

# North Carolina Department of Transportation

## NEPA/SEPA Consultation Form

STIP Project No.	<u>B-4635</u>
WBS Element	<u>38446.1.2</u>
Federal Aid Project No.	<u>N/A</u>

### A. Project Description, Location, and Purpose:

The proposed project involves replacement of Bridge No. 9 on US 13 (Fayetteville Highway) over South River Overflow in Sampson County. The replacement structure will be a 167-foot-long bridge providing a minimum of 40-foot clear deck width. The bridge will include a minimum of two undivided 12-foot lanes and 8-foot offsets. The bridge length is based on the current final design and is set by hydraulic requirements. The roadway grade of the new structure will be approximately the same as the existing structure.

Based on the current final design, the approach roadway will extend approximately 676 feet from the west end of the new bridge, and 797 feet from the east end of the new bridge. The approaches will include a 24-foot pavement width providing two 12-foot lanes. Two-foot paved shoulders and a total shoulder width of eight feet will be provided on each side (13-foot shoulders where guardrail is included). The roadway is designed as a Minor Arterial using AASHTO guidelines with a 60 mile per hour design speed.

Traffic will be relocated to an on-site temporary detour during construction.

### B. Consultation Phase: (Check one)

- Right-of-Way
- Construction
- Other: Identify the trigger – (e.g., design change, change in impacts)

### C. NEPA/SEPA Class of Action Initially Approved as: (Check one)

- FHWA Class II (CE) 11/19/2019

Additional Notes: Type I (A) CE

D. Changes in Proposed Action & Environmental Consequences:

Water Resources:

The water resource classifications for the streams identified in the Categorical Exclusion remain accurate.

Protected Species:

Since completion of the Categorical Exclusion, the wood stork has been re-listed for Sampson County. The biological conclusion of “May Affect, Not Likely to Adversely Affect” requires NCDOT to request informal concurrence from the USFWS. Informal concurrence was received from USFWS on November 30, 2020.

No other species have been added or deleted to the list of protected species for Sampson County. However, the Carolina madtom and Neuse River waterdog are currently under consideration for listing for federal protection. These species would be included in the list for Sampson County once they receive their designation. These species have been screened and determined to be “No Effect” for this project due to being outside their range by basin.

The northern long-eared bat PBO that was developed by the USFWS for NCDOT program in eastern North Carolina and cited in the CE, expired on April 30, 2020. However, in a letter dated March 16, 2020 the USFWS extended the duration of the incidental take under the current PBO to December 31, 2020 while a new programmatic agreement and PBO was being developed. The new PBO has been completed and will become effective on January 1, 2021.

Section 106:

NCDOT has reviewed the Section 106 effects findings for historic properties within the project’s area of potential effects (APE), that were made as part of the NEPA analysis. NCDOT has confirmed there is no new information that would alter the original Section 106 findings and, therefore, they remain valid.

E. Conclusion:

The above NEPA/SEPA documentation has been reevaluated (as required by either 23 CFR 771 or by NC General Statute Chapter 113A Article 1). It has been determined that the current proposed action is essentially the same as the original proposed action. Proposed changes, if any, are noted in Section D. It has been determined that anticipated social, economic, and environmental impacts were accurately described in the above referenced document(s) unless noted otherwise herein. Therefore, the original Administration Action remains valid.

F. Coordination

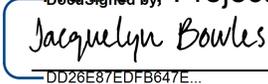
NCDOT personnel have discussed the current project parameters with qualified NCDOT representatives and FHWA (where applicable). The NCDOT Project Manager, Jacquelyn Bowles, PE, hereby verifies the involvement of the following staff and the incorporation of their technical input:

Design Engineer:	Rekha Patel	11/24/2020
Hydraulic Unit	Jerry Snead	11/24/2020
Environmental Specialist:	Jason Dilday	11/30/2020
FHWA (if applicable):	N/A	
Other		

G. Consultation Approval for NCDOT Project B

**Prepared By:**   
 12/3/2020  
 Date

Ahmad Al-Sharawneh  
 NCDOT, Project Management Unit

**Prepared For:**   
 DD26E87EDFB647E...

Jacquelyn Bowles, PE  
 NCDOT, Structures Management Unit

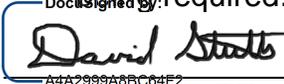
**Reviewed By:**   
 12/3/2020  
 Date

Colin Mellor, Team Lead  
 NCDOT, Environmental Policy Unit

**Approved** In adherence with 23 CFR 771 (NEPA) or NC General Statute Chapter 113A Article 1 (SEPA), NCDOT approves this Consultation.

or

**Certified** NCDOT staff certifies if FHWA signature was previously required or where changes have resulted in FHWA signature being required.

12/3/2020  
 Date 

David Stutts, PE - Project Engineer – PEF/Program Management  
 NCDOT – Structures Management Unit

FHWA Approved: FHWA signature required for Type I(B) CE, Type II(B) CE, Type III CE, FONSI or ROD.

N/A  
 Date John F. Sullivan, III, PE, Division Administrator  
 Federal Highway Administration

H. Project Commitments (as of November 2020)

**Sampson County**  
Bridge No. 9 on US 13  
(Fayetteville Highway) over South River Overflow  
**W.B.S. No. 38446.1.2**  
**T.I.P. No. B-4635**

Current status and new commitments are printed in italics:

**NCDOT-Hydraulics Unit:**

*The Hydraulics Unit will coordinate with the NC Floodplain Mapping Program (FMP) to determine status of project with regard to applicability of NCDOT's Memorandum of Agreement, or approval of a Conditional Letter of Map Revision (CLOMR)\* and subsequent final Letter of Map Revision (LOMR).*

*Action: Coordination resulted in approval on June 21, 2019 for the FEMA NFIP (National Flood Insurance Program) under NCDOT's MOA with the FMP.*

