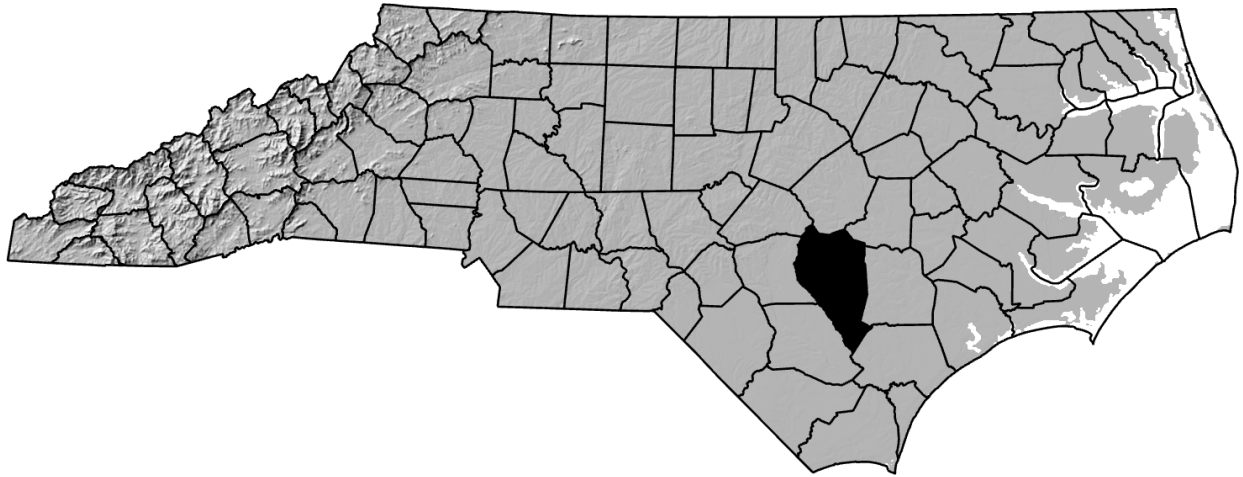


# ANNUAL REPORT FOR 2023

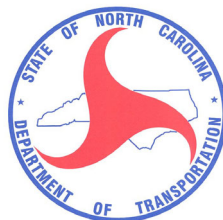


**Br. 9 over South River Overflow Temporary Impact Site  
Sampson County**

**TIP No. B-4635**

**COE Action ID: SAW-2015-01191**

**DWR Project #: 20191252**



Prepared By:  
Roadside Environmental Unit and Environmental Analysis Unit  
North Carolina Department of Transportation  
June 2023

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## **SUMMARY**

The Br. #9 over South River Overflow Temporary Impact Site is located in Sampson County. This is an annual report for temporary impacts associated with TIP No. B-4635 bridge replacement of Bridge No. 9 over South River Overflow on US 13. Construction was completed in June 2022.

The temporary impacts encompass approximately 0.14 acres for the temporary fill within wetlands for the temporary onsite detour. The area that was impacted is being monitored for two years to ensure that it re-attains wetland jurisdictional status.

After the second year of monitoring, the Br. #9 over South River Overflow Temporary Impact Site shows by visual observation that the temporarily impacted areas has re-attained jurisdictional wetland status.

NCDOT proposes to discontinue monitoring at the Br. #9 over South River Overflow Temporary Impact Site.

## **1.0 INTRODUCTION**

### **1.1 Project Description**

The Br. #9 over South River Overflow Temporary Impact Site is located in Sampson County at Bridge No. 9 over South River Overflow on US 13 (Figure 1). The temporary impacts encompass approximately 0.14 acres for the temporary fill within wetlands for the temporary onsite detour route. The area that was impacted is being monitored for two years to ensure that it re-attains jurisdictional wetland status.

### **1.2 Purpose**

In order for a temporary impact site to be considered successful, a site must meet the success criteria. This report details the monitoring in 2023 at the Br. #9 over South River Overflow Temporary Impact Site.

