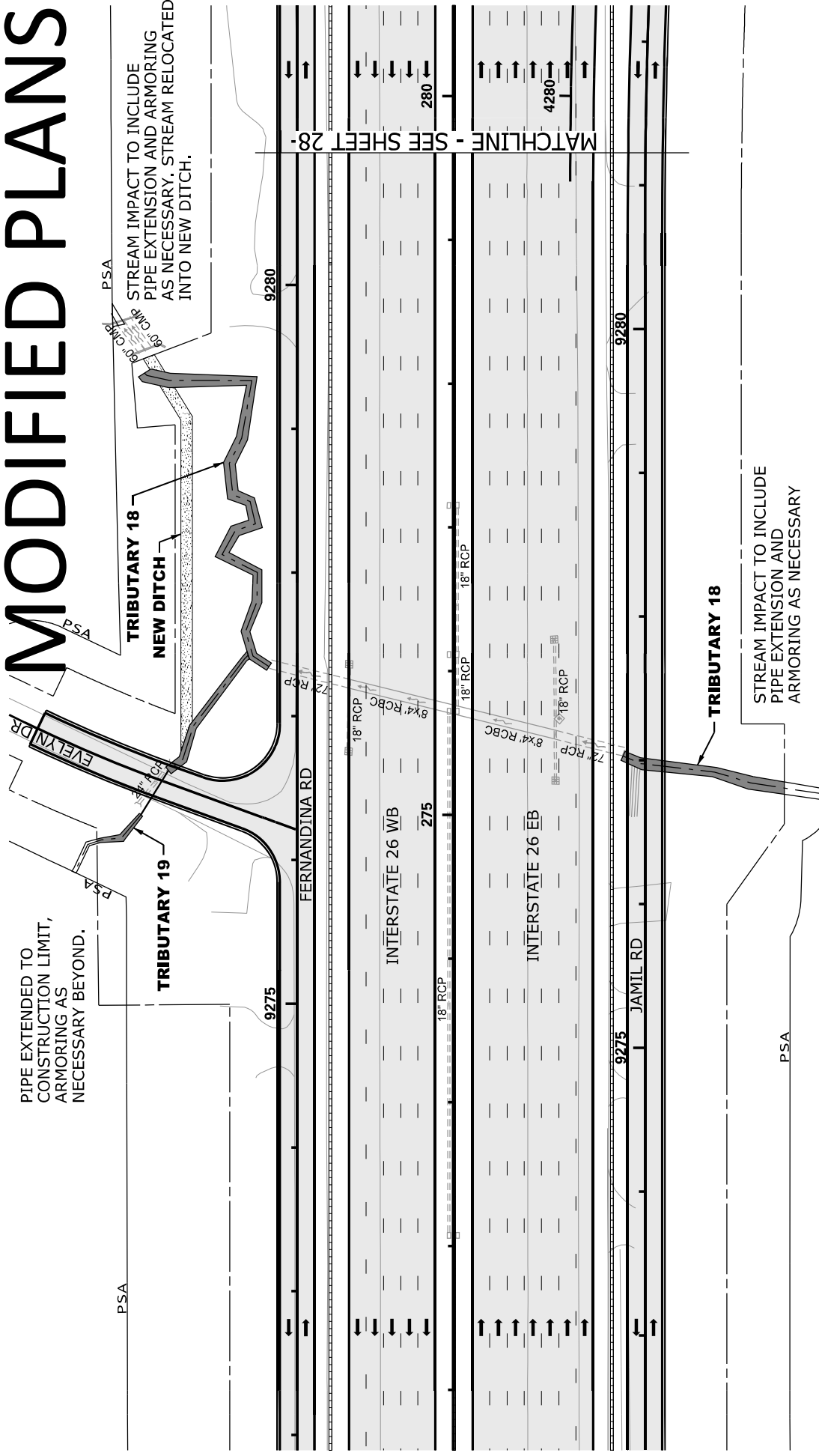
WETLAND CLEARING IMPACTS = 0 SF (0.00 AC)
WETLAND FILL IMPACTS = 0 SF (0.00 AC)




























IMPACTS THIS SHEET

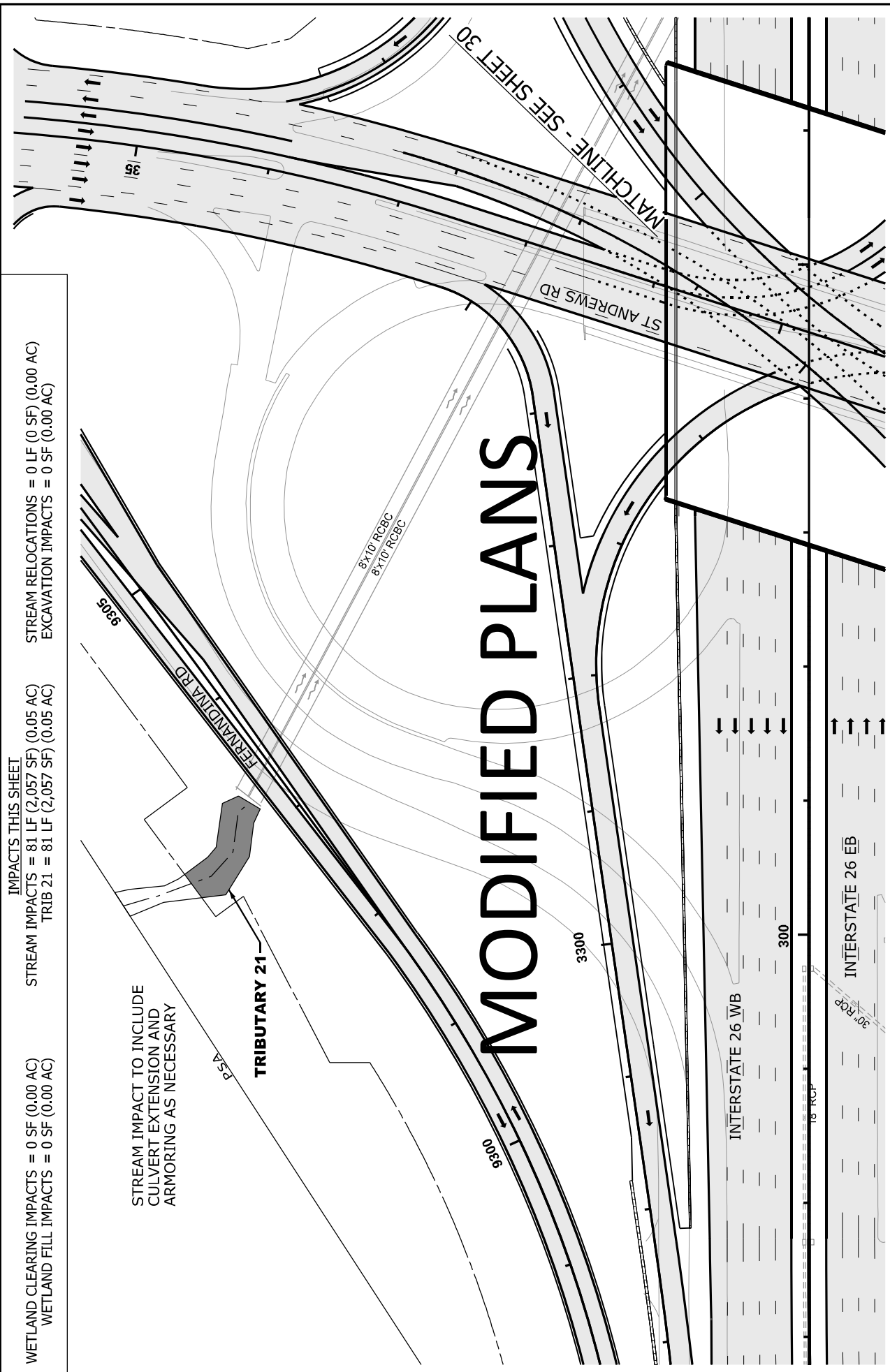
STREAM IMPACTS = 580 LF (3,930 SF) (0.09 AC)
 TRIB 18 = 322 LF (2,379 SF) (0.05 AC)
 TRIB 18 = 116 LF (910 SF) (0.02 AC)
 TRIB 19 = 39 LF (151 SF) (0.01 AC)
 TRIB 19 = 103 LF (490 SF) (0.01 AC)

STREAM RELOCATIONS = 0 LF (0 SF) (0.00 AC)
EXCAVATION IMPACTS = 0 SF (0.00 AC)

MODIFIED PLANS



  <p>GRAPHIC SCALE</p>	<p>LEGEND</p> <table border="0"> <tr> <td></td> <td>EXCAVATION IMPACT</td> <td></td> <td>PERMIT BOUNDARY</td> </tr> <tr> <td></td> <td>WETLAND</td> <td></td> <td>IMPACTED STREAM</td> </tr> <tr> <td></td> <td>PROPOSED PAVEMENT</td> <td></td> <td>PERMANENT FILL IMPACT</td> </tr> <tr> <td></td> <td></td> <td></td> <td>CLEARING IMPACT</td> </tr> <tr> <td></td> <td></td> <td></td> <td>EXISTING ROAD</td> </tr> <tr> <td></td> <td></td> <td></td> <td>EXISTING RAILROAD</td> </tr> </table>		EXCAVATION IMPACT		PERMIT BOUNDARY		WETLAND		IMPACTED STREAM		PROPOSED PAVEMENT		PERMANENT FILL IMPACT				CLEARING IMPACT				EXISTING ROAD				EXISTING RAILROAD	<p>CAROLINA CROSSROADS PROJECT ID NO. P027662 RICHLAND COUNTY, SC LEXINGTON COUNTY, SC APPLICATION BY SCDOT</p> <p>REVISD APRIL 1, 2022</p>	 <p>South Carolina Department of Transportation</p> <p>TRIBUTARY 18 & 19</p> <p>SHEET 27 OF 78</p>
	EXCAVATION IMPACT		PERMIT BOUNDARY																								
	WETLAND		IMPACTED STREAM																								
	PROPOSED PAVEMENT		PERMANENT FILL IMPACT																								
			CLEARING IMPACT																								
			EXISTING ROAD																								
			EXISTING RAILROAD																								



WETLAND CLEARING IMPACTS = 0 SF (0.00 AC)
WETLAND FILL IMPACTS = 0 SF (0.00 AC)

STREAM IMPACTS = 81 LF (2,057 SF) (0.05 AC)
TRIB 21 = 81 LF (2,057 SF) (0.05 AC)

STREAM RELOCATIONS = 0 LF (0 SF) (0.00 AC)
EXCAVATION IMPACTS = 0 SF (0.00 AC)

STREAM IMPACT TO INCLUDE
CULVERT EXTENSION AND
ARMORING AS NECESSARY


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TRIBUTARY 21

SHEET 29 OF 78







0 100
GRAPHIC SCALE

LEGEND

	EXCAVATION IMPACT		IMPACTED STREAM
	WETLAND		PERMANENT FILL IMPACT
	PROPOSED PAVEMENT		CLEARING IMPACT
			RELOCATED DITCH

PERMIT BOUNDARY

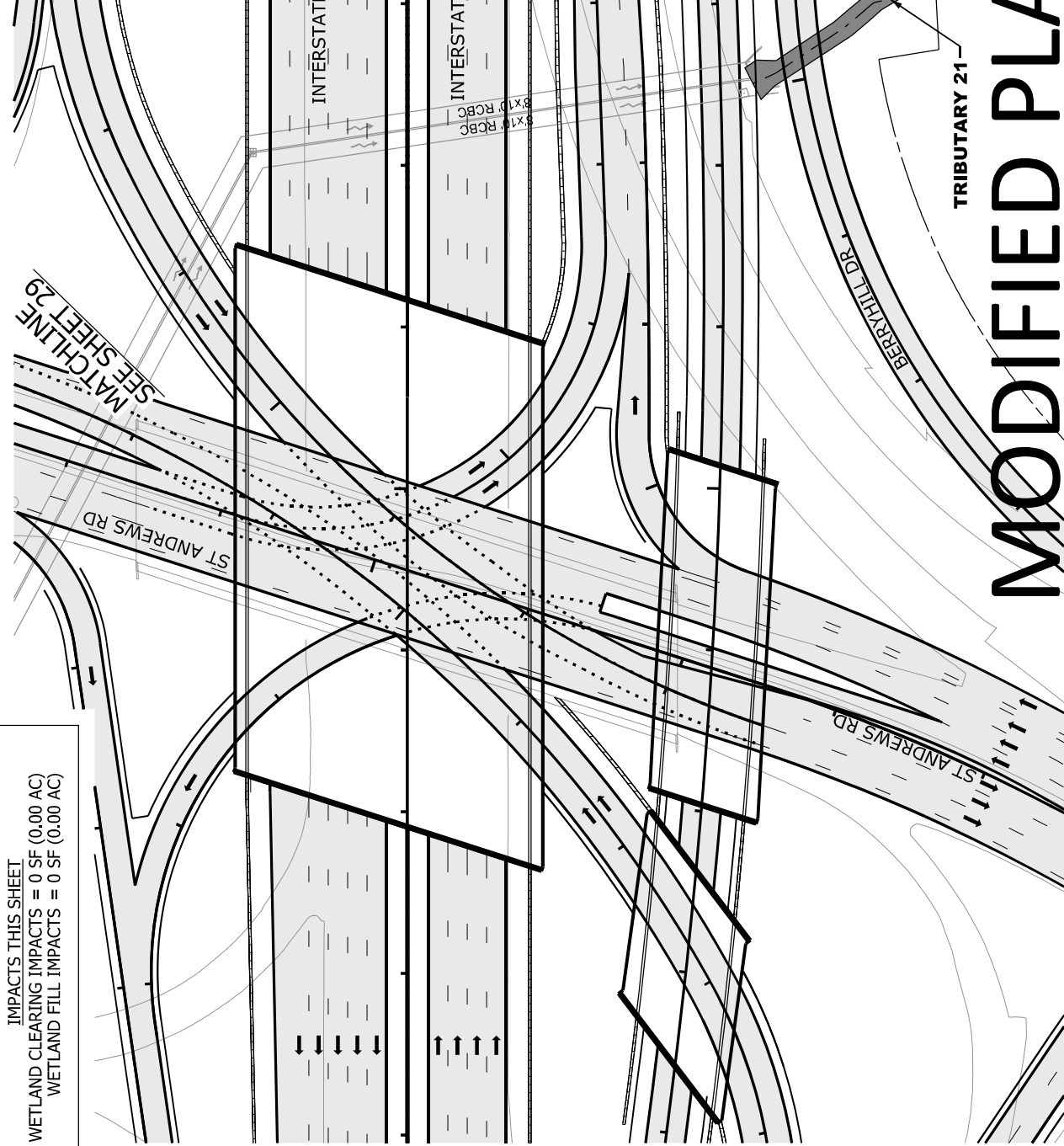
	PROJECT STUDY AREA
	PROP MEDIAN BARRIER WALL
	EXISTING ROAD
	EXISTING RAILROAD

IMPACTS THIS SHEET

WETLAND CLEARING IMPACTS = 0 SF (0.00 AC)
WETLAND FILL IMPACTS = 0 SF (0.00 AC)

IMPACTS THIS SHEET

STREAM IMPACTS = 136 LF (1,865 SF) (0.04 AC)
TRIB 21 = 136 LF (1,865 SF) (0.04 AC)
STREAM RELOCATIONS = 0 LF (0 SF) (0.00 AC)
EXCAVATION IMPACTS = 0 LF (0.00 AC)



MODIFIED PLANS

LEGEND

- | | | | |
|--|-------------------|--|-----------------------|
| | EXCAVATION IMPACT | | IMPACTED STREAM |
| | WETLAND | | PERMANENT FILL IMPACT |
| | PROPOSED PAVEMENT | | CLEARING IMPACT |
| | | | RELOCATED DITCH |

PERMIT BOUNDARY

PROJECT STUDY AREA
PSA

PROP MEDIAN BARRIER WALL

EXISTING ROAD

EXISTING RAILROAD



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TRIBUTARY 21

SHEET 30 OF 78

WETLAND CLEARING IMPACTS = 0 SF (0.00 AC)
WETLAND FILL IMPACTS = 0 SF (0.00 AC)

IMPACTS THIS SHEET
STREAM IMPACTS = 128 LF (1,154 SF) (0.03 AC)
TRIB 22 = 128 LF (1,154 SF) (0.03 AC)

STREAM RELOCATIONS = 0 LF (0 SF) (0.00 AC)
EXCAVATION IMPACTS = 0 SF (0.00 AC)
DET AREA 49

PSA

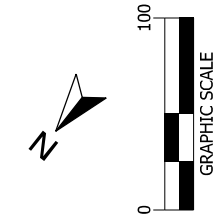
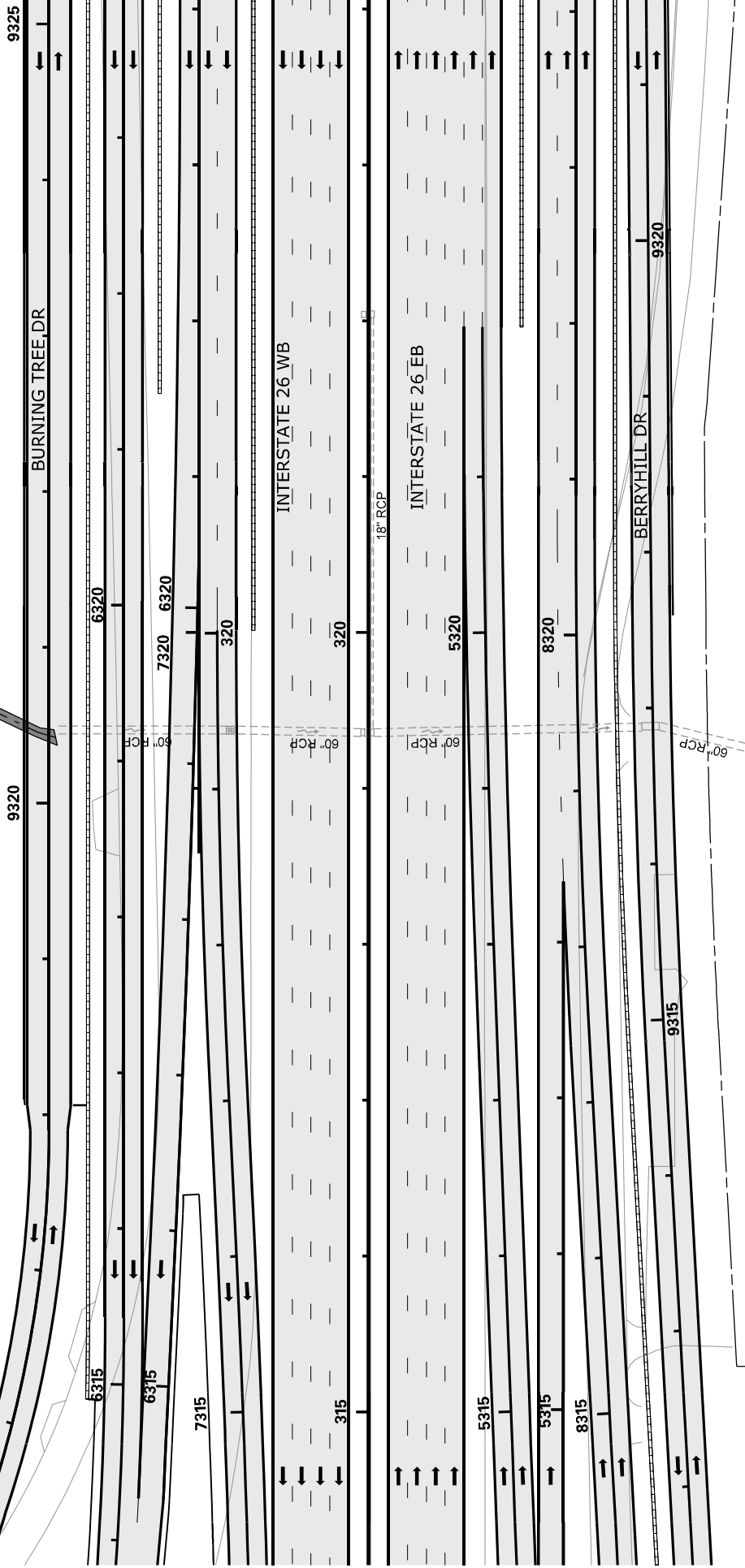
PSA

PSA

MODIFIED PLANS

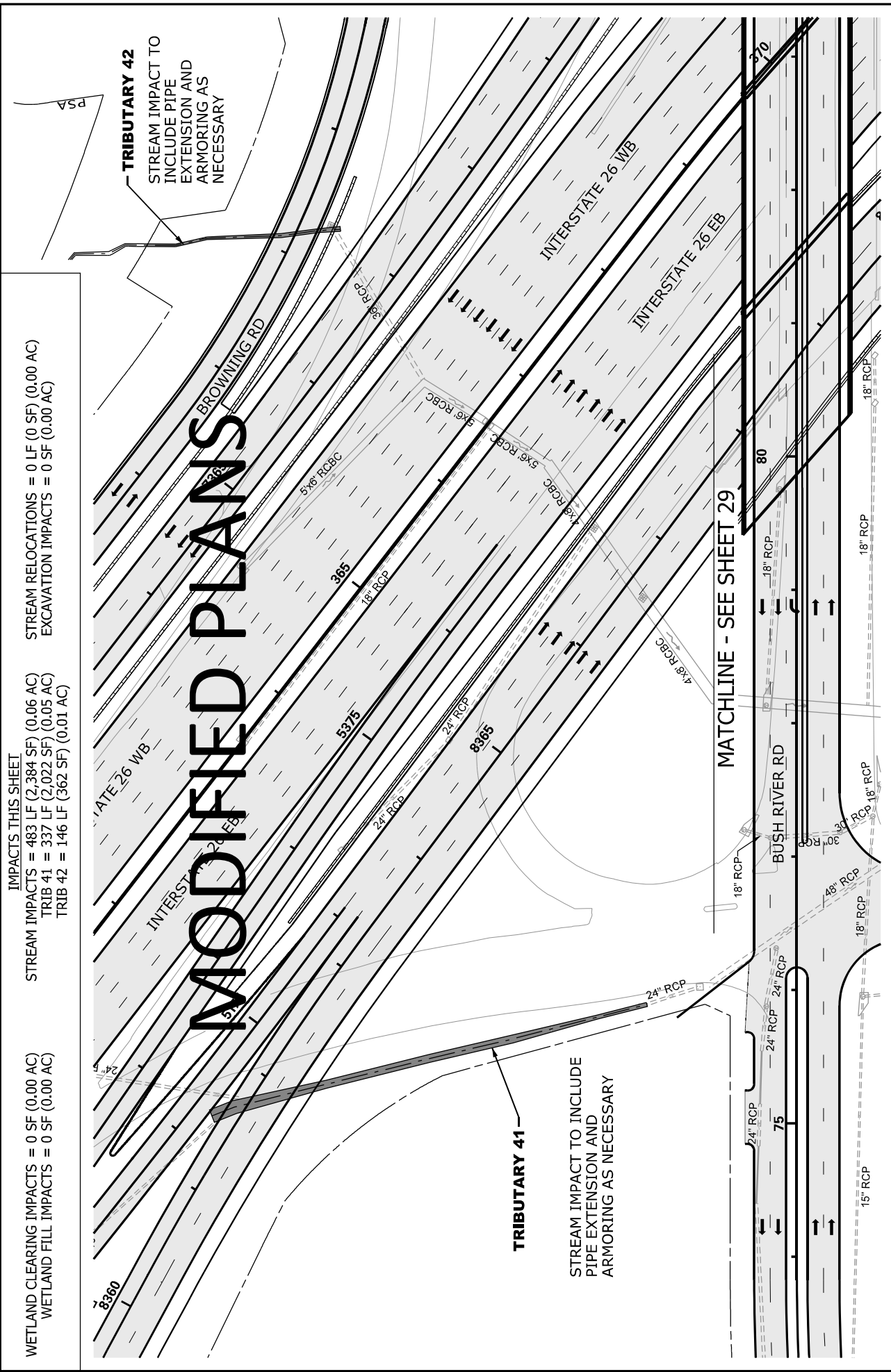
TRIBUTARY 22

STREAM IMPACT TO INCLUDE
PIPE EXTENSION AND
ARMORING AS NECESSARY



- LEGEND**
- EXCAVATION IMPACT
 - WETLAND
 - PROPOSED PAVEMENT
 - IMPACTED STREAM
 - PERMANENT FILL IMPACT
 - CLEARING IMPACT
 - RELOCATED DITCH
 - PERMIT BOUNDARY
 - PROJECT STUDY AREA
PSA
 - PROP MEDIAN BARRIER WALL
 - EXISTING ROAD
 - EXISTING RAILROAD

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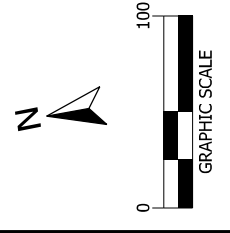


TRIBUTARY 42
 STREAM IMPACT TO
 INCLUDE PIPE
 EXTENSION AND
 ARMORING AS
 NECESSARY

TRIBUTARY 41
 STREAM IMPACT TO INCLUDE
 PIPE EXTENSION AND
 ARMORING AS NECESSARY

MODIFIED PLANS

WETLAND CLEARING IMPACTS = 0 SF (0.00 AC)	IMPACTS THIS SHEET	STREAM RELOCATIONS = 0 LF (0 SF) (0.00 AC)
WETLAND FILL IMPACTS = 0 SF (0.00 AC)	STREAM IMPACTS = 483 LF (2,384 SF) (0.06 AC)	EXCAVATION IMPACTS = 0 SF (0.00 AC)
	TRIB 41 = 337 LF (2,022 SF) (0.05 AC)	
	TRIB 42 = 146 LF (362 SF) (0.01 AC)	



LEGEND	
	EXCAVATION IMPACT
	WETLAND
	PROPOSED PAVEMENT
	PERMANENT FILL IMPACT
	CLEARING IMPACT
	RELOCATED DITCH
	IMPACTED STREAM
	PERMIT BOUNDARY
	PROJECT STUDY AREA PSA
	PROP MEDIAN BARRIER WALL
	EXISTING ROAD
	EXISTING RAILROAD

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PLOT DRIVE: C:\CR\LETTER\PDF\p11c1g
 USER: CMOLFE
 DATE: 4/5/2019
 TIME: 2:06 PM
 FILE: C:\CR\Permit-Dwg_32.dgn

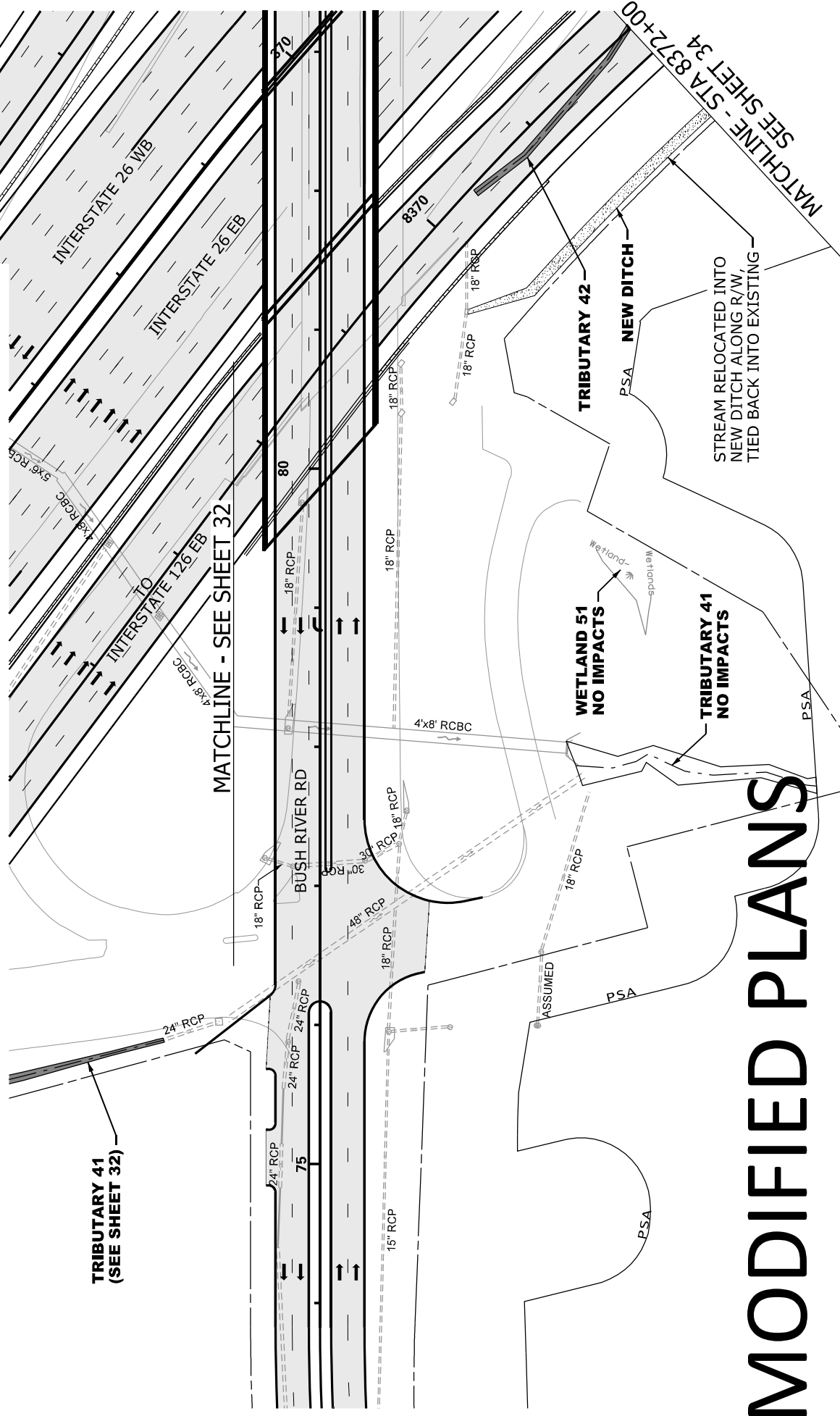
WETLAND CLEARING IMPACTS = 0 SF (0.00 AC)
WETLAND FILL IMPACTS = 0 SF (0.00 AC)

