



**GRADE DATA**

(+)1.7714% (-)0.3000%  
 PI = 11+70.00 -L-  
 EL. = 3067.59  
 VC = 30'

**GRADE DATA**

(-)0.3000% (+)2.9200%  
 PI = 13+00.00 -L-  
 EL. = 3067.20  
 VC = 85'

**HORIZONTAL CURVE DATA -L-**

PI = 13+03.31 -L-  
 DELTA = 123°-17'-54" (RT.)  
 D = 76°-23'-39.7"  
 L = 161.40  
 T = 138.99  
 R = 75.00

**UNCLASSIFIED STRUCTURE EXCAVATION**

**PLAN**  
 (PILES FOR END BENTS NOT SHOWN FOR CLARITY)

**REVISIONS**

NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

**SHEET NO.**  
 S-1  
 TOTAL SHEETS  
 16

DRAWN BY: H. T. BARBOUR DATE: 4-15-16  
 CHECKED BY: V. X. NGUYEN DATE: 6-16  
 DESIGN ENGINEER OF RECORD: A. M. LEE DATE: 7-16

23-AUG-2016 10:25  
 R:\Structures\Final plans\Microstation\B5380.SD.GD.dgn  
 warafat

DOCUMENT NOT CONSIDERED  
 FINAL UNLESS ALL  
 SIGNATURES COMPLETED

PROJECT NO. B-5380  
AVERY COUNTY  
 STATION: 12+31.30 -L-  
 SHEET 1 OF 3 REPLACES BRIDGE No. 141

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

GENERAL DRAWING  
 FOR BRIDGE OVER  
 FALL BRANCH ON SR 1114  
 BETWEEN US 19 AND  
 NC 194

DocuSigned by:  
 Wael Arafat  
 8/23/2016