

## LOCATION SKETCH

## TOTAL BILL OF MATERIAL

	REMOVAL OF EXISTING STRUCTURE AT STA.13+39.86 -L-	ASBESTOS ASSESSMENT	CLASS A CONCRETE	BRIDGE APPROACH SLABS STA.13+39.86 -L-	REINFORCING STEEL	PILE DRIVING EQUIPMENT SETUP FOR HP12x53 STEEL PILES	HP12x53 STEEL PILES	
	LUMP SUM	LUMP SUM	CU. YDS.	LUMP SUM	LBS.	EA.	NO.	LIN. FT.
SUPERSTRUCTURE	--	--	--	LUMP SUM	--	--	--	--
END BENT 1	--	--	20.5	--	2641	5	5	275
END BENT 2	--	--	110.6	--	14240	12	12	455
TOTAL	LUMP SUM	LUMP SUM	131.1	LUMP SUM	16881	17	17	730
	VERTICAL CONCRETE BARRIER RAIL	RIP RAP CLASS II (2'-0" THICK)	GEOTEXTILE FOR DRAINAGE	ELASTOMERIC BEARINGS	3'-0" X 2'-0" PRESTRESSED CONCRETE CORED SLABS			
	LIN. FT.	TONS	SQ. YDS.	LUMP SUM	NO.	LIN. FT.		
SUPERSTRUCTURE	140.3	--	--	LUMP SUM	10	700		
END BENT 1	--	145	161	--	--	--		
END BENT 2	--	185	205	--	--	--		
TOTAL	140.3	330	366	LUMP SUM	10	700		

## NOTES

ASSUMED LIVE LOAD = HL-93 OR ALTERNATE LOADING.

THIS BRIDGE HAS BEEN DESIGNED IN ACCORDANCE WITH THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS.

THIS BRIDGE IS LOCATED IN SEISMIC ZONE 1.

FOR OTHER DESIGN DATA AND GENERAL NOTES, SEE SHEET SN.

FOR SUBMITTAL OF WORKING DRAWINGS, SEE SPECIAL PROVISIONS.

FOR FALSEWORK AND FORMWORK, SEE SPECIAL PROVISIONS.

FOR CRANE SAFETY, SEE SPECIAL PROVISIONS.

FOR GROUT FOR STRUCTURES, SEE SPECIAL PROVISIONS.

INASMUCH AS THE PAINT SYSTEM ON THE EXISTING STRUCTURAL STEEL CONTAINS LEAD, THE CONTRACTOR'S ATTENTION IS DIRECTED TO ARTICLE 107-1 OF THE STANDARD SPECIFICATIONS. ANY COSTS RESULTING FROM COMPLIANCE WITH APPLICABLE STATE OR FEDERAL REGULATIONS PERTAINING TO HANDLING OF MATERIALS CONTAINING LEAD BASED PAINT SHALL BE INCLUDED IN THE BID PRICE FOR REMOVAL OF EXISTING STRUCTURE AT STATION 13+39.86 -L-."

FOR ASBESTOS ASSESSMENT FOR BRIDGE DEMOLITION AND RENOVATION ACTIVITIES, SEE SPECIAL PROVISIONS.

THE SUBSTRUCTURE OF THE EXISTING BRIDGE INDICATED ON THE PLANS IS FROM THE BEST INFORMATION AVAILABLE. SINCE THIS INFORMATION IS SHOWN FOR THE CONVENIENCE OF THE CONTRACTOR, THE CONTRACTOR SHALL HAVE NO CLAIM WHATSOEVER AGAINST THE DEPARTMENT OF TRANSPORTATION FOR ANY DELAYS OR ADDITIONAL COST INCURRED BASED ON DIFFERENCES BETWEEN THE EXISTING BRIDGE SUBSTRUCTURE SHOWN ON THE PLANS AND THE ACTUAL CONDITIONS AT THE PROJECT SITE.

REMOVAL OF THE EXISTING BRIDGE SHALL BE PERFORMED IN A MANNER THAT PREVENTS DEBRIS FROM FALLING INTO THE WATER. THE CONTRACTOR SHALL SUBMIT DEMOLITION PLANS FOR REVIEW AND REMOVE THE BRIDGE IN ACCORDANCE WITH ARTICLE 402-2 OF THE STANDARD SPECIFICATIONS.

THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH "HEC 18-EVALUATING SCOUR AT BRIDGES."

THE SCOUR CRITICAL ELEVATION FOR END BENT 2 IS ELEVATION 3035.3. SCOUR CRITICAL ELEVATIONS ARE USED TO MONITOR POSSIBLE SCOUR PROBLEMS DURING THE LIFE OF THE STRUCTURE.

FOR EROSION CONTROL MEASURES, SEE EROSION CONTROL PLANS.

ASPHALT WEARING SURFACE IS INCLUDED IN ROADWAY QUANTITY ON ROADWAY PLANS.

## HYDRAULIC DATA

DESIGN DISCHARGE	1400 CFS
FREQUENCY OF DESIGN FLOOD	25 YR
DESIGN HIGH WATER ELEVATION	3045.6 FT
DRAINAGE AREA	7.7 SQ MI
BASE DISCHARGE (Q100)	2100 CFS
BASE HIGH WATER ELEVATION	3046.7 FT

## OVERTOPPING FLOOD DATA

OVERTOPPING DISCHARGE	3800 CFS
FREQUENCY OF OVERTOPPING FLOOD	500 YR
OVERTOPPING FLOOD ELEVATION	3051.2 FT Δ

Δ OVERTOPPING OCCURS AT STA. 14+00 ± -L-

PROJECT NO. DF18314.2044195

HAYWOOD COUNTY

STATION: 13+39.86 -L-

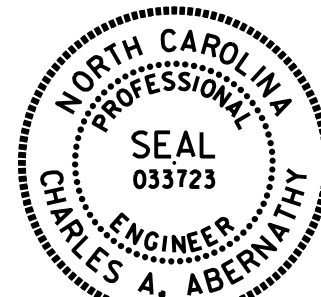
SHEET 4 OF 4



# GENERAL DRAWING

FOR BRIDGE ON SR 1212 (JOHNSON  
BRANCH RD.) OVER CAMPBELL CREEK  
EAST OF SR 1212 (CAMPBELL CREEK RD.)

REVISIONS						SHEET NO. S-04
NO.	BY:	DATE:	NO.	BY:	DATE:	
1	--	--	3	--	--	TOTAL SHEETS 18
2	--	--	4	--	--	



Charles A. Abernathy 4/2/2026



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