



R = 25,000.00' \*  
 $\Delta = 0^\circ-50'-00.00''$  (RT)

INTEGRAL END BENT 1

BENT 1

INTEGRAL END BENT 2

ANGLES

- ① 104°-02'-52"
- ② 104°-10'-30" SHORT CHORD
- ③ 104°-18'-09" TANGENT TO CURVE
- ④ 14°-18'-09" RADIAL
- ⑤ 103°-55'-13" SHORT CHORD
- ⑥ 104°-02'-52" TANGENT TO CURVE
- ⑦ 14°-02'-52" RADIAL
- ⑧ 103°-55'-13" SHORT CHORD
- ⑨ 103°-47'-35" TANGENT TO CURVE
- ⑩ 13°-47'-35" RADIAL

LONG CHORD LAYOUT

(ALL END BENTS AND BENTS ARE PARALLEL)  
 \* CURVE EXAGGERATED FOR CLARITY

PROJECT NO. R-5737

DAVIDSON COUNTY

STATION: 61+02.86 -L-

SHEET 3 OF 5

**Dewberry**  
 2610 WYCLIFF ROAD  
 SUITE 410  
 RALEIGH, NC 27607  
 PHONE: 919.881.9939  
 NC COA No. F-0929

NORTH CAROLINA  
 PROFESSIONAL  
 SEAL  
 030046  
 ENGINEER  
 MATTHEW PAYNE  
 9/14/2021

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

GENERAL DRAWING  
 FOR BRIDGE ON US 29  
 OVER SR 1798 BETWEEN  
 SR 2123 AND SR 1874  
 (RIGHT BRIDGE)

DRAWN BY : JAE DATE : 8/21  
 CHECKED BY : ZHB DATE : 8/21  
 DESIGN ENGINEER OF RECORD: MTP DATE : 8/21

DOCUMENT NOT CONSIDERED  
 FINAL UNLESS ALL  
 SIGNATURES COMPLETED

REVISIONS						SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:	S2-3	
1			3			TOTAL SHEETS	25
2			4				

\*\*\*\*\*SYSTEM TIME\*\*\*\*\*  
 \*\*\*\*\*DCN\*\*\*\*\*  
 \*\*\*\*\*USER NAME\*\*\*\*\*