IMPACTS THIS SHEET

STREAM IMPACTS = 164 LF (742 SF) (0.02 AC)

TRIB 42 = 164 LF (742 SF) (0.02 AC)

STREAM RELOCATIONS = 0 LF (0 SF) (0.00 AC)
EXCAVATION IMPACTS = 0 SF (0.00 AC)



MODIFIED PLANS



LEGEND

- | | | | | | |
|---|-------------------|---|-----------------------|---|--|
|  | EXCAVATION IMPACT |  | IMPACTED STREAM |  | PROJECT STUDY AREA
PSA |
|  | WETLAND |  | PERMANENT FILL IMPACT |  | PROP MEDIAN BARRIER WALL
PROPOSED MEDIAN BARRIER WALL |
|  | PROPOSED PAVEMENT |  | CLEARING IMPACT |  | EXISTING ROAD |
| | |  | RELOCATED DITCH |  | EXISTING RAILROAD |

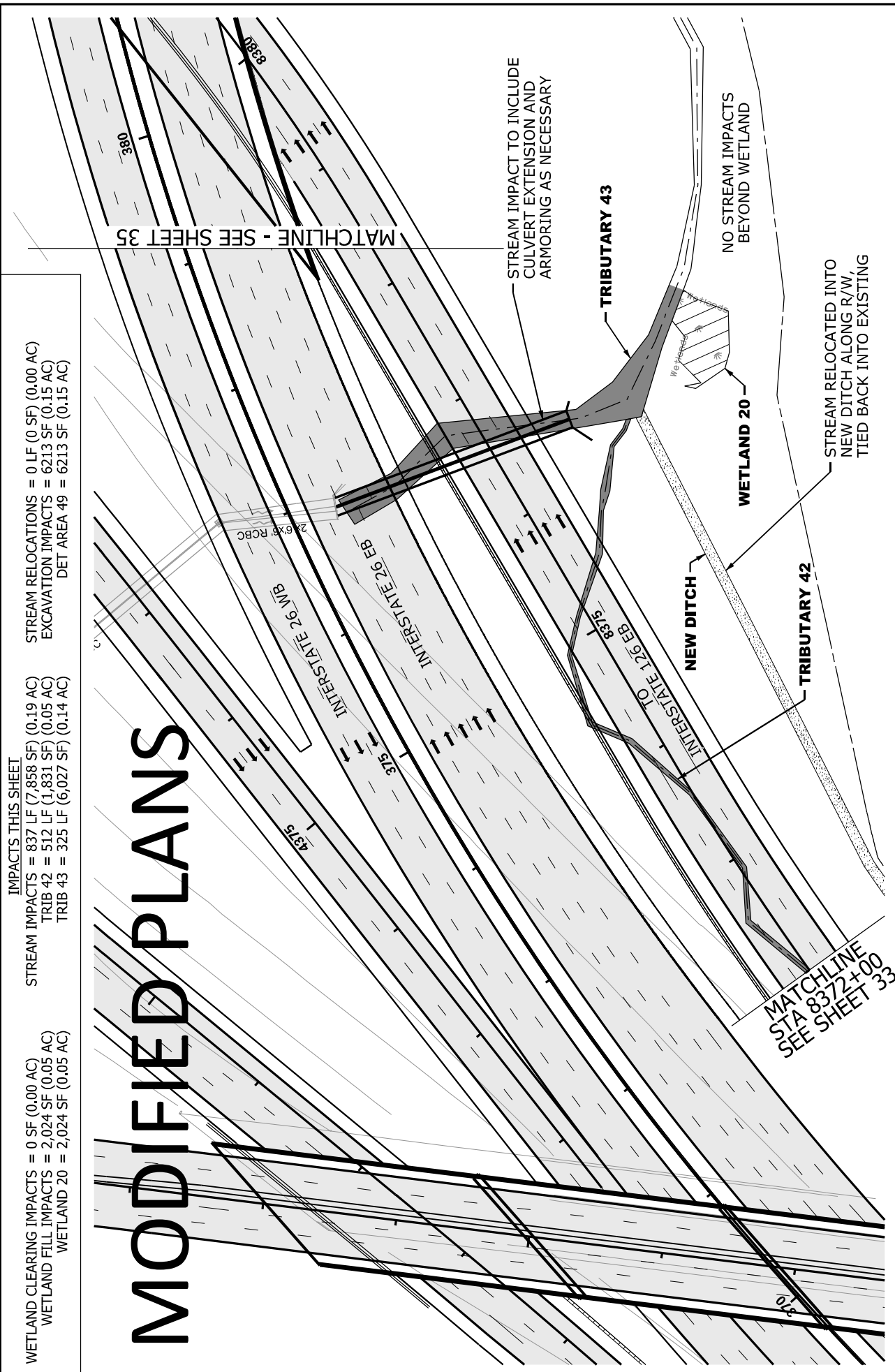
CAROLINA CROSSROADS
PROJECT ID NO. P0276622
RICHLAND COUNTY, SC
LEXINGTON COUNTY, SC
APPLICATION BY SCDOT
REVISED APRIL 1, 2022



South Carolina Department of Transportation

TRIBUTARY 42

SHEET 33 OF 78



MODIFIED PLANS

MATCHLINE - SEE SHEET 35

STREAM IMPACT TO INCLUDE
CULVERT EXTENSION AND
ARMORING AS NECESSARY

TRIBUTARY 43

NO STREAM IMPACTS
BEYOND WETLAND

STREAM RELOCATED INTO
NEW DITCH ALONG R/W,
TIED BACK INTO EXISTING

WETLAND 20

TRIBUTARY 42


MATCHLINE
STA 8372+00
SEE SHEET 33

STREAM RELOCATIONS = 0 LF (0.00 AC)
EXCAVATION IMPACTS = 6213 SF (0.15 AC)
DET AREA 49 = 6213 SF (0.15 AC)

STREAM IMPACTS = 837 LF (7,858 SF) (0.19 AC)
TRIB 42 = 512 LF (1,831 SF) (0.05 AC)
TRIB 43 = 325 LF (6,027 SF) (0.14 AC)

WETLAND CLEARING IMPACTS = 0 SF (0.00 AC)
WETLAND FILL IMPACTS = 2,024 SF (0.05 AC)
WETLAND 20 = 2,024 SF (0.05 AC)

IMPACTS THIS SHEET



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South Carolina Department of Transportation

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TRIBUTARY 42, 43
WETLAND 20

SHEET 34 OF 78

PERMIT BOUNDARY

PROJECT STUDY AREA
PSA

PROP MEDIAN BARRIER WALL

EXISTING ROAD

EXISTING RAILROAD

LEGEND

IMPACTED STREAM

PERMANENT FILL IMPACT

CLEARING IMPACT

RELOCATED DITCH

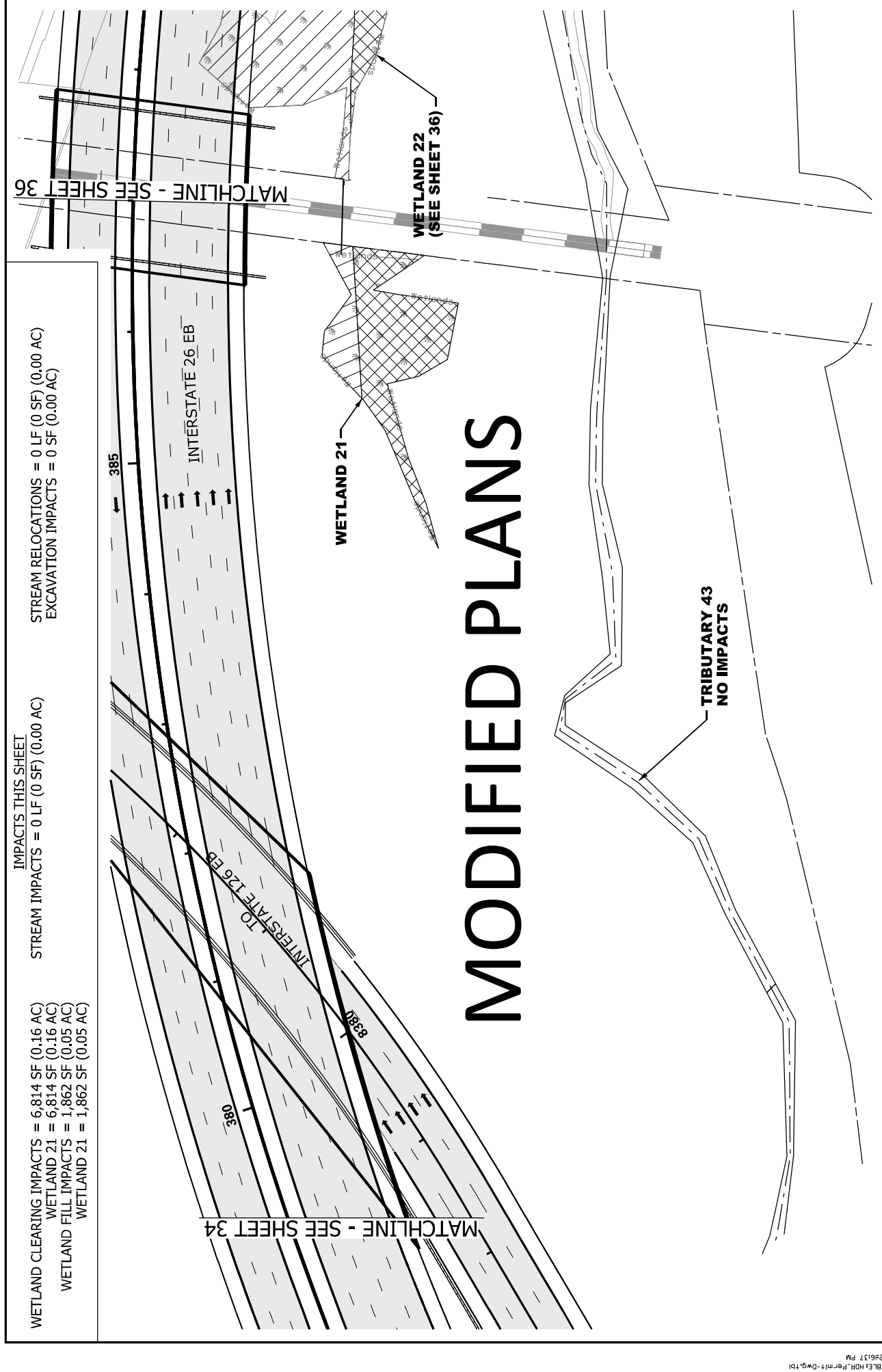
EXCAVATION IMPACT

WETLAND

PROPOSED PAVEMENT

0 100

GRAPHIC SCALE



WETLAND CLEARING IMPACTS = 6,814 SF (0.16 AC)
WETLAND 21 = 6,814 SF (0.16 AC)
WETLAND FILL IMPACTS = 1,862 SF (0.05 AC)
WETLAND 21 = 1,862 SF (0.05 AC)

IMPACTS THIS SHEET

STREAM IMPACTS = 0 LF (0 SF) (0.00 AC)
STREAM RELOCATIONS = 0 LF (0 SF) (0.00 AC)
EXCAVATION IMPACTS = 0 SF (0.00 AC)

LEGEND

	EXCAVATION IMPACT		IMPACTED STREAM
	WETLAND		PERMANENT FILL IMPACT
	PROPOSED PAVEMENT		CLEARING IMPACT
			RELOCATED DITCH

PERMIT BOUNDARY

PROJECT STUDY AREA
PSA

PROP MEDIAN BARRIER WALL

EXISTING ROAD

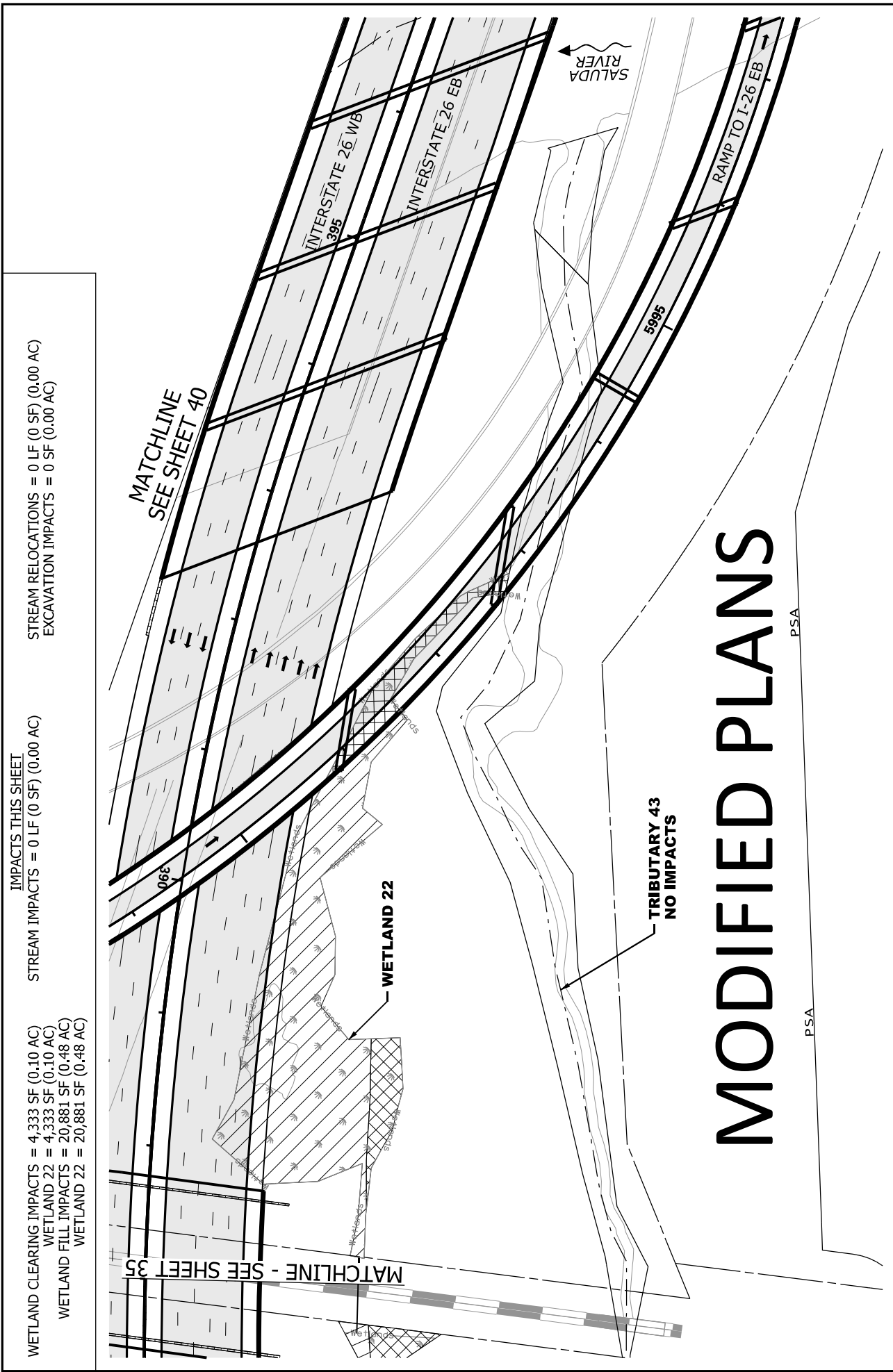
EXISTING RAILROAD

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WETLAND 21

SHEET 35 OF 78



WETLAND CLEARING IMPACTS = 4,333 SF (0.10 AC)
WETLAND 22 = 4,333 SF (0.10 AC)
WETLAND FILL IMPACTS = 20,881 SF (0.48 AC)
WETLAND 22 = 20,881 SF (0.48 AC)

IMPACTS THIS SHEET

STREAM IMPACTS = 0 LF (0 SF) (0.00 AC)
STREAM RELOCATIONS = 0 LF (0 SF) (0.00 AC)
EXCAVATION IMPACTS = 0 SF (0.00 AC)

0100
GRAPHIC SCALE

EXCAVATION IMPACT

WETLAND

PROPOSED PAVEMENT

IMPACTED STREAM

PERMANENT FILL IMPACT

CLEARING IMPACT

RELOCATED DITCH

PERMIT BOUNDARY

PROJECT STUDY AREA

PSA

PROP MEDIAN BARRIER WALL

EXISTING ROAD

EXISTING RAILROAD

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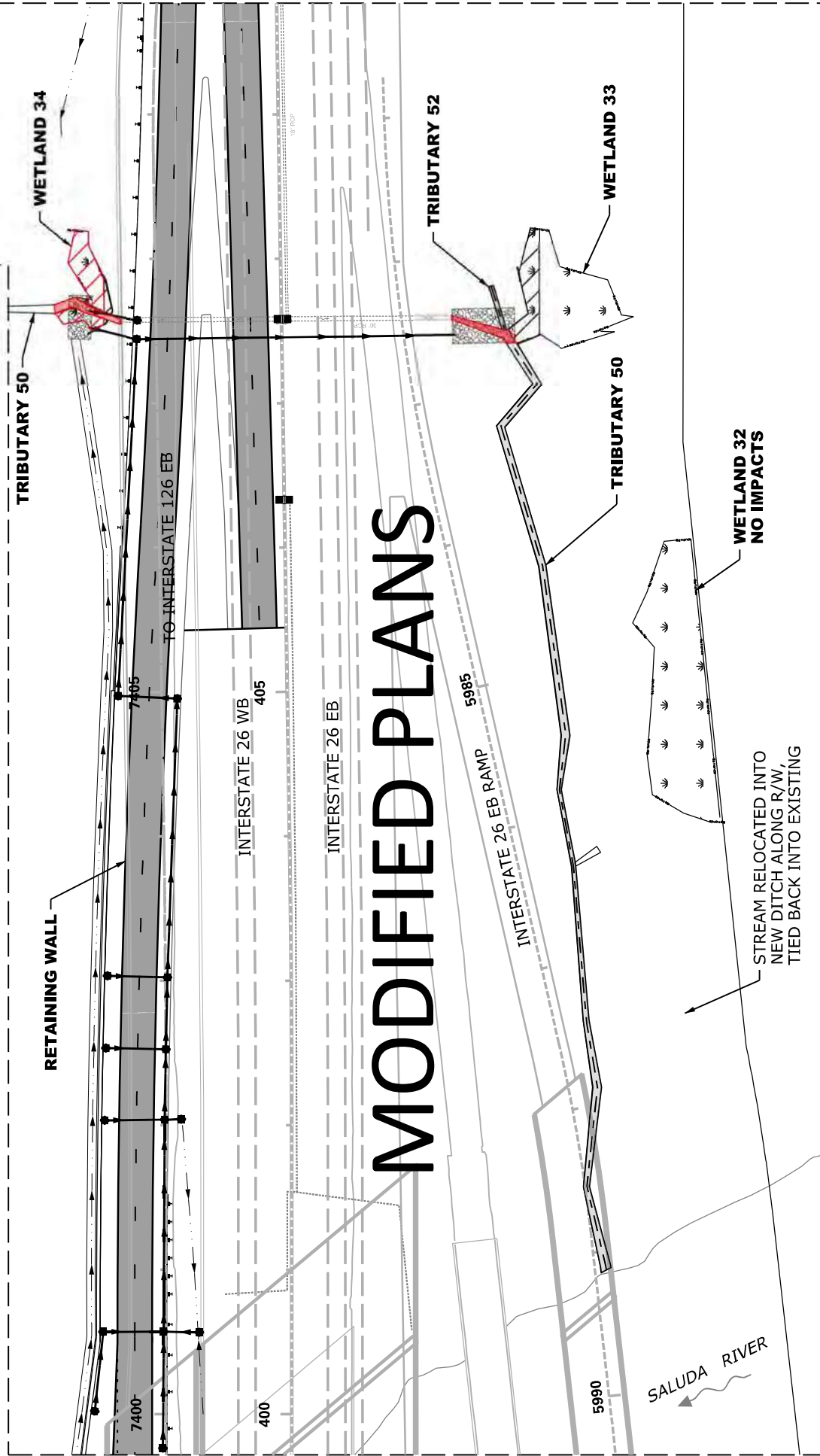
WETLAND 22

SHEET 36 OF 78

PHASE 1 IMPACTS THIS SHEET

WETLAND FILL IMPACTS = 2,055 SF (0.06 AC)
 WETLAND 33 = 923 SF (0.02 AC)
 WETLAND 34 = 1,132 SF (0.04 AC)
 STREAM IMPACTS = 796 LF (3,717 SF) (0.10 AC)
 TRIBUTARY 50 = 49 LF (265 SF) (0.01 AC)
 TRIBUTARY 50 = 712 LF (3,358 SF) (0.08 AC)
 TRIBUTARY 52 = 35 LF (94 SF) (0.01 AC)

*SEE SHEETS 69-73 FOR IMPACT REVISION SPREADSHEETS



MODIFIED PLANS

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TRIBUTARY 50
WETLAND 33, 34

SHEET 37 OF 78

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GRAPHIC SCALE

LEGEND

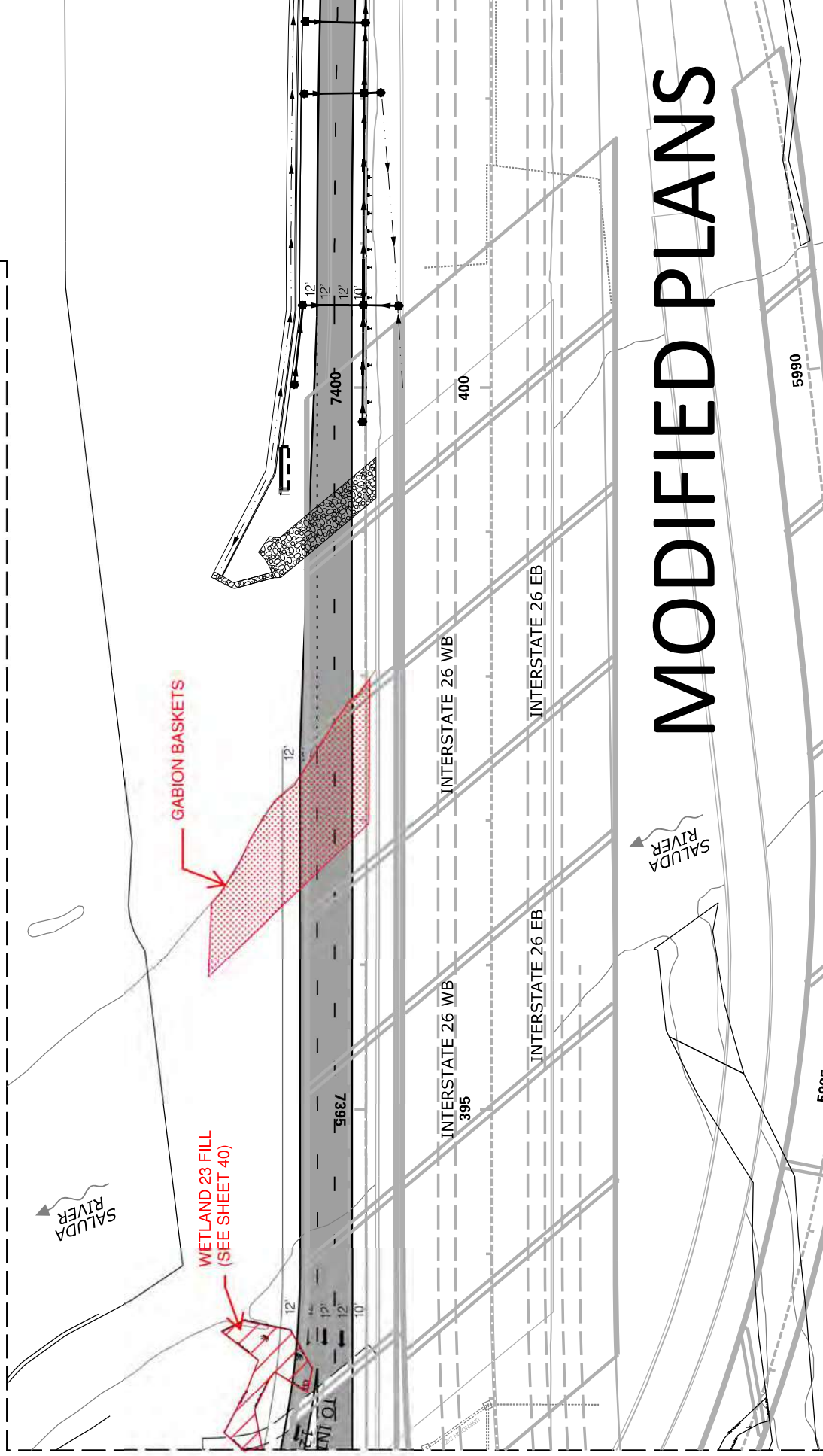
EXCAVATION IMPACT	IMPACTED STREAM	PERMIT BOUNDARY
WETLAND	PERMANENT FILL IMPACT	PROJECT STUDY AREA
MODIFIED DESIGN	CLEARING IMPACT	PROP MEDIAN BARRIER WALL
PERMITTED DESIGN	RELOCATED DITCH	EXISTING ROAD
		EXISTING RAILROAD

PHASE 1 IMPACTS THIS SHEET

GABION BASKET FOOTPRINT = 191 LF (8,458 SF) (0.19 AC)

*TEMPORARY GABION BASKET MATERIALS
WILL BE REMOVED AND AREA RETURNED TO
NATURAL CONTOURS WITH BANKS
APPROPRIATELY STABILIZED UPON
REMOVAL

*SEE SHEETS 69-73 FOR IMPACT REVISION SPREADSHEETS



MODIFIED PLANS

LEGEND

	EXCAVATION IMPACT		IMPACTED STREAM
	WETLAND		PERMANENT FILL IMPACT
	MODIFIED DESIGN		CLEARING IMPACT
	PERMITTED DESIGN		RELOCATED DITCH
			PROP MEDIAN BARRIER WALL
			EXISTING ROAD
			EXISTING RAILROAD

PERMIT BOUNDARY

PROJECT STUDY AREA

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PHASE 1 IMPACTS THIS SHEET

WETLAND CLEARING IMPACTS = 0 SF (0.00 AC)
WETLAND FILL IMPACTS = 0 SF (0.00 AC)

*SEE SHEETS 69-73 FOR IMPACT REVISION SPREADSHEETS

- MODIFIED IMPACTED STREAM
- MODIFIED PERMANENT FILL IMPACT
- MODIFIED CLEARING IMPACT

TRIBUTARY 57
NO IMPACTS

TRIBUTARY 53
NO IMPACTS

S-32-1814 (MCSWAIN DRIVE)

RETAINING WALL

MATCHLINE - SEE SHEET 39

FUTURE LANE

420

INTERSTATE 26 WB

425

INTERSTATE 26 EB

WETLAND 35
NO IMPACTS

MODIFIED PLANS



LEGEND

- EXCAVATION IMPACT
- WETLAND
- MODIFIED DESIGN
- PERMITTED DESIGN
- IMPACTED STREAM
- PERMANENT FILL IMPACT
- CLEARING IMPACT
- RELOCATED DITCH
- PERMIT BOUNDARY
- PROJECT STUDY AREA
- PROP MEDIAN BARRIER WALL
- EXISTING ROAD
- EXISTING RAILROAD

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TRIBUTARY 53 & 57
WETLAND 35

