

## END BENT 2 REHABILITATION PHASING

### PHASE I:

1. CONSTRUCT TEMPORARY CONSTRUCTION ACCESS AS SHOWN IN THE PLANS.
2. DETOUR TRAFFIC AS DIRECTED IN THE CONTRACT DOCUMENTS.
3. REMOVE THE GUARDRAIL AND GUARDRAIL POSTS WITHIN THE LIMITS OF THE EXISTING APPROACH SLAB AT END BENT 2.
4. REMOVE ASPHALT SURFACING AND ALL REMAINING PORTIONS OF EXISTING APPROACH SLAB INCLUDING THE ATTACHED BARRIER RAIL AT END BENT 2.
5. EXCAVATE THE TEMPORARY REPAIR FILL AT END BENT 2 AS NEEDED TO ACCESS THE EXISTING STEEL PILES AND PERFORM PILE REPAIRS.
6. CLEAN, PAINT AND REPAIR THE EXISTING STEEL PILES AT END BENT 2.
7. BACKFILL AROUND THE STEEL PILES WITH CLASS A RIP RAP AND AGGREGATE BASE COURSE. RESTORE CLASS II RIP RAP SLOPES AT BOTH END BENTS.
8. PLACE TEMPORARY ASPHALT WEARING SURFACE ON AGGREGATE BASE COURSE AT END BENT 2.
9. RETURN TWO-WAY TRAFFIC TO THE BRIDGE AS DIRECTED IN THE CONTRACT DOCUMENTS.
10. REMOVE TEMPORARY CONSTRUCTION ACCESS.

### PHASE II:

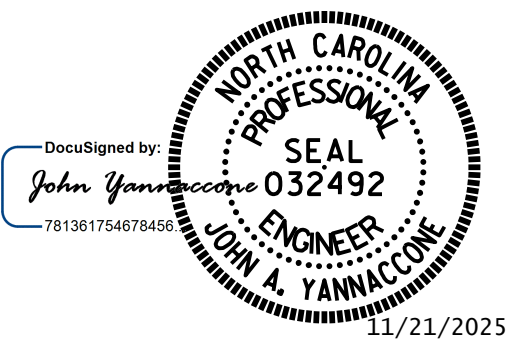
1. DETOUR TRAFFIC AS DIRECTED IN THE CONTRACT DOCUMENTS.
2. REMOVE ASPHALT SURFACING AND EXCAVATE AGGREGATE BASE COURSE TO LIMITS REQUIRED FOR PLACEMENT OF APPROACH SLAB.
3. DRILL DOWELS INTO END BENT CAP AND WINGWALLS. CONSTRUCT WINGWALL EXTENSIONS AS SHOWN IN THE PLANS.
4. SET PRECAST SLEEPER SLABS.
5. SET PRECAST APPROACH SLABS AND PLACE LONGITUDINAL CLOSURE POURS BETWEEN SLAB SECTIONS.
6. PLACE BRIDGE APPROACH ROADWAY PAVEMENT.
7. ATTACH GUARDRAIL ANCHORAGE UNIT TO EXISTING BRIDGE BARRIER RAIL AND RESET GUARDRAIL.
8. RETURN TWO-WAY TRAFFIC TO THE BRIDGE AS DIRECTED IN THE CONTRACT DOCUMENTS.

### FINAL:

1. USE LANE CLOSURES AS DIRECTED IN THE CONTRACT DOCUMENTS.
2. CHECK FOR VOIDS UNDER THE PRECAST APPROACH SLABS AND PLACE FLOWABLE FILL AS NEEDED.
3. INSTALL ASPHALT PLUG JOINT AT END BENT 2.
4. COMPLETE REMAINING WORK REQUIRED INCLUDING PAVEMENT MARKINGS, AND SEEDING AND MULCHING.

PROJECT NO. **18314.1044067**  
**HAYWOOD** COUNTY  
BRIDGE: **430163**

SHEET 4 OF 4



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH  
**GENERAL DRAWING**  
FOR BRIDGE ON US 276  
(PIGEON RD) OVER WEST FORK  
PIGEON RIVER OVERFLOW

DRAWN BY : **J. HARRIS** DATE : **4/2025**  
CHECKED BY : **J. YANNACCONE** DATE : **4/2025**



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DOCUMENT NOT CONSIDERED  
FINAL UNLESS ALL  
SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			S-4
2			4			
TOTAL SHEETS						14