

**-Y2-**

PI Sta 38+32.987
$\Delta = 27^{\circ} 01' 45.0''$ (RT)
L = 1207.155
LT = 60.446
R = 3289.000
SE = 2.5%

PIs Sta 24+99.725
$\theta_s = 0^{\circ} 55' 55.5''$
Ls = 100.540
LT = 67.028
ST = 33.514

**COAD**

PI Sta 28+81.515
$\Delta = 12^{\circ} 51' 38.8''$ (RT)
L = 693.628
T = 348.277
R = 3090.169
SE = 2.5%

PI Sta 36+39.289
$\Delta = 14^{\circ} 09' 16.0''$ (RT)
L = 820.648
LT = 412.424
R = 3321.900
SE = 2.5%

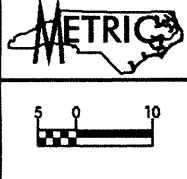
PIs Sta 42+92.641
$\theta_s = 1^{\circ} 57' 51.9''$
Ls = 60.000
LT = 40.002
ST = 20.002

**COBC**

PI Sta 43+32.020
$\Delta = 2^{\circ} 32' 16.3''$ (RT)
L = 38.757
T = 19.382
R = 875.000
SE = 5%

PIs Sta 43+75.621
$\theta_s = 2^{\circ} 29' 23.5''$
Ls = 60.000
LT = 35.784
ST = 24.225
R1 = 3271.500
R2 = 875.000

PREPARED BY:  
**CAELIN**  
ENGINEERS and SCIENTISTS  
WILMINGTON, NORTH CAROLINA



PROJECT REFERENCE NO. R 513C	SHEET NO. 39
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
<b>PRELIMINARY PLANS</b> DO NOT USE FOR CONSTRUCTION	
ADAPTED FROM: <b>TGS ENGINEERS</b> SUITE 141 975 WALNUT STREET CARY, NC 27511	

MATCHLINE STA. 41 + 60.000 MATCH TO SHT. NO. 38

MATCHLINE STA. 45 + 40.000 MATCH TO SHT. NO. 40

MABLE P. PREVATTE  
DB: 868 PG 546

MARY PREVATTE  
DB 868 PG 460

JAMES W. PREVATTE  
DB 553 PG T79