SHEET 38 OF 78

PHASE 1 IMPACTS THIS SHEET

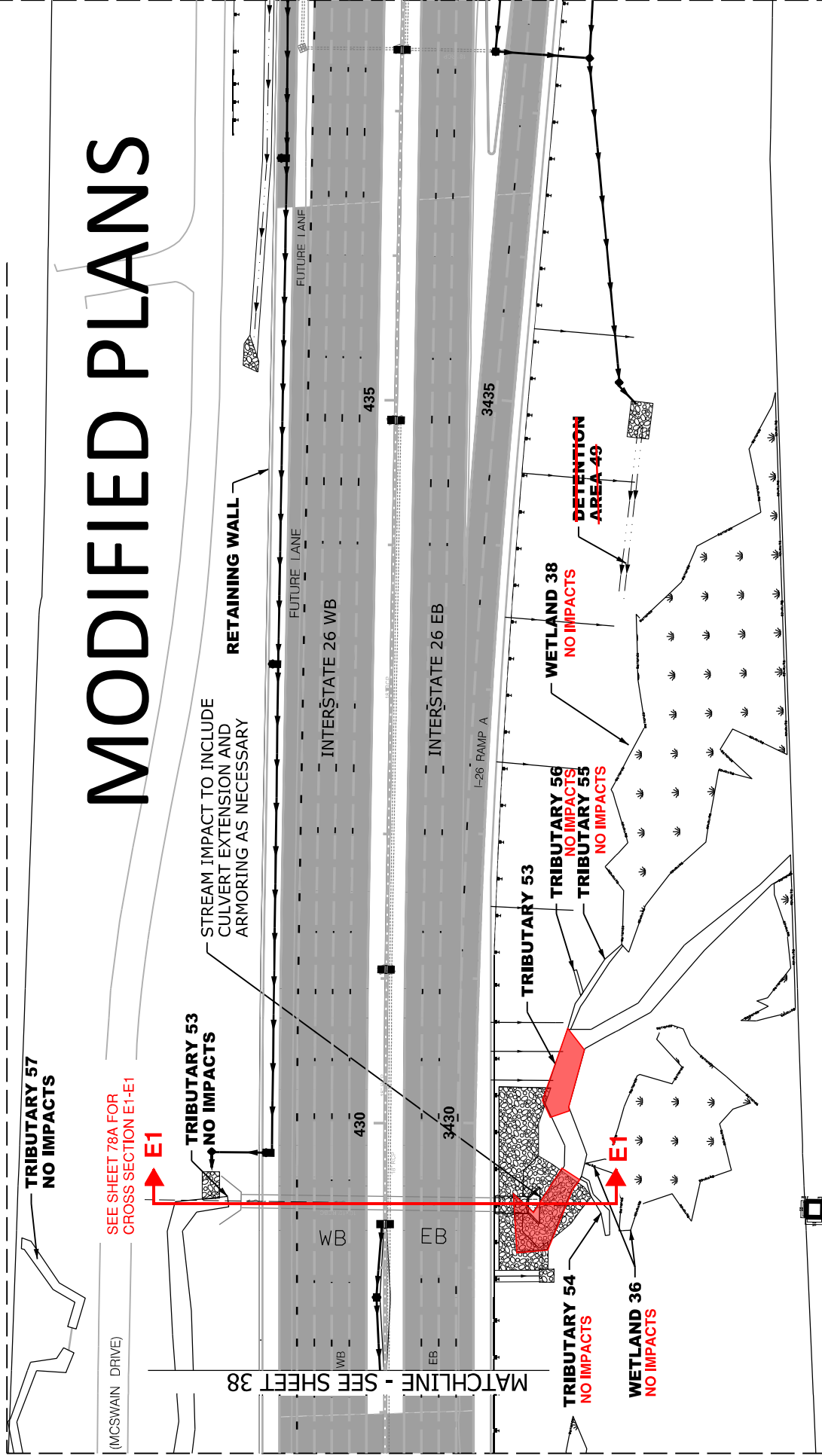
STREAM IMPACTS = 115 LF (2,215 SF) (0.05 AC)

TRIBUTARY 53 = 115 LF (2,215 SF) (0.05 AC)

*SEE SHEETS 69-73 FOR IMPACT REVISION SPREADSHEETS

- MODIFIED IMPACTED STREAM
- MODIFIED PERMANENT FILL IMPACT
- MODIFIED CLEARING IMPACT

MODIFIED PLANS



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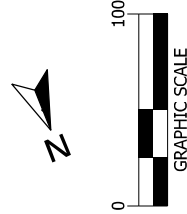


TRIBUTARY 53-56
WETLAND 36, 38

SHEET 39 OF 78

LEGEND

- EXCAVATION IMPACT
- WETLAND
- MODIFIED DESIGN
- PERMITTED DESIGN
- IMPACTED STREAM
- PERMANENT FILL IMPACT
- CLEARING IMPACT
- RELOCATED DITCH
- PERMIT BOUNDARY
- PROJECT STUDY AREA
- PROP MEDIAN BARRIER WALL
- EXISTING ROAD
- EXISTING RAILROAD



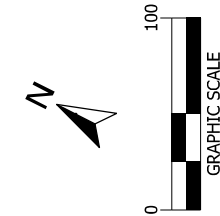
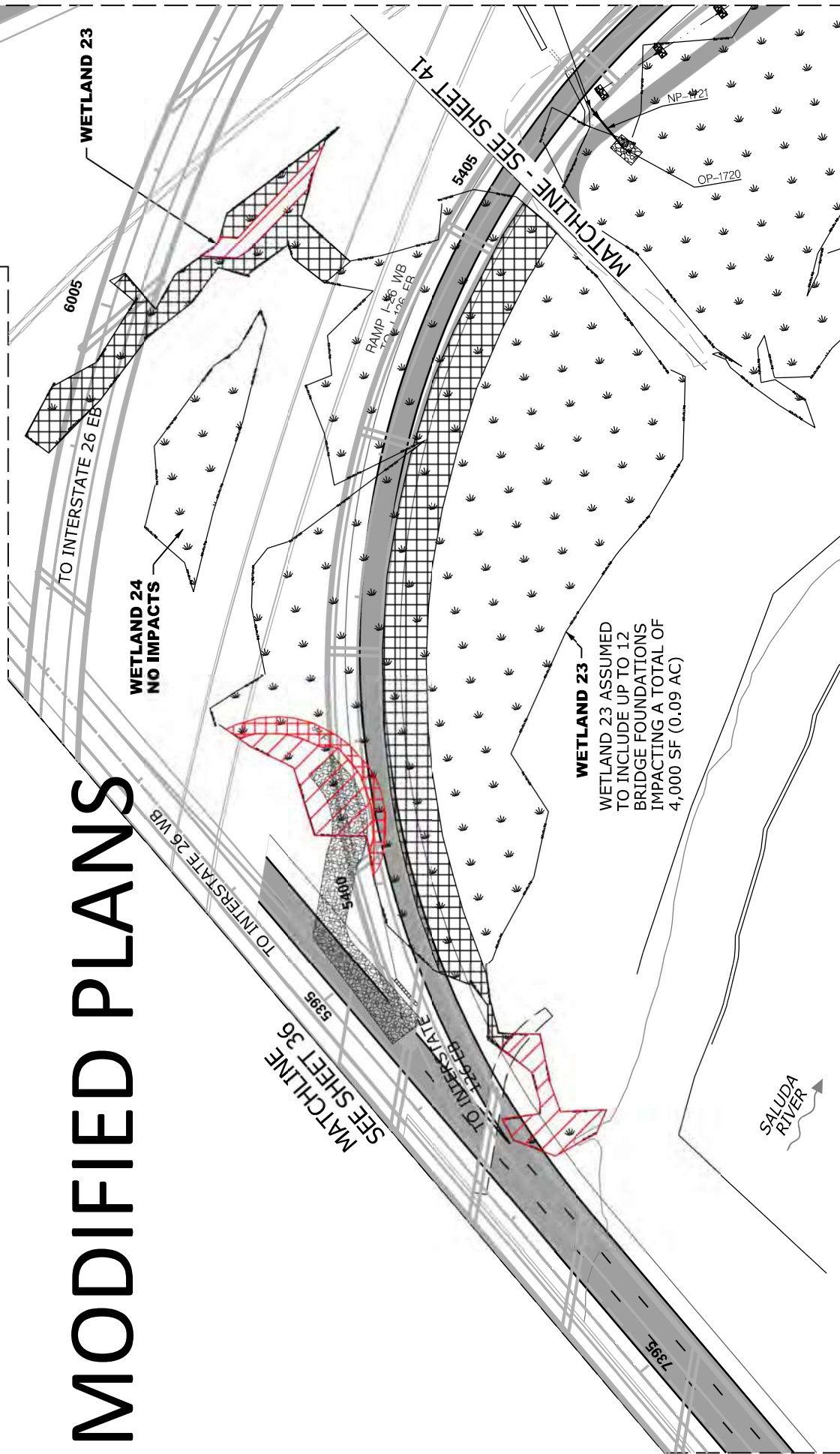
PHASE 1 IMPACTS THIS SHEET

WETLAND CLEARING IMPACTS = 25,644 SF (0.59 AC)
 WETLAND 23 = 25,644 SF (0.59 AC)
 WETLAND FILL IMPACTS = 10,779 SF (0.25 AC)
 WETLAND 23 = 10,779 SF (0.25 AC)

*SEE SHEETS 69-73 FOR IMPACT REVISION SPREADSHEETS

MODIFIED PLANS

- MODIFIED IMPACTED STREAM
- MODIFIED PERMANENT FILL IMPACT
- MODIFIED CLEARING IMPACT



LEGEND		PERMIT BOUNDARY	
[Symbol]	EXCAVATION IMPACT	[Symbol]	PROJECT STUDY AREA
[Symbol]	WETLAND	[Symbol]	PROP MEDIAN BARRIER WALL
[Symbol]	MODIFIED DESIGN	[Symbol]	EXISTING ROAD
[Symbol]	PERMITTED DESIGN	[Symbol]	EXISTING RAILROAD
[Symbol]	IMPACTED STREAM		
[Symbol]	PERMANENT FILL IMPACT		
[Symbol]	CLEARING IMPACT		
[Symbol]	RELOCATED DITCH		

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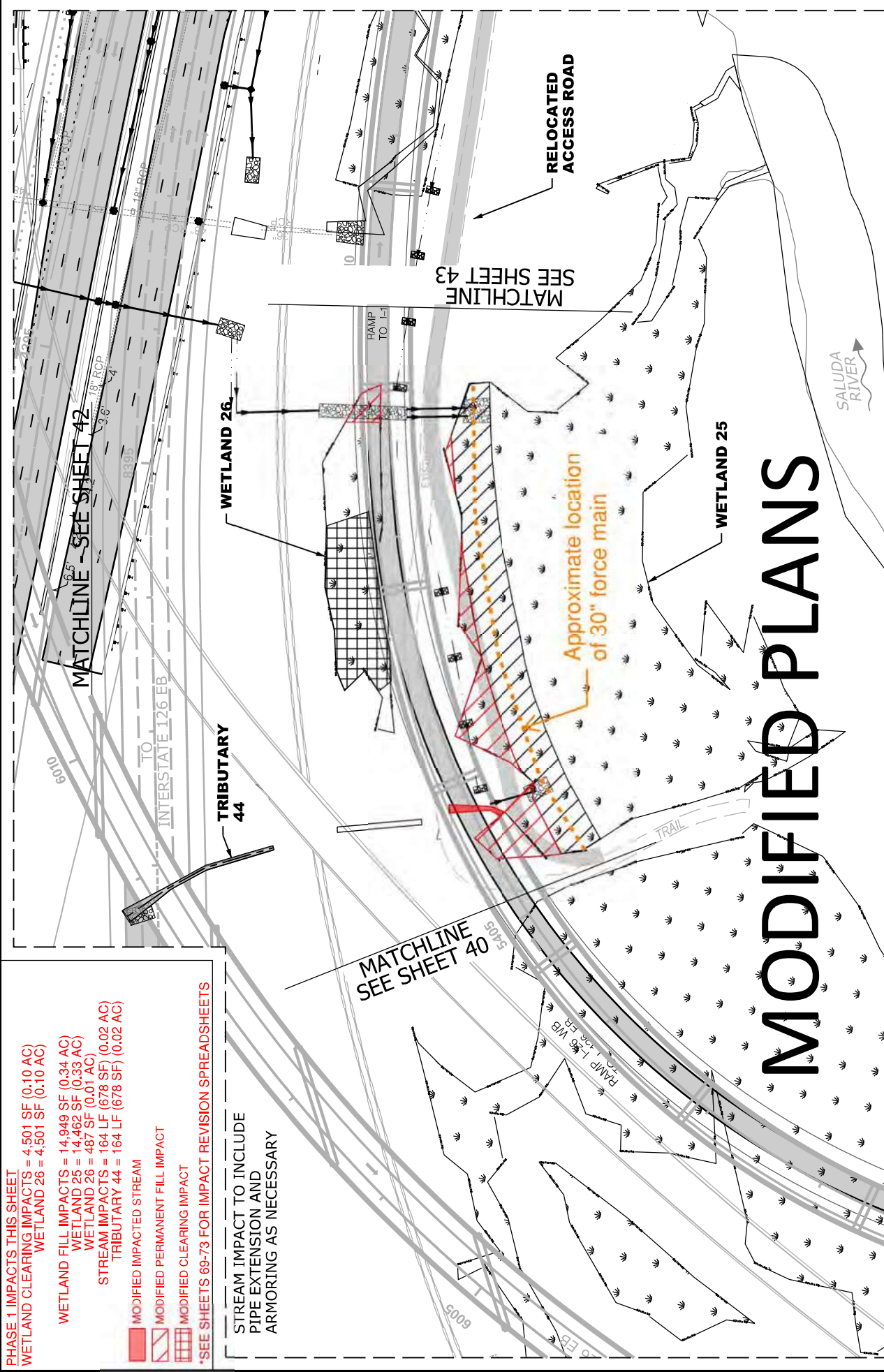
PHASE 1 IMPACTS THIS SHEET
 WETLAND CLEARING IMPACTS = 4.501 SF (0.10 AC)
 WETLAND 26 = 4.501 SF (0.10 AC)

WETLAND FILL IMPACTS = 14,949 SF (0.34 AC)
 WETLAND 25 = 14,462 SF (0.33 AC)
 WETLAND 26 = 487 SF (0.01 AC)
 STREAM IMPACTS = 164 LF (678 SF) (0.02 AC)
 TRIBUTARY 44 = 164 LF (678 SF) (0.02 AC)

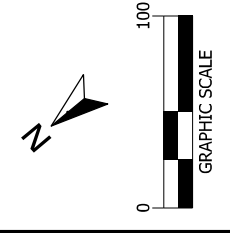
MODIFIED IMPACTED STREAM
MODIFIED PERMANENT FILL IMPACT
MODIFIED CLEARING IMPACT

***SEE SHEETS 69-73 FOR IMPACT REVISION SPREADSHEETS**

STREAM IMPACT TO INCLUDE
 PIPE EXTENSION AND
 ARMORING AS NECESSARY



MODIFIED PLANS



LEGEND		PERMIT BOUNDARY	
	EXCAVATION IMPACT		PROJECT STUDY AREA
	WETLAND		PROP MEDIAN BARRIER WALL
	MODIFIED DESIGN		EXISTING ROAD
	PERMITTED DESIGN		EXISTING RAILROAD
	IMPACTED STREAM		
	PERMANENT FILL IMPACT		
	CLEARING IMPACT		
	RELOCATED DITCH		

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PHASE 1 IMPACTS THIS SHEET

WETLAND FILL IMPACTS = 2,502 SF (0.06 AC)
WETLAND 28 = 2,502 SF (0.06 AC)

STREAM IMPACTS = 165 LF (566 SF) (0.01 AC)
TRIBUTARY 45 = 165 LF (566 SF) (0.01 AC)

*SEE SHEETS 69-73 FOR IMPACT REVISION SPREADSHEETS

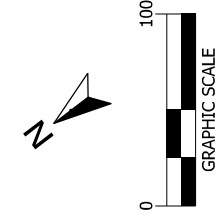
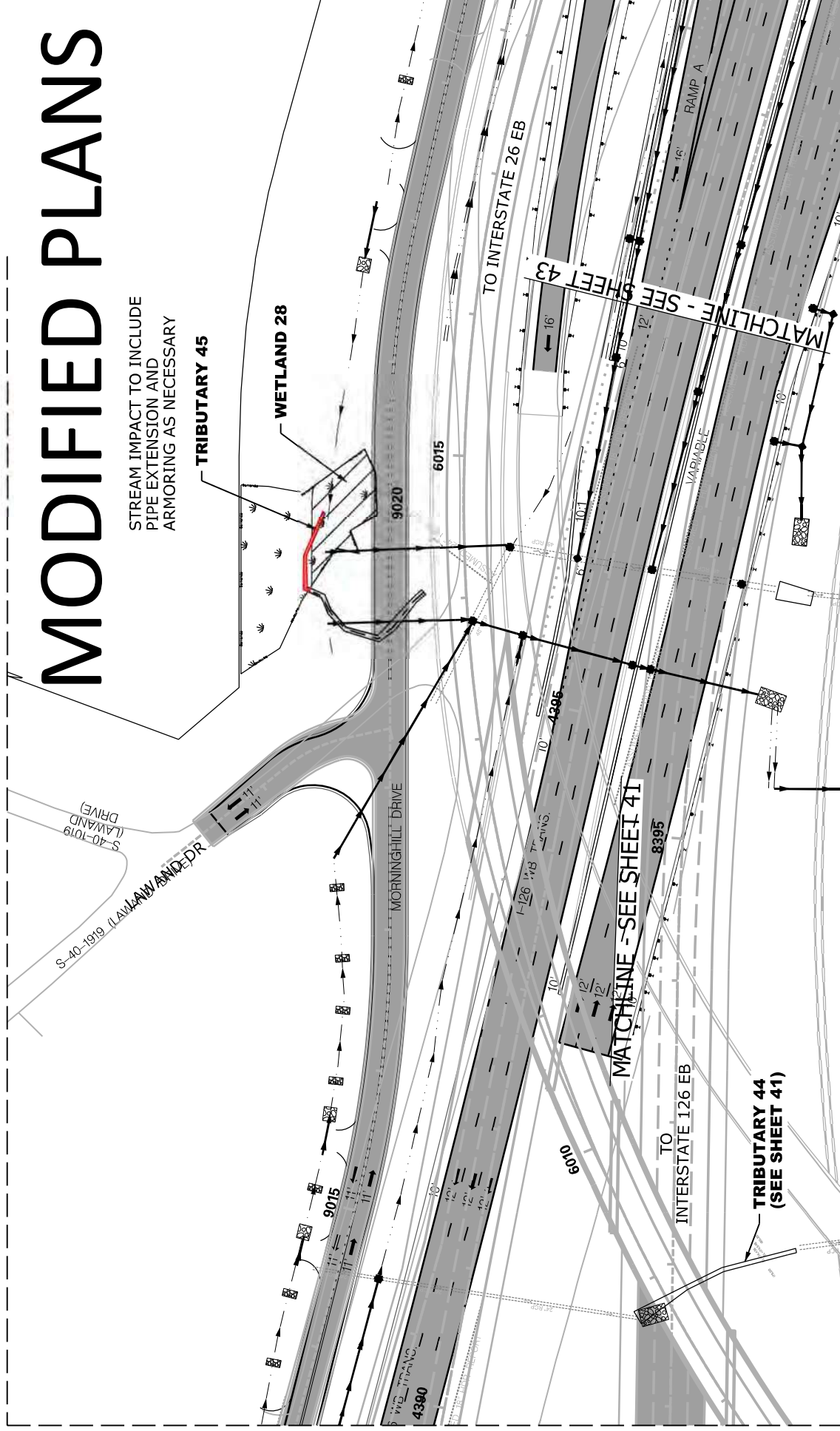
-  MODIFIED IMPACTED STREAM
-  MODIFIED PERMANENT FILL IMPACT
-  MODIFIED CLEARING IMPACT

MODIFIED PLANS














STREAM IMPACT TO INCLUDE
PIPE EXTENSION AND
ARMORING AS NECESSARY

TRIBUTARY 45

WETLAND 28



LEGEND

- | | | | | | |
|---|-------------------|---|-----------------------|---|--------------------------|
|  | EXCAVATION IMPACT |  | IMPACTED STREAM |  | PERMIT BOUNDARY |
|  | WETLAND |  | PERMANENT FILL IMPACT |  | PROJECT STUDY AREA |
|  | MODIFIED DESIGN |  | CLEARING IMPACT |  | PROP MEDIAN BARRIER WALL |
|  | PERMITTED DESIGN |  | RELOCATED DITCH |  | EXISTING ROAD |
| | | | |  | EXISTING RAILROAD |

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TRIBUTARY 45
WETLAND 28

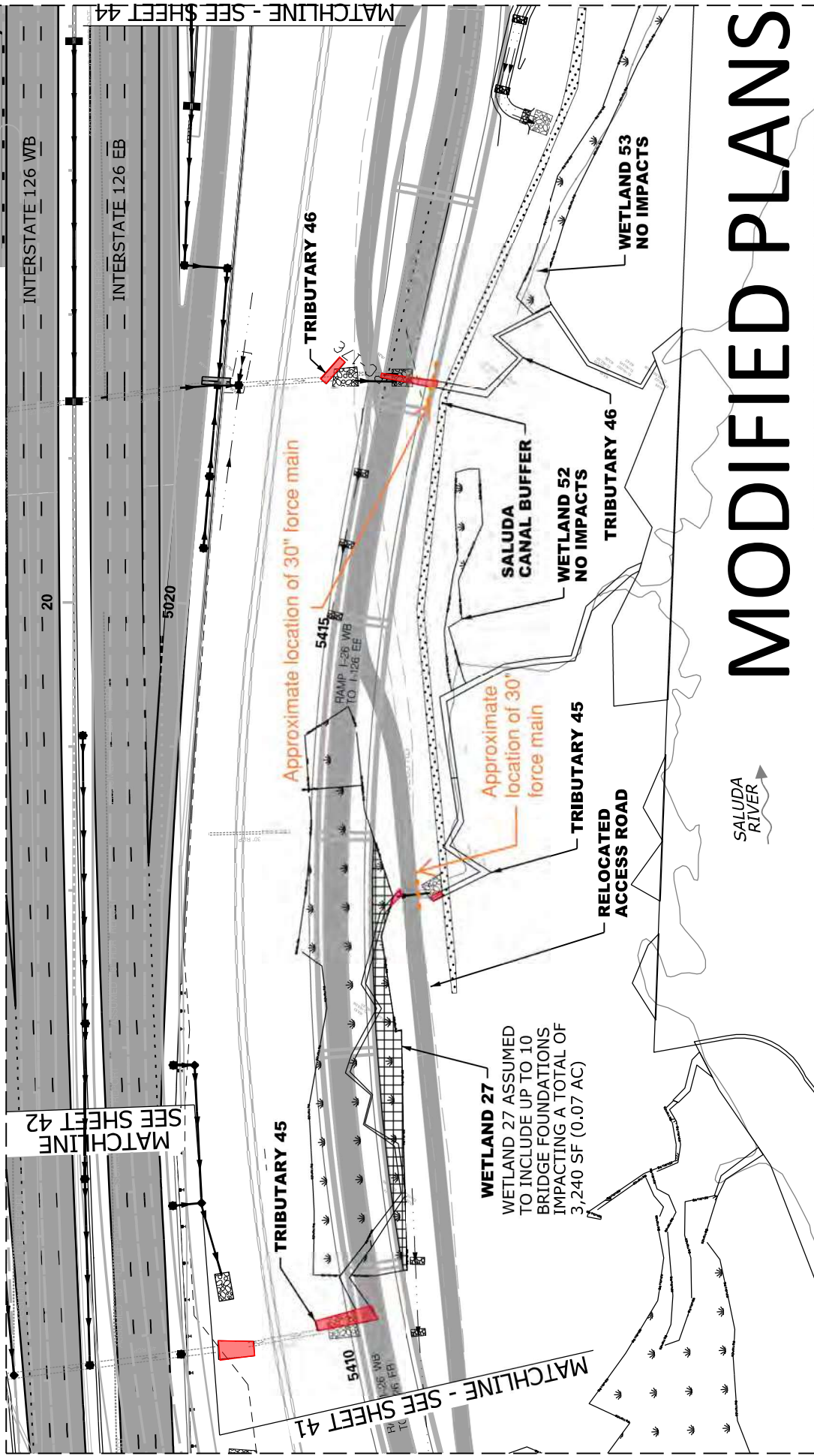
SHEET 42 OF 78

PHASE 1 IMPACTS THIS SHEET

WETLAND CLEARING IMPACTS = 3,214 SF (0.07 AC)
 WETLAND 27 = 3,214 SF (0.07 AC)
 WETLAND FILL IMPACTS = 3,240 SF (0.07 AC)
 WETLAND 27 = 3,240 SF (0.07 AC)

STREAM IMPACTS = 164 LF (1,048 SF) (0.02 AC)
 TRIBUTARY 45 = 84 LF (696 SF) (0.01 AC)
 TRIBUTARY 46 = 80 LF (352 SF) (0.01 AC)

*SEE SHEETS 69-73 FOR IMPACT REVISION SPREADSHEETS



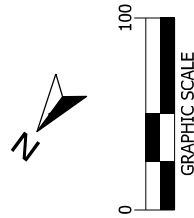
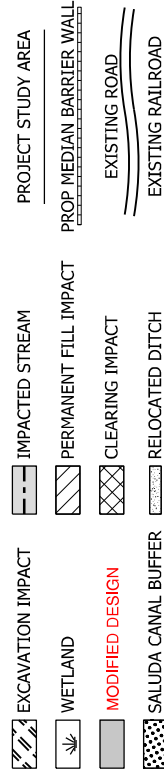
MODIFIED PLANS

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TRIBUTARY 45
 WETLAND 27, 52 & 53
 SHEET 43 OF 78

LEGEND



PHASE 1 IMPACTS THIS SHEET
STREAM IMPACTS = 451 LF (7,171 SF) (0.16 AC)
TRIBUTARY 47 = 451 LF (7,171 SF) (0.16 AC)
*SEE SHEETS 69-73 FOR IMPACT REVISION SPREADSHEETS

MODIFIED PLANS

MODIFIED IMPACTED STREAM
MODIFIED PERMANENT FILL IMPACT
MODIFIED CLEARING IMPACT

STREAM IMPACT TO INCLUDE
PIPE EXTENSION AND
ARMORING AS NECESSARY

TRIBUTARY 47

MORNINGHILL DRIVE

RAMP 1-126 WB TO FLYOVER

RAMP A2 RAMP A2

RAMP A

RAMP A

RAMP B

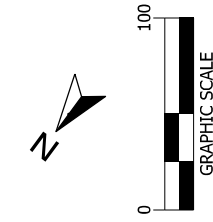
RAMP B

MATCHLINE - SEE SHEET 45

INTERSTATE 126 WB

INTERSTATE 126 EB

MATCHLINE - SEE SHEET 43



LEGEND

- | | | | |
|--|-------------------|--|--------------------------|
| | EXCAVATION IMPACT | | IMPACTED STREAM |
| | WETLAND | | PERMANENT FILL IMPACT |
| | MODIFIED DESIGN | | CLEARING IMPACT |
| | PERMITTED DESIGN | | RELOCATED DITCH |
| | | | PROP MEDIAN BARRIER WALL |
| | | | EXISTING ROAD |
| | | | EXISTING RAILROAD |

