PROJECT REFERENCE NO.	SHEET NO.
B-3682 & W-3413	EC-15/CONST.8
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

5/17/99

-L-
PI Sta 84+88.84
△ = 0° 43' 26.8" (LT)
D = 1° 00' 00.0"
L = 72.41'
T = 36.21'
R = 5,729.58'
SE = N/C

-L-
PI Sta 89+51.33
△ = 29° 20' 29.7" (LT)
D = 7° 30' 00.0"
L = 391.22'
T = 200.00'
R = 763.94'
SE = 0.08 FT/FT
RO = 200'

NAD 83

85

90

95

-L- STA. 84+00.00

PCSta. 84+52.63

PTSta. 85+25.04

PCSta. 87+51.33

PTSta. 91+42.55

MATCHLINE -L- STA. 96+00.00 SEE SHEET 9

25 x 8 x 3

30 x 10 x 3

15 x 7 x 3
4' weir

21 x 8 x 3
4' weir

23 x 9 x 3
4' weir

16 x 7 x 3
4' weir

50 x 18 x 3
10' weir

+00.00 -L-
58.00

+50.00 -L-
40.00
29.55

+25.04 -L-
40.00

BL-24 PINC 82+60.93=
-L- STA 86+89.53 (-12.95 LT)

+51.33 -L-
40.00

+00.00 -L-
50.00

+50.00 -L-
50.00

BL-25 PINC 87+46.26=
-L- STA 91+88.95 (-12.05 LT)

+42.55 -L-
40.00

+52.00 -L-
50.00

+99.00 -L-
50.00

+99.00 -L-
58.00

+75.25 -L-
40.00

+75.00 -L-
55.00

+77.16 -L-
54.89

+94.00 -L-
190.00

+36.00 -L-
185.00

+25.04 -L-
40.00

+17.32 -L-
40.00

+19.00 -L-
53.00

+50.00 -L-
58.00

+51.33 -L-
40.00

+00.00 -L-
50.00

+16.00 -L-
50.00

+42.55 -L-
40.00

+94
190'

+36
185'

17

18

19

20

22

TROTT PROPERTIES, LLC.
DB 1513 PG 494
DB 265 PG 525
MB 26 PG 86

TROTT PROPERTIES, LLC.
DB 1513 PG 494
DB 265 PG 525

EDWARD TROTT, JR.
DB 697 PG 869

NCDOT GPS MON. W3413-5
27.13' RT OF BL STA 82+60.93
ELEV.= 34.37'

SPECIAL CUT DITCH
SEE DETAIL A

SPECIAL LATERAL 'V' DITCH
SEE DETAIL E

BASE DITCH
SEE DETAIL L
DDE 33cy

CC B RIPRAP
5 TONS
17 SY FF

REMOVE

TSD

TDE

ISFD

WOODS

N 85° 42' 17" E

S 86° 25' 43" E

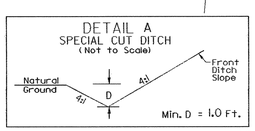
W 56° 21' 47.4" E

S 35° 55' 22" E 208.17'

S 16° 27' 09" E 247.63'

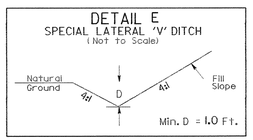
N 73° 34' 38" E 154.18'

DETAIL A
SPECIAL CUT DITCH
(Not to Scale)



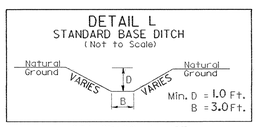
FROM STA 84+50 TO STA 90+50 -L- (RT)
FROM STA 92+00 TO STA 94+00 -L- (RT)
FROM STA 86+50 TO STA 88+00 -L- (LT)
FROM STA 93+00 TO STA 93+50 -L- (LT)

DETAIL E
SPECIAL LATERAL 'V' DITCH
(Not to Scale)



FROM STA 91+00 TO STA 91+50 -L- (RT)

DETAIL L
STANDARD BASE DITCH
(Not to Scale)



STA 85+00 -L- (RT)

See Sheet 14, 15 for -L- Profile

09-FEB-2005 16:13
d:\re_tip\or_dge\b3682_prj\b3682s03.psn
bgoodwin AT RENV21E001