**NCDOT-Highway Division 3:**

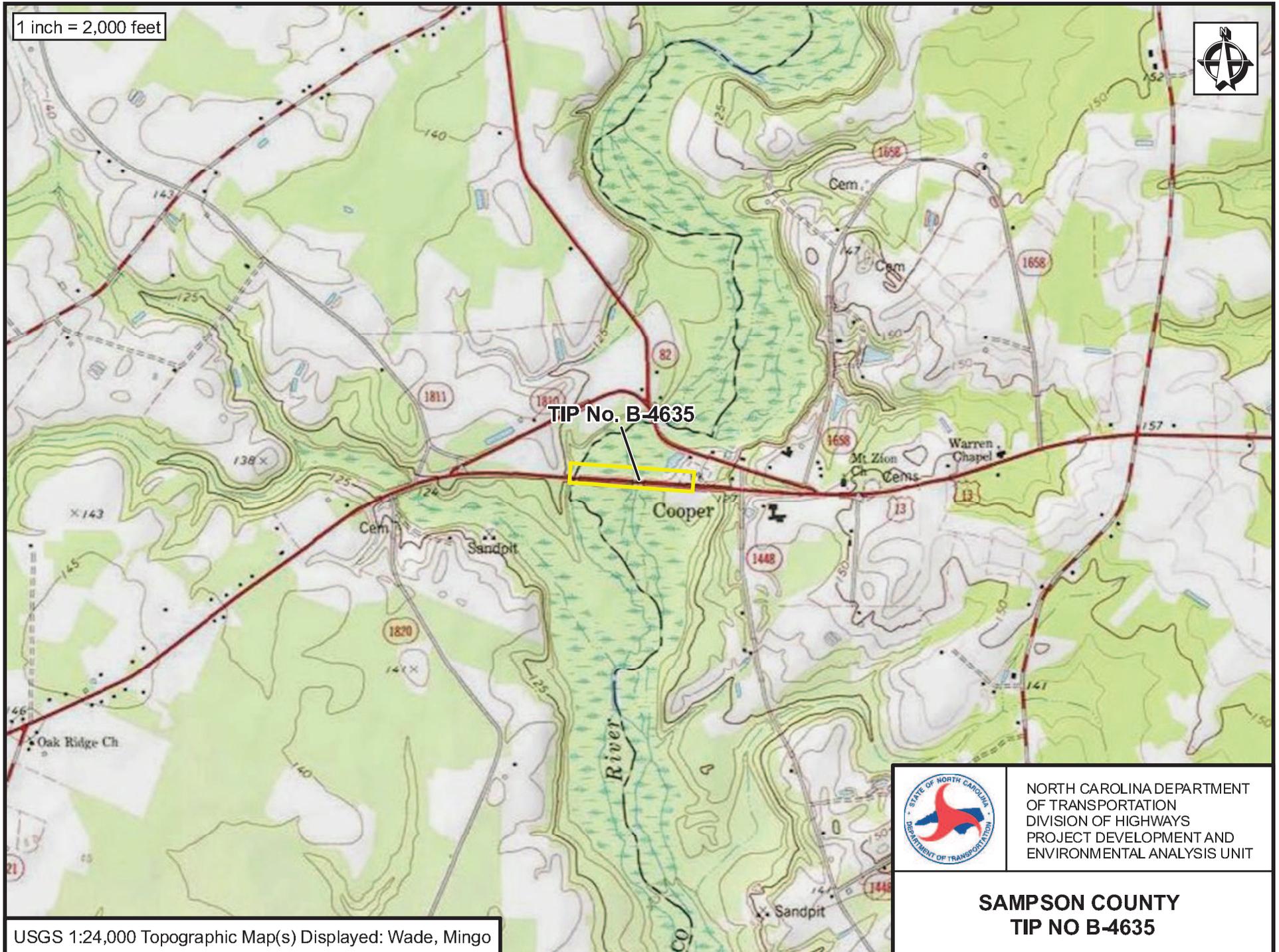
This project involves construction activities on or adjacent to FEMA-regulated stream(s). Therefore, the Division shall submit sealed As-built construction plans to the Hydraulics Unit upon completion of structure construction, certifying that the drainage structure(s) and roadway embankment that are located within the 100-year floodplain were built as shown in the construction plans, both horizontally and vertically.

*Action: This commitment will be fulfilled after construction is completed.*

**COMMITMENTS FROM PERMITTING:**

*No special commitments were made during permitting.*

1 inch = 2,000 feet



TIP No. B-4635



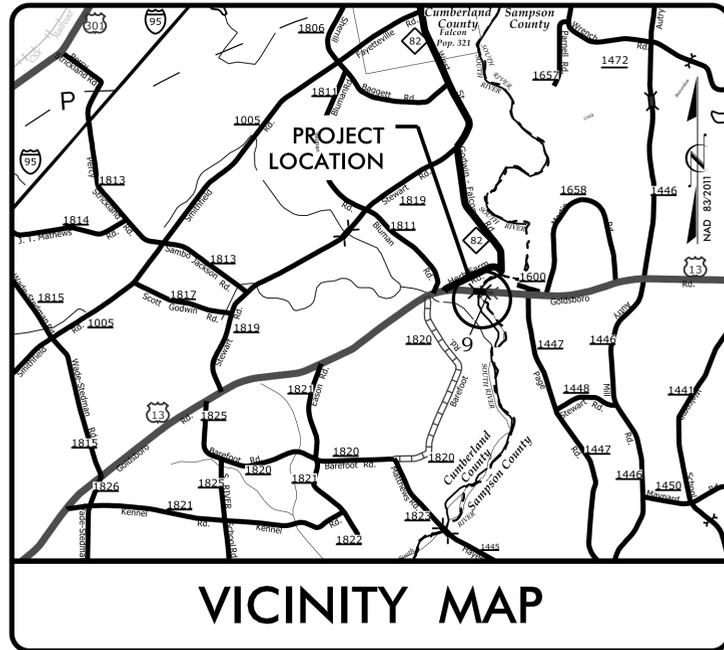
NORTH CAROLINA DEPARTMENT  
OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
PROJECT DEVELOPMENT AND  
ENVIRONMENTAL ANALYSIS UNIT