PERMIT BOUNDARY

PROJECT STUDY AREA

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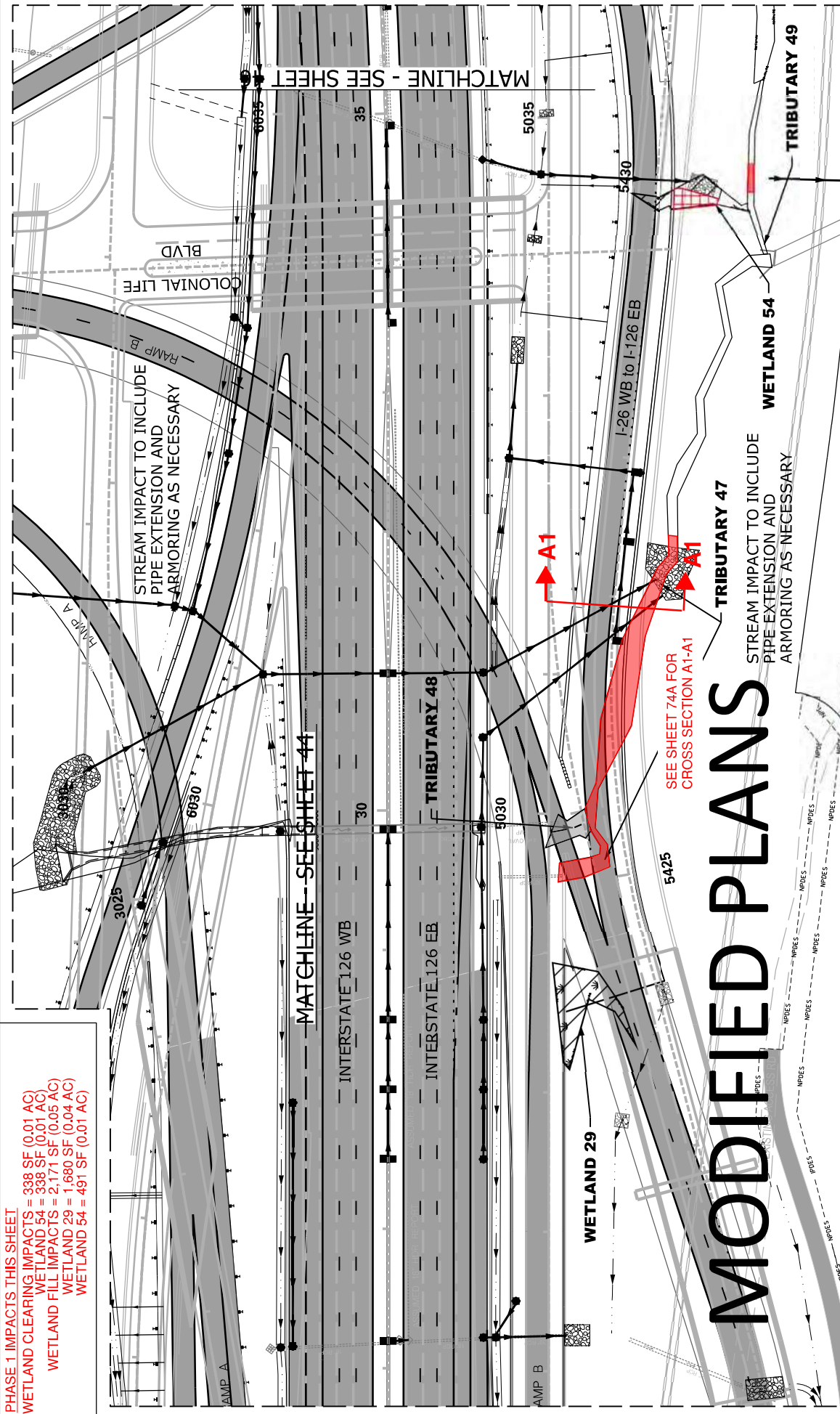
South Carolina Department of Transportation

TRIBUTARY 47

SHEET 44 OF 78

PHASE 1 IMPACTS THIS SHEET

WETLAND CLEARING IMPACTS = 338 SF (0.01 AC)
 WETLAND 54 = 338 SF (0.01 AC)
 WETLAND FILL IMPACTS = 2,171 SF (0.05 AC)
 WETLAND 29 = 1,680 SF (0.04 AC)
 WETLAND 54 = 491 SF (0.01 AC)



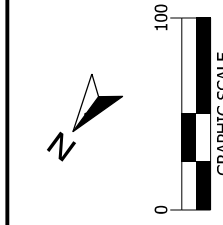
PHASE 1 IMPACTS THIS SHEET
 STREAM IMPACTS = 330 LF (3,816 SF) (0.10 AC)
 TRIBUTARY 47 = 282 LF (3,270 SF) (0.08 AC)
 TRIBUTARY 48 = 28 LF (455 SF) (0.01 AC)
 TRIBUTARY 49 = 20 LF (91 SF) (0.01 AC)

LEGEND

	EXCAVATION IMPACT		IMPACTED STREAM		PERMIT BOUNDARY
	WETLAND		PERMANENT FILL IMPACT		PROJECT STUDY AREA
	MODIFIED DESIGN		CLEARING IMPACT		PROP MEDIAN BARRIER WALL
	PERMITTED DESIGN		RELOCATED DITCH		EXISTING ROAD
			EXISTING RAILROAD		

MODIFIED IMPACTED STREAM
 MODIFIED PERMANENT FILL IMPACT
 MODIFIED CLEARING IMPACT

***SEE SHEETS 69-73 FOR IMPACT REVISION SPREADSHEETS**



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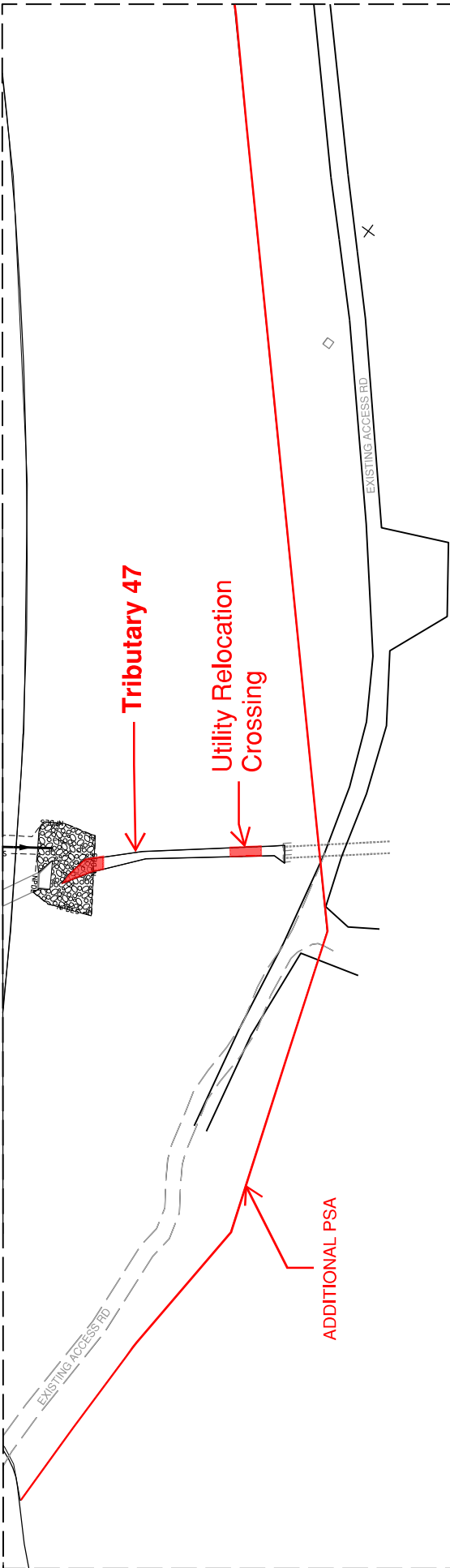
TRIBUTARY 47
 WETLAND 29 & 54

SHEET 45 OF 78

MATCHLINE SEE SHEET 45A

MATCHLINE - SEE SHEET

MATCHLINE SEE SHEET 45



MODIFIED PLANS

PHASE I IMPACTS THIS SHEET
STREAM IMPACTS = 42 LF (254 SF) (0.01 AC)
TRIBUTARY 47 = 42 LF (254 SF) (0.01 AC)

***SEE SHEETS 69-73 FOR IMPACT REVISION SPREADSHEETS**

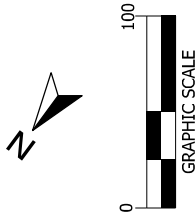
MODIFIED IMPACTED STREAM

MODIFIED PERMANENT FILL IMPACT

MODIFIED CLEARING IMPACT

LEGEND

- | | | | |
|--|-----------------------|--|--------------------------|
| | EXCAVATION IMPACT | | PERMIT BOUNDARY |
| | WETLAND | | PROJECT STUDY AREA |
| | MODIFIED DESIGN | | PROP MEDIAN BARRIER WALL |
| | PERMITTED DESIGN | | EXISTING ROAD |
| | IMPACTED STREAM | | EXISTING RAILROAD |
| | PERMANENT FILL IMPACT | | |
| | CLEARING IMPACT | | |
| | RELOCATED DITCH | | |



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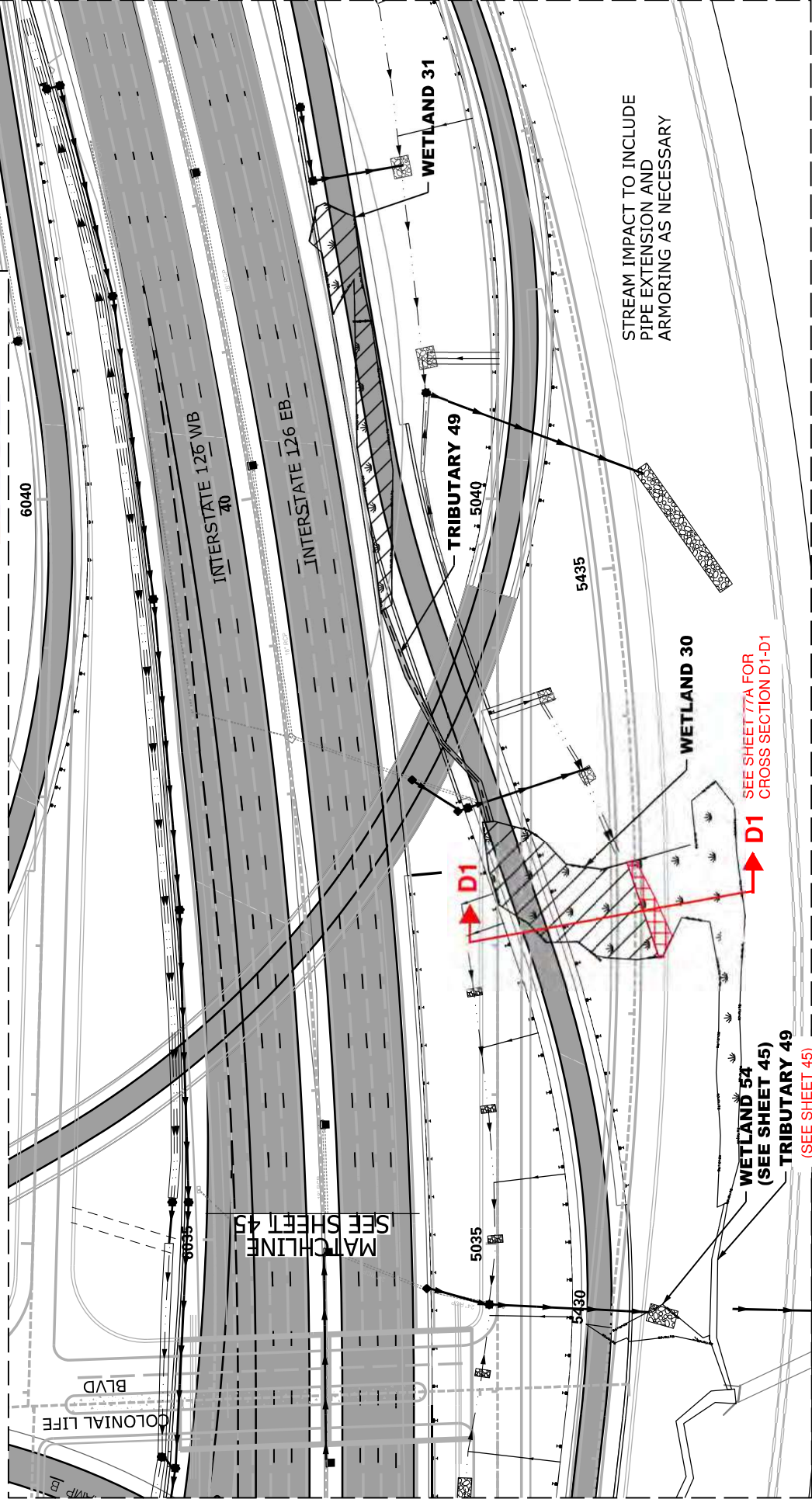
TRIBUTARY 47

SHEET 45A OF 78

PHASE 1 IMPACTS THIS SHEET
 WETLAND CLEARING IMPACTS = 663 SF (0.02 AC)
 WETLAND 30 = 663 SF (0.02 AC)
 WETLAND FILL IMPACTS = 10,788 SF (0.25 AC)
 WETLAND 31 = 4,626 SF (0.11 AC)
 WETLAND 30 = 6,162 SF (0.14 AC)

STREAM IMPACTS = 162 LF (549 SF) (0.01 AC)
 TRIBUTARY 49 = 162 LF (549 SF) (0.01 AC)

*SEE SHEETS 69-73 FOR IMPACT REVISION SPREADSHEETS

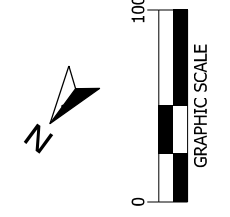


MODIFIED PLANS

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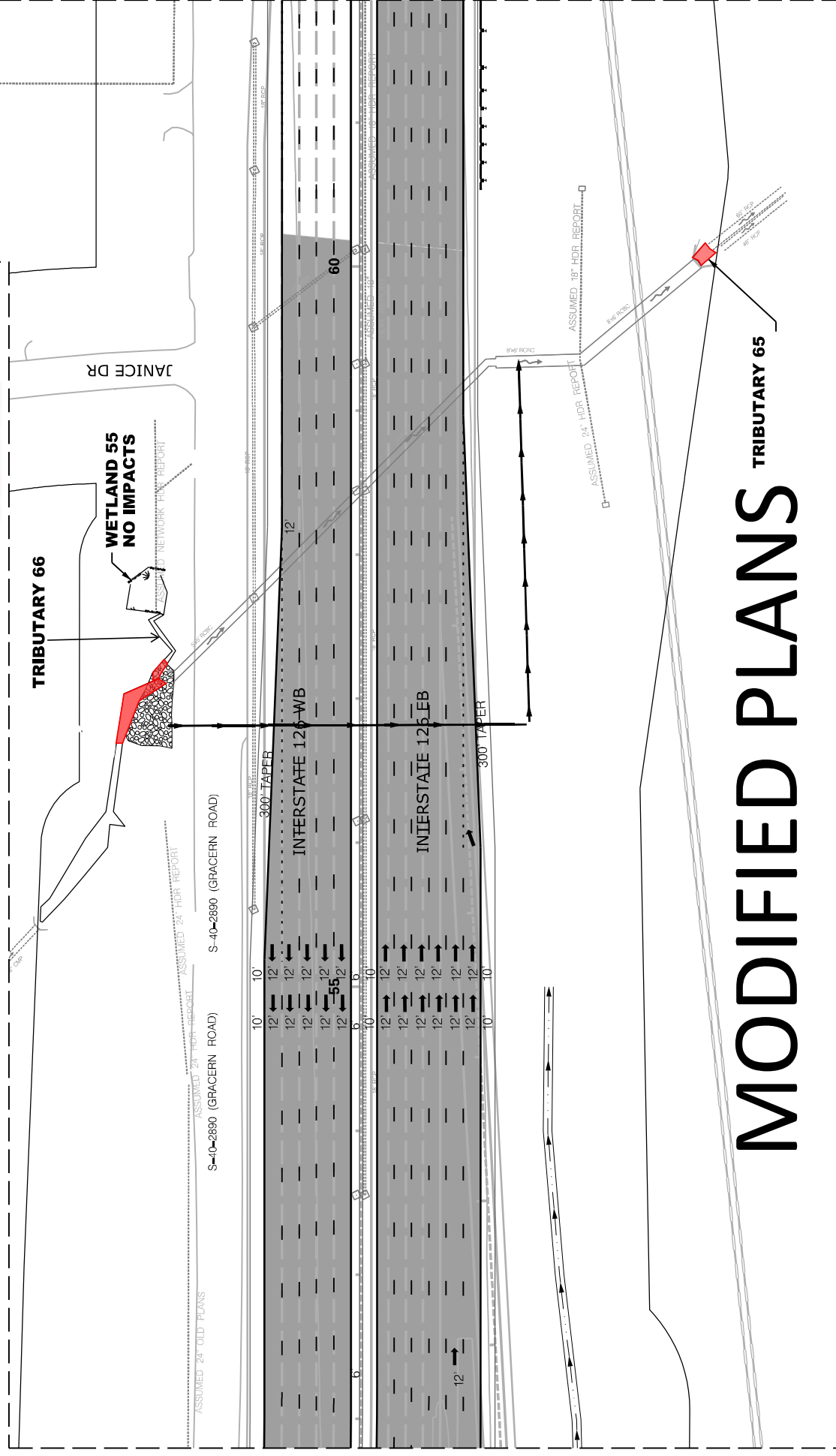
PERMIT BOUNDARY
 PROJECT STUDY AREA
 PROP MEDIAN BARRIER WALL
 EXISTING ROAD
 EXISTING RAILROAD

LEGEND
 IMPACTED STREAM
 PERMANENT FILL IMPACT
 CLEARING IMPACT
 RELOCATED DITCH
 EXCAVATION IMPACT
 WETLAND
 MODIFIED DESIGN
 PERMITTED DESIGN

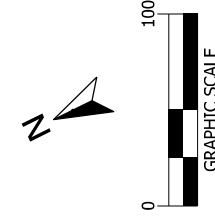


STREAM IMPACTS = 83 LF (611 SF) (0.02 AC)
 TRIBUTARY 65 = 68 LF (549 SF) (0.01 AC)
 TRIBUTARY 66 = 15 LF (62 SF) (0.01 AC)

*SEE SHEETS 69-73 FOR IMPACT REVISION SPREADSHEETS



MODIFIED PLANS



LEGEND

- EXCAVATION IMPACT
- WETLAND
- MODIFIED DESIGN
- PERMITTED DESIGN
- IMPACTED STREAM
- PERMANENT FILL IMPACT
- CLEARING IMPACT
- RELOCATED DITCH
- PERMIT BOUNDARY
- PROJECT STUDY AREA
- PROP. MEDIAN BARRIER WALL
- EXISTING ROAD
- EXISTING RAILROAD

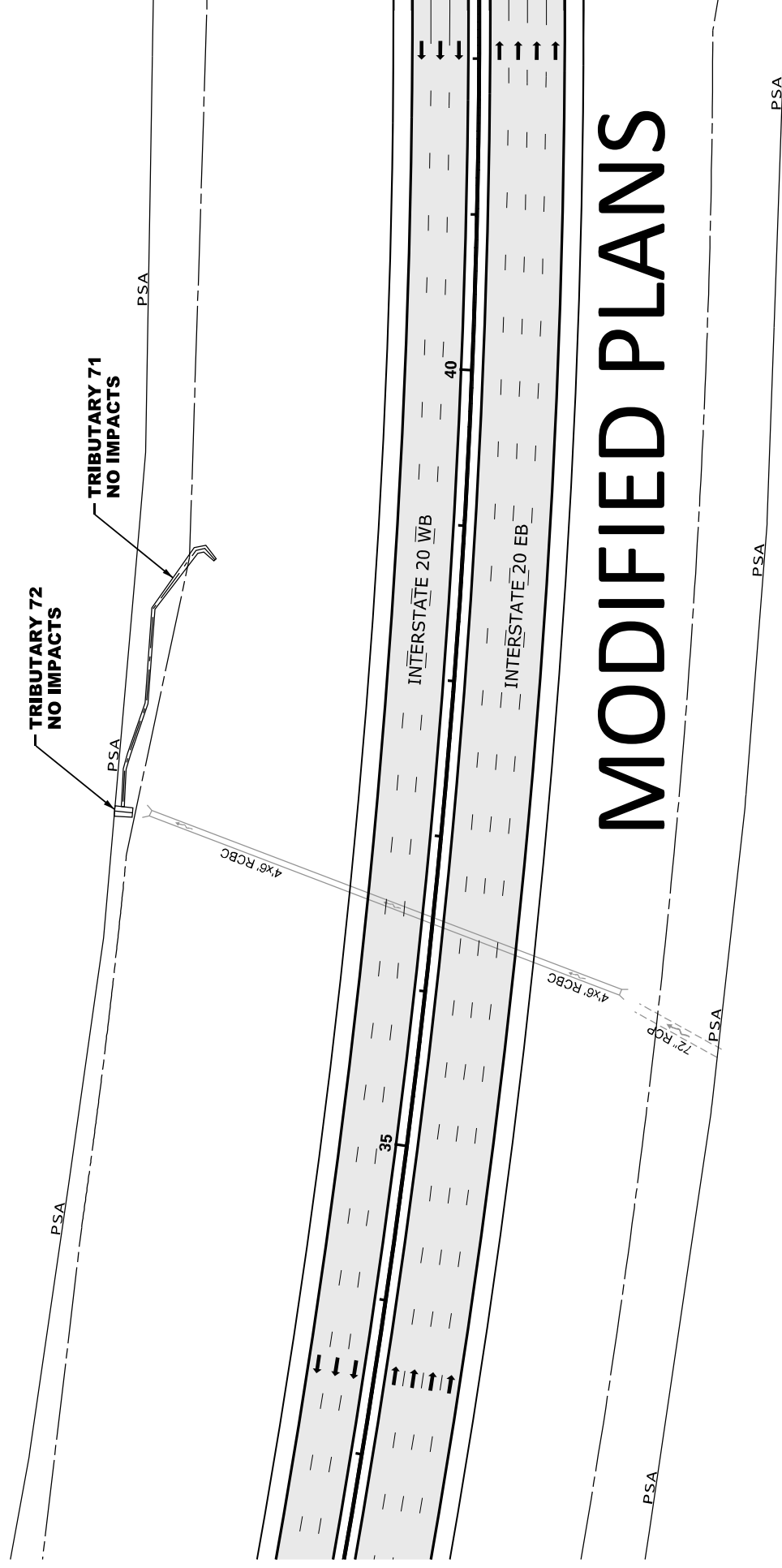
CAROLINA CROSSROADS
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WETLAND CLEARING IMPACTS = 0 SF (0.00 AC)
WETLAND FILL IMPACTS = 0 SF (0.00 AC)

IMPACTS THIS SHEET

STREAM IMPACTS = 0 LF (0 SF) (0.00 AC)

STREAM RELOCATIONS = 0 LF (0 SF) (0.00 AC)
EXCAVATION IMPACTS = 0 SF (0.00 AC)



MODIFIED PLANS

LEGEND

- IMPACTED STREAM
- PERMANENT FILL IMPACT
- CLEARING IMPACT
- RELOCATED DITCH
- PERMIT BOUNDARY
- PROJECT STUDY AREA
- PSA
- PROP MEDIAN BARRIER WALL
- EXISTING ROAD
- EXISTING RAILROAD

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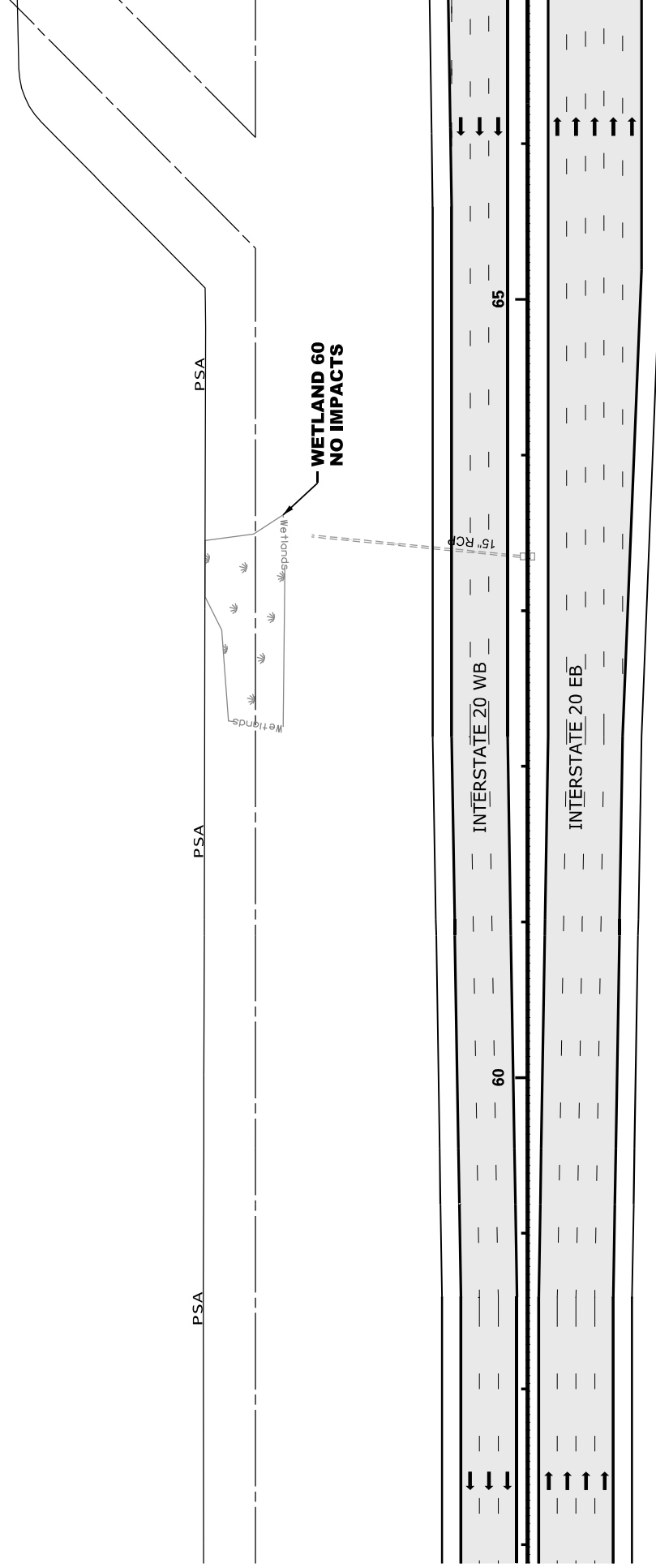
TRIBUTARY 71

SHEET 48 OF 78








WETLAND CLEARING IMPACTS = 0 SF (0.00 AC)
WETLAND FILL IMPACTS = 0 SF (0.00 AC)

IMPACTS THIS SHEET
STREAM IMPACTS = 0 LF (0 SF) (0.00 AC)

STREAM RELOCATIONS = 0 LF (0 SF) (0.00 AC)
EXCAVATION IMPACTS = 0 SF (0.00 AC)



MODIFIED PLANS

	<p>LEGEND</p>	<p>CAROLINA CROSSROADS PROJECT ID NO. P027662 RICHLAND COUNTY, SC LEXINGTON COUNTY, SC APPLICATION BY SCDOT</p>	 <p>South Carolina Department of Transportation</p>
	<p>EXCAVATION IMPACT</p>	<p>PERMIT BOUNDARY</p>	
	<p>WETLAND</p>	<p>PROJECT STUDY AREA PSA</p>	
	<p>PROPOSED PAVEMENT</p>	<p>PROP MEDIAN BARRIER WALL</p>	
	<p>CLEARING IMPACT</p>	<p>EXISTING ROAD</p>	
	<p>RELOCATED DITCH</p>	<p>EXISTING RAILROAD</p>	
 <p>0 100</p>	<p>GRAPHIC SCALE</p>	<p>WETLAND 60</p>	<p>SHEET 49 OF 78</p>
<p> <small> PLOT DRIVE: C:\R\LETTER_PDF\p027662.dgn USER: CMOLFE DATE: 11/5/2019 TIME: 2:10:34 PM FILE: C:\R\Permit-Dwg-49.dgn </small> </p>		<p>REVISED APRIL 1, 2022</p>	

WETLAND CLEARING IMPACTS = 0 SF (0.00 AC)
WETLAND FILL IMPACTS = 0 SF (0.00 AC)

IMPACTS THIS SHEET
STREAM IMPACTS = 0 LF (0 SF) (0.00 AC)

STREAM RELOCATIONS = 0 LF (0 SF) (0.00 AC)
EXCAVATION IMPACTS = 0 SF (0.00 AC)

PSA

MODIFIED PLANS

MATCHLINE - SEE SHEET 51

INTERSTATE 20 WB

70

75

INTERSTATE 20 EB

DAVEGA RD

PSA

**— TRIBUTARY 69
NO IMPACTS**

**- WETLAND 48
NO IMPACTS**

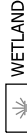
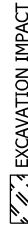
PSA



0
100

GRAPHIC SCALE

LEGEND



PERMIT BOUNDARY

PROJECT STUDY AREA
PSA

PROP MEDIAN BARRIER WALL

EXISTING ROAD

EXISTING RAILROAD

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TRIBUTARY 69
WETLAND 48

SHEET 50 OF 78

WETLAND CLEARING IMPACTS = 0 SF (0.00 AC)
WETLAND FILL IMPACTS = 0 SF (0.00 AC)

