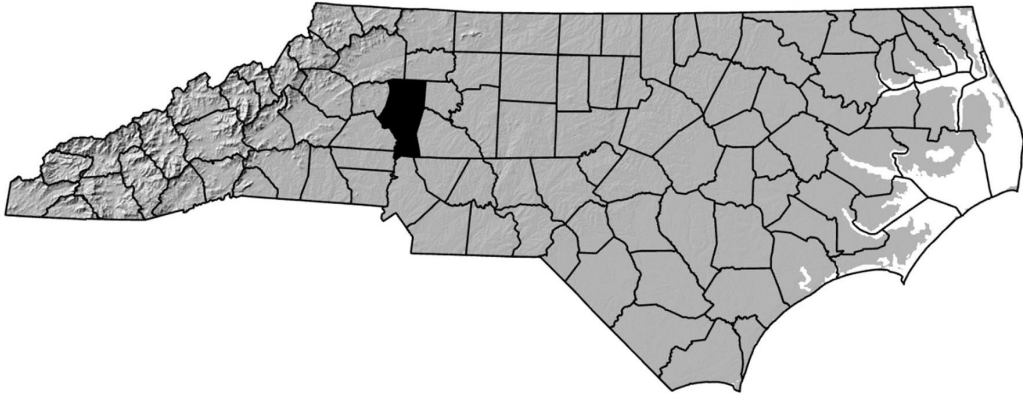
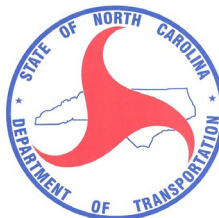


ANNUAL REPORT FOR 2025



**I-3819B Temporary Impact Sites
Iredell County
TIP No. I-3819B
ACOE Action ID: SAW-2018-01504
NCDWR Permit No. 20191006**



Prepared By:
Roadside Environmental Unit and Environmental Analysis Unit
North Carolina Department of Transportation
September 2025

TABLE OF CONTENTS

SUMMARY	1
1.0 Introduction	2
.1 Project Description	2
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.2 Description of Species	3
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.4 Conclusions.	3
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APPENDICES

- Appendix A – Permit Drawings with Photo Point Locations
- Appendix B – Site Photos

SUMMARY

The I-3819B Temporary Impact Sites are located in Iredell County. This is an annual report for temporary impacts associated with the construction of the I-3819B I-40 @ I-77 Interchange.

The temporary impacts included 2.66 acres and 0.27 acres for temporary fill in wetlands for the roadway and utility impacts respectively. The temporarily impacted areas are being monitored to ensure that it re-attains its pre-project wetland functions. No hydrologic monitoring is required for this site; however, vegetation monitoring is required within two years after the project completion.

After the second year of monitoring, the I-3819B Temporary Impact Sites shows by visual observation that the temporarily impacted areas have re-attained their pre-project wetland functions.

NCDOT proposes to discontinue vegetation monitoring at the I-3819B Temporary Impact Sites.

1.0 INTRODUCTION

1.1 Project Description

The I-3819B Temporary Impact Sites are located in Iredell County. This is an annual report for temporary impacts to wetlands associated with the I-40 @ I-77 Interchange project (Figure 1). The temporary impacts included 2.66 acres and 0.27 acres for temporary fill in wetlands for the roadway and utility impacts respectively.

1.2 Purpose

In order for a temporarily impacted site to be considered successful, the site must re-attain pre-project wetland functions. This report details the vegetation monitoring in 2025 at the I-3819B Temporary Impact Sites. Hydrologic monitoring was not required for this site.

1.3 Project History

November 2024

September 2025



Vegetation Monitoring (Year 1)

Vegetation Monitoring (Year 2)

2.0 VEGETATION: I-3819B TEMPORARY IMPACT SITES (YEAR 2 MONITORING)

2.1 Success Criteria

NCDWR Condition #14. Due to the possibility that compaction and/or other site alterations might prevent the temporary wetland impact area from re-attaining jurisdictional wetland status; the permittee shall provide an update on the wetland areas temporarily impacted at all partially impacted sites. This update shall be conducted two growing seasons after completion of the work at those sites and shall consist of photographs and a brief report on the progress of the areas in re-attaining wetland jurisdictional status. Upon submission of this update to the NCDWR, the permittee shall schedule an agency field meeting with the NCDWR to determine if the wetland areas temporarily impacted by this project have re-attained jurisdictional wetland status. If the wetland areas temporarily impacted by this project have not re-attained jurisdictional wetland status, the NCDWR shall determine if compensatory wetland mitigation is required.

2.2 Description of Species

There were no woody species planted for the temporary impacts.

2.3 Results of Vegetation Monitoring

Based on visual observation the temporary impacts have revegetated and returned to their pre-project wetland functions.

2.4 Conclusions

The I-3819B Temporary Impact Sites have re-attained wetland jurisdictional status.

3.0 OVERALL CONCLUSIONS AND RECOMMENDATIONS

NCDOT proposes to discontinue vegetation monitoring at the I-3819B Temporary Impact Sites.





