



LONG CHORD LAYOUT

NOTE: ALL BENTS ARE PARALLEL

ANGLES	
LONG CHORD	SHORT CHORD
L1 = 70°-03'-45"	S1 = 71°-06'-34"
	S2 = 70°-06'-00"
	S3 = 69°-03'-11"

HORIZONTAL CURVE DATA -L-

P.I. STA. = 387+18.94
 Δ = 8°-50'-30.4" (RT.)
 D = 0°-45'-00.0"
 L = 1,178.90'
 T = 590.62'
 R = 7,639.44'
 S.E. = 0.03

PROJECT NO. R-2707C
CLEVELAND COUNTY
 STATION: 384+50.00 -L-

SHEET 3 OF 4



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

GENERAL DRAWING
 LEFT LANE BRIDGE OVER FIRST
 BROAD RIVER ON US 74
 SHELBY BYPASS BETWEEN
 NC 226 AND SR 1850

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S1-3
1			3			TOTAL SHEETS
2			4			36

DRAWN BY : MAL DATE : 11/2016
 CHECKED BY : JMR DATE : 12/2016
 DESIGN ENGINEER OF RECORD: MAL DATE : 11/2016

DOCUMENT NOT CONSIDERED
 FINAL UNLESS ALL
 SIGNATURES COMPLETED