### **1.3 Project History**

June 2022	Project Completion
September 2022	Vegetation Monitoring (Year 1)
June 2023	Vegetation Monitoring (Year 2)

### **1.4 Debit Ledger**

The restoration of the Br. #9 over South River Overflow temporary impact site was used entirely to compensate for temporary impacts on the B-4635 project. There were no wetland mitigation credits generated from the restoration of the temporary impacted area.

## **2.0 VEGETATION: BR. #9 OVER SOUTH RIVER OVERFLOW TEMPORARY IMPACT SITE (YEAR 2 MONITORING)**

### **2.1 Success Criteria**

#### **ACOE permit:**

##### **TEMPORARY DETOUR**

10. Within thirty (30) days of the date of completing the authorized work, the Permittee shall remove all temporary fills in waters of the United States and restore the affected areas to preconstruction contours and elevations. The affected areas shall be re-vegetated with native, non-invasive vegetation as necessary to minimize erosion and ensure site stability.

#### **NCDWR permit:**

5. 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 in the onsite detour route. This update shall be conducted two growing seasons after completion of the work at the restoration area 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 the onsite detour route have not re-attained jurisdictional wetland status, the NCDWR shall determine if compensatory wetland mitigation is required.

### **2.2 Description of Species**

The following wetland species were planted in the temporary impact area:

No wetland reforestation was required.

### **2.3 Results of Vegetation Monitoring**

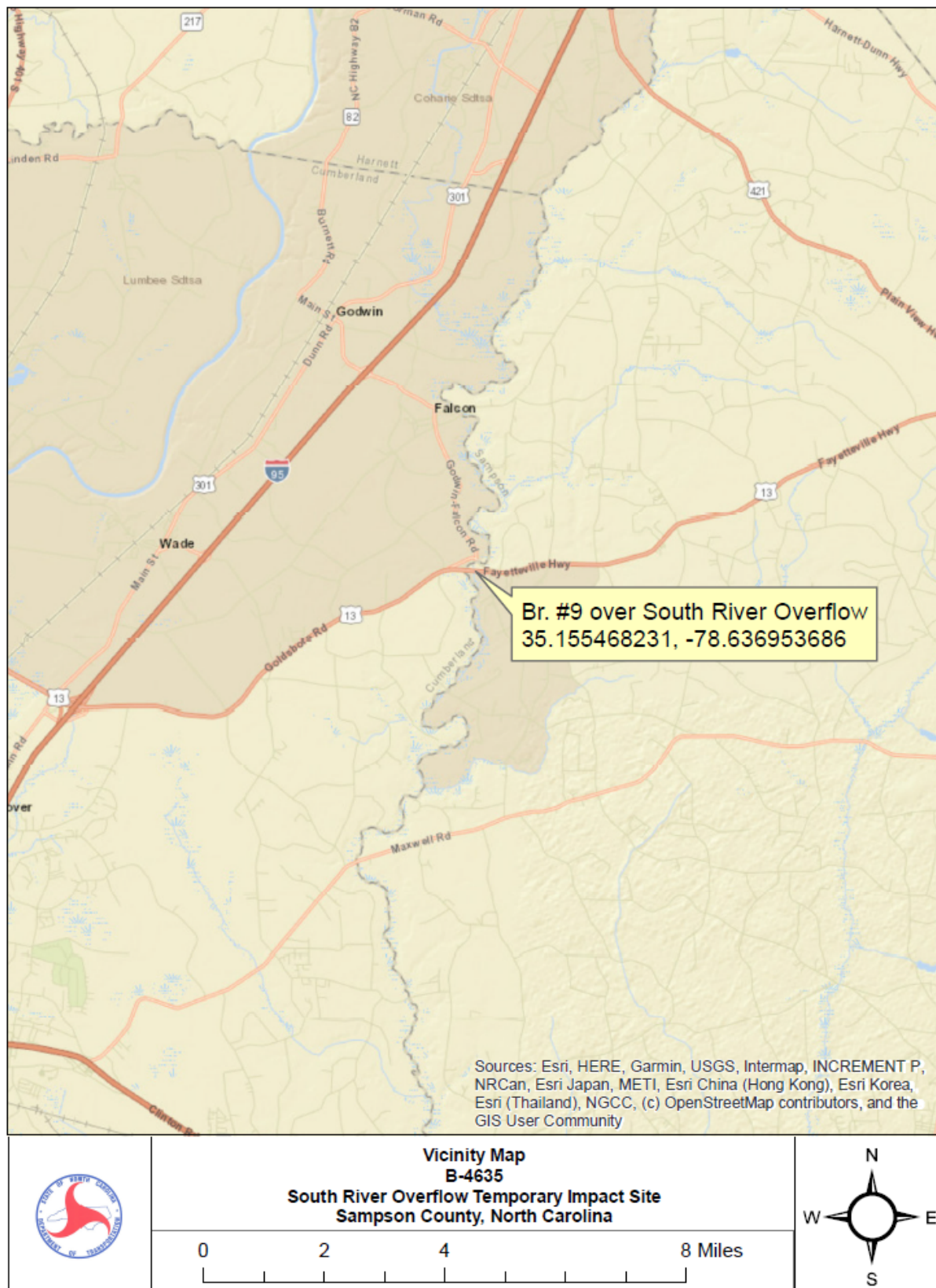
The impacted area where the temporary impacts occurred has re-attained jurisdictional wetland status. Other species noted within the temporary wetland impact area included black willow, *Scirpus* sp., sweetgum, smartweed, soft rush, red maple, baccharis, cattail, baldcypress and various grasses. The temporary wetland impact area had areas of inundation at the time of monitoring.