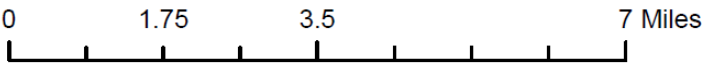
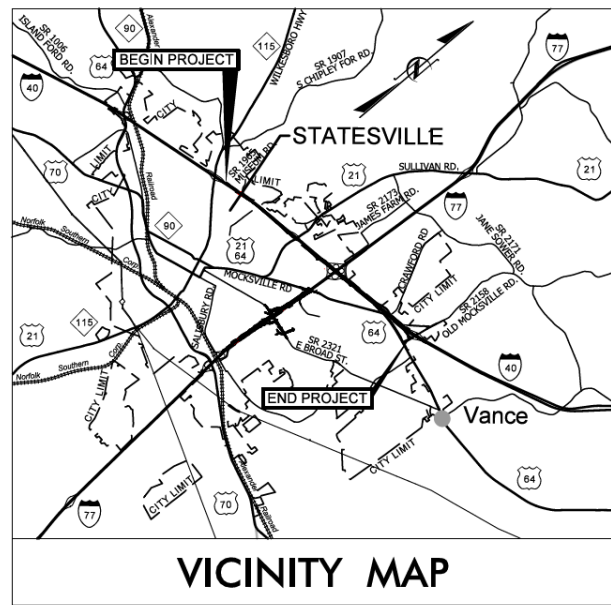
	Vicinity Map I-3819B Temporary Impact Sites Iredell County, North Carolina		
			

Figure 1. Vicinity Map

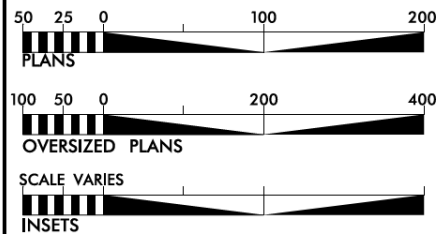
APPENDIX B

PERMIT DRAWINGS WITH PHOTO POINT LOCATIONS

TIP PROJECT: I-3819BU-6039
PROJECT: 34192.1.2



THIS PROJECT IS WITHIN THE MUNICIPAL BOUNDARIES OF THE CITY OF STATESVILLE AND THE TOWNSHIP OF BETHANY



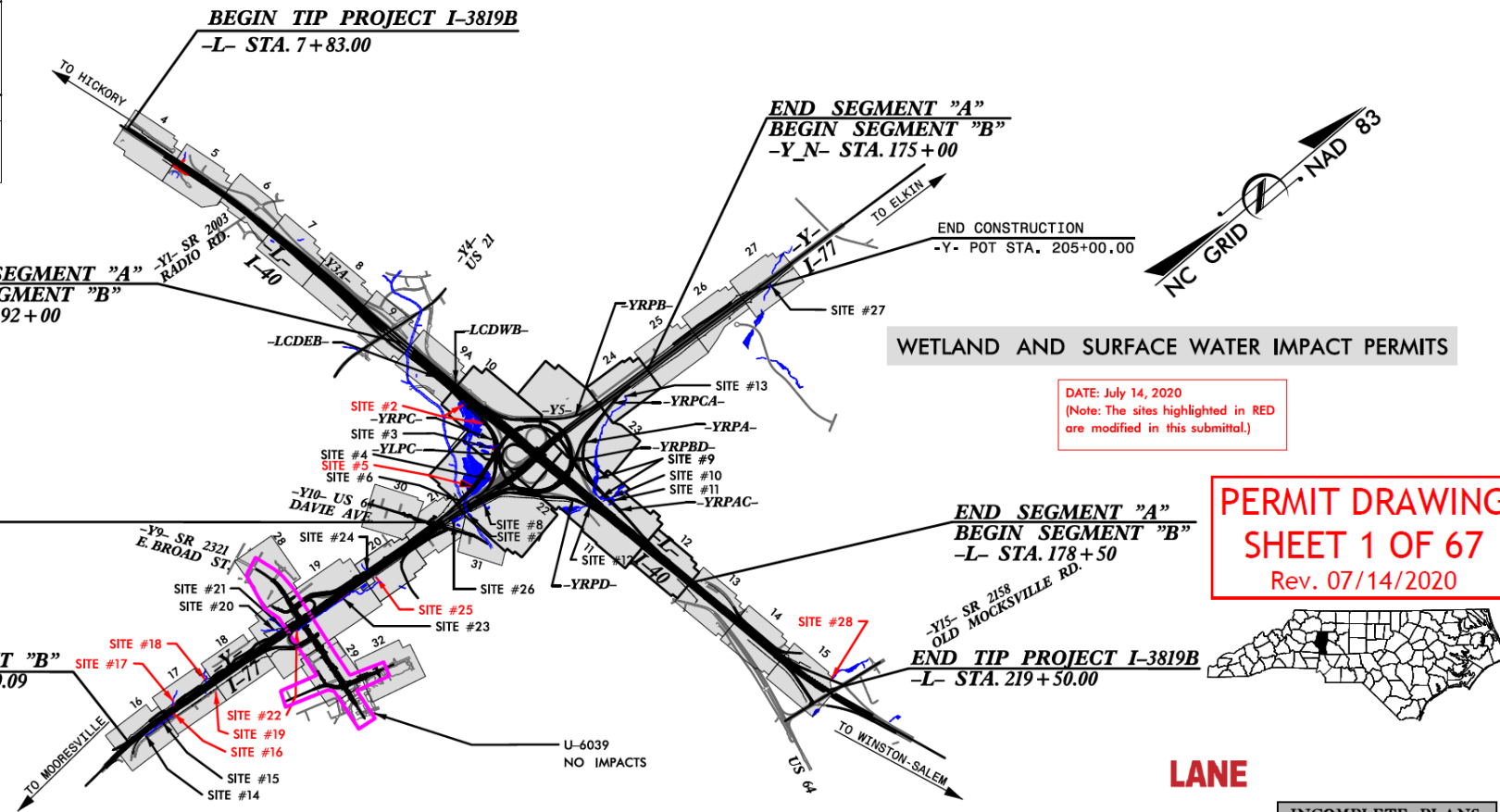
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

