

**LONG CHORD LAYOUT**  
NOTE: END BENTS AND BENT ARE PARALLEL

**HORIZONTAL CURVE DATA -L-**

P.I. STA. 11+95.46 -L-  
 $\Delta$  = 21°51'16.6" (LT.)  
D = 15°16'43.9"  
L = 143.04'  
T = 72.40'  
R = 375.00'

**ANGLES**

- ① 107°42'29.0"  
② 110°00'00.0"  
③ 112°17'30.0"  
④ 15°24'59.0"

PROJECT NO.: 18314.1044073

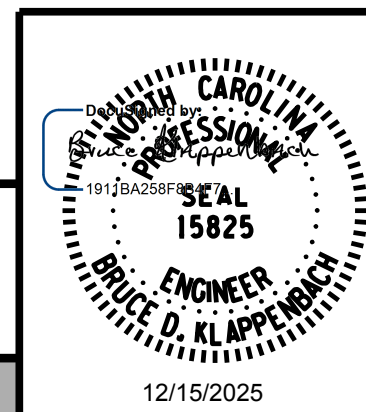
HAYWOOD COUNTY

STATION: 12+13.00 -L-

SHEET 4 OF 5

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH

**GENERAL DRAWING**  
**LONG CHORD LAYOUT**



Responsive People | Creative Solutions

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

S-4  
TOTAL SHEETS 21

DRAWN BY : B. H. GONFA DATE : JUL 2025  
CHECKED BY : B. D. KLAPPENBACH DATE : JUL 2025  
DESIGN ENGINEER OF RECORD: B. D. KLAPPENBACH DATE : JUL 2025

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED