PROJECT REFERENCE NO.	SHEET NO.
R-513 BB	EC-40/CONST.12
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

METRIC

5 0 10

CONST.REV.

R /W REV.

SEE SHEET 37 FOR -L- PROFILE
SEE SHEET 49 FOR -RA- PROFILE
SEE SHEET 52 FOR -RD- PROFILE
SEE SHEET 2-G FOR SHEAR POINT LAYOUT

-RA-

PI Sta 11+51.759	PIs Sta 12+86.860
△= 33° 22' 25.8" (LT)	Θs = 4° 43' 36.8"
L = 232.993	Ls = 66.000
T = 119.906	LT = 44.016
R = 400.000	ST = 22.014
SE = 0.080	

8 x 2 x 1

23
HELEN PATE
DB 661 PG 323

8 x 2 x 1
2 weir

8 x 2 x 1
2 weir

CSSta.12+64.846

-RA- +64.846
19.202m
(63.00 ft)

STSta.13+30.846

-RA- +30.846
20.688m
(67.87 ft)

-L- +37.048
35.000m
(114.83 ft)

-RA- POTSta.14+11.298 =
-L- POTSta.184+37.048
(14.2m LT) SKEW ∠ 2° 18' 02"

89.701m TAPER

MATCHLINE -L- STA 182+40.000

MATCHLINE -L- STA 185+80.000

CHORD

13+00

14+00

-RA-

S 53° 33' 28.0" E

0.9 MTNS
CL. 'B' RIP RAP
W/4.2 SM
FILTER FABRIC

2.7 MTNS
CL. 'B' RIP RAP
W/9.2 SM
FILTER FABRIC

0.9 MTNS
CL. 'B' RIP RAP
W/4.2 SM
FILTER FABRIC

+10.221

+26.749

+38.495

S 55° 51' 28.2" E

S 56° 13' 38.4" E

-L-

-BL-B-

CABLE GUIDERAIL
DOUBLE FACED

-RD-

16+00

15+00

+33.712

CHORD

-RD- +19.279
20.000m
(65.62 ft)

-RD- +93.436
22.622m
(74.22 ft)

-L- +18.495
35.000m
(114.83 ft)

-RD- STSta.16+56.436 =
-L- POTSta.184+18.495
(14.2m RT) TANGENT

120m LANE

90m TAPER

183+00

184+00

185+00

190+00

191+00

192+00

193+00

CSSta.15+93.436

8 x 2 x 1

8 x 2 x 1
2 weir

HELEN PATE
DB 661 PG 323

23

-RD-

PI Sta 15+20.156	PIs Sta 16+14.444
△= 16° 55' 07.0" (RT)	Θs = 3° 36' 34.7"
L = 147.643	Ls = 63.000
T = 74.362	LT = 42.009
R = 500.000	ST = 21.008
SE = 0.076	