IREDELL COUNTY

LOCATION: I-40/I-77 INTERCHANGE INCLUDING I-40 FROM WEST OF SR 2003 (RADIO RD.) TO SR 2158 (OLD MOCKSVILLE RD.) & I-77 FROM SOUTH OF SR 2321 (EAST BROAD ST.) TO SOUTH OF SR 2171 (JANE SOWERS RD.)

TYPE OF WORK: GRADING, DRAINAGE, PAVING, STRUCTURES, RETAINING WALLS, NOISE WALLS, AND TRAFFIC CONTROL

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	I-3819BU-6039	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
34192.1.2	IMS-40-2(124)	P.E.	
34192.3.2	N/A	DESIGN BUILD	



DATE: July 14, 2020
(Note: The sites highlighted in RED are modified in this submittal.)

PERMIT DRAWING SHEET 1 OF 67
Rev. 07/14/2020

CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD III.
THIS IS A CONTROLLED ACCESS PROJECT WITH ACCESS BEING LIMITED TO INTERCHANGES

GRAPHIC SCALES

SEE ABOVE

DESIGN DATA	
I-40	I-77
ADT 2018 = 57,300	62,900
ADT 2040 = 72,500	77,500
DHV = 5,800	6,200
D = 55 %	55 %
T = 16 %	19 % **
V = 60 MPH	60 MPH
* TTST 13 + DUAL 3 (I-40)	
** TTST 16 + DUAL 3 (I-77)	
CLASSIFICATION: INTERSTATE	

PROJECT LENGTH	
LENGTH ROADWAY TIP PROJECT I-3819B	= 3.885
LENGTH STRUCTURES TIP PROJECT I-3819B	= 0.124
TOTAL LENGTH OF TIP PROJECT I-3819B	= 4.009

Prepared In the Office of:
WSP
1001 Morehead Square Dr., Suite 610, Charlotte, NC 28203
NC LIC NO. F-0165

