

LONG CHORD LAYOUT
BENTS & END BENTS ARE PARALLEL

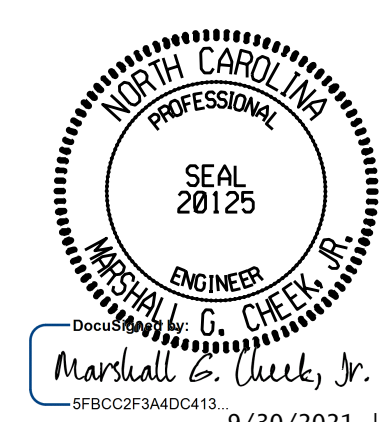
HORIZONTAL CURVE DATA

PI STA. = 163+46.06 -L-
 $\Delta = 46^\circ-24'-19.4''$ (RT)
 $D = 4^\circ-14'-38.9''$
 $L = 1093.40$
 $T = 578.69$
 $R = 1350.00$

ANGLES	
A	119°-19'-15"
B	119°-19'-15"
C	119°-19'-15"
D	122°-31'-31"
E	122°-31'-31"
F	116°-47'-44"
G	116°-47'-44"

PROJECT NO. R-2566BA
WATAUGA COUNTY
 STATION: 164+30.00 -L-

SHEET 3 OF 4



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
GENERAL DRAWING
 BRIDGE OVER WATAUGA
 RIVER ON NC 105 BETWEEN
 SR 1112 AND SR 1111

DRAWN BY : SBW DATE : 1-4-19
 CHECKED BY : RAR DATE : 5-21-19
 DESIGN ENGINEER OF RECORD: MGC DATE : 8-21

DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED

TGS ENGINEERS
 706 HILLSBOROUGH STREET
 SUITE 200
 RALEIGH, NC 27603
 PH (919) 773-8887
 CORP. LICENSE NO.: C-0275

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-3
1			3			TOTAL SHEETS
2			4			79