



LONG CHORD LAYOUT

HORIZONTAL CURVE DATA -L2-

P.I. = 43+66.28
 DELTA = 69.8130833
 L = 1669.300 FT
 T = 955.960 FT
 R = 1370.000 FT
 Slope = 0.030 FT/FT

ANGLES

LONG CHORD		SHORT CHORD	
L1	118°13'47"	S1	92°53'9"
L2	112°27'30"	S2	93°38'19"
L3	105°10'53"	S3	92°53'9"
L4	99°24'36"	S4	92°53'9"
L5	93°38'19"	S5	93°38'19"
L6	86°21'41"	S6	92°53'9"
L7	80°35'24"	S7	92°53'9"
L8	74°49'7"	S8	93°38'19"
L9	67°32'30"	S9	92°53'9"
L10	61°46'13"	S10	87°6'51"

OFFSETS

 D1=63'-10 1/16"
 D2=119'-3 5/8"
 D3=146'-5 3/16"
 D4=160'-6 1/8"

PROJECT NO. B-4929
PENDER COUNTY
 STATION: 38+13.81 -L2-

STEEL ALTERNATE

6/1/2016



Drawn by:
 T. H. Carroll, III
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STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

LONG CHORD LAYOUT

REVISIONS

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

SHEET NO.
S-223
 TOTAL SHEETS
 278

DOCUMENT NOT CONSIDERED
 FINAL UNLESS ALL
 SIGNATURES COMPLETED

DRAWN BY : T. H. CARROLL DATE : 12/10/15
 CHECKED BY : T. R. PETERSON DATE : 12/22/15
 DESIGN ENGINEER OF RECORD: T. H. CARROLL DATE : MAY 2016