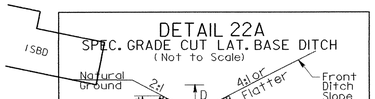
PROJECT REFERENCE NO.	SHEET NO.
R-2911A	EC-50/CONST.22
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
CONST.REV.	
R/W REV.	

METRIC

5 0 10

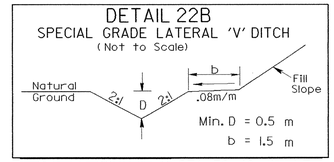
DETAIL 22A
SPEC. GRADE CUT LAT. BASE DITCH
(Not to Scale)



Type of Liner = CL. "B" RIP RAP

STA. 73+90 -L- TO STA. 74+60 -L- RT

DETAIL 22B
SPECIAL GRADE LATERAL 'V' DITCH
(Not to Scale)



STA. 75+80 -L- TO STA. 76+40 -L- LT

-Y11-
P.I.= 11+56.312
Δ = 14°41'31.6" RT.
T = 56.725 M
L = 112.827 M
R = 440.000 M
SUPER= 0.04

-L-
P.I.= 71+89.344
Δ = 6°05'01.8" LT.
T = 265.707 M
L = 530.914 M
R = 5000.000 M
SUPER= NC

NAD 83

MATCHLINE STA. 72+80 -L- SEE SHEET 21

MATCHLINE STA. 76+40 -L- SEE SHEET 23

Sta.12+15.000 -Y11- END CONSTRUCTION

STA. 12+14.500

EXISTING R/W 9.076m (29.78')

+12.414 -Y11- 12.000m (39.37')

END C/A & PROP. FENCE 12+12.414 -Y11- 12.000m

BEGIN C/A & PROP. FENCE 12+12.414 -Y11- 12.000m

PT Sta.12+12.414

CLARENCE WOODROW MILLS AND WIFE, VIOLET LOUISE P.

(89) JACK BRADSHAW BORDERS, JR AND STEVEN BOYCE BORDERS

(90) TIMOTHY J. WEAVER AND SUSAN J. WEAVER

(88) FREDERICK H. RADINTZ AND WIFE, MARGARET G.

(87) BRADY W. OVERCASH AND WIFE, MARY OWENS

(84) NANCY H. DAVIDSON

10,000 GALLON A/G TANK

SPECIAL GRADE DITCH SEE PROFILE

+66.000 -Y11- 14.964m (49.10')

+60.000 -Y11- 15.000m (49.21')

OFFSET 1.5m 36m-12m-36m

+00.000 -L- 23.000m (75.46')

+00.000 -L- 28.000m (91.86')

+62.121

CL. "B" RIP RAP W/ FILTER FABRIC LINER EST. 10 M TONS EST. 10 m² FABRIC @ DITCH OUTLET

+20.000 -L- 30.000m (98.43')

+20.000 -L- 23.000m (75.46')

+30.000 -L- 30.000m (98.43')

+30.000 -L- 23.000m (75.46')

PT Sta.74+54.551

+62.121 END 1.2m FDPS

+55.000 -Y11- 15.000m (49.21')

OFFSET 1.5m 36m-14m-36m

+40.000 -L- 29.000m (95.14')

+54.124

+43.368

PROP. W.W. FENCE

375 RCP

2-GI

+52.000 -L- 23.000m (75.46')

PROP. MONO. CONC. ISLAND

600 RCP

90m TAPER

100m FULL LANE

825mm C&G

70mR

15mR

1.0m R

450 RCP

PCSta. 10+99.587

POC Sta.73+72.289 -L- =
POC Sta.11+23.521 -Y11-
Δ = 91°24'53.0"

PROP. W.W. FENCE

CL. "B" RIP RAP W/ FILTER FABRIC LINER EST. 4.5 M TONS EST. 12.0 m² FABRIC

CL. "B" RIP RAP W/ FILTER FABRIC LINER EST. 3.0 M TONS EST. 8.5 m² FABRIC

CL. "B" RIP RAP W/ FILTER FABRIC LINER EST. 6.5 M TONS EST. 18.5 m² FABRIC

SPEC. GRADE CUT LAT. BASE DITCH W/ CL. "B" RIP RAP & FILTER FABRIC LINER EST. 106.0 M TONS EST. 269.0 m² FABRIC SEE DETAIL 22A

JACK BRADSHAW BORDERS, JR AND STEVEN BOYCE BORDERS (89)

BL-85 -Y11- 10+64.098 (3.978 RT)

BEGIN C/A & PROP. FENCE 10+40.000 -Y11- 12.000m

+40.000 -Y11- 12.000m (39.37')

EXISTING R/W 9.078m (29.78')

Sta.10+40.000 -Y11- BEGIN CONSTRUCTION

TIE TO EXIST. DITCH

PROP. W.W. FENCE TIE TO EXIST. DITCH

+73.000 -DET3- 17.000m (55.77')

END C/A & PROP. FENCE +40.000 -Y11- 12.000m (39.37')

+43.000 -Y11- 51.000m (167.32')

EXISTING R/W 9.210m (30.22')

PROP. 6m DRIVE STA. 10+33.000

EXISTING R/W 8.937m (29.32')

SEE SHEET 32 FOR TEMPORARY DETOUR (-DET3-)
SEE SHEET 52 FOR -DET3- PROFILE

8 x 2 x 1 2 weir

SPEC. GRADE DITCH SEE PROFILE

+37.000 -L- 32.000m (104.99')

+37.000 -L- 28.000m (91.86')

+37.000 -L- 23.000m (75.46')

PROP. SLOPE STAKE LINE

PROP. W.W. FENCE

SPEC. GRADE LAT. 'V' DITCH EST. 130 m³ DDE SEE DETAIL 22B

BL -L- 76+05.789 (0.843 RT)

HEADWALL

1.2m FDPS

825mm C&G S 88°03'18.6" E

900 RCP

600 RCP REMOVE

+80.000 -L- 23.000m (75.46')

+80.000 -L- 30.000m (98.43')

CL. "B" RIP RAP W/ FILTER FABRIC LINER EST. 4.5 M TONS EST. 12.0 m² FABRIC

+80.000 -L- 38.000m (124.67')

+97.000 -L- 23.000m (75.46')

+96.000 -L- 28.000m (91.86')

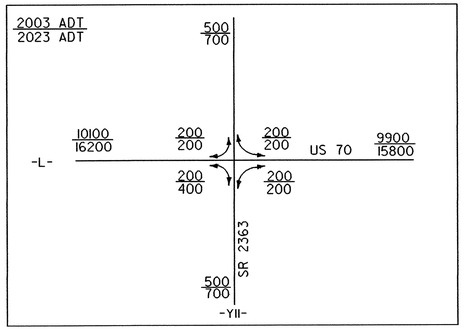
+03.000 -L- 23.000m (75.46')

+02.000 -L- 29.000m (95.14')

6 x 2 x 1

8 x 2 x 1 2 weir

2003 ADT
2023 ADT



NOTE:
1. ALL PROP. DRIVEWAY RADII 3.0m UNLESS SHOWN OTHERWISE.
2. TEMP. FENCING REQUIRED FROM STA. 74+65 TO STA. 76+53 TO CONTAIN LIVESTOCK DURING CONSTRUCTION.

SEE SHEET 42 FOR -L- PROFILE
SEE SHEET 52 FOR -Y11- PROFILE