REVISIONS

PROJECT REFERENCE NO.	SHEET NO.
R-5130	6
R/W SHEET NO.	
TGS	

TGS ENGINEERS
925 WALKER ROAD, SUITE 141
DARY, NC 27511
PH (919) 319-8850

CONST.REV.

R/W REV.

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 12300 ENGINEER CHARLES LEE FLOWE
7/16/04

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 20754 ENGINEER WILLIAM T. STEPHENS, JR.
7/16/04

MATCHLINE STA. 12+00.000 MATCH TO SHT. NO. 31

MATCHLINE STA. 16+00.000 MATCH TO SHT. NO. 32

MATCHLINE STA. 254+00.000 MATCH TO SHT. NO. 5

MATCHLINE STA. 261+20.000 MATCH TO SHT. NO. 7

RAMP "B"
Pls Sta 0+20.001 | Pls Sta 1+93.155 | Pls Sta 2+85.050
G s = 7.08° 06.8" (RT) | G s = 7.49° 11.0" | G s = 7.49° 11.0"
Lg = 60.000 | Δ = 18° 28' 02.2" (LT) | Lg = 60.000
LT = 40.001 | L = 145.042 | LT = 40.009
ST = 20.001 | T = 73.155 | ST = 20.008
R = 1514.200 | R = 450.000
SE = 6%

RAMP "B"
Pls Sta 3+97.960 | Pls Sta 4+97.935
G s = 6° 35' 39.2" | Δ = 17° 29' 37.3" (RT)
Lg = 60.000 | L = 79.394
LT = 40.028 | T = 40.003
ST = 20.025 | R = 260.000
SE = 6%

RAMP "C"
Pls Sta 4+08.83 | Pls Sta 4+43.525
G s = 7° 46' 47.1" | Δ = 8° 03' 01.1" (LT)
Lg = 60.000 | L = 30.961
LT = 40.039 | T = 15.486
ST = 20.035 | R = 220.000
SE = AS SHOWN

RAMP "C"
Pls Sta 0+35.369 | Pls Sta 1+55.242 | Pls Sta 2+67.721
G s = 4° 58' 35.7" | Δ = 21° 54' 01.3" (RT) | G s = 7.49° 11.0"
Lg = 60.000 | L = 187.715 | Lg = 60.000
RN = 1485.800 | T = 95.246 | LT = 40.009
RE = 450.000 | R = 450.000 | ST = 20.008
LT = 35.369 | SE = 6%
ST = 24.666

-L-
Pls Sta 2+41.402.637 | Pls Sta 2+50.924.853 | Pls Sta 2+53.140.675
G s = 2° 23' 14.4" | Δ = 8° 17' 25" (RT) | G s = 2° 23' 14.4"
Lg = 250.000 | L = 554.705 | Lg = 126.000
LT = 63.534 | T = 280.557 | LT = 63.541
ST = 41.674 | R = 1500.000 | ST = 41.674
SE = 4%

RAMP "A"
Pls Sta 4+37.860 | Pls Sta 4+73.613
G s = 6° 35' 39.2" | Δ = 6° 56' 41" (LT)
Lg = 60.000 | L = 31.525
LT = 40.028 | T = 15.780
ST = 20.025 | R = 260.000
SE = AS SHOWN

RAMP "A"
Pls Sta 0+95.747 | Pls Sta 1+81.315 | Pls Sta 2+65.984
G s = 2° 49' 11.0" | Δ = 16° 34' 56.8" (RT) | G s = 2° 49' 11.0"
Lg = 60.000 | L = 170.239 | Lg = 60.000
LT = 40.009 | T = 85.577 | LT = 40.009
ST = 20.000 | R = 450.000 | ST = 20.008
SE = 6%

RAMP "D"
Pls Sta 0+40.009 | Pls Sta 1+44.868 | Pls Sta 2+47.774
G s = 3° 49' 11.0" | Δ = 21° 27' 38.1" (LT) | G s = 3° 49' 11.0"
Lg = 60.000 | L = 152.755 | Lg = 60.000
LT = 40.009 | T = 76.863 | LT = 40.009
ST = 20.008 | R = 450.000 | ST = 20.008
SE = 6%

-Y1-
Pl Sta 16+17.049
Δ = 11° 50.4" (RT)
L = 113.24
T = 56.809
R = 5,000.000
SE = N/C

RAMP "D"
Pls Sta 3+77.349 | Pl Sta 4+32.367
G s = 6° 35' 39.2" | Δ = 15° 01' 12.1" (RT)
Lg = 60.000 | L = 69.671
LT = 40.039 | T = 35.046
ST = 20.025 | R = 260.000
SE = 6%

ROBERT ANTHONY CHAVIS AND WIFE, CONNIE H. CHAVIS — DB 409 PG 181 — (6)
DORIS C. AITSON — DB 409 PG 44 — (7)
MARGARETTE C. AKO — DB 507 PG 220 — (8)
H.B. CHAVIS AND WIFE, LORAINE CHAVIS — DB 181 PG 49 — (9)
KYLE RAY CHAVIS — DB 1023 PG 373 — (10)
TERESA SCOTT JONES — DB 886 PG 670 — (11)
H. B. CHAVIS ET UX. — DB 117 PG 109 — (12)
JAMES M. CHAVIS — DB 146 PG 281 — (13)
ROBERT ANTHONY CHAVIS AND WIFE, CONNIE H. CHAVIS — DB 409 PGIBI — (6)
ROBERT ANTHONY CHAVIS AND WIFE, CONNIE H. CHAVIS — DB 409 PG 483 — (6)

DEMO'ED 1.25mm MONOLITHIC CONC. ISLAND - SEE DETAIL SHT. 2K

SEE SHEET NO. 53 FOR LINE -L- GRADE AND PROFILE.
SEE SHEET NO. 73 FOR RAMP A GRADE AND PROFILE.
SEE SHEET NO. 74 FOR RAMP B GRADE AND PROFILE.
SEE SHEET NO. 75 FOR RAMP C GRADE AND PROFILE.
SEE SHEET NO. 76 FOR RAMP D GRADE AND PROFILE.
SEE SHEET NO. 90 FOR LINE -Y1- GRADE AND PROFILE.

SEE SHEETS S-66 THROUGH S-96 FOR STRUCTURES PLANS AND SHEETS C-4 THROUGH C-7 FOR CULVERT PLANS.

BRIDGE / PAVEMENT RELATIONSHIP SKETCH

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