PROJECT REFERENCE NO.	SHEET NO.
B-0041	EC-06/CONST.06
R/W SHEET NO.	

-Y-
PI Sta 26+67.93
Δ = 7° 37' 47.9" (LT)
D = 0° 28' 38.9"
L = 1,598.02'
T = 800.19'
R = 12,000.00'
e = 0.02' FT/FT
R.O. = 98'

PIs Sta 35+32.42
Θs = 0° 28' 38.9"
Ls = 200.00'
LT = 133.33'
ST = 66.67'

NOTE: STRUCTURES 0601 AND 0604 ARE 4GI

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 6

NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE – B AND TEMPORARY ROCK SILT CHECKS TYPE – A AT DRAINAGE OUTLETS.

NAD 83 /NA 2011

SEE SHEET EC-05
MATCHLINE -Y- 24+40

FUTURE LANE BY OTHERS
REMOVE CONCRETE
49' INC (TYP)
FLOWABLE FILL
12' PS
18" RCP-IV
US 29 SB 37.5' BST
US 29 RAMP 22' BST
RETAIN
CONC
CGAU CGAU
EXIST
US 29 NB 38' BST
12' PS
FUTURE LANE BY OTHERS
FLOWABLE FILL
REMOVE CONCRETE
REMOVE
+5000 BEGIN TAPER
END SPECIAL MEDIAN GRADING
150' LANE SHIFT TAPER
+4000 END TAPER
SPECIAL CUT DITCH SEE DETAIL
US 29 RAMP 18' BST
18" WELDED STEEL TRENCHLESS INSTALLATION
5' CURB
CONC ISL
CONC HW
RIP RAP
CONC
GR
EST. 3 TON CL B RIP RAP
EST. 10 SY GEOTEXTILE
60' CHL
OUTLET STABILIZATION
EST. 10 TONS CLASS I RIP RAP
EST. 27 SY GEOTEXTILE
SEE DETAIL 12
END CONSTRUCTION
-Y- POC STA 30+84.71
RUBBER MATERIAL PIPE END NOT FOUND
18" RCP
30" RCP
US 29 SB 45' BST
US 29 NB 42.5' BST
US 29 SB 38' BST
10 NC 14
N 7° 58' 09.3" E
CS Sta. 34+65.75
ST Sta. 36+65.75
POT Sta. 37+96.85
72' CHL
EXISTING R/W
THE INVESTMENT GROUP OF NC, LLC
DB 1533 PG 781
DB 1285 PG 21
ROCKINGHAM COUNTY
S 58°09'39" E
23.03'
25
30
35

DETAIL 4
FALSE SUMP
(Not to Scale)
Outside Ditch Traffic Flow
20:1
10:1
2'
0.5' Min 1.0' Max
GI etc.
S
S=Ditch Slope
℄ Proposed Ditch
FROM –Y– STA. 25+83 LT TO –Y– STA. 26+23 LT

DETAIL 7
SPECIAL CUT DITCH
(Not to Scale)
Natural Ground
4:1 or Flatter
D
6:1 or Flatter
Front Ditch Slope
Min. D = 1 Ft.
FROM –Y– STA. 25+50 RT TO –Y– STA. 26+09 RT

DETAIL 9
FALSE SUMP
(Not to Scale)
Outside Ditch Traffic Flow
10:1
20:1
2.0'
0.5' Min 1.0' Max
GI etc.
S
S=Ditch Slope
℄ Proposed Ditch
FROM –Y– STA. 26+15 RT TO –Y– STA. 26+45 RT

DETAIL 12
OUTLET STABILIZATION
(Not to Scale)
Natural Ground
1.5'
Geotextile
Channel Bed (Variable)
Natural Bed Elevation
Natural Ground
Length = 12 Ft.
Type of Liner = CL I Rip-Rap – Keyed-In
–Y– STA. 30+81 LT

5/14/99

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