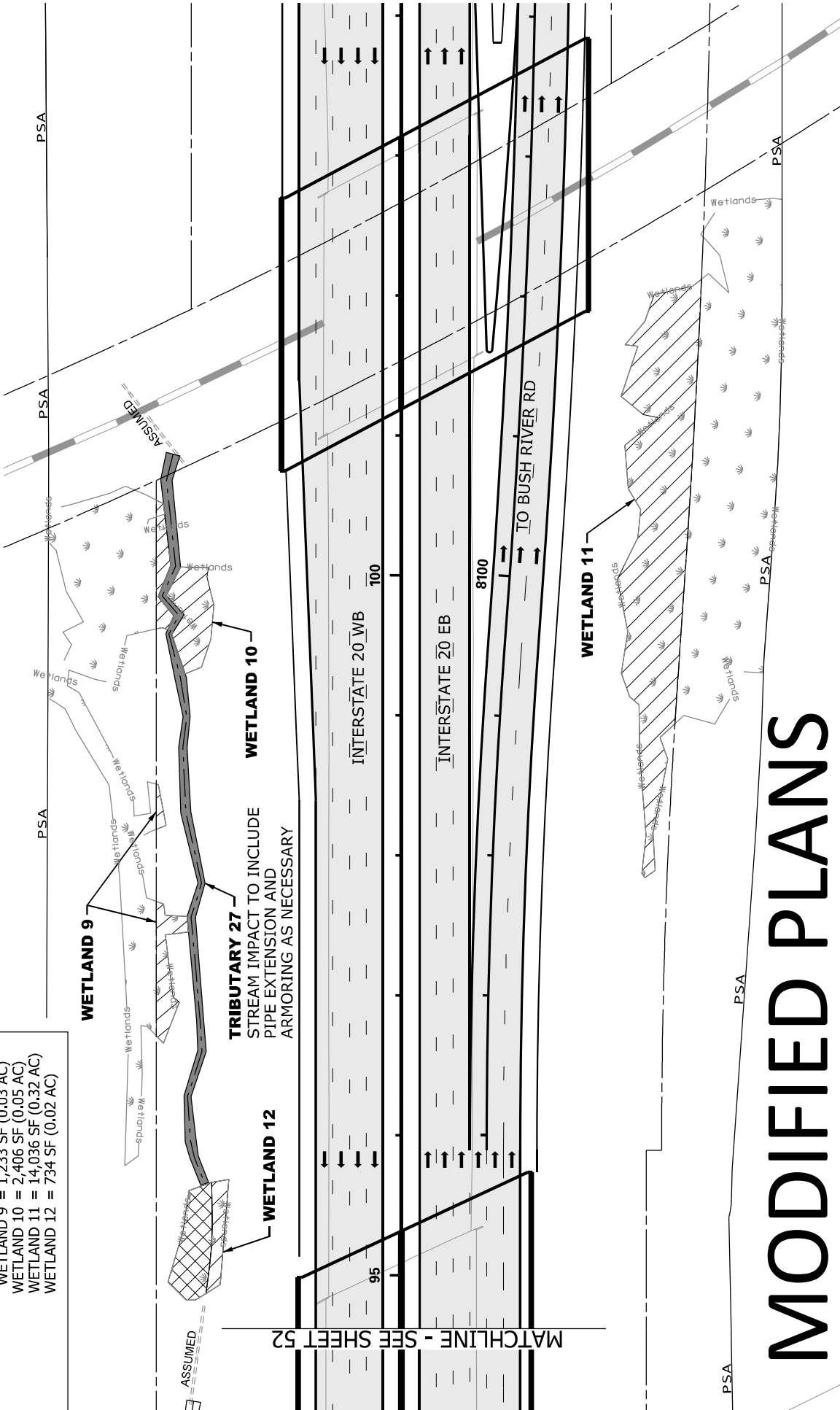
WETLAND CLEARING IMPACTS = 0 SF (0.00 AC)
WETLAND FILL IMPACTS = 0 SF (0.00 AC)

WETLAND CLEARING IMPACTS = 1,744 SF (0.04 AC)
 WETLAND 12 = 1,744 SF (0.04 AC)

WETLAND FILL IMPACTS = 18,409 SF (0.42 AC)
 WETLAND 9 = 1,233 SF (0.03 AC)
 WETLAND 10 = 2,406 SF (0.05 AC)
 WETLAND 11 = 14,036 SF (0.32 AC)
 WETLAND 12 = 734 SF (0.02 AC)

IMPACTS THIS SHEET
 STREAM IMPACTS = 539 LF (3,331 SF) (0.08 AC)
 TRIB 27 = 539 LF (3,331 SF) (0.08 AC)

STREAM RELOCATIONS = 0 LF (0 SF) (0.00 AC)
 EXCAVATION IMPACTS = 0 SF (0.00 AC)



MODIFIED PLANS

South Carolina Department of Transportation

TRIBUTARY 27
WETLAND 9, 10 & 11

SHEET 53 OF 78

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GRAPHIC SCALE

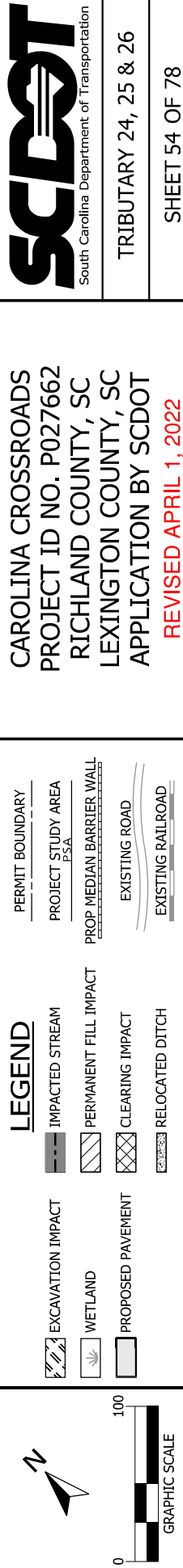
LEGEND

	EXCAVATION IMPACT		IMPACTED STREAM
	WETLAND		PERMANENT FILL IMPACT
	PROPOSED PAVEMENT		CLEARING IMPACT
			RELOCATED DITCH

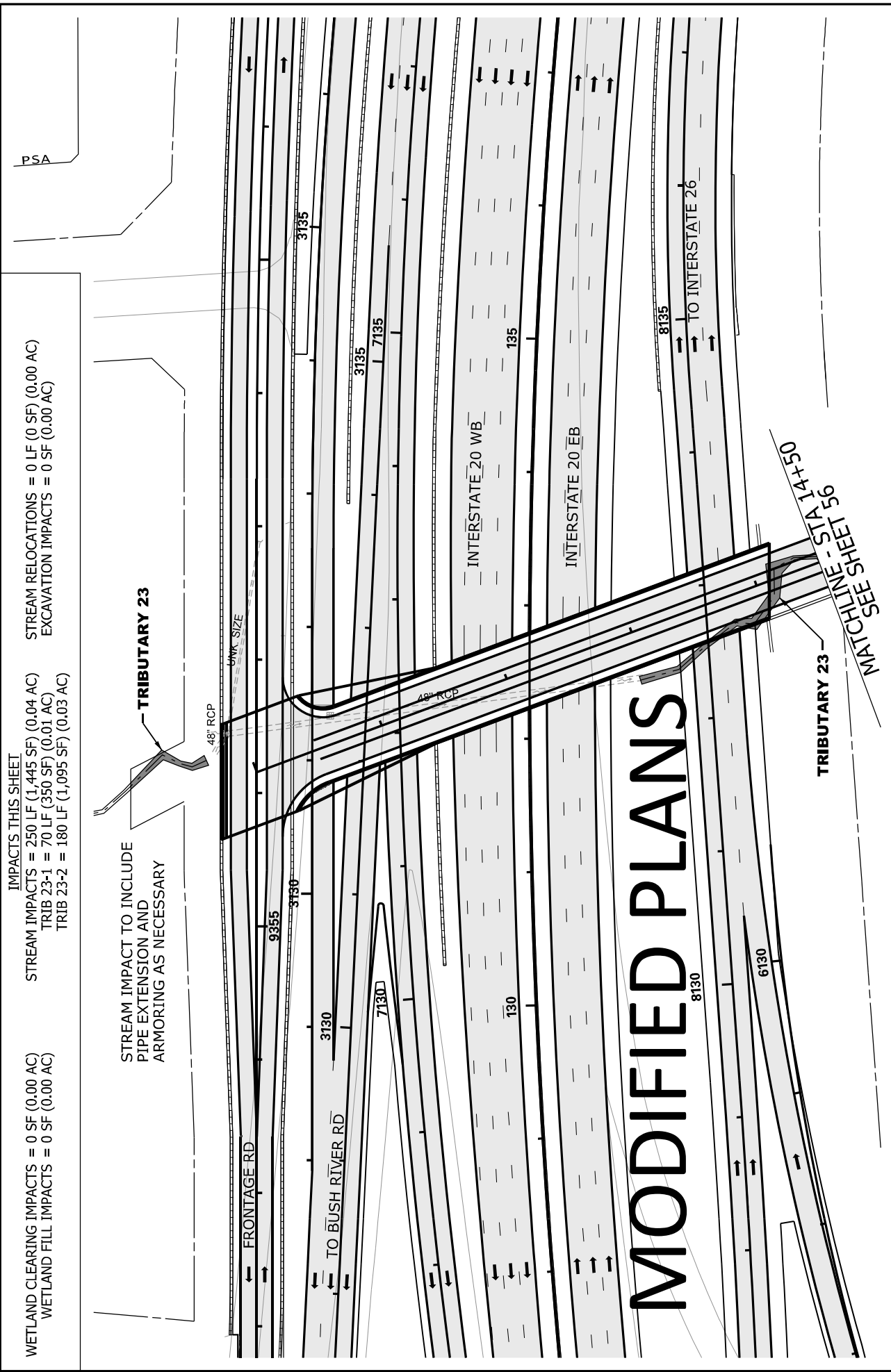
PERMIT BOUNDARY

	PROJECT STUDY AREA
	PROP MEDIAN BARRIER WALL
	EXISTING ROAD
	EXISTING RAILROAD

WETLAND CLEARING IMPACTS = 0 SF (0.00 AC)	STREAM IMPACTS = 444 LF (2,063 SF) (0.06 AC)
WETLAND FILL IMPACTS = 0 SF (0.00 AC)	TRIB 24 = 323 LF (1,529 SF) (0.04 AC)
	TRIB 25 = 95 LF (468 SF) (0.01 AC)
STREAM RELOCATIONS = 0 LF (0 SF) (0.00 AC)	TRIB 26 = 26 LF (66 SF) (0.01 AC)
EXCAVATION IMPACTS = 0 SF (0.00 AC)	



CAROLINA CROSSROADS
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WETLAND CLEARING IMPACTS = 0 SF (0.00 AC)
WETLAND FILL IMPACTS = 0 SF (0.00 AC)

STREAM IMPACTS = 250 LF (1,445 SF) (0.04 AC)
TRIB 23-1 = 70 LF (350 SF) (0.01 AC)
TRIB 23-2 = 180 LF (1,095 SF) (0.03 AC)

STREAM RELOCATIONS = 0 LF (0 SF) (0.00 AC)
EXCAVATION IMPACTS = 0 SF (0.00 AC)

IMPACTS THIS SHEET

STREAM IMPACT TO INCLUDE
PIPE EXTENSION AND
ARMORING AS NECESSARY

PSA

LEGEND

	EXCAVATION IMPACT		PERMIT BOUNDARY
	WETLAND		PROJECT STUDY AREA
	PROPOSED PAVEMENT		PROP MEDIAN BARRIER WALL
	CLEARING IMPACT		EXISTING ROAD
	RELOCATED DITCH		EXISTING RAILROAD

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TRIBUTARY 23

SHEET 55 OF 78

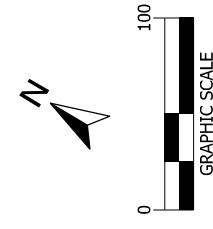
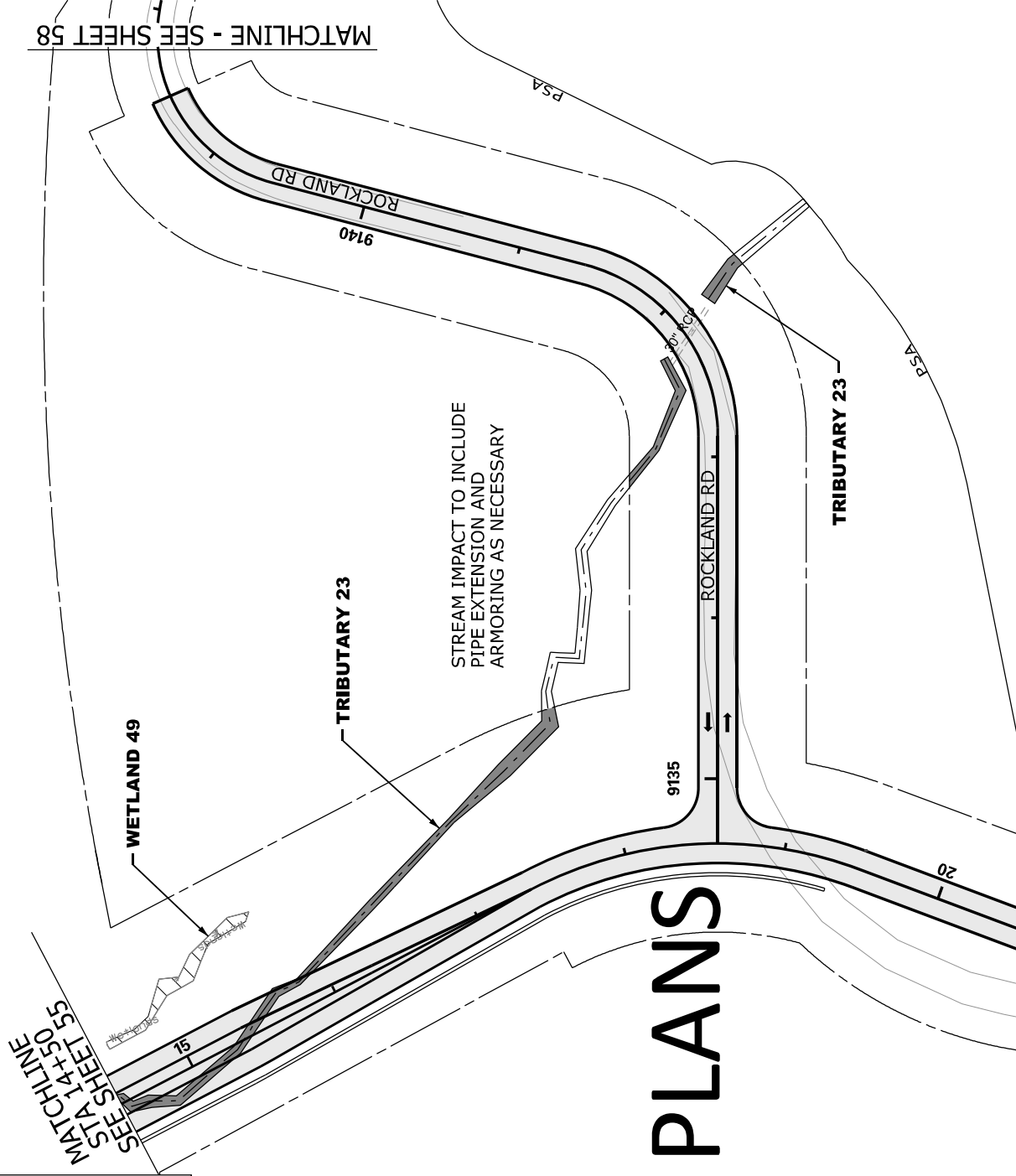
IMPACTS THIS SHEET

WETLAND CLEARING IMPACTS = 0 SF (0.00 AC)
 WETLAND FILL IMPACTS = 755 SF (0.01 AC)
 WETLAND 49 = 755 SF (0.01 AC)

STREAM IMPACTS = 501 LF (2,365 SF) (0.08 AC)
 TRIB 23 = 381 LF (3,038 SF) (0.06 AC)
 TRIB 23 = 88 LF (438 SF) (0.01 AC)
 TRIB 23 = 32 LF (277 SF) (0.01 AC)

STREAM RELOCATIONS = 0 LF (0 SF) (0.00 AC)
 EXCAVATION IMPACTS = 0 SF (0.00 AC)

MODIFIED PLANS



LEGEND

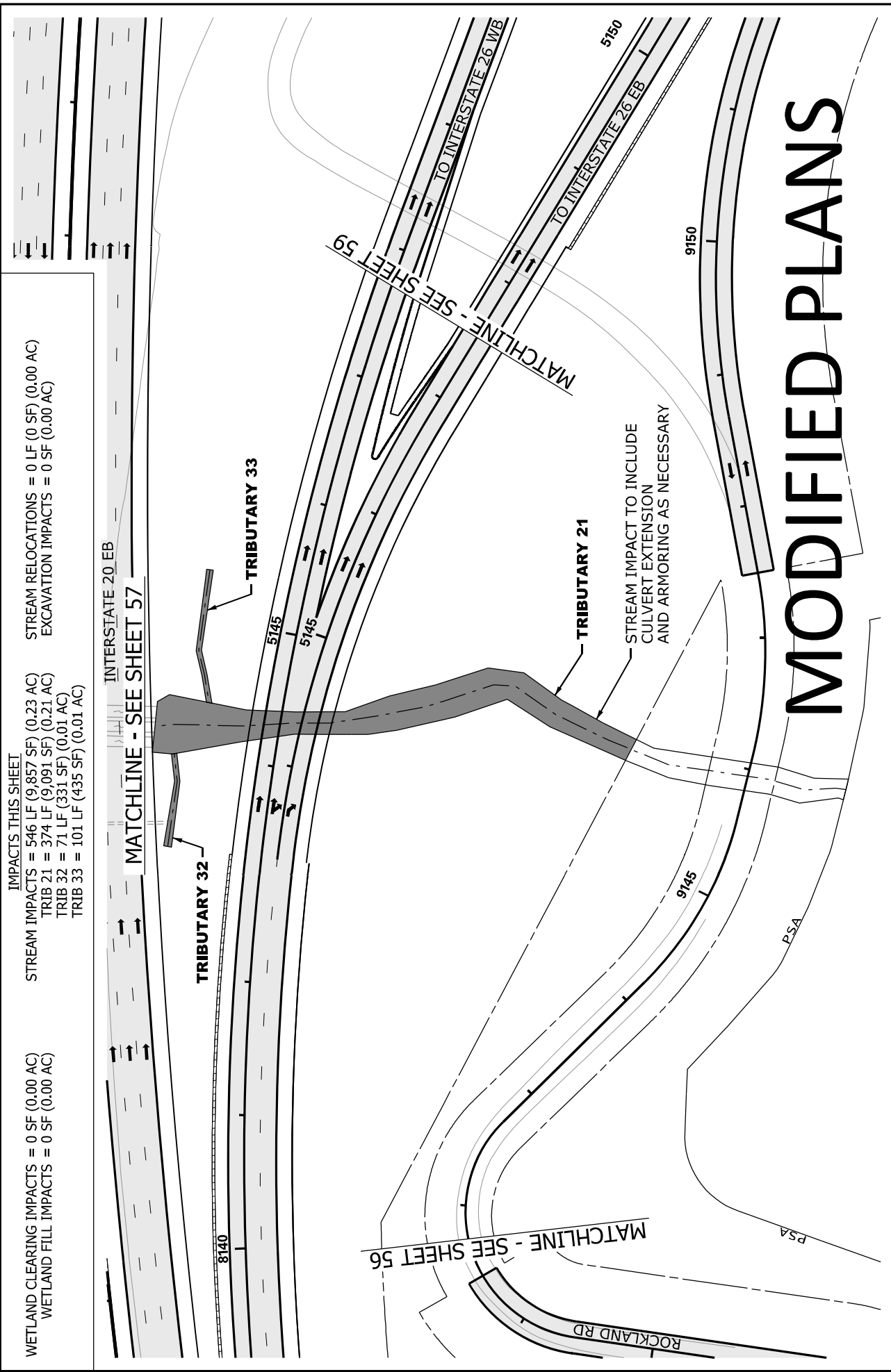
- | | | | |
|--|-------------------|--|-----------------------|
| | EXCAVATION IMPACT | | IMPACTED STREAM |
| | WETLAND | | PERMANENT FILL IMPACT |
| | PROPOSED PAVEMENT | | CLEARING IMPACT |
| | | | RELOCATED DITCH |
-
- | | |
|--|--------------------------|
| | PERMIT BOUNDARY |
| | PROJECT STUDY AREA |
| | PROP MEDIAN BARRIER WALL |
| | EXISTING ROAD |
| | EXISTING RAILROAD |

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WETLAND 49
 TRIBUTARY 23

SHEET 56 OF 78




MODIFIED PLANS

WETLAND CLEARING IMPACTS = 0 SF (0.00 AC)
WETLAND FILL IMPACTS = 0 SF (0.00 AC)

IMPACTS THIS SHEET
STREAM IMPACTS = 546 LF (9,857 SF) (0.23 AC)
TRIB 21 = 374 LF (9,091 SF) (0.21 AC)
TRIB 32 = 71 LF (331 SF) (0.01 AC)
TRIB 33 = 101 LF (435 SF) (0.01 AC)

STREAM RELOCATIONS = 0 LF (0 SF) (0.00 AC)
EXCAVATION IMPACTS = 0 SF (0.00 AC)

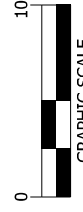



South Carolina Department of Transportation




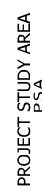

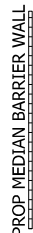






TRIBUTARY
21, 32 & 33

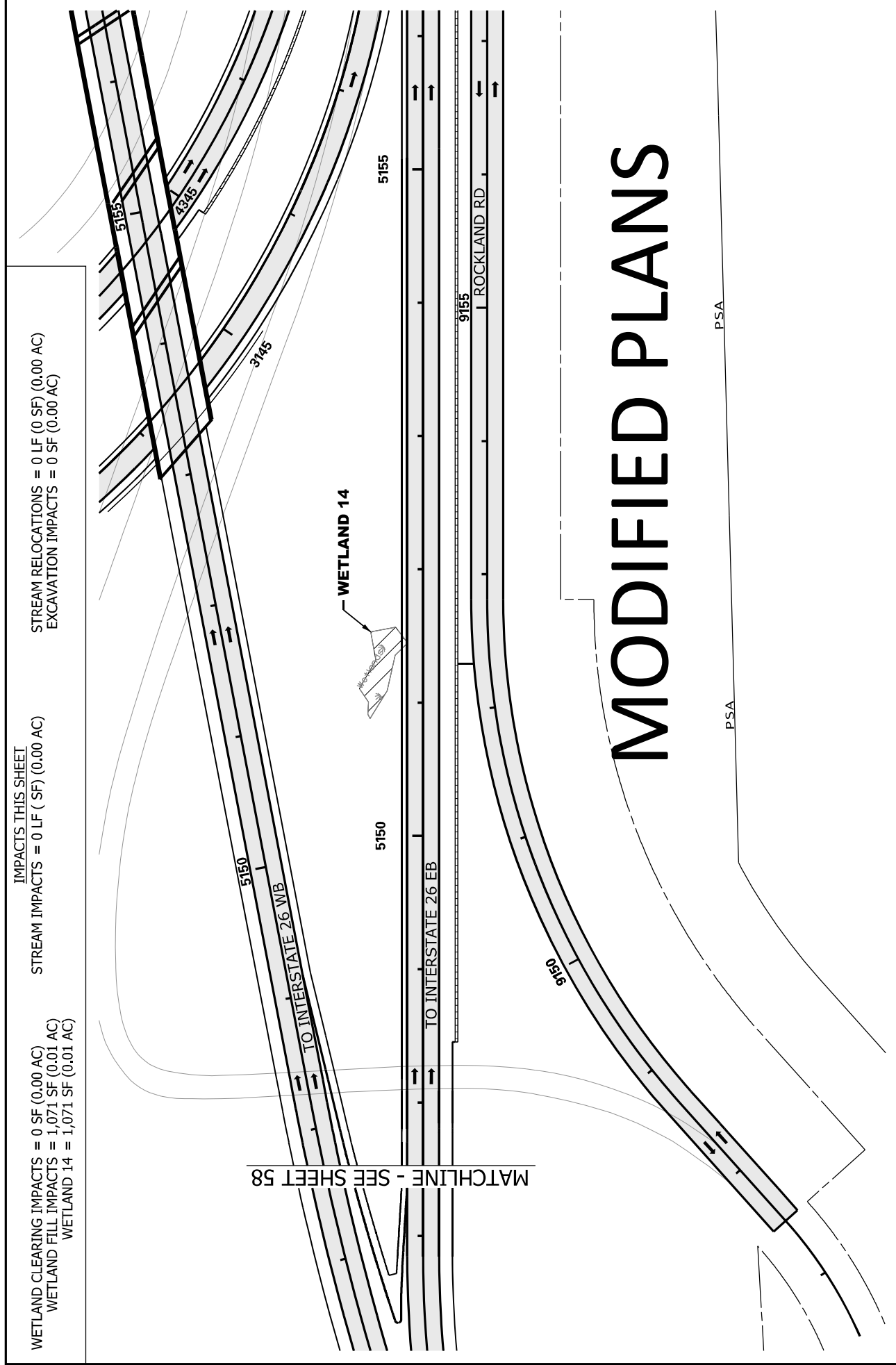
SHEET 58 OF 78

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LEGEND

	EXCAVATION IMPACT		PERMIT BOUNDARY
	WETLAND		PROJECT STUDY AREA
	PROPOSED PAVEMENT		PROP MEDIAN BARRIER WALL
	IMPACTED STREAM		EXISTING ROAD
	PERMANENT FILL IMPACT		EXISTING RAILROAD
	CLEARING IMPACT		
	RELOCATED DITCH		



MATCHLINE - SEE SHEET 58

MODIFIED PLANS

STREAM RELOCATIONS = 0 LF (0 SF) (0.00 AC)
EXCAVATION IMPACTS = 0 SF (0.00 AC)

STREAM IMPACTS = 0 LF (SF) (0.00 AC)
IMPACTS THIS SHEET

WETLAND CLEARING IMPACTS = 0 SF (0.00 AC)
WETLAND FILL IMPACTS = 1,071 SF (0.01 AC)
WETLAND 14 = 1,071 SF (0.01 AC)



LEGEND

- | | | | |
|--|-----------------------|--|--------------------------|
| | EXCAVATION IMPACT | | PERMIT BOUNDARY |
| | WETLAND | | PROJECT STUDY AREA |
| | PROPOSED PAVEMENT | | PSA |
| | IMPACTED STREAM | | PROP MEDIAN BARRIER WALL |
| | PERMANENT FILL IMPACT | | EXISTING ROAD |
| | CLEARING IMPACT | | EXISTING RAILROAD |
| | RELOCATED DITCH | | |