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE: OCTOBER 30, 2018

LETTING DATE: OCTOBER 30, 2018

CHRISTOPHER D. DAVIS, P.E.
PROJECT ENGINEER

ERIC W. SECKINGER, P.E.
PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER

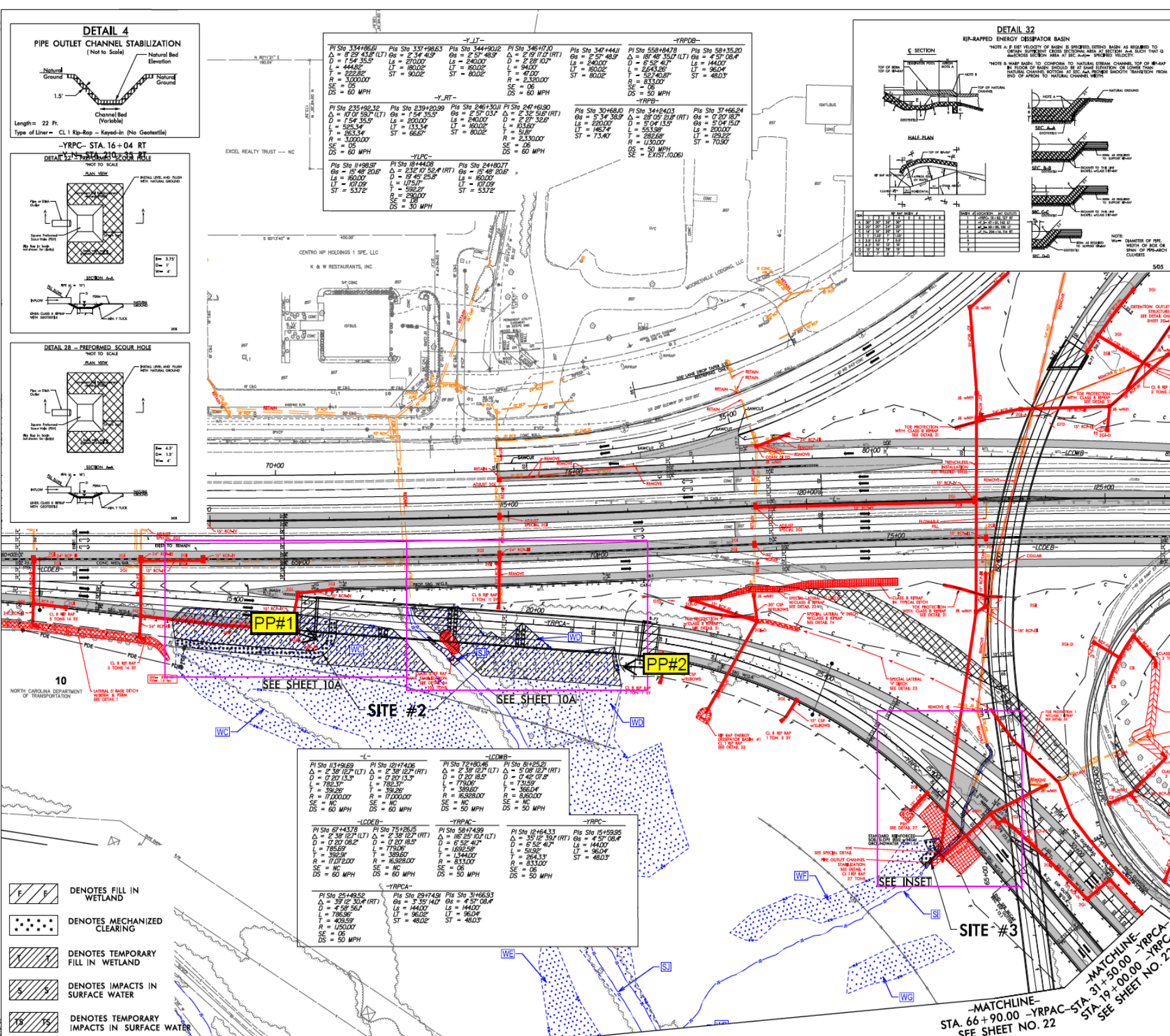
ROADWAY DESIGN ENGINEER

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

STATE HIGHWAY DESIGN ENGINEER

7/19/2020 c:\wise\pb\project\wise\becker\jw\40333329\13819_hyd.prm_TSH.dgn

-MATCHLINE- STA. 106+50.00 -L- SEE SHEET NO. 9A



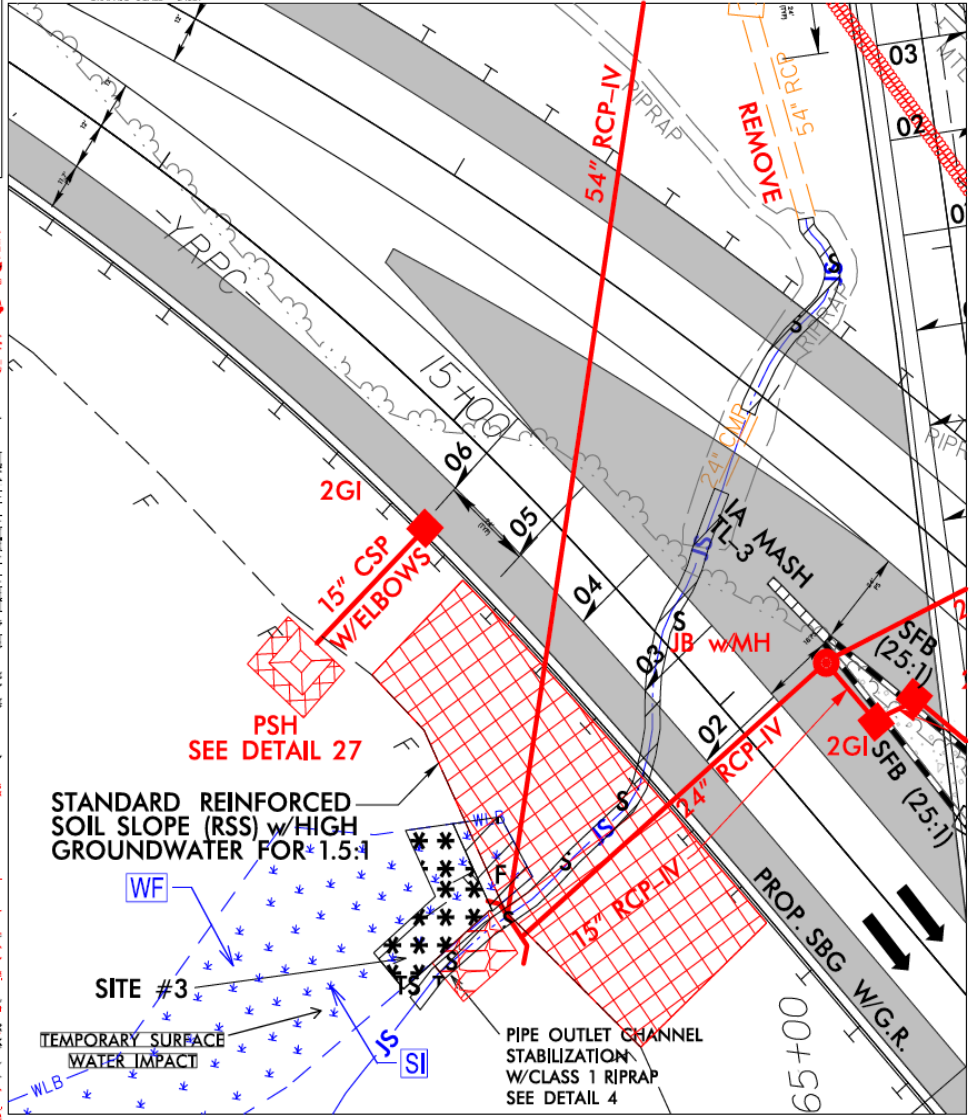
SITE #3 INSET

- Denotes FILL IN WETLAND
- Denotes MECHANIZED CLEARING
- Denotes IMPACTS IN SURFACE WATER
- Denotes TEMPORARY IMPACTS IN SURFACE WATER