## **2.4 Conclusions**

There were approximately 0.14 acres for the temporary fill within wetlands for the temporary onsite detour route. There were no plots established on the site. By visual observation, the Br. #9 over South River Overflow Temporary Impact Site shows that the impacted areas have re-attained jurisdictional wetland status. The temporary fill area is re-vegetating with wetland species.

## **3.0 OVERALL CONCLUSIONS AND RECOMMENDATIONS**

NCDOT proposes to discontinue monitoring at the Br. #9 over South River Overflow Temporary Impact Site.



**Figure 1. Vicinity Map**

**APPENDIX A**

**SITE PHOTOS & SITE MAPS**

## Br. #9 over South River Overflow Temporary Impact Site



PP#1



PP#2



PP#3



PP#4

June 2023

5/14/09

2/25/2019  
DEWBERRY  
B4435\_Permit\_Drawing\_20190225.pdf



200 WHITFORD ROAD  
SUITE 100  
RALEIGH, NC 27601  
PHONE: 919.881.0010  
FAX: 919.881.0011  
WWW.DEWBERRY.COM

PROJECT REFERENCE NO.	SHEET NO.
B-4635	4

R/W SHEET NO.
ROADWAY DESIGN ENGINEER
HYDRAULICS ENGINEER

# PERMIT DRAWING SHEET 2 OF 18

Revised 12/9/2019

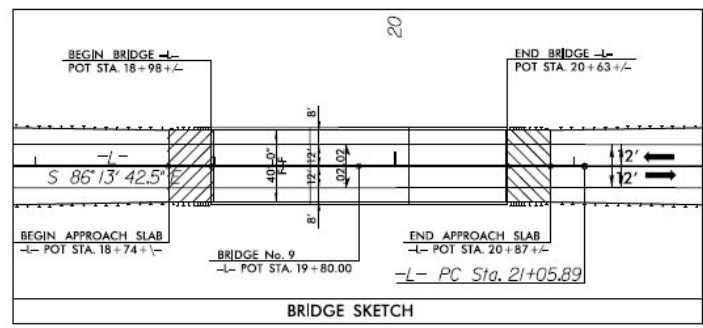
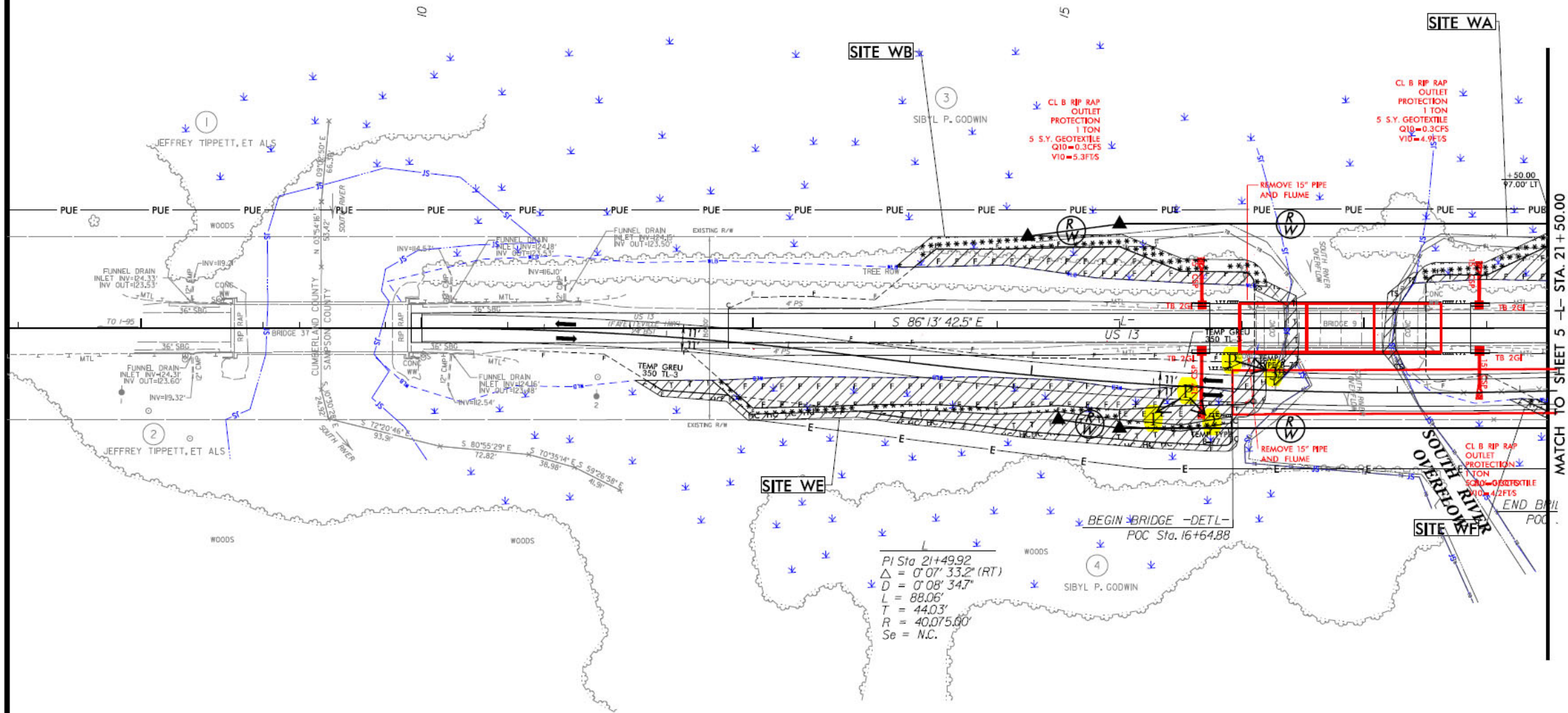


NAD 83/2011

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED


- DENOTES FILL IN WETLAND
- DENOTES MECHANIZED CLEARING
- DENOTES TEMPORARY FILL IN WETLAND
- DENOTES TEMPORARY IMPACTS IN SURFACE WATER
- DENOTES HAND CLEARING
- DENOTES EXCAVATION IN WETLAND