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WETLAND 14

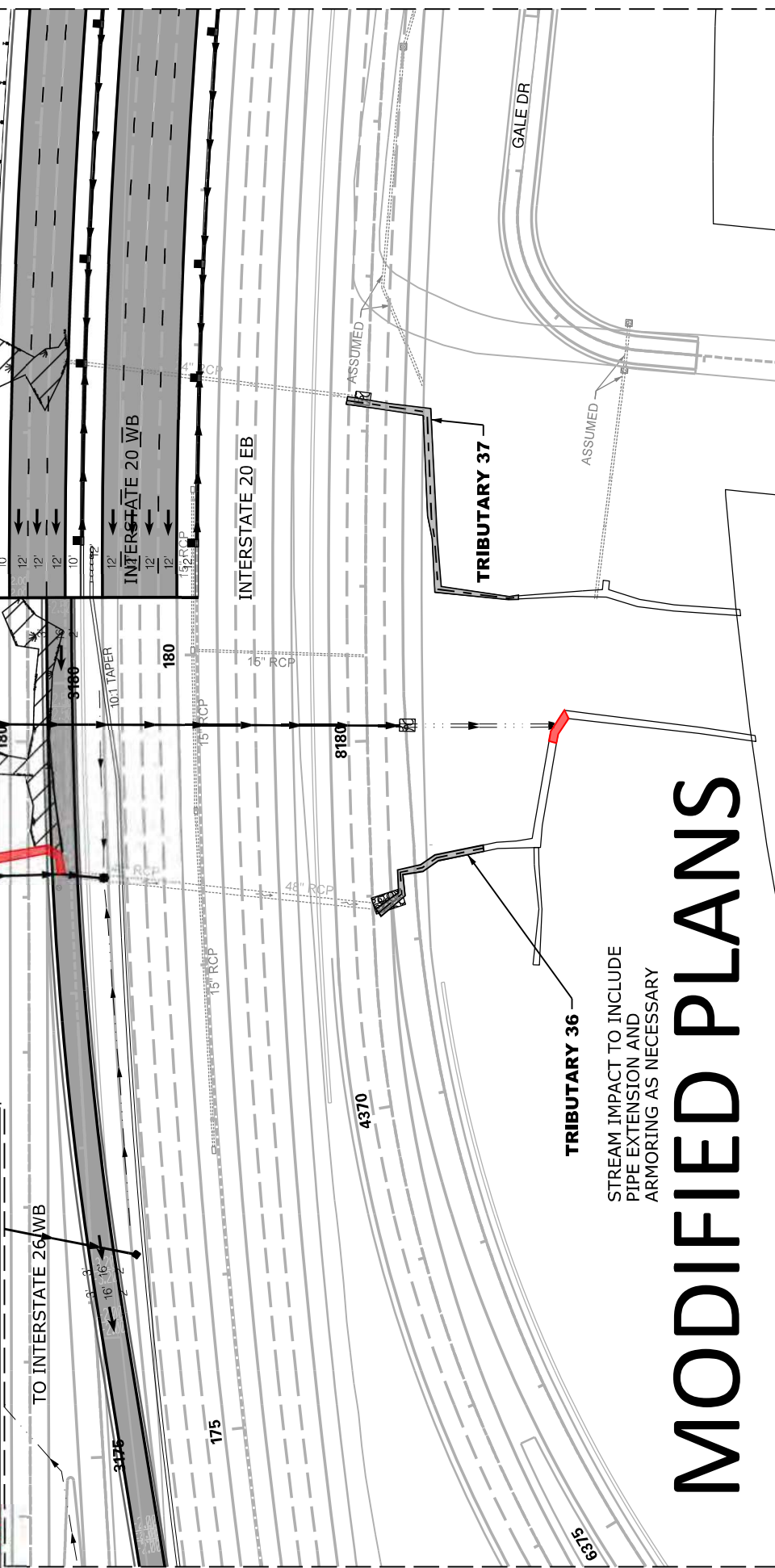
SHEET 59 OF 78

PHASE 2 IMPACTS THIS SHEET

WETLAND FILL IMPACTS = 6,543 SF (0.16 AC)
 WETLAND 13 = 2,894 SF (0.07 AC)
 WETLAND 15 = 3,649 SF (0.09 AC)
 EXCAVATION IMPACTS = 330 SF (0.01 AC)
 DET AREA 55 = 330 SF (0.01 AC)
STREAM IMPACTS = 455 LF (1,959 SF) (0.04 AC)
TRIB 35 = 125 LF (592 SF) (0.01 AC)
TRIB 36 = 110 LF (469 SF) (0.01 AC)
 TRIB 37 = 220 LF (898 SF) (0.02 AC)

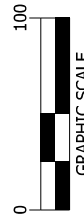
-  MODIFIED IMPACTED STREAM
-  MODIFIED PERMANENT FILL IMPACT
-  MODIFIED CLEARING IMPACT

*SEE SHEETS 69-73 FOR IMPACT REVISION SPREADSHEETS















STREAM IMPACT TO INCLUDE
 PIPE EXTENSION AND
 ARMORING AS NECESSARY

MODIFIED PLANS



LEGEND

- | | | |
|---|---|--|
|  EXCAVATION IMPACT |  IMPACTED STREAM |  PERMIT BOUNDARY |
|  WETLAND |  PERMANENT FILL IMPACT |  PROJECT STUDY AREA |
|  MODIFIED DESIGN |  CLEARING IMPACT |  PROP MEDIAN BARRIER WALL |
| |  RELOCATED DITCH |  EXISTING ROAD |
| | |  EXISTING RAILROAD |

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TRIBUTARY 35, 36 & 37
 WETLAND 13 & 15

SHEET 60 OF 78

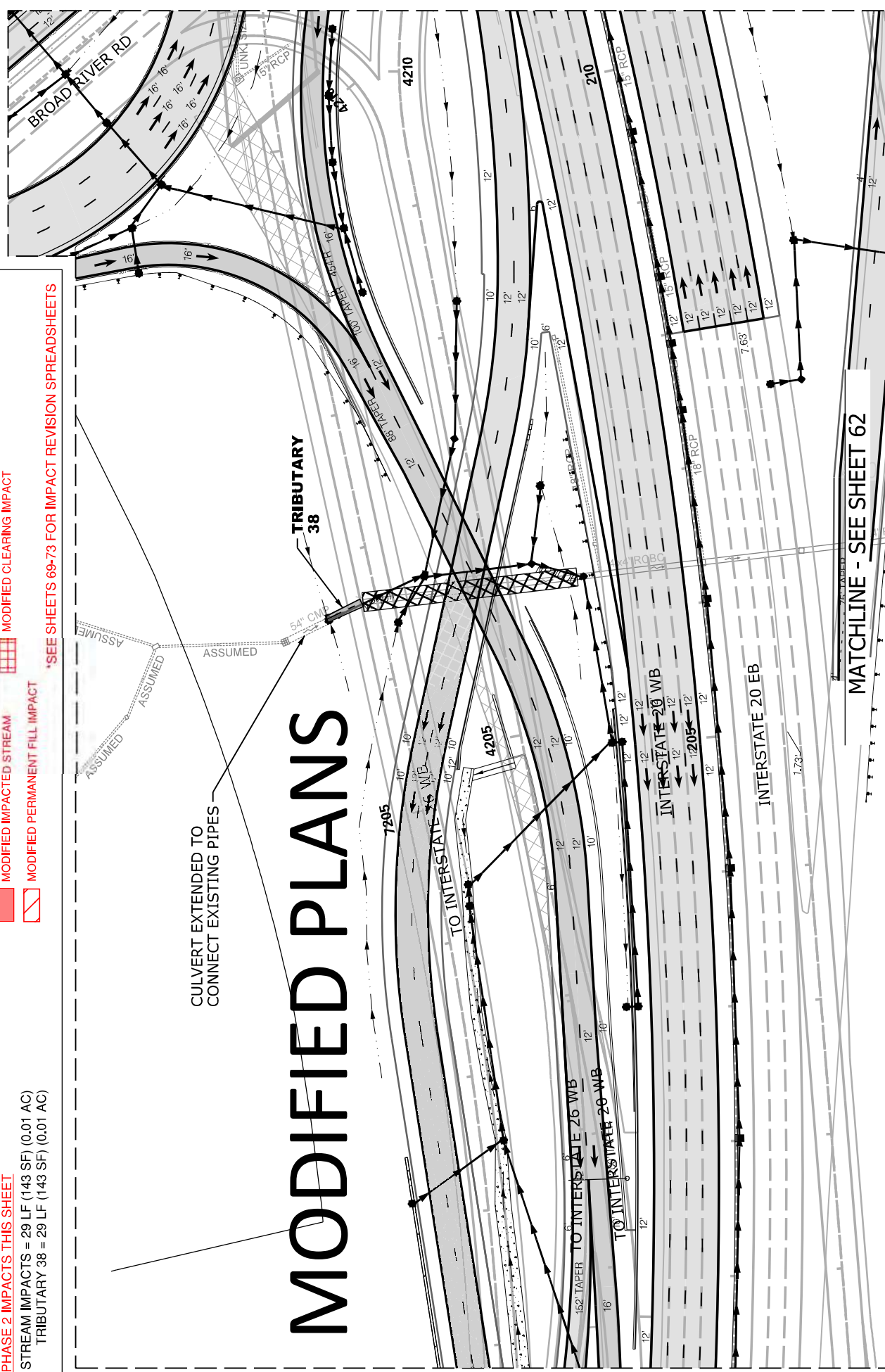
PHASE 2 IMPACTS THIS SHEET
 STREAM IMPACTS = 29 LF (143 SF) (0.01 AC)
 TRIBUTARY 38 = 29 LF (143 SF) (0.01 AC)

MODIFIED IMPACTED STREAM
 MODIFIED PERMANENT FILL IMPACT
 MODIFIED CLEARING IMPACT

*SEE SHEETS 69-73 FOR IMPACT REVISION SPREADSHEETS

CULVERT EXTENDED TO
 CONNECT EXISTING PIPES

MODIFIED PLANS



MATCHLINE - SEE SHEET 62

South Carolina Department of Transportation

TRIBUTARY 38

SHEET 61 OF 78

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LEGEND		PERMIT BOUNDARY
	EXCAVATION IMPACT	PROJECT STUDY AREA
	WETLAND	PROP MEDIAN BARRIER WALL
	MODIFIED DESIGN	EXISTING ROAD
	IMPACTED STREAM	EXISTING RAILROAD
	PERMANENT FILL IMPACT	
	CLEARING IMPACT	
	RELOCATED DITCH	

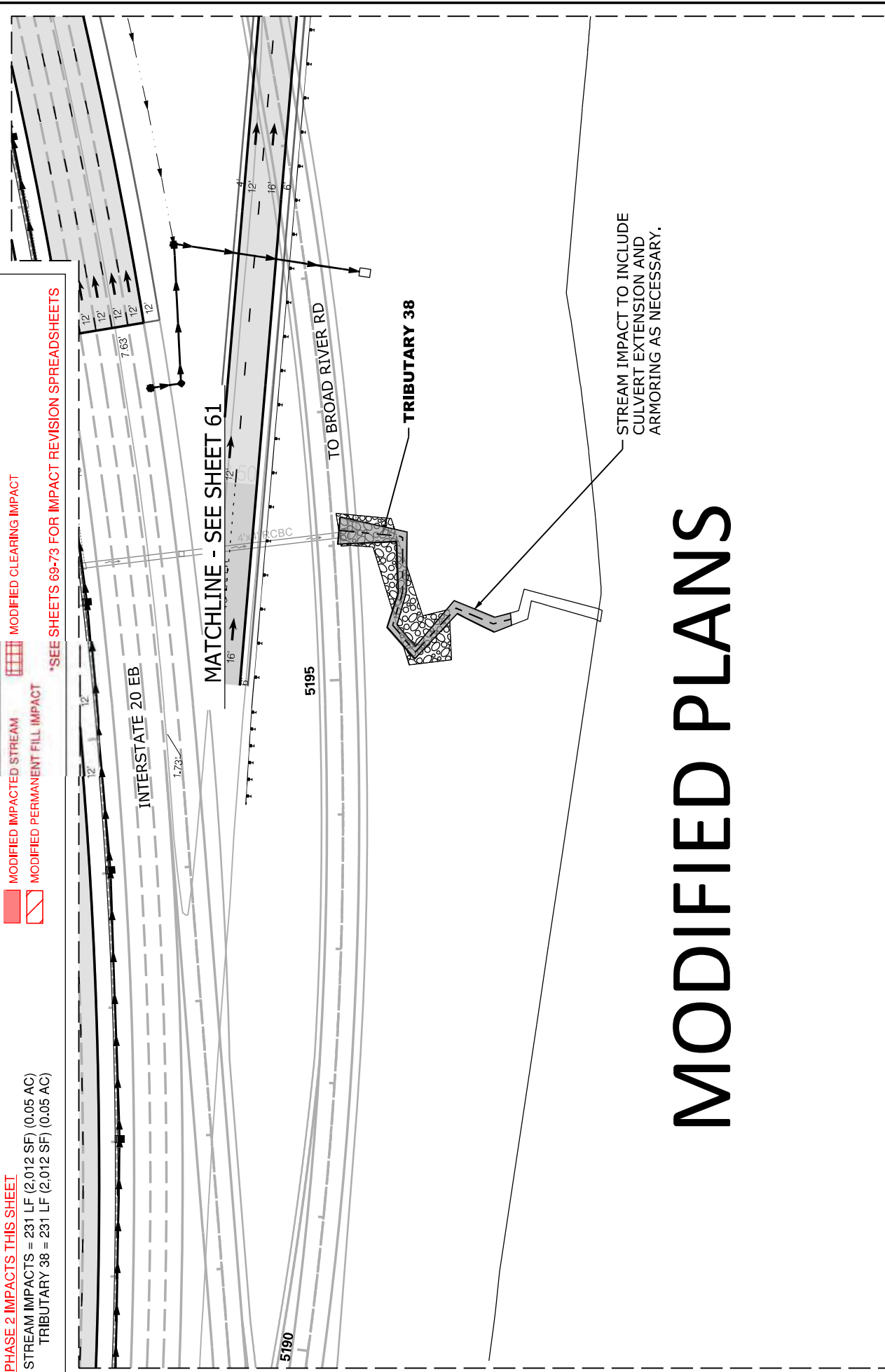
N

0 100
 GRAPHIC SCALE

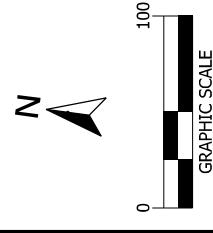
PHASE 2 IMPACTS THIS SHEET
STREAM IMPACTS = 231 LF (2,012 SF) (0.05 AC)
TRIBUTARY 38 = 231 LF (2,012 SF) (0.05 AC)

MODIFIED IMPACTED STREAM
MODIFIED PERMANENT FILL IMPACT
MODIFIED CLEARING IMPACT

*SEE SHEETS 69-73 FOR IMPACT REVISION SPREADSHEETS



MODIFIED PLANS



LEGEND		PERMIT BOUNDARY	
	EXCAVATION IMPACT		PROJECT STUDY AREA
	WETLAND		PROP MEDIAN BARRIER WALL
	MODIFIED DESIGN		EXISTING ROAD
	CLEARING IMPACT		EXISTING RAILROAD
	RELOCATED DITCH		

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TRIBUTARY 38

SHEET 62 OF 78

 MODIFIED IMPACTED STREAM
 MODIFIED PERMANENT FILL IMPACT
 MODIFIED CLEARING IMPACT



LEGEND

-  EXCAVATION IMPACT
-  WETLAND
-  IMPACTED STREAM
-  PERMANENT FILL IMPACT
-  CLEARING IMPACT
-  RELOCATED DITCH
-  PERMIT BOUNDARY
-  PROJECT STUDY AREA
-  PROP MEDIAN BARRIER WALL
-  EXISTING ROAD
-  EXISTING RAILROAD

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PHASE 2 IMPACTS THIS SHEET

STREAM RELOCATIONS = 390 LF (2,198 SF) (0.05 AC)
 TRIBUTARY 39 = 390 LF (2,198 SF) (0.05 AC)

*SEE SHEETS 69-73 FOR IMPACT REVISION SPREADSHEETS

- MODIFIED IMPACTED STREAM
- MODIFIED PERMANENT FILL IMPACT
- MODIFIED CLEARING IMPACT

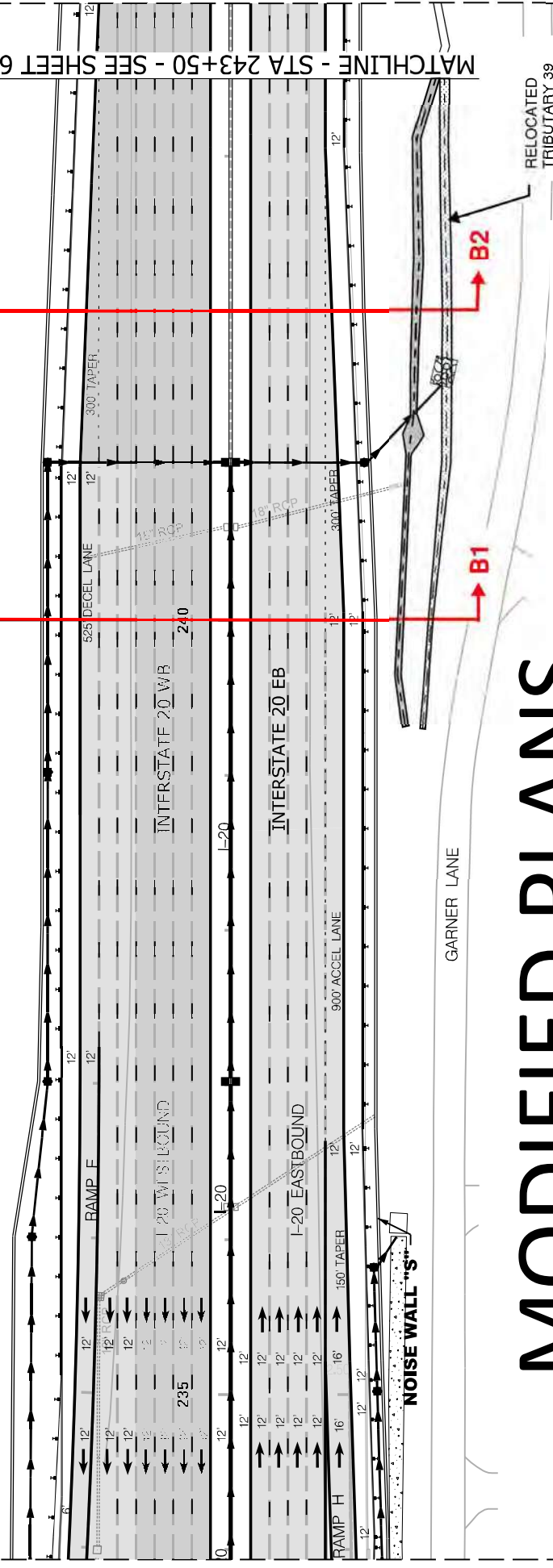
SEE SHEET 75A FOR CROSS SECTION B1-B1

B1

SEE SHEET 75B FOR CROSS SECTION B2-B2

B2

MATCHLINE - STA 243+50 - SEE SHEET 65



MODIFIED PLANS



LEGEND

- | | | | |
|--|-----------------------|--|--------------------------|
| | EXCAVATION IMPACT | | PERMIT BOUNDARY |
| | WETLAND | | PROJECT STUDY AREA |
| | MODIFIED DESIGN | | PROP MEDIAN BARRIER WALL |
| | IMPACTED STREAM | | EXISTING ROAD |
| | PERMANENT FILL IMPACT | | EXISTING RAILROAD |
| | CLEARING IMPACT | | |
| | CHANNEL RELOCATION | | |

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TRIBUTARY 39
 STREAM RELOCATION

SHEET 64 OF 78

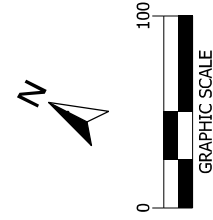
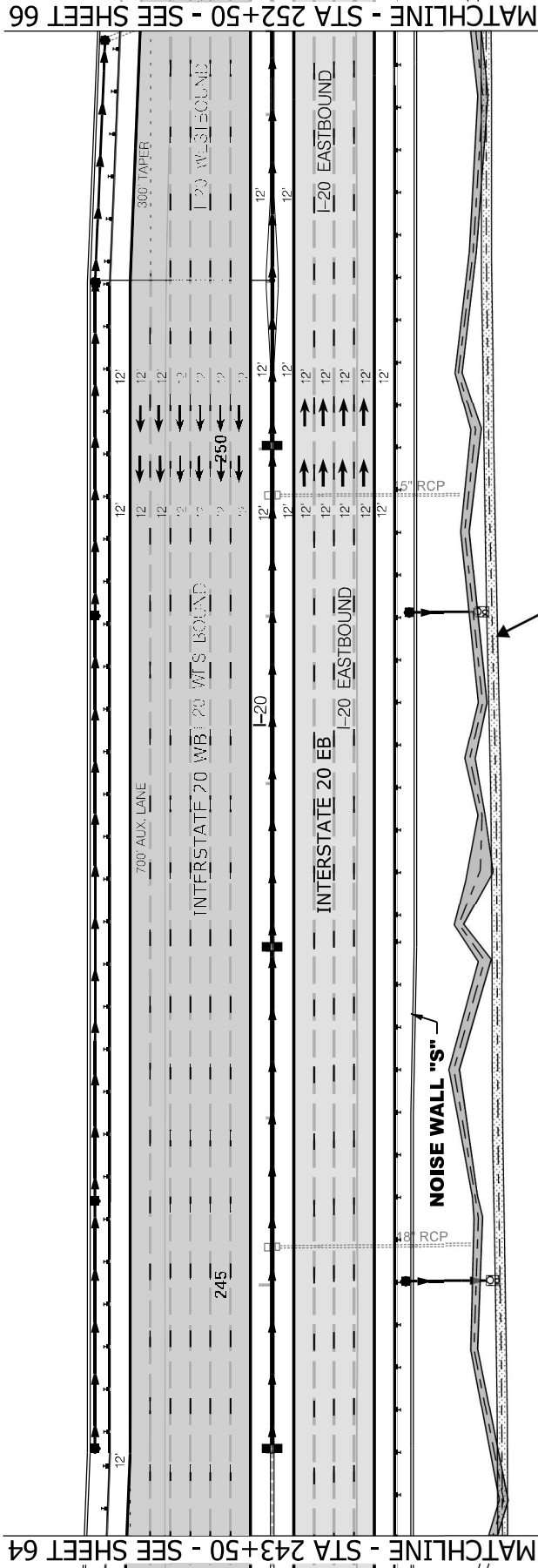
PHASE 2 IMPACTS THIS SHEET

STREAM RELOCATIONS = 900 LF (5,105 SF) (0.12 AC)
TRIBUTARY 39 = 900 LF (5,105 SF) (0.12 AC)

*SEE SHEETS 69-73 FOR IMPACT REVISION SPREADSHEETS

- MODIFIED IMPACTED STREAM
- MODIFIED PERMANENT FILL IMPACT
- MODIFIED CLEARING IMPACT

MODIFIED PLANS



- LEGEND**
- EXCAVATION IMPACT
 - WETLAND
 - MODIFIED DESIGN
 - IMPACTED STREAM
 - PERMANENT FILL IMPACT
 - CLEARING IMPACT
 - CHANNEL RELOCATION
 - PERMIT BOUNDARY
 - PROJECT STUDY AREA
 - PROP MEDIAN BARRIER WALL
 - EXISTING ROAD
 - EXISTING RAILROAD

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TRIBUTARY 39
STREAM RELOCATION

SHEET 65 OF 78

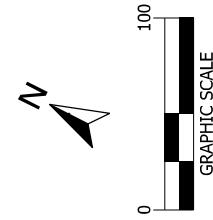
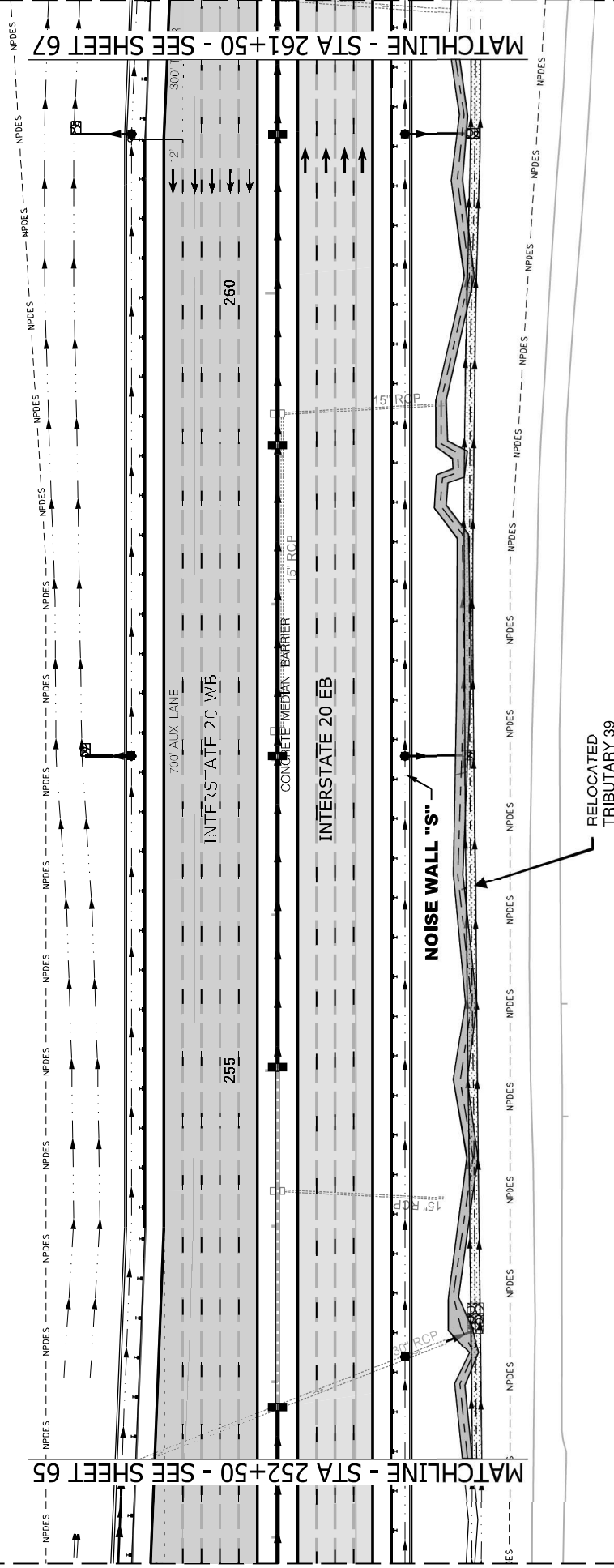
PHASE 2 IMPACTS THIS SHEET

STREAM RELOCATIONS = 900 LF (5,105 SF) (0.12 AC)
TRIBUTARY 39 = 900 LF (5,105 SF) (0.12 AC)

*SEE SHEETS 69-73 FOR IMPACT REVISION SPREADSHEETS

- MODIFIED IMPACTED STREAM
- MODIFIED PERMANENT FILL IMPACT
- MODIFIED CLEARING IMPACT

MODIFIED PLANS



LEGEND

- EXCAVATION IMPACT
- WETLAND
- MODIFIED DESIGN
- IMPACTED STREAM
- PERMANENT FILL IMPACT
- CLEARING IMPACT
- CHANNEL RELOCATION
- PERMIT BOUNDARY
- PROJECT STUDY AREA
- PROP MEDIAN BARRIER WALL
- EXISTING ROAD
- EXISTING RAILROAD

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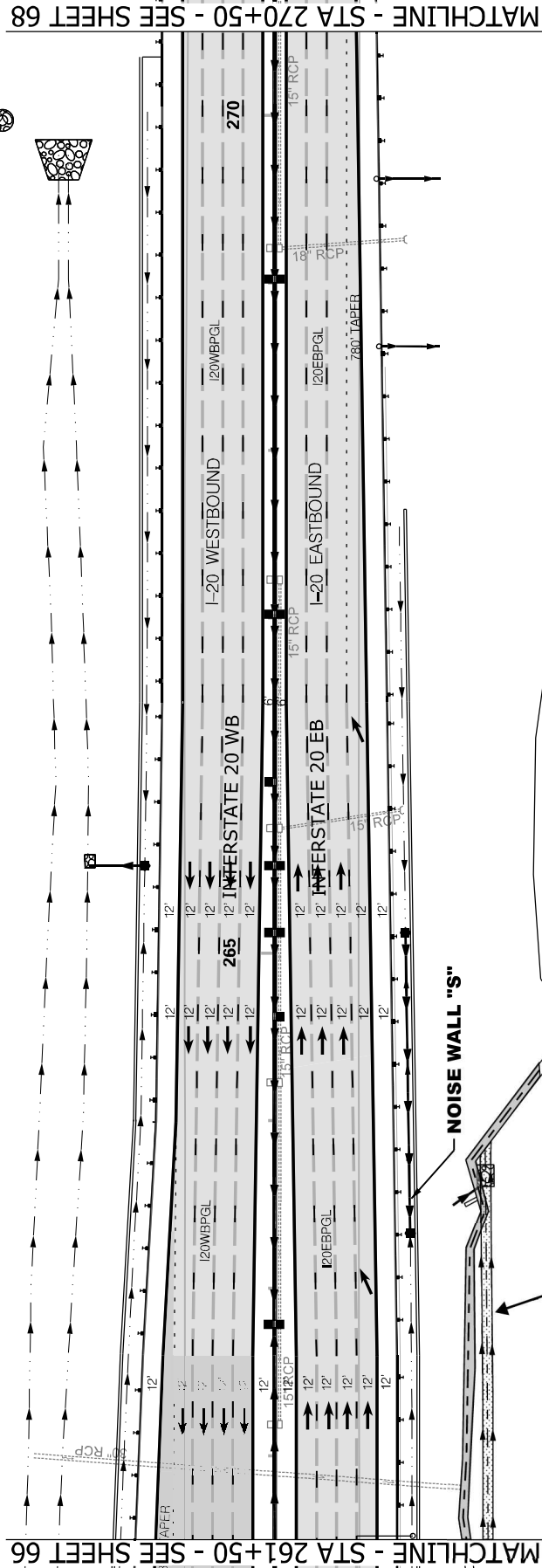
South Carolina Department of Transportation

TRIBUTARY 39
STREAM RELOCATION

SHEET 66 OF 78

PHASE 2 IMPACTS THIS SHEET
STREAM RELOCATIONS = 275 LF (1,685 SF) (0.04 AC)
TRIBUTARY 39 = 275 LF (1,685 SF) (0.04 AC)
*SEE SHEETS 69-73 FOR IMPACT REVISION SPREADSHEETS

