

GRADE DATA -L-

PI = 11+50.00  
EL = 2514.25  
VC = 75'

(-)0.5000% (-)1.1943%

GRADE DATA -L-

PI = 13+95.00  
EL = 2511.32  
VC = 105'

(-)1.1943% (-)2.0578%

I HEREBY CERTIFY THESE PLANS  
ARE THE AS-BUILT PLANS

HYDRAULIC DATA

DESIGN DISCHARGE	= 4200 C.F.S.
FREQUENCY OF DESIGN FLOOD	= 5 YR.
DESIGN HIGH WATER ELEVATION	= 2508.6
DRAINAGE AREA	= 54.3 SQ. MI.
BASE DISCHARGE (Q100)	= 9900 C.F.S.
BASE HIGH WATER ELEVATION	= 2511.4

OVERTOPPING FLOOD DATA

OVERTOPPING DISCHARGE	= 4968 C.F.S.
FREQUENCY OF OVERTOPPING FLOOD	= 5+ YR.
OVERTOPPING FLOOD ELEVATION	= 2508.8

WS EL. Taken @ River Station 20522

SECTION ALONG -L-

UNCLASSIFIED  
STRUCTURE EXCAVATION

PLAN

(PILES NOT SHOWN FOR CLARITY)



VHB Engineering NC, P.C. (C-3705)  
940 Main Campus Drive, Suite 500  
Raleigh, NC 27606

DRAWN BY : D.B. HINNANT DATE : 10/2024  
CHECKED BY : E.C. PHELPS DATE : 10/2024  
DESIGN ENGINEER OF RECORD: W.K. FISCHER DATE : 12/2024

1/20/2025  
c:\bms\vhb-pw-01\d0193294\401.001.BP14R030.SMU.GD01.S1-01.430046.dgn  
ephelps

DOCUMENT NOT CONSIDERED  
FINAL UNLESS ALL  
SIGNATURES COMPLETED

PROJECT NO. DF18314.2044188

HAYWOOD COUNTY

STATION: 12+67.00 -L-

SHEET 1 OF 3 REPLACES BRIDGE NO. 430046

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH

GENERAL DRAWING

FOR BRIDGE OVER  
JONATHAN CREEK ON SR 1364  
(COLEMAN MOUNTAIN RD)  
BETWEEN US 276 AND  
SHADY RIDGE RD

REVISIONS					SHEET NO.
NO.	BY:	DATE:	NO.	BY:	
1			3		S-1
2			4		TOTAL SHEETS 21