GRAPHIC SCALE - INSET

PROJECT REFERENCE NO. 1-3898
SHEET NO. 10
ROADWAY DESIGN ENGINEER
HIGHWAYS ENGINEER

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



PERMIT DRAWING
SHEET 2 OF 67
Rev. 07/14/2020

LOCATION: _____
 IF NO. _____ COUNTY: _____
 DESIGNED BY: C. GIBB
 CHECKED BY: S. ANGELOTTI DATE: 6-2-2020

WETLAND AND SURFACE WATER IMPACTS SUMMARY

Site No.	Station (From/To)	Structure Size / Type	WETLAND IMPACTS					SURFACE WATER IMPACTS				
			Permanent Fill In Wetlands (ac)	Temp. Fill In Wetlands (ac)	Excavation in Wetlands (ac)	Mechanized Clearing in Wetlands (ac)	Hand Clearing in Wetlands (ac)	Permanent SW impacts (ac)	Temp. SW impacts (ac)	Existing Channel Impacts Permanent (ft)	Existing Channel Impacts Temp. (ft)	Natural Stream Design (ft)
1	Site 1 Eliminated											
2	14+00 -21+50-YRPCA-	Roadway Fill	0.32			0.09						
2	16+70 - 21+50-YRPCA-	Bridge/Stream Bank Stabilization**	0.02	0.62		0.02		< 0.01	< 0.01	42	20	
3	15+75-YRPC-	Roadway Fill	< 0.01			0.01		0.02	< 0.01	206	10	
4	24+00-YRPC-	Roadway Fill				0.02						
5	70+00 - 76+25 -YRPAC-	Bridge**	0.03	1.81		0.05						
5	72+70 - 74+50 -YRPAC-	Construction Access		0.23					0.02		77	
6	121+50-Y_LT-	Stream Bank Stabilization						< 0.01	< 0.01	12	20	
7	120+90-Y_RT-	Stream Bank Stabilization						< 0.01	< 0.01	12	20	
8	19+00-YRPDB-	Roadway Fill	< 0.01			< 0.01						
9	28+50 - 34+00-YRPAC-	Roadway Fill	0.40			0.08		0.07	< 0.01	747	10	
10	28+00-YRPAC-	Stream Bank Stabilization						< 0.01	< 0.01	25	20	
11	27+50 - 26+50-YRPAC	Roadway Fill	0.19			0.02						
12	149+00-150+00-L-	Bridge						< 0.01	0.01	10	54	
13	167+00-Y_RT-	Stream Bed Stabilization						< 0.01		17		
13	167+00-Y_RT-	Stream Bank Stabilization						< 0.01	< 0.01	44	10	
14	28+50-Y-	Stream Bed Stabilization						< 0.01	< 0.01	17	10	
15	33+75-Y-	Stream Bank Stabilization						< 0.01	< 0.01	11	20	
16	37+10-37+20-Y-	Roadway Fill						< 0.01		15		
16	35+90-37+10-Y-	New Channel						< 0.01	< 0.01	98	10	
17	37+70-37+80-Y-	Roadway Fill						< 0.01		20		
17	37+80-38+05-Y-	New Channel						< 0.01		33		
17	38+05-38+50-Y-	Stream Bed Stabilization						< 0.01	< 0.01	62	20	
18	47+50-Y-	Roadway Fill						< 0.01		39		
SHEET 66 SUBTOTALS*:			0.97	2.66	0.00	0.29	0.00	0.16	0.06	1410	301	0

*Rounded totals are sum of actual impacts for sites listed on Sheet 66. See Sheet 67 for project total.

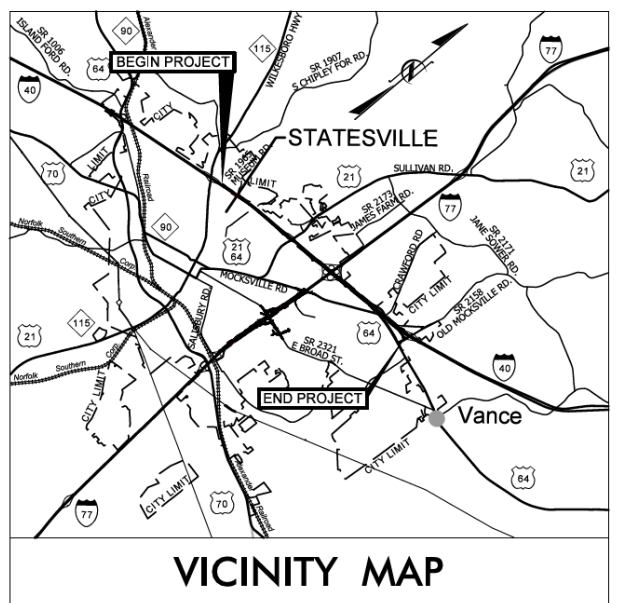
**Temporary fill in wetlands includes impacts previously classified as hand clearing, changed per NCDEQ comment (matting for construction access)

NC DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 06/10/2020
 IREDELL
 TIP NO. I-3819B
 WBS NO.