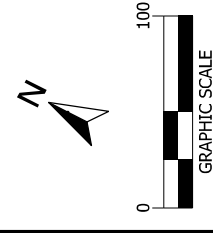
MODIFIED PLANS



WETLAND 16
NO IMPACTS

WETLAND 17
NO IMPACTS

MODIFIED IMPACTED STREAM
MODIFIED PERMANENT FILL IMPACT
MODIFIED CLEARING IMPACT



LEGEND		PERMIT BOUNDARY
[Hatched Box]	EXCAVATION IMPACT	PROJECT STUDY AREA
[Hatched Box]	WETLAND	PROP MEDIAN BARRIER WALL
[Hatched Box]	MODIFIED DESIGN	EXISTING ROAD
[Hatched Box]	IMPACTED STREAM	EXISTING RAILROAD
[Hatched Box]	PERMANENT FILL IMPACT	
[Hatched Box]	CLEARING IMPACT	
[Hatched Box]	CHANNEL RELOCATION	

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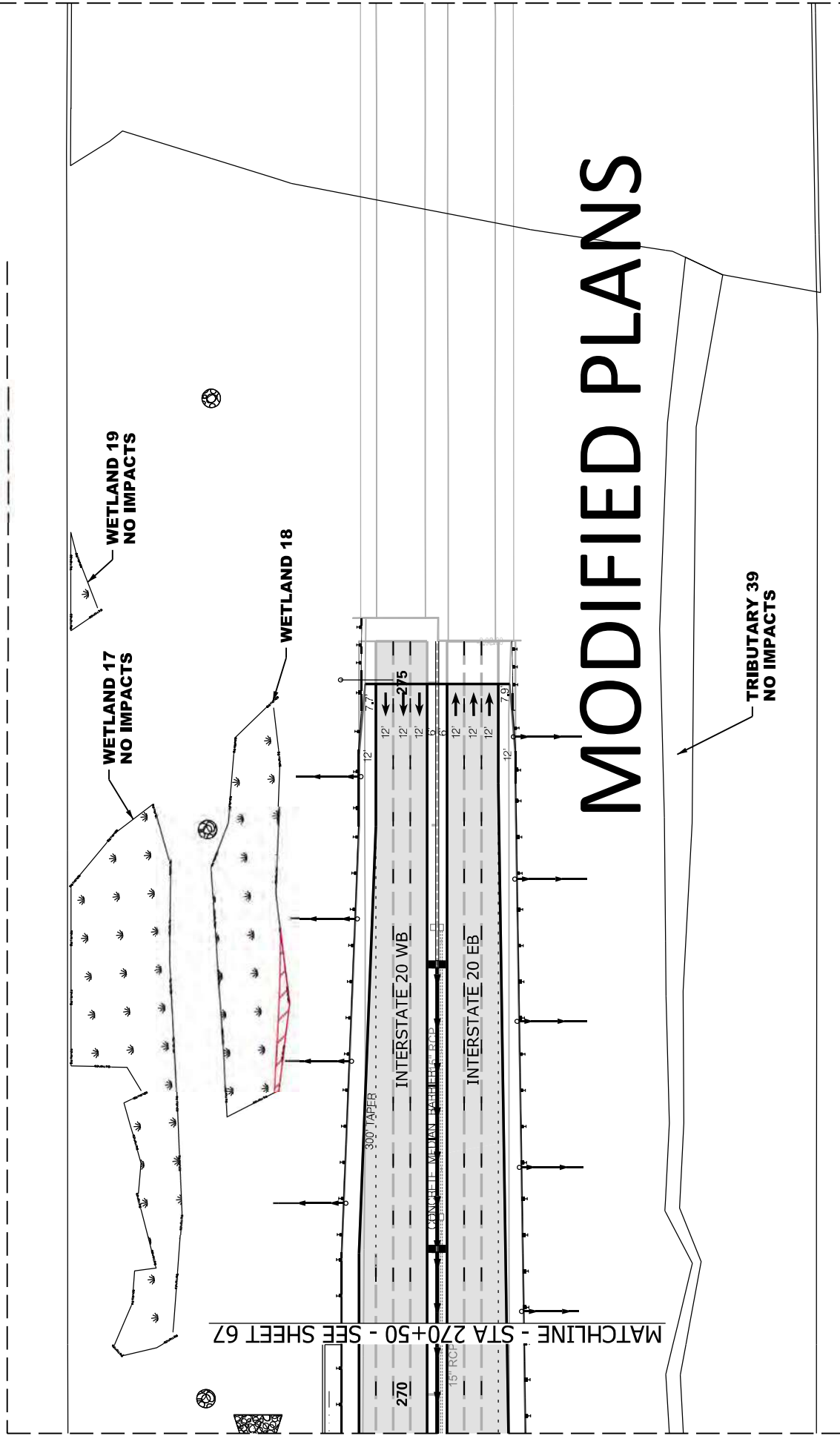
South Carolina Department of Transportation

TRIBUTARY 39
STREAM RELOCATION

SHEET 67 OF 78

PHASE 2 IMPACTS THIS SHEET
 WETLAND FILL IMPACTS = 504 SF (0.01 AC)
 WETLAND 18 = 504 SF (0.01 AC)
 *SEE SHEETS 69-73 FOR IMPACT REVISION SPREADSHEETS

MODIFIED IMPACTED STREAM
 MODIFIED PERMANENT FILL IMPACT
 MODIFIED CLEARING IMPACT



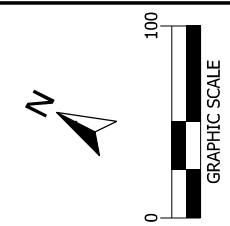
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PERMIT BOUNDARY
 PROJECT STUDY AREA
 PROP MEDIAN BARRIER WALL
 EXISTING ROAD
 EXISTING RAILROAD

LEGEND

IMPACTED STREAM
 PERMANENT FILL IMPACT
 CLEARING IMPACT
 RELOCATED DITCH

EXCAVATION IMPACT
 WETLAND
 MODIFIED DESIGN



MODIFIED PLANS

Project Phase	Permit Sheet	WOUS Feature	Original Permit					Permit Modification				
			Stream Impacts (Linear Feet)		Mitigation Credits	Wetland Impacts (Acres)		Mitigation Credits	Stream Impacts (Linear Feet)		Wetland Impacts (Acres)	
			Pipe	Morphologic		Fill	Clearing		Pipe	Morphologic	Fill	Clearing
	38	TRIB 53	0	0	0	0			0	0	0	
	38	TRIB 57	0	0	0	0			0	0	0	
	38	WETLAND 35				0	0	0			0	0
	39	TRIB 53	187	0	1393.15				0	54	61	715.25
	39	TRIB 54	55	0	396				0	0	0	
	39	TRIB 55	70	0	504				0	0	0	
	39	TRIB 56	20	0	144				0	0	0	
	39	WETLAND 38				0	0.08	0.6			0	0
	39	WETLAND 36				0.01	0	0.095			0	0
	40	WETLAND 23				0.09	0.63	6.66			0.25	0.59
	40	WETLAND 24				0	0	0			0	0
	41	WETLAND 25				0.24	0.09	3.285			0.33	0
	41	WETLAND 26				0	0.1	0.85			0.01	0.1
	41	TRIB 44	123	0	885.6				164	0	0	1180.8
	42	WETLAND 28				0.06	0	0.69			0.06	0
	42	TRIB 45	107	0	797.15				165	0	0	1229.25
	43	TRIB 45	8	0	59.6				12	0	72	503.4
	43	TRIB 46	45	0	335.25				30	0	50	511
	43	WETLAND 27				0.07	0.07	1.19			0.07	0.07
	43	WETLAND 52				0	0	0			0	0
	43	WETLAND 53				0	0	0			0	0
	44 and 45	TRIB 47	944	0	7032.8				411	252	70	5165.45
	45A	TRIB 47								20	22	261.5
	45	WETLAND 29				0.04	0	0.42			0.04	0
	45	WETLAND 54				0.03	0	0.315			0.03	0.01
	45	TRIB 48	28	0	208.6				28	0	0	208.6
	45 and 46	TRIB 49	162	0	1166.4				162	20	0	1296.4
	46	WETLAND 30				0.31	0	2.945			0.14	0.02
	46	WETLAND 31				0.11	0	1.045			0.11	0
	47	TRIB 65	0	0	0						68	391
	47	TRIB 66	0	0	0						15	86.25
	Phase 1 Totals		1749	0	12922.55	0.96	0.97	18.095	972	346	358	11548.9

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IMPACT SUMMARY

SHEET 69 OF 78

Project Phase	Permit Sheet		WQUS Feature	Original Permit						Permit Modification						
				Stream Impacts (Linear Feet)		Wetland Impacts (Acres)		Mitigation Credits	Stream Impacts (Linear Feet)		Wetland Impacts (Acres)		Mitigation Credits			
				Pipe	Morphologic	Fill	Clearing	Credits	Pipe	Morphologic	Fill	Clearing	Credits			
2	61 and 62	TRIB 38		260	0	1937				29	0	231	1544.3			
	63	WETLAND 50							0.31	0	3.875			0.26		3.25
	64	TRIB 39		170		1224				0						
	64, 65, 66, 67	TRIB 39			2295	0					2465		0			
	68	WETLAND 17						0	0	0				0	0	0
	68	WETLAND 18						0	0.24	2.04				0.01		0.105
	68	WETLAND 19						0	0	0				0	0	0
	Phase 2 Totals			430	2295	3161	0.31	0.24	5.915	29	2465	231	1544.3	0.27		3.355

MODIFIED PLANS

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IMPACT SUMMARY

SHEET 70 OF 78

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Project Phase	Permit Sheet 29, 30, 57, 58 WOU's Feature	Original Permit					Permit Modification									
		Stream Impacts (Linear Feet)		Wetland Impacts (Acres)		Mitigation Credits	Stream Impacts (Linear Feet)		Wetland Impacts (Acres)		Mitigation Credits					
		Pipe	Morphologic	Fill	Clearing		Pipe	Morphologic	Riprap	Fill	Clearing					
3	31	TRIB 21	760	0	5662						5662					
	32	TRIB 41	128	0	953.6						953.6					
	32, 33, 34	TRIB 42	337	0	2426.4						2426.4					
	32, 33, 34	TRIB 42	146	0	1051.2						1051.2					
	32, 33, 34	TRIB 42	676	0	4394						4394					
	33	WETLAND 51														
	34	TRIB 43	325	0	2421.25						2421.25					
	34	WETLAND 20				0.05		0	0.525			0.05		0	0.525	
	35	WETLAND 21				0.05		0.16	2.095			0.05		0.16	2.095	
	35	TRIB 43	0	0												
	36	WETLAND 22				0.48		0.1	6.47					0.1	6.47	
	36	TRIB 43	0	0												
	37	TRIB 50	792	0	5204											
	37	WETLAND 34				0.01		0.03	0.36					0.04	0	
	37	WETLAND 33				0.02		0	0.19					0.02	0	
	37	TRIB 52	35	0	252											
	38	TRIB 53	0	0								35		192.5		
	38	TRIB 57	0	0												
	38	WETLAND 35														
	38	WETLAND 35				0		0						0	0	
	39	TRIB 53	0	0												
	39	TRIB 57	0	0												
	48	TRIB 71	0	0												
	48	TRIB 72	0	0												
	49	WETLAND 60														
	50	WETLAND 48														
	50	WETLAND 48				0		0	0					0	0	
	50	WETLAND 48				0		0	0					0	0	
	51	TRIB 61	148	0	1102.6							1102.6				
	52	TRIB 27	0	0												
	52	TRIB 28	0	0												
	52	TRIB 29	0	0												
	52	TRIB 31	0	0												
	53	TRIB 27	539	0	4015.55							4015.55				
	53	WETLAND 9				0.03		0	0.345					0.03	0	
	53	WETLAND 10				0.05		0	0.575					0.05	0	
	53	WETLAND 11				0.32		0	3.84					0.32	0	
	53	WETLAND 12				0.02		0.04	0.61					0.02	0.04	
	54	TRIB 24	323	0	2325.6							2325.6				
	54	TRIB 25	95	0	684							684				
	54	TRIB 26	26	0	187.2							187.2				
	55 AND 56	TRIB 23	751	0	5594.95							5594.95				
	56	WETLAND 49				0.01		0	0.095					0.01	0	
	57	TRIB 34	382	0	2750.4							2750.4				
	58	TRIB 32	71	0	511.2							511.2				
	58	TRIB 33	101	0	727.2							727.2				
	59	WETLAND 14				0.01		0	0.105					0.01	0	
	60	WETLAND 13				0.07		0	0.665					0.07	0	
	60	WETLAND 15				0.09		0	0.855					0.09	0	
	60	TRIB 35	152	0	1132.4											
	60	TRIB 36	90	0	670.5											
	60	TRIB 37	220	0	1584											
	Phase 3 Totals		6097	0	43650.05	1.21	0.33	16.73				5765	686	108	1.24	16.75

Project Phase	Permit Sheet	WOUS Feature	Original Permit				Permit Modification									
			Stream Impacts (Linear Feet)		Mitigation Credits	Wetland Impacts (Acres)		Stream Impacts (Linear Feet)	Mitigation Credits	Wetland Impacts (Acres)						
			Pipe	Morphologic		Fill	Clearing			Pipe	Morphologic	Riprap	Fill	Clearing		
4	17	WETLAND 44				0.04	0	0.38					0.04	0	0.38	
	17	WETLAND 58					0	0						0	0	
	18	TRIB 10	0	0	0				0						0	
	19	WETLAND 4				0	0.01	0.075					0	0.01	0.075	
	19	WETLAND 45				0	0	0					0	0	0	
	19	TRIB 11	0	0	0				0							
	19	TRIB 12	460	0	3105				460							
	20	TRIB 11	0	0	0											
	20	TRIB 13	0	0	0				0							
	20	WETLAND 5				0	0.04	0.3					0	0.04	0.3	
	21	TRIB 14	49	0	352.8				49							
	22	TRIB 15	93	0	692.85				93							
	22	WETLAND 46				0	0	0					0	0	0	
	23	WETLAND 6				0	0.05	0.475						0	0.475	
	24	TRIB 16	87	0	626.4				87							
	25	TRIB 17	26	0	193.7				26							
	25	WETLAND 7				0.08	0	0.92					0.08	0	0.92	
	25	WETLAND 47				0.01	0	0.086					0.01	0	0.086	
	26	WETLAND 8				0.15	0	1.725					0.15	0	1.725	
	27	TRIB 18	116	0	864.2				116							
	27	TRIB 18	322	0	2173.5				322							
	27	TRIB 19	142	0	1022.4				142							
	28	TRIB 20	55	0	396				55							
	Phase 4 Totals			1350	0	9426.85	0.28	0.1	3.961	1350	0	0	0	0.28	0.1	3.961

MODIFIED PLANS

SCDOT
South Carolina Department of Transportation

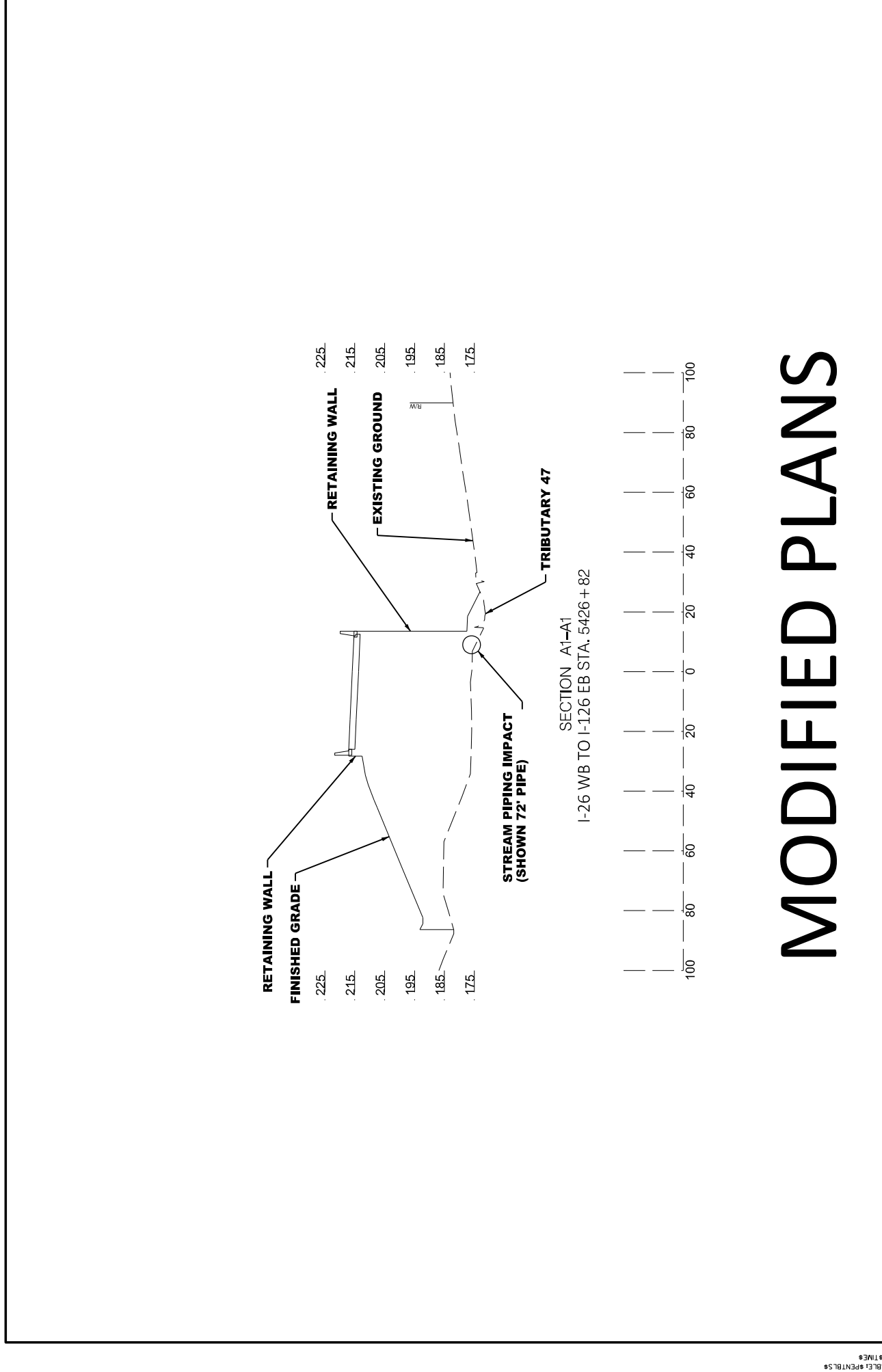
CAROLINA CROSSROADS
PROJECT ID NO. P027662
RICHLAND COUNTY, SC
LEXINGTON COUNTY, SC
APPLICATION BY SCDOT
REVISED APRIL 1, 2022

IMPACT SUMMARY
SHEET 72 OF 78




Project Phase	Permit Sheet	WOUS Feature	Original Permit				Permit Modification			
			Stream Impacts (Linear Feet)		Mitigation Credits	Wetland Impacts (Acres)		Mitigation Credits	Wetland Impacts (Acres)	
			Pipe	Morphologic		Fill	Clearing		Fill	Clearing
5	6	TRIB 59	0	0	0	0	0	0	0	0
	7	TRIB 60	94	0	700.3	94	0	700.3	94	0
	8	TRIB 2	166	0	1236.7	166	0	1236.7	166	0
	8	WETLAND 56			0	0	0		0	0
	8	WETLAND 57			0.17	0	0.02	0.17	0	0.02
	9	WETLAND 40			0	0	0	0	0	0
	10	WETLAND 1			0	0	0	0	0	0
	10	TRIB 3	106	0	763.2	106	0	763.2	106	0
	11	TRIB 3	92		662.4	92		662.4	92	
	12	TRIB 5	0	0	0	0	0	0	0	0
	12	WETLAND 3			0	0	0		0	0
	13	TRIB 6	22	0	158.4	22	0	158.4	22	0
	14	TRIB 7	16	0	115.2	16	0	115.2	16	0
	14	TRIB 7	225	0	1462.5	225	0	1462.5	225	0
	14	WETLAND 42			0	0	0		0	0
	15	TRIB 7	42	0	273	42	0	273	42	0
	15	TRIB 8	112	0	834.4	112	0	834.4	112	0
	15	TRIB 8	101	0	681.75	101	0	681.75	101	0
	15	WETLAND 43			0	0	0		0	0
	16	TRIB 9	72	0	518.4	72	0	518.4	72	0
Phase 5 Totals			1048	0	7406.25	0	0.02	0.17	1048	0.02
Project Totals			10674	2295	76566.7	2.76	1.66	44.871	85604	1.21

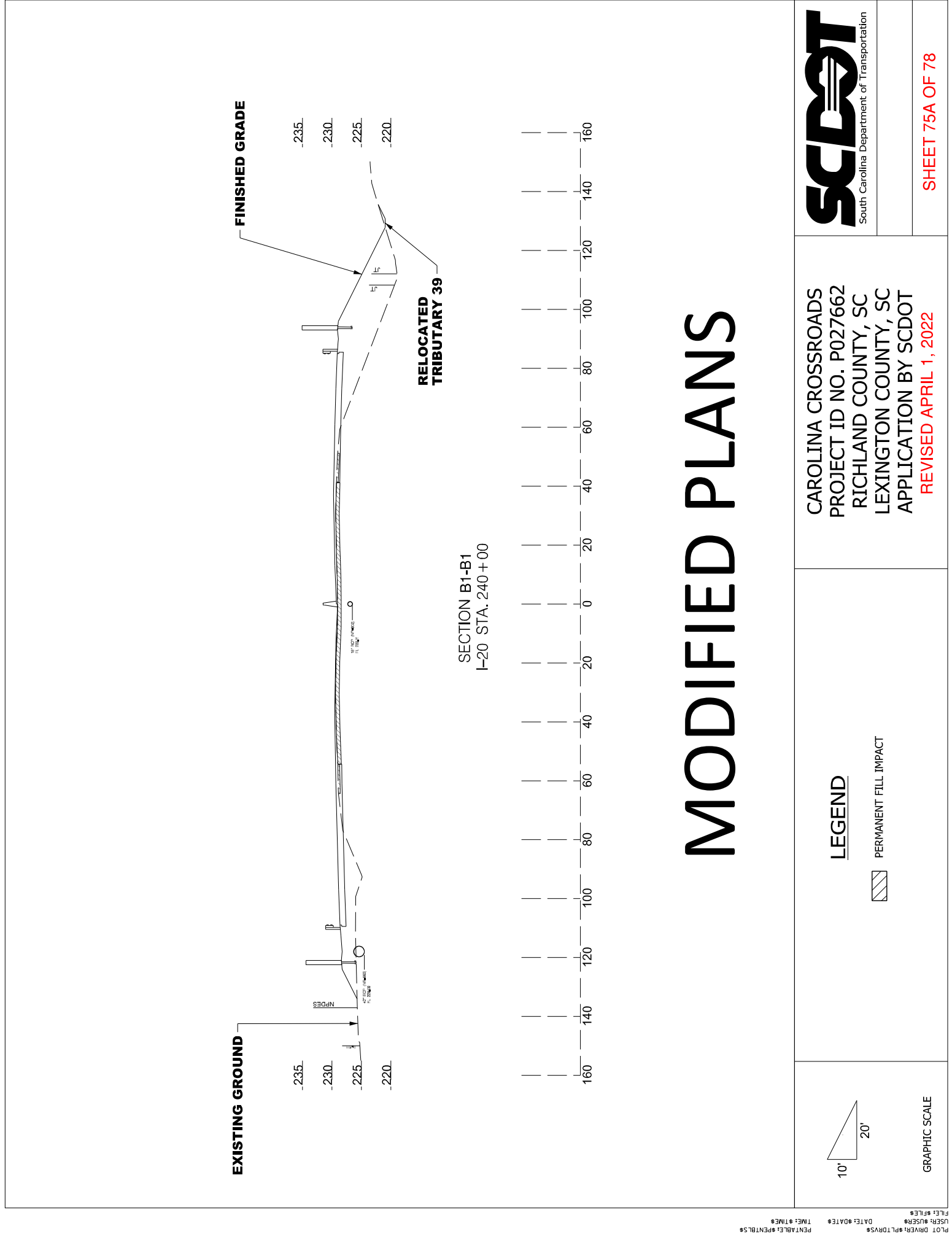
MODIFIED PLANS

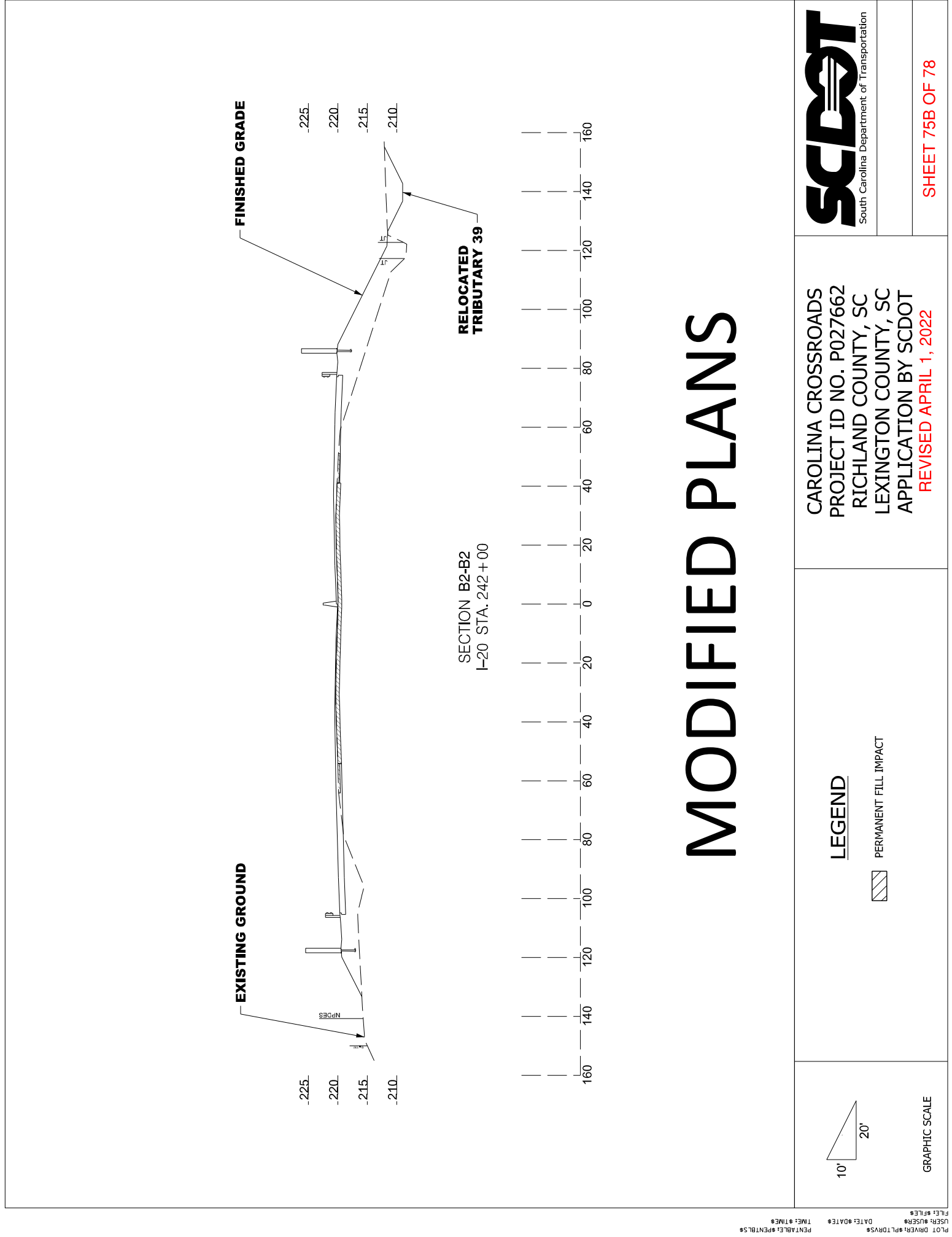
CAROLINA CROSSROADS
PROJECT ID NO. P027662
RICHLAND COUNTY, SC
LEXINGTON COUNTY, SC
APPLICATION BY SCDOT
REVISED APRIL 1, 2022



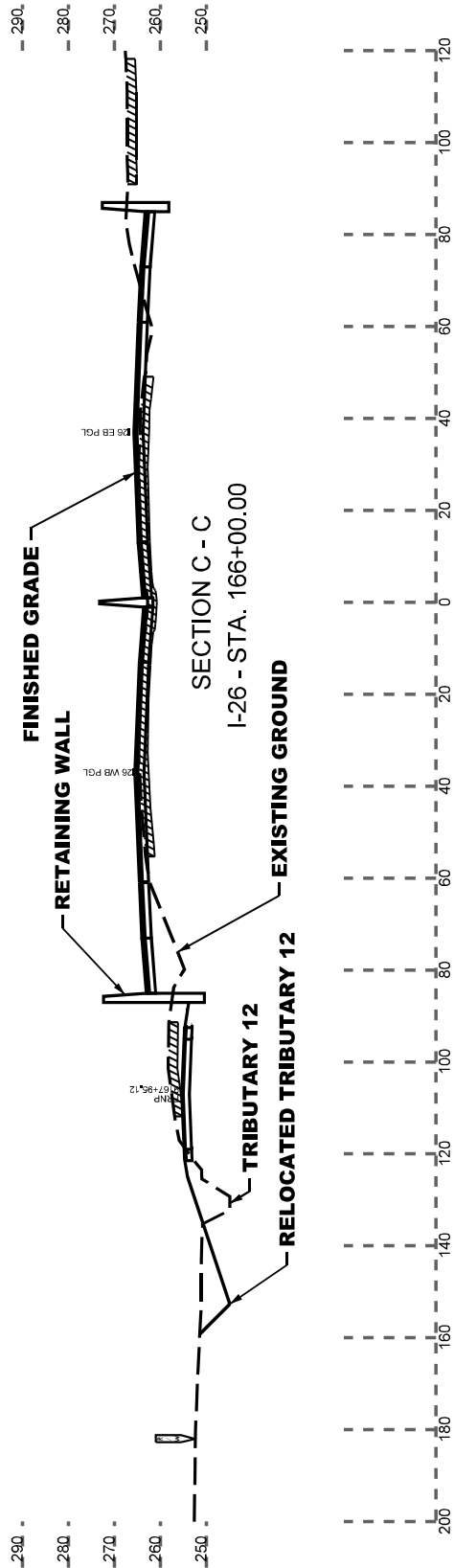
MODIFIED PLANS

 South Carolina Department of Transportation	<p>CAROLINA CROSSROADS PROJECT ID NO. P027662 RICHLAND COUNTY, SC LEXINGTON COUNTY, SC APPLICATION BY SCDOT REVISED APRIL 1, 2022</p>	<p>LEGEND</p> <p> PERMANENT FILL IMPACT</p>	<p> 10' 20'</p> <p>GRAPHIC SCALE</p>
			SHEET 74A OF 78





EXAMPLE TRIBUTARY RELOCATION



MODIFIED PLANS

REPRESENTATIVE SECTION SHOWN.
FINAL CROSS SECTIONS WILL BE PROVIDED
WITH FINAL DESIGN AND PERMIT MODIFICATION





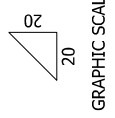
South Carolina Department of Transportation

SHEET 76 OF 78

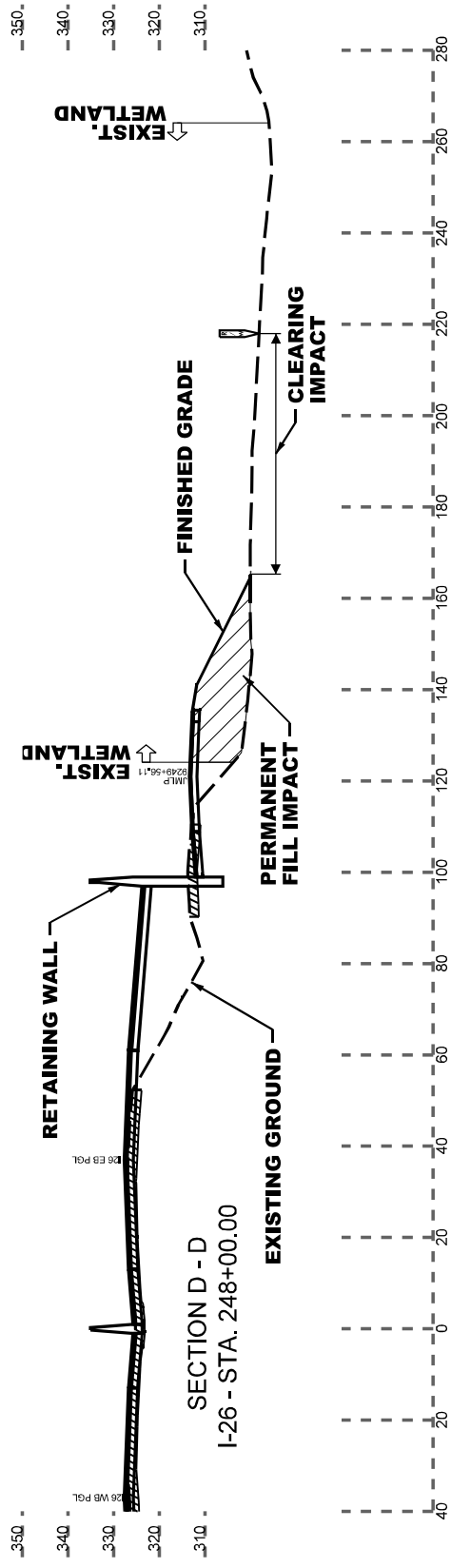
CAROLINA CROSSROADS
PROJECT ID NO. P027662
RICHLAND COUNTY, SC
LEXINGTON COUNTY, SC
APPLICATION BY SCDOT
REVISED APRIL 1, 2022

LEGEND

-  PERMANENT FILL IMPACT
-  RIGHT OF WAY LINE




EXAMPLE WETLANDS IMPACT



MODIFIED PLANS

REPRESENTATIVE SECTION SHOWN.
FINAL CROSS SECTIONS WILL BE PROVIDED
WITH FINAL DESIGN AND PERMIT MODIFICATION





South Carolina Department of Transportation


SHEET 77 OF 78

CAROLINA CROSSROADS
PROJECT ID NO. P027662
RICHLAND COUNTY, SC
LEXINGTON COUNTY, SC
APPLICATION BY SCDOT
REVISED APRIL 1, 2022

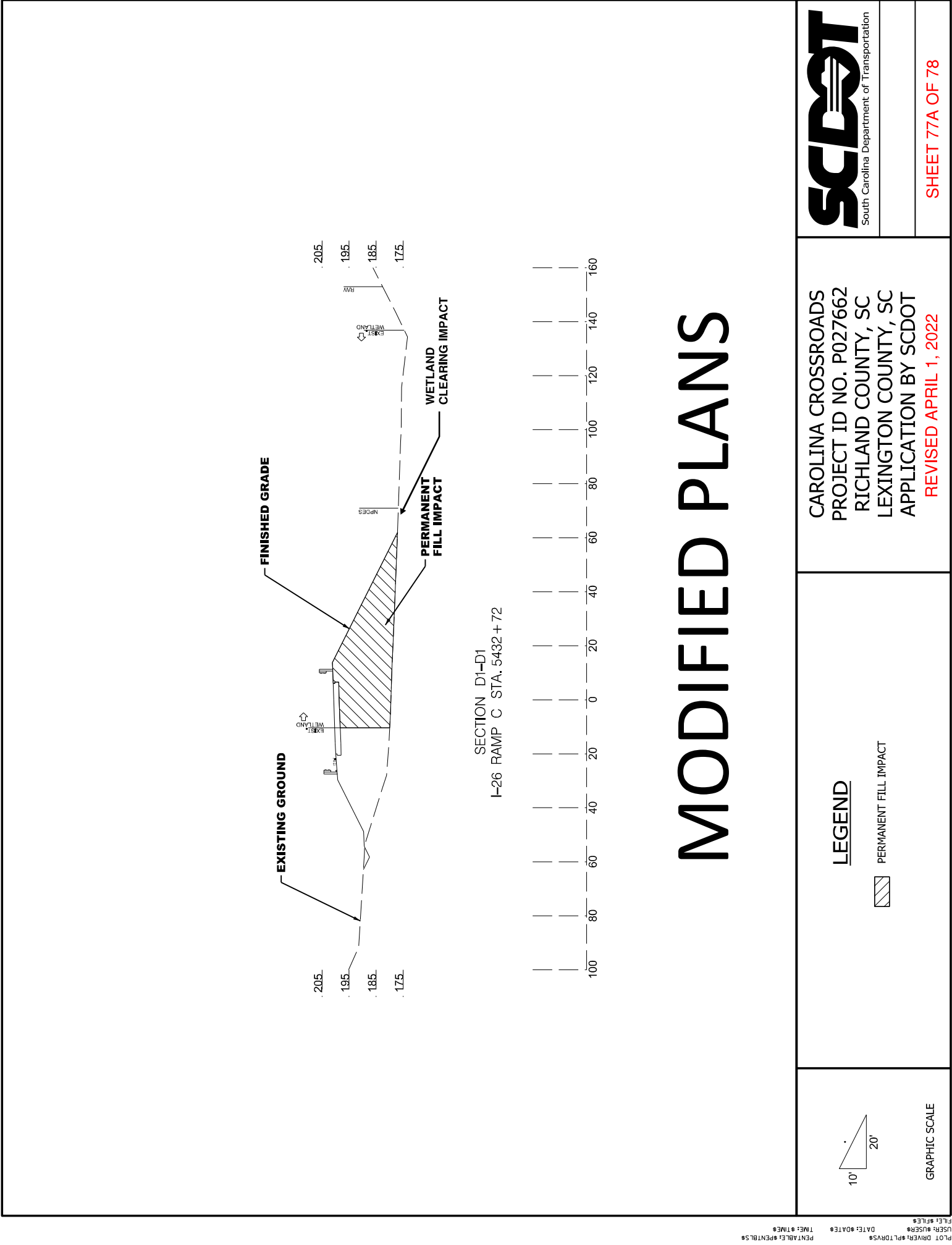
LEGEND

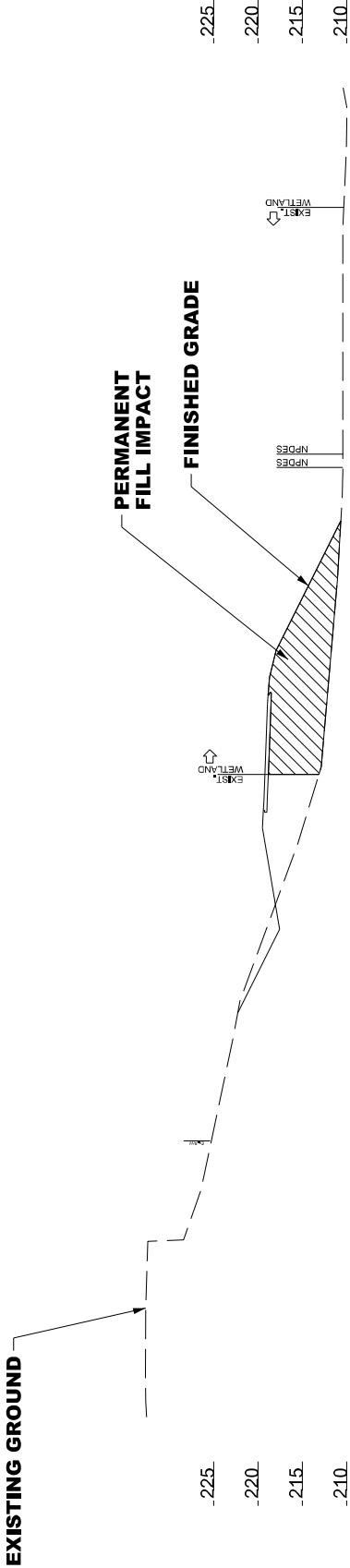
 PERMANENT FILL IMPACT

 RIGHT OF WAY LINE

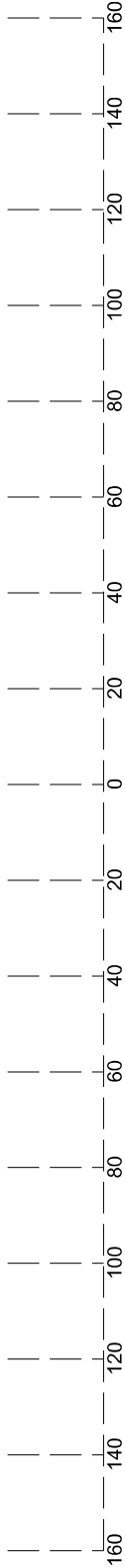


GRAPHIC SCALE

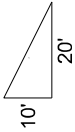




SECTION D2-D2
GARNER LANE STA. 9219 + 00



MODIFIED PLANS



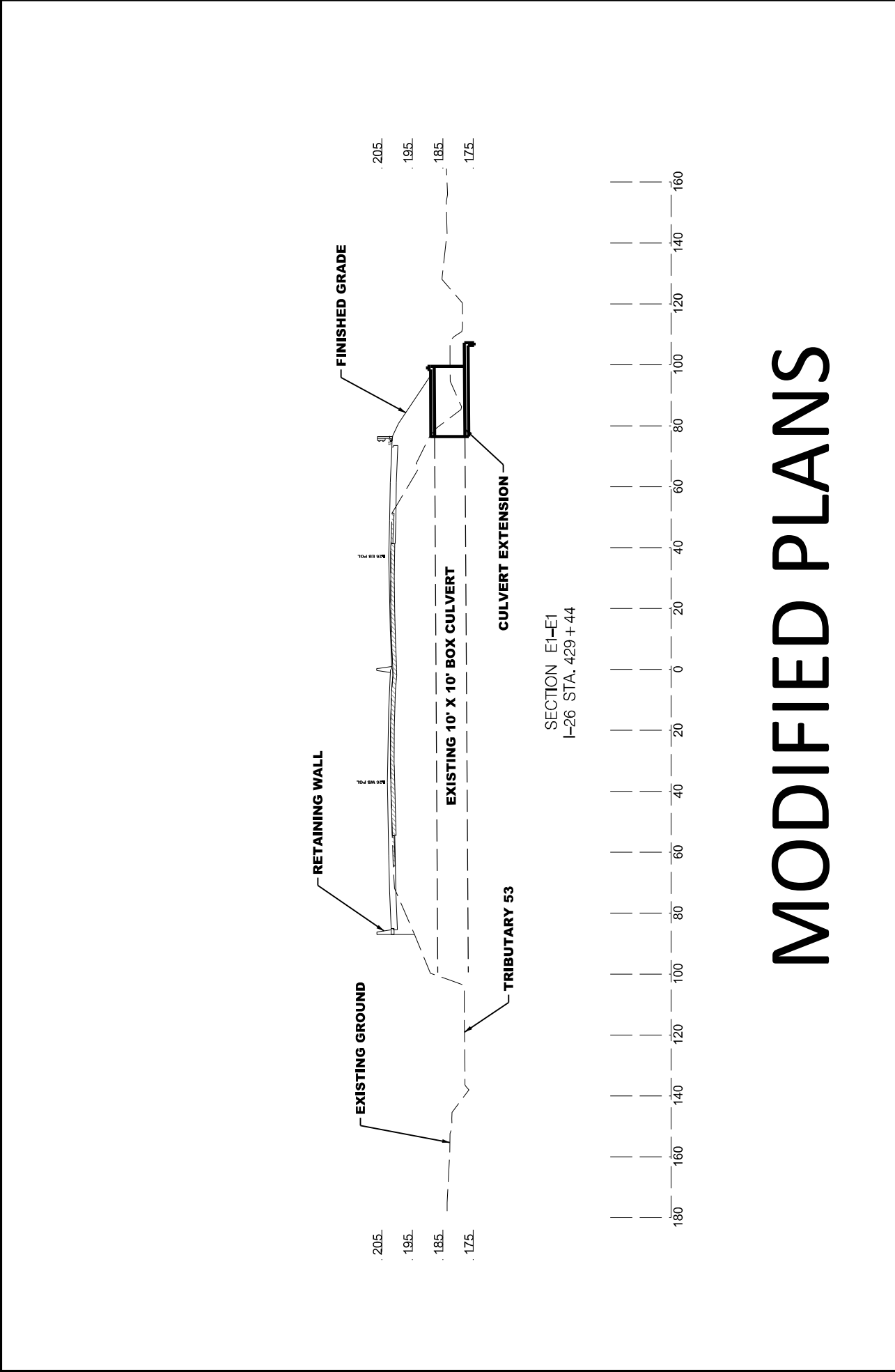
GRAPHIC SCALE

LEGEND



CAROLINA CROSSROADS
PROJECT ID NO. P027662
RICHLAND COUNTY, SC
LEXINGTON COUNTY, SC
APPLICATION BY SCDOT
REVISED APRIL 1, 2022





MODIFIED PLANS

 GRAPHIC SCALE	LEGEND  PERMANENT FILL IMPACT	<p>CAROLINA CROSSROADS PROJECT ID NO. P027662 RICHLAND COUNTY, SC LEXINGTON COUNTY, SC APPLICATION BY SCDOT REVISED APRIL 1, 2022</p>	 South Carolina Department of Transportation
			SHEET 78A OF 78



August 31, 2020

SC Dept of Transportation
PO Box 191
Columbia SC 29202

Re: Certification in Accordance with Section 401 of the Clean Water Act, as amended,
with conditions pursuant to R. 19-450 et. seq., 1976 SC Code of Laws,
Permit For Construction in Navigable Waters

SC Dept of Transportation
Placement of fill material and other structures in waters of the US
Saluda River and tributaries to Broad River and wetlands adjacent to these tributaries
Lexington and Richland County
P/N SAC 2015-01080

Dear Sir or Madam:

South Carolina Department of Health and Environmental Control (DHEC) has reviewed plans for this project and determined that there is a reasonable assurance that the proposed project will be conducted in a manner consistent with the Certification requirements of Section 401 of the Federal Clean Water Act, as amended, and the permitting requirements of R. 19-450 et. seq., 1976 SC Code of Laws.

In accordance with the provisions of Section 401, we certify that this project, subject to the indicated conditions, is consistent with applicable provisions of Section 303 of the Federal Clean Water Act, as amended. We also hereby certify that there are no applicable effluent limitations under Sections 301(b) and 302, and that there are no applicable standards under Sections 306 and 307.

This certification is subject to the following conditions:

401 Water Quality Certification conditions

1. The applicant must implement appropriate best management practices that will minimize erosion and migration of sediments on and off the project site during and after construction. These practices should include the use of appropriate grading and sloping techniques, mulches, silt fences, or other devices capable of preventing erosion, migration of sediments, and bank failure. All disturbed land surfaces and sloped areas affected by the project must be stabilized.
2. All necessary measures must be taken to prevent oil, tar, trash, debris, and other pollutants from entering the adjacent waters, wetlands, or offsite areas.

3. The applicant must adhere to the commitments related to the cultural resources/sites included in the Federal Highways Association's Record of Decision for the final Environmental Impact Statement. Specifically, the applicant must adhere to the following:
 - a. During the construction phase of the project, the contractor/subcontractor must notify ~~workers to watch for the presence of any prehistoric or historic remains, including but~~ not limited to arrowheads, pottery, ceramics, flakes, bones, graves, gravestones, or brick concentrations. If any such remains are encountered, the Resident Construction Engineer and SCDOT's Construction Manager should be notified immediately, and all work in the vicinity of the discovered materials and site shall cease until the SCDOT Chief Archaeologist directs otherwise.
 - b. An archaeological professional must be present during any ground disturbing activities related to Site 38LX212. Additionally, sites 38RD140, 38RD1175, and 38RD1176 will be protected from indirect effect, including borrow sites and equipment staging. Sites must be clearly marked in the field using orange construction fencing prior to beginning construction activities in the vicinity of the resources.
 - c. The Saluda Canal (Site 38RD59) must be clearly plotted on all construction plans along with an appropriate 25-foot buffer. This zone must be clearly marked in the field using orange fencing during construction, and all ground disturbance and construction staging activities must be conducted outside of this buffer in order to avoid all possible impacts to the resource.
4. Only clean, earthen material free of all potential sources of pollution may be used as fill in the aquatic impact area.
5. The project must be in compliance with any applicable local floodplain, erosion, and sediment control and/or stormwater ordinances.
6. Construction activities must avoid and minimize, to the greatest extent practical, disturbance of woody shoreline vegetation within the project area. Removal of vegetation should be limited to only what is necessary for construction of the proposed structures. Where necessary to remove vegetation, supplemental plantings should be installed following completion of the project. These plantings should consist of appropriate native species for the ecoregion.
7. For compensatory mitigation, the applicant must provide 76,566.70 stream and 44.966 wetland mitigation credits for impacts incurred by the proposed project. As mitigation for impacts to wetlands and waters of the United States, the applicant shall implement the following:
 - a. Preservation of approximately 45,262 linear feet of freshwater streams on the Belfast Extension and PH Timber tracts as identified by the PRM Plan;
 - b. Preservation of 8.412 acres of wetlands on the PRM sites;
 - c. Restoration/Enhancement of approximately 18,484 linear feet of freshwater streams on the PH Timber tract;
 - d. Remaining wetlands credits must be debited from a Corps approved mitigation bank.

DHEC reserves the right to impose additional conditions on this Certification to respond to unforeseen, specific problems that may arise and to take any enforcement action necessary to ensure compliance with State water quality standards.

Sincerely,



Heather Preston, Director
Division of Water Quality
Bureau of Water

cc: U.S. Army Corps of Engineers,
Charleston District Office
Midlands-Lexington and Richland Counties- Environmental Affairs District Office

GENERAL CONDITIONS OF NAVIGABLE WATERS PERMITS

- A. The authorization for activities or structures granted by this permit shall constitute a revocable license to use the lands or waters within the jurisdiction of the state.
- B. The Department may require the permittee to modify or remove activities or structures authorized herein if it is determined by the Department that such modification or removal is consistent with the requirement of 450.9(A) [condition A above]. Modification or removal after the permit has been granted shall be ordered only after reasonable notice stating the reasons therefore and providing the permittee an opportunity to be heard.
- C. All activities authorized by the permit shall be consistent with and limited by the terms and conditions of this permit; any unauthorized work or activity different from or inconsistent with the permit may result in the modification, suspension, or revocation of the permit in whole or in part, and the institution of such legal proceedings as the State of South Carolina may consider appropriate.
- D. The construction authorized by this permit must be completed within three years of the date of issuance or such time as the Department may set for good cause shown. Extensions of time may be granted provided that the requests are submitted to the Department in writing prior to the expiration of the original time period, state whether there has been any change in the circumstances since the permit was approved and the reason for the extension of time.
- E. No permit shall convey nor be interpreted as conveying expressly or implicitly, any property right in the land or water in which the permitted activity is located. No permit shall be construed or interpreted as alienating public property for private use, nor does it authorize the permittee to alienate, diminish, infringe upon or otherwise restrict the property rights of other persons or the public.
- F. The grant, denial, modification, suspension, revocation of a permit or removal of a structure authorized under this permit, shall not be the basis for any claim for damages against the State of South Carolina. In no way shall the State be liable for any damage as the result of the erection of permitted works.
- G. The permitted activities shall not block or obstruct navigation or the flow of any waters unless specifically authorized herein; no attempt shall be made by the permittee to prevent the full and free use by the public of all navigable waters at or adjacent to the work authorized by this permit; and, no spoil, dredged material, or any other fill material shall be placed below the mean high water or ordinary high water elevation, unless specifically authorized herein.
- H. The permittee shall make every reasonable effort to perform the authorized work in a manner to minimize adverse impact on fish, wildlife, or water quality, and shall maintain any authorized structure in good condition in accordance with approved plans and specifications.
- I. The permittee shall allow the Department or its authorized agents or representatives to make periodic inspections at any time deemed necessary to assure that the activity being performed is in accordance with the terms and conditions of this permit.
- J. Permits are issued in the name of the applicant and may not be assigned to another without written permission of the Department and the written agreement of the transferee to abide by all the terms and conditions of the permit.
- K. Permittee must notify the South Carolina Department of Archives and History (Rebekah Dobrasko, [803] 896-6183, Historic Preservation Division, 8301 Parklane Rd, Columbia, South Carolina 29223) if any archaeological materials are encountered during the course of the work. Archaeological materials consists of any items, fifty years or older, which were made or used by man. These items include, but are not limited to stone projectile points (arrowheads), ceramic sherds, bricks, worked wood, bone and stone, metal and glass objects, and human skeleton remains. These materials may be present on the ground surface and/or under the surface of the ground.
- L. Permittee must notify the South Carolina Institute of Archaeology and Anthropology (Dr. Jonathan Leader, [803] 576-6560) in accordance with South Carolina Underwater Antiquities Act of 1991 (Article 5, Chapter 7, Title 54 Code of Laws of South Carolina, 1976) in the event archaeological or paleontological remains are found during the course of work. Archaeological remains consist of any materials made or altered by man which remain from past historic or prehistoric times (i.e., older than 50 years). Examples include old pottery fragments, metal, wood, arrowheads, stone implements or tools, human burials, historic docks, structures or nonrecent (i.e., older than 100 years) vessel ruins. Paleontological remains consist of old animal remains, original or fossilized, such as teeth, tusks, bone, or entire skeletons.

NOTIFICATION OF ADMINISTRATIVE APPEAL OPTIONS AND PROCESS AND REQUEST FOR APPEAL

Applicant:	File Number:	Date:
Attached is:		See Section below
	INITIAL PROFFERED PERMIT (Standard Permit or Letter of permission)	A
	PROFFERED PERMIT (Standard Permit or Letter of permission)	B
	PERMIT DENIAL	C
	APPROVED JURISDICTIONAL DETERMINATION	D
	PRELIMINARY JURISDICTIONAL DETERMINATION	E

SECTION I - The following identifies your rights and options regarding an administrative appeal of the above decision. Additional information may be found at <http://usace.army.mil/inet/functions/cw/cecwo/reg> or Corps regulations at 33 CFR Part 331.

A: INITIAL PROFFERED PERMIT: You may accept or object to the permit.

- **ACCEPT:** If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.
- **OBJECT:** If you object to the permit (Standard or LOP) because of certain terms and conditions therein, you may request that the permit be modified accordingly. You must complete Section II of this form and return the form to the district engineer. Your objections must be received by the district engineer within 60 days of the date of this notice, or you will forfeit your right to appeal the permit in the future. Upon receipt of your letter, the district engineer will evaluate your objections and may: (a) modify the permit to address all of your concerns, (b) modify the permit to address some of your objections, or (c) not modify the permit having determined that the permit should be issued as previously written. After evaluating your objections, the district engineer will send you a proffered permit for your reconsideration, as indicated in Section B below.

B: PROFFERED PERMIT: You may accept or appeal the permit

- **ACCEPT:** If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.
- **APPEAL:** If you choose to decline the proffered permit (Standard or LOP) because of certain terms and conditions therein, you may appeal the declined permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

C: PERMIT DENIAL: You may appeal the denial of a permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

D: APPROVED JURISDICTIONAL DETERMINATION: You may accept or appeal the approved JD or provide new information.

- **ACCEPT:** You do not need to notify the Corps to accept an approved JD. Failure to notify the Corps within 60 days of the date of this notice, means that you accept the approved JD in its entirety, and waive all rights to appeal the approved JD.
- **APPEAL:** If you disagree with the approved JD, you may appeal the approved JD under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the Division Engineer, South Atlantic Division, 60 Forsyth St, SW, Atlanta, GA 30308-8801. This form must be received by the Division Engineer within 60 days of the date of this notice.

E: PRELIMINARY JURISDICTIONAL DETERMINATION: You do not need to respond to the Corps regarding the preliminary JD. The Preliminary JD **is not appealable**. If you wish, you may request an approved JD (which may be appealed), by contacting the Corps district for further instruction. Also you may provide new information for further consideration by the Corps to reevaluate the JD.

SECTION II - REQUEST FOR APPEAL or OBJECTIONS TO AN INITIAL PROFFERED PERMIT

REASONS FOR APPEAL OR OBJECTIONS: (Describe your reasons for appealing the decision or your objections to an initial proffered permit in clear concise statements. You may attach additional information to this form to clarify where your reasons or objections are addressed in the administrative record.)

ADDITIONAL INFORMATION: The appeal is limited to a review of the administrative record, the Corps memorandum for the record of the appeal conference or meeting, and any supplemental information that the review officer has determined is needed to clarify the administrative record. Neither the appellant nor the Corps may add new information or analyses to the record. However, you may provide additional information to clarify the location of information that is already in the administrative record.

POINT OF CONTACT FOR QUESTIONS OR INFORMATION:

If you have questions regarding this decision and/or the appeal process you may contact the Corps biologist who signed the letter to which this notification is attached. The name and telephone number of this person is given at the end of the letter.

If you only have questions regarding the appeal process you may also contact: Mr. Philip A. Shannin
Administrative Appeals Review Officer
CESAD-PDS-O
60 Forsyth St, SW, Floor M9
Atlanta, GA 30308-8803
(404) 562-5136

RIGHT OF ENTRY: Your signature below grants the right of entry to Corps of Engineers personnel, and any government consultants, to conduct investigations of the project site during the course of the appeal process. You will be provided a 15 day notice of any site investigation, and will have the opportunity to participate in all site investigations.

Signature of appellant or agent.

Date:

Telephone number: