-Y2-

PI Sta 38+32.987
Δ = 21° 01' 45.0" (RT)
L = 1,207.155
T = 610.446
R = 3,289.000
SE = 2.5%

COAD

Pls Sta 24+99.725	PI Sta 28+81.515	PI Sta 36+39.289
Θs = 0° 55' 55.5"	Δ = 12° 51' 38.8" (RT)	Δ = 14° 09' 16.0" (RT)
Ls = 100.540	L = 693.628	L = 820.648
LT = 67.028	T = 348.277	T = 412.424
ST = 33.514	R = 3,090.169	R = 3,321.900
	SE = 2.5%	SE = 2.5%

COBC

Pls Sta 42+92.641	PI Sta 43+32.020	Pls Sta 43+75.621
Θs = 1° 57' 51.9"	Δ = 2° 32' 16.3" (RT)	Θs = 2° 29' 23.5"
Ls = 60.000	L = 38.757	Ls = 60.000
LT = 40.002	T = 19.382	LT = 35.784
ST = 20.002	R = 875.000	ST = 24.225
	SE = 5%	R1 = 3,271.300
		R2 = 875.000

PREPARED BY:

CATLIN ENGINEERS and SCIENTISTS
WILMINGTON, NORTH CAROLINA

METRIC

PROJECT REFERENCE NO.	SHEET NO.
R 513C	39
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

CONST. REV.
R/W REV.

TGS ENGINEERS

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