**SAMPSON COUNTY  
TIP NO B-4635**

USGS 1:24,000 Topographic Map(s) Displayed: Wade, Mingo

09/08/99

See Sheet 1A For Index of Sheets  
See Sheet 1B For Conventional Symbols



STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**SAMPSON COUNTY**

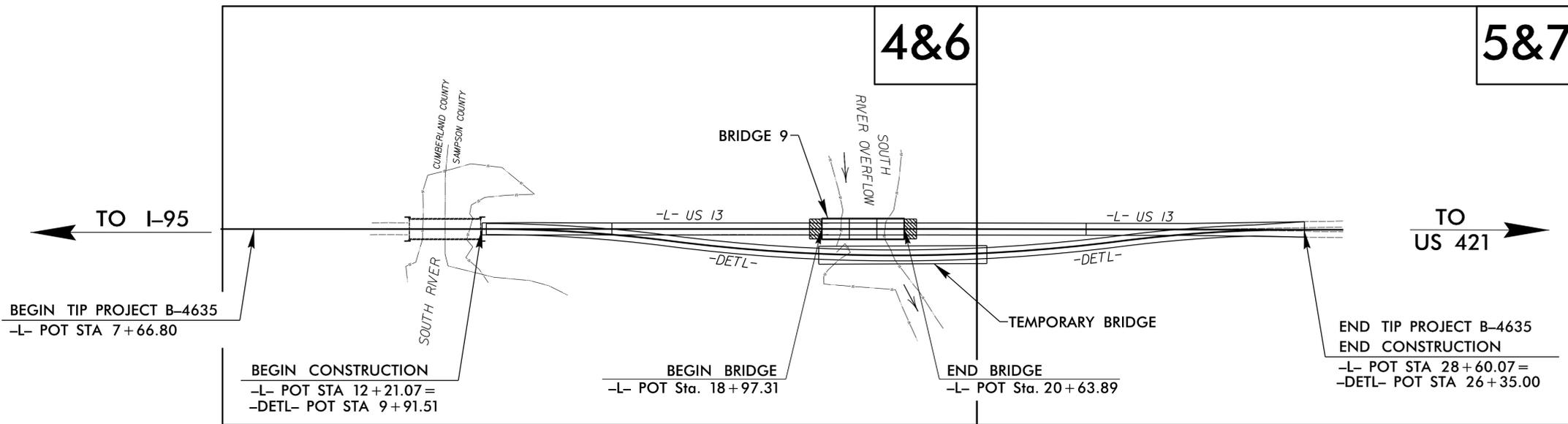
**LOCATION: REPLACE BRIDGE #9 OVER SOUTH RIVER OVERFLOW ON US 13**

**TYPE OF WORK: GRADING, DRAINAGE, PAVING AND STRUCTURE**

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-4635	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
38446.1.2		P.E.	
38446.2.1		R/W	
38446.3.1		CONST.	

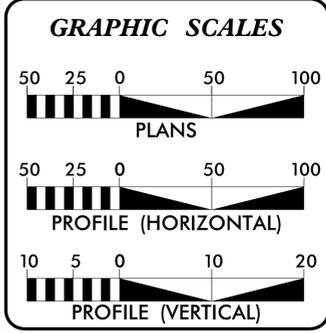
**TIP PROJECT: B-4635**

**CONTRACT: DC00287**



**DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED**

NCDOT CONTACT: DAVID STUTTS, PE



**DESIGN DATA**

ADT 2019 =	4,184
ADT 2039 =	6,104
K =	9 %
D =	60 %
T =	19 % *
V =	60 MPH
* TTST =	14% DUAL 5%
FUNC CLASS =	MINOR ARTERIAL REGIONAL TIER

**PROJECT LENGTH**

LENGTH ROADWAY TIP PROJECT B-4635 =	0.364 MILES
LENGTH STRUCTURE TIP PROJECT B-4635 =	0.032 MILES
<b>TOTAL LENGTH TIP PROJECT B-4635 =</b>	<b>0.396 MILES</b>

**PLANS PREPARED FOR NCDOT BY:**

**Dewberry**  
2610 WYCLIFF ROAD  
SUITE 410  
RALEIGH, NC 27607  
PHONE: 919.881.9939  
NC COA No. F-0929

2018 STANDARD SPECIFICATIONS

**RIGHT OF WAY DATE:**  
APRIL 3, 2019

**LETTING DATE:**  
APRIL 16, 2020

**DENNIS J. MORY, P.E.**  
PROJECT ENGINEER

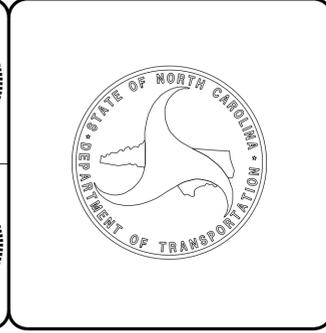
**ANNE MARIE PRIETO, P.E.**  
PROJECT DESIGN ENGINEER

**HYDRAULICS ENGINEER**  
2/28/2020

DocuSigned by:  
*Steve Bondor*  
1D19E1518518AC7  
SIGNATURE:

**ROADWAY DESIGN ENGINEER**  
2/28/2020

DocuSigned by:  
*Dennis J. Mory, PE*  
1D19E1518518AC7  
SIGNATURE:



R/W SHEET NO.

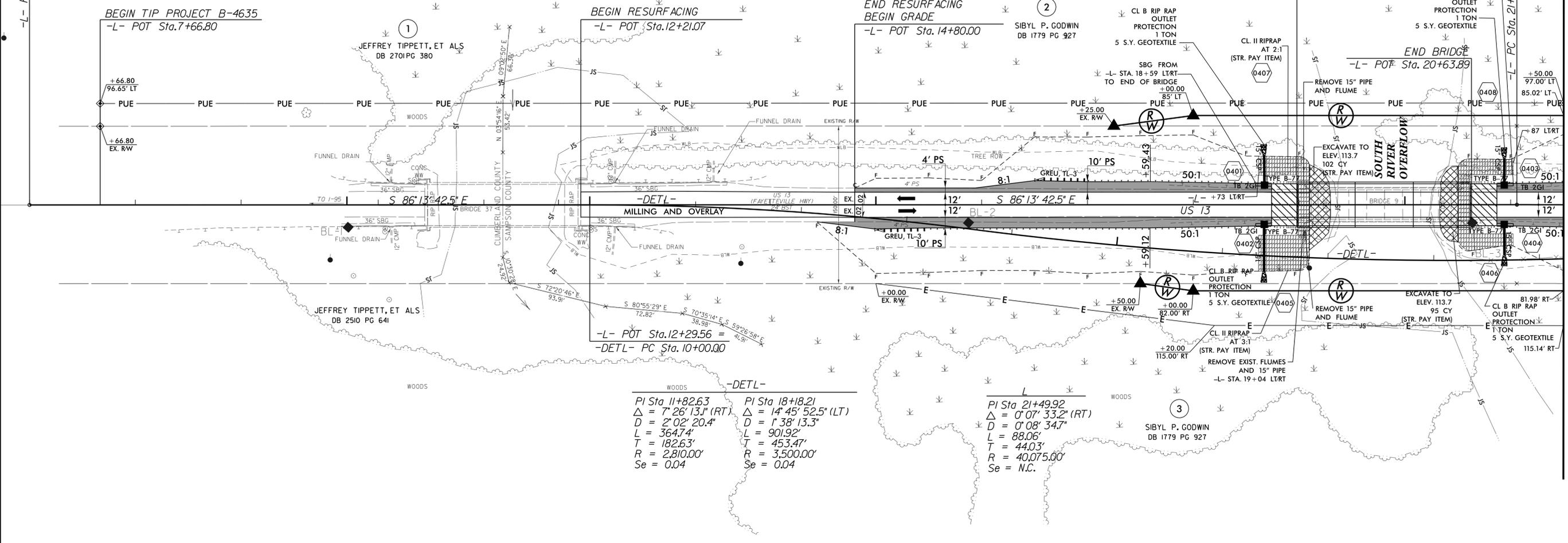
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

**DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED**

2:1 MAX SLOPE ROCK PLATING FROM  
STA. 18+25.00 LT TO STA. 18+97.31 LT  
STA. 20+63.89 LT TO STA. 21+25.00 LT  
SEE STANDARD ROADWAY DRAWING 275.01,  
DETAIL NO. 2 FOR ROCK PLATING DETAILS.



-L- POT Sta. 7+00.00



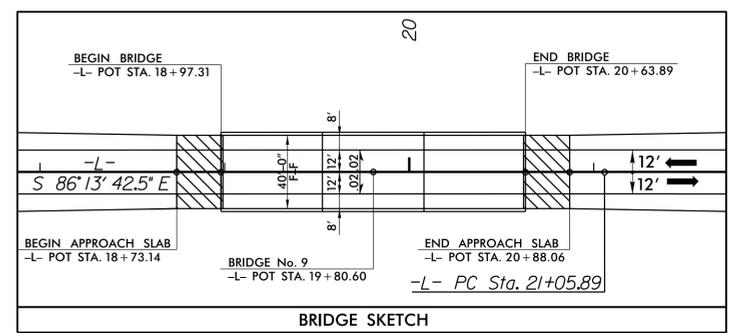
Station	Delta (Δ)	Diameter (D)	Length (L)	Tangent (T)	Radius (R)	Setback (Se)
PI Sta 11+82.63	7° 26' 13.1" (RT)	2' 02" 20.4"	364.74'	182.63'	2,810.00'	0.04
PI Sta 18+18.21	14° 45' 52.5" (LT)	1' 38" 13.3"	901.92'	453.47'	3,500.00'	0.04
PI Sta 21+49.92	0° 07' 33.2" (RT)	0' 08" 34.7"	88.06'	44.03'	40,075.00'	N.C.

**NOTE:**

- UNCLASSIFIED STRUCTURE EXCAVATION
- PAVED SHOULDER
- BRIDGE APPROACH SLAB

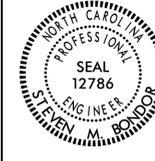
**PARCEL INDEX**

PARCEL No.	SHEET No.	PROPERTY OWNER NAME
1	4	JEFFREY TIPPETT, ET ALS
2	4,5	SIBYL P. GODWIN
3	4,5	SIBYL P. GODWIN



SEE SHEETS 8 & 9 FOR -L- PROFILE  
SEE SHEETS 6 & 7 FOR DETOUR PLAN & PROFILE  
SEE SHEETS S1 THRU S-30 FOR STRUCTURE PLANS

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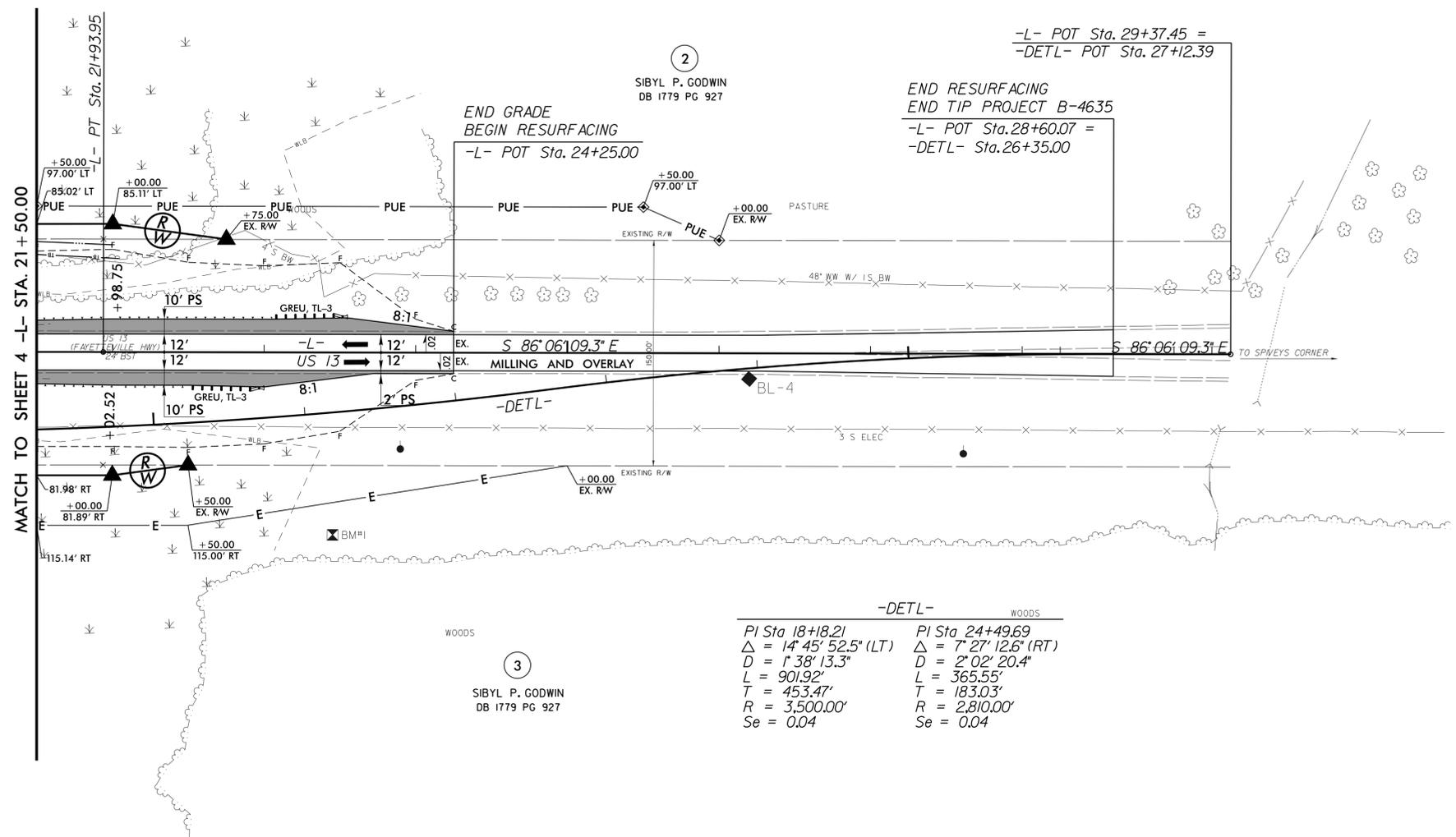
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
	

**DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED**

NAD 83/2011

L  
PI Sta 21+49.92  
Δ = 0° 07' 33.2" (RT)  
D = 0° 08' 34.7"  
L = 88.06'  
T = 44.03'  
R = 40,075.00'  
Se = N.C.

25



MATCH TO SHEET 4 -L- STA. 21+50.00

**NOTE:**  
PAVED SHOULDER 

**PARCEL INDEX**

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1	4	JEFFREY TIPPETT, ET ALS
2	4,5	SIBYL P. GODWIN
3	4,5	SIBYL P. GODWIN

-DETL- WOODS  
PI Sta 18+18.21 Δ = 14° 45' 52.5" (LT) L = 901.92' T = 453.47' R = 3,500.00' Se = 0.04  
PI Sta 24+49.69 Δ = 7° 27' 12.6" (RT) D = 2° 02' 20.4" L = 365.55' T = 183.03' R = 2,810.00' Se = 0.04

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SEE SHEETS 8 & 9 FOR -L- PROFILE  
SEE SHEETS 6 & 7 FOR DETOUR PLAN & PROFILE  
SEE SHEETS S1 THRU S-30 FOR STRUCTURE PLANS