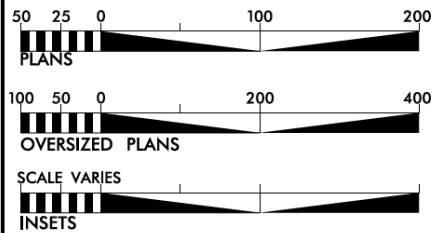
09/28/2019

PROJECT: I-3819BU-6039

PROJECT: 34192.1.2



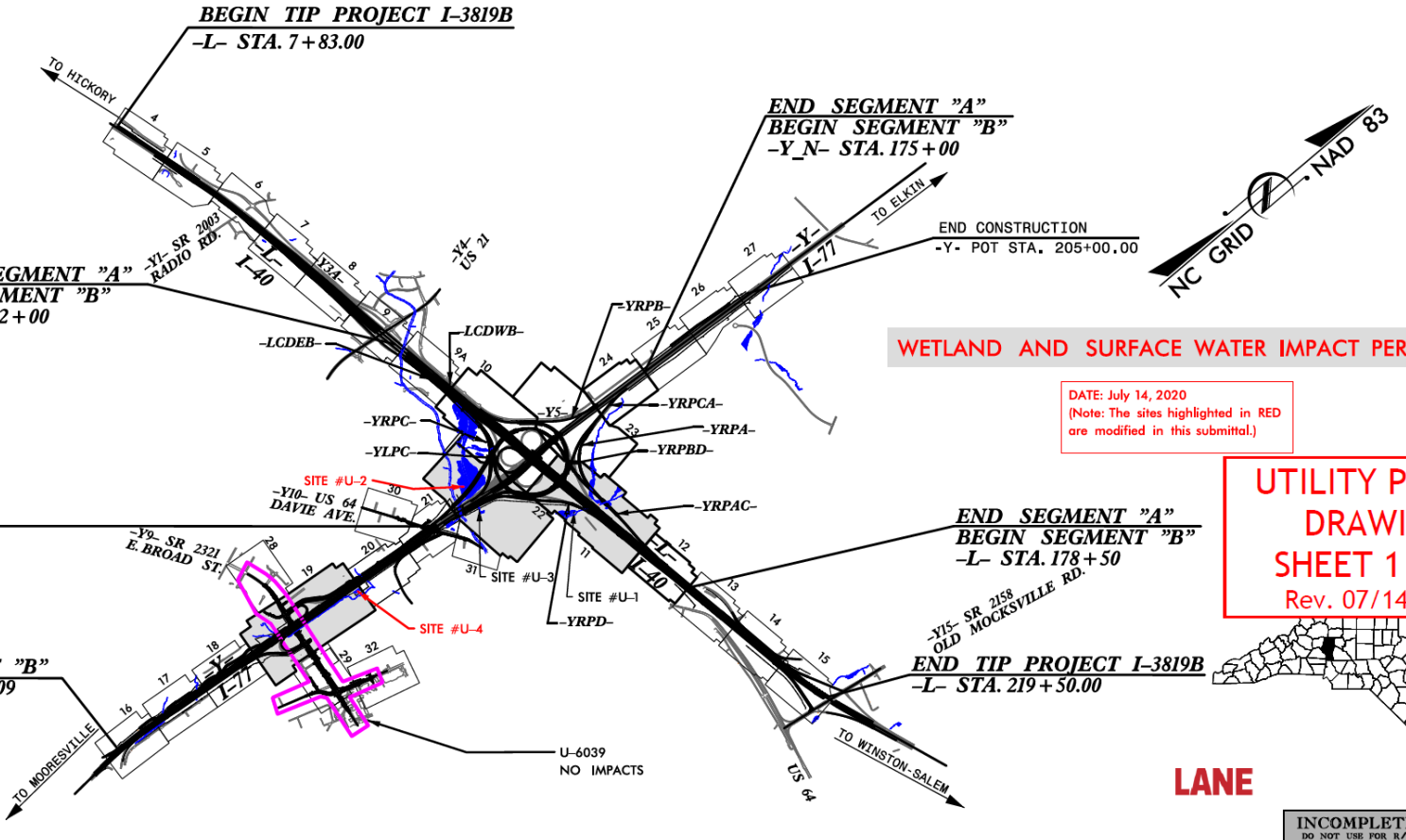
THIS PROJECT IS WITHIN THE MUNICIPAL BOUNDARIES OF THE CITY OF STATESVILLE AND THE TOWNSHIP OF BETHANY



STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
IREDELL COUNTY

LOCATION: I-40/I-77 INTERCHANGE INCLUDING I-40 FROM WEST OF SR 2003 (RADIO RD.) TO SR 2158 (OLD MOCKSVILLE RD.) & I-77 FROM SOUTH OF SR 2321 (EAST BROAD ST.) TO SOUTH OF SR 2171 (JANE SOWERS RD.)
TYPE OF WORK: GRADING, DRAINAGE, PAVING, STRUCTURES, RETAINING WALLS, NOISE WALLS, AND TRAFFIC CONTROL

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	I-3819BU-6039	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
34192.1.2	IMS-40-2(124)	P.E.	
34192.3.2	N/A	DESIGN BUILD	



WETLAND AND SURFACE WATER IMPACT PERMITS

DATE: July 14, 2020
(Note: The sites highlighted in RED are modified in this submittal.)

**UTILITY PERMIT
DRAWING
SHEET 1 OF 8**
Rev. 07/14/2020

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

GRAPHIC SCALES

SEE ABOVE

DESIGN DATA

	I-40	I-77
ADT 2018	= 57,300	62,900
ADT 2040	= 72,500	77,500
DHV	= 5,800	6,200
D	= 55 %	55 %
T	= 16 %	* 19 % **
V	= 60 MPH	60 MPH
* TTST 13 + DUAL 3 (I-40)		
** TTST 16 + DUAL 3 (I-77)		
CLASSIFICATION: INTERSTATE		

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT I-3819B	= 3.885
LENGTH STRUCTURES TIP PROJECT I-3819B	= 0.124
TOTAL LENGTH OF TIP PROJECT I-3819B	= 4.009

Prepared In the Office of:
WSP
1001 Morehead Square Dr., Suite 610, Charlotte, NC 28203
NC LIC NO. F-0165

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
OCTOBER 30, 2018

LETTING DATE:
OCTOBER 30, 2018

HYDRAULICS ENGINEER

SIGNATURE: _____ P.E.

ROADWAY DESIGN ENGINEER

SIGNATURE: _____ P.E.

**DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA**

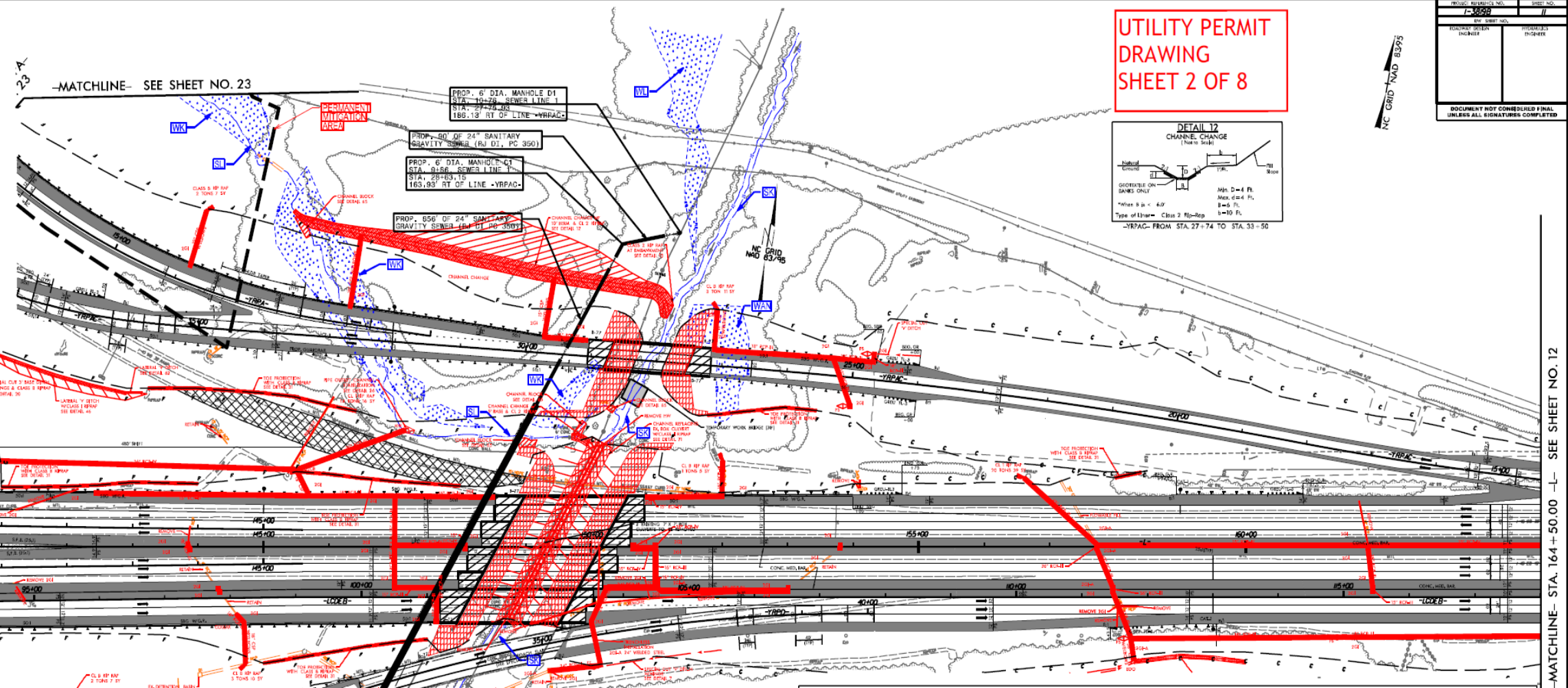
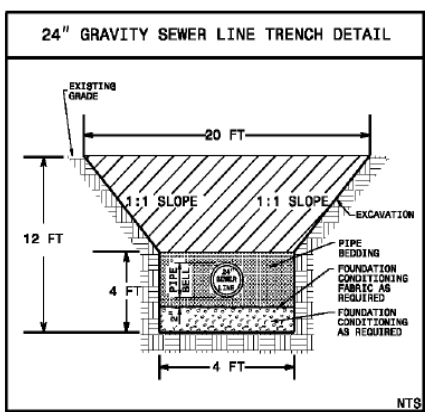
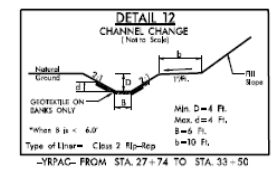
STATE HIGHWAY DESIGN ENGINEER P.E.

7/19/2020 c:\projects\wise\pb\project\wise\becker\w\0350035\3819_hyd_prm_TSH_Utility.dgn becker\w

PROJECT NO.	1-3858
SHEET NO.	11
DATE	
DESIGNED BY	
CHECKED BY	
APPROVED BY	
DOCUMENT NOT COMPLETED FINAL UNLESS ALL SIGNATURES COMPLETED	

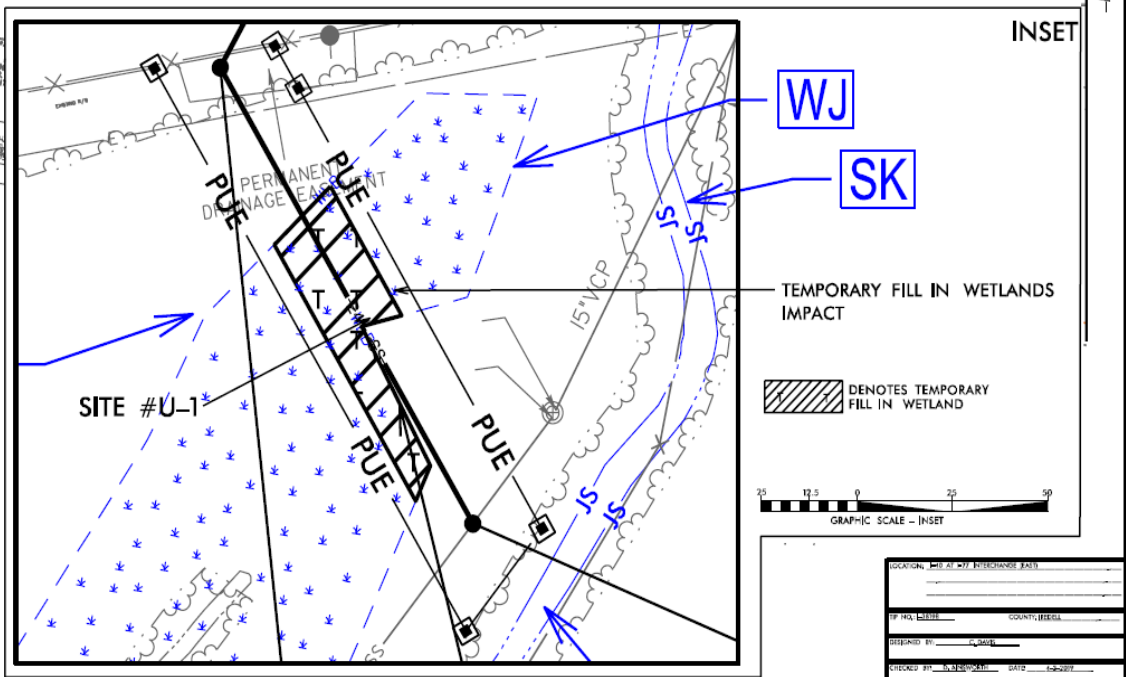
**UTILITY PERMIT
DRAWING
SHEET 2 OF 8**

NC GRID NAD 83/95



-MATCHLINE- STA. 135+50.00 -L- SEE SHEET NO. 10

-MATCHLINE- STA. 164+50.00 -L- SEE SHEET NO. 12



DENOTES FILL IMPACTS IN WETLANDS

- PROP. 6\"/>
- PROP. 130\"/>
- PROP. 6\"/>

DESIGNED BY	
CHECKED BY	
APPROVED BY	

WETLAND AND SURFACE WATER IMPACTS SUMMARY

Site No.	Station (From/To)	Structure Size / Type	WETLAND IMPACTS					SURFACE WATER IMPACTS				
			Permanent Fill In Wetlands (ac)	Temp. Fill In Wetlands (ac)	Excavation in Wetlands (ac)	Mechanized Clearing in Wetlands (ac)	Hand Clearing in Wetlands (ac)	Permanent SW impacts (ac)	Temp. SW impacts (ac)	Existing Channel Impacts Permanent (ft)	Existing Channel Impacts Temp. (ft)	Natural Stream Design (ft)
U-1	31+50-YRPD-	Utility		0.02								
U-2	75+00-YRPAC-**	Utility	< 0.01	0.25		0.02						
U-3	18+92-YRPDB-	Utility					< 0.01					
U-4	91+00-Y_S-	Utility				0.14						
TOTALS*:			< 0.01	0.27		0.16	< 0.01					

*Rounded totals are sum of actual impacts for entire project area

**Permanent Impact from a single 5 ft diameter monopole foundation for new transmission tower location.

NC DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 07/14/2020
 IREDELL
 TIP NO. I-3819B
 WBS NO.
 SHEET 8 OF 8

APPENDIX B

SITE PHOTOS

I-3819B Temporary Impact Sites



PP#1 @ Site 2



PP#2 @ Site 2



PP#3 @ Site 5



PP#4 @ Site 5



PP#5 @ Site 5



PP#6 @ Site 5

I-3819B Temporary Impact Sites



PP#7 @ U-1

September 2025



PP#8 @ U-2