



METRIC

5 0 10

CONST. REV. _____

RW REV. _____

PROJECT REFERENCE NO. R 513C	SHEET NO. 50
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION	

TGS ENGINEERS
 ADAPTED FROM:
 TGS ENGINEERS
 SUITE 141
 975 WALNUT STREET
 CARY, NC 27511

PREPARED BY:
CATLIN
 ENGINEERS and SCIENTISTS
 WILMINGTON, NORTH CAROLINA

-Y8-

PIs Sta 45+77.705 θs = 6° 44' 26.4" Ls = 60.000 R1 = 1700.000 R2 = 300.000 LT = 37.033 ST = 23.030	PI Sta 46+84.050 Δ = 31° 03' 50.8" (RT) L = 162.651 T = 83.378 R = 300.000 SE = 8%	PIs Sta 47+83.343 θs = 5° 43' 46.5" Ls = 60.000 LT = 40.021 ST = 20.019
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-Y8-

PIs Sta 49+14.357 θs = 7° 09' 43.1" Ls = 60.000 LT = 40.033 ST = 20.030	PI Sta 50+00.516 Δ = 30° 50' 16.4" (LT) L = 129.173 T = 66.192 R = 240.000 SE = AS SHOWN
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-Y8-

PI Sta 51+23.688 Δ = 16° 35' 27.9" (LT) L = 66.601 T = 33.535 R = 230.000 SE = 4%	PIs Sta 51+76.787 θs = 7° 28' 24.1" Ls = 60.000 LT = 40.036 ST = 20.032
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K. M. BIGGS, INC.
 DB 644 PG 152
 DB 644 PG 150
 DB 17H PG 013

-Y4- POT 17+45.000
 END CONSTRUCTION

DENOTES 125mm MONOLITHIC CONCRETE ISLAND