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(NC 16 DETOUR)

PROJECT REFERENCE NO. **R-2206C** SHEET NO. **68**
 ROADWAY DESIGN ENGINEER
 HYDRAULICS ENGINEER

CONST. REV.
R/W REV.

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SEAL 14169
9-2-04

PIPE HYDRAULIC DATA
DRAINAGE STRUCTURE NO.

DRAINAGE AREA	= 1.92	ha
DESIGN FREQUENCY	= 5	yrs
DESIGN DISCHARGE	= 0.37	cms
DESIGN HW ELEVATION	= 319.51	m
100 YEAR DISCHARGE	= ---	cms
100 YEAR HW ELEVATION	= ---	m
OVERTOPPING FREQUENCY	= 100-	yrs
OVERTOPPING DISCHARGE	= 0.52	cms
OVERTOPPING ELEVATION	= 319.70	m

BEGIN FUTURE GRADE
-LDET- STA. 11+25.880
EL = 320.400

BEGIN SPECIAL CUT DITCH
-LDET- STA. 11+60 LT.
EL = 320.318

PI = 12+90.000
EL = 322.250 m
VC = 240 m
K = 38
V = 70 km/h ++

BEGIN SPECIAL CUT DITCH
-LDET- STA. 11+34 RT.
EL = 319.401

END SPECIAL CUT DITCH
-LDET- STA. 11+74 RT.
EL = 320.038

END SPECIAL CUT DITCH
-LDET- STA. 12+50 LT.
EL = 320.102

SEE SHEET 42 FOR PLAN VIEW

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(NC 16 DETOUR)

BEGIN BERM 'V' DITCH
-LDET- STA. 13+60 RT.
EL = 322.800

END BERM 'V' DITCH
-LDET- STA. 14+20 RT.
EL = 324.000

PI = 12+90.000
EL = 322.250 m
VC = 240 m
K = 38
V = 70 km/h ++

END FUTURE GRADE
-LDET- STA. 15+27.618
EL = 310.090

PROPOSED GRADE
FUTURE GRADE

SEE SHEETS 42 & 43 FOR PLAN VIEW

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15-JUL-2004 15:45
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SECalhoun AT RD192296