P: Photo Point Locations



SEE SHEET 8 FOR -L- PROFILE

5/14/2019  
2/25/2019  
Dewberry  
B4635\_Permit Drawing\_20190225.pdf



2403 WINCHEFF ROAD  
SUITE 400  
RALEIGH, NC 27607  
PHONE: 919.885.9339  
NC CDR #A1-F-0022

PROJECT REFERENCE NO.  
B-4635

SHEET NO.  
5

ROADWAY DESIGN  
ENGINEER

HYDRAULICS  
ENGINEER





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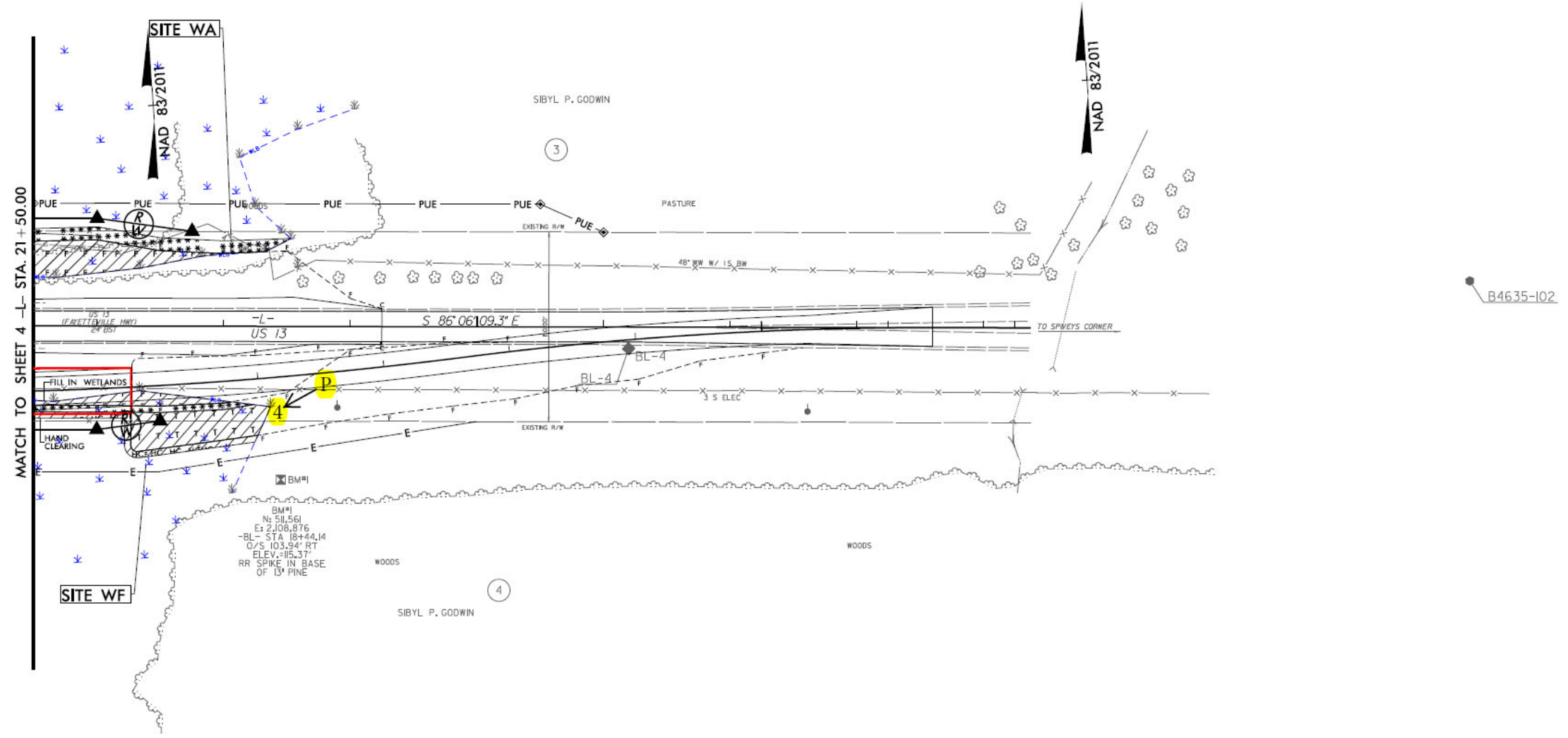
50' 0' 50'

**PERMIT DRAWING  
SHEET 4 OF 18**

Revised 12/9/2019

NAD 83/2011

-  DENOTES FILL IN WETLAND
  -  DENOTES MECHANIZED CLEARING
  -  DENOTES HAND CLEARING
  -  DENOTES TEMPORARY FILL IN WETLAND
- P: Photo Point Locations



SEE SHEET 8 FOR -L- PROFILE