PROJECT REFERENCE NO.	SHEET NO.
R-2206C	EC-20/CONST.20
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

METRIC 5 0 10

CONST.REV.

R /W REV.

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

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 20

NAD 83

-L- TS STA.233+03.100 =
-RPB- TS STA.10+00.000
(16.200m LT.)

-BL- 346
-L- STA.233+14.232
35.700 (LT)

-BL- 345
-L- STA.232+03.632
35.309 (LT)

45
HELEN L. TURBYFILL & DARRIS L. TURBYFILL
DB 822 PG 73

44
HELEN L. TURBYFILL & DARRIS L. TURBYFILL
DB 663 PG 362

905
MARTIN MARIETTA TECH., INC.
DB 841 PG 636

PROPOSED W. W. FENCE

+82.714 (PROP.LINE)
68.064m (223.31ft)

+03.100
50.000m
(164.04ft)

+52.342 (PROP.LINE)
50.000m (164.04ft)

+83.638 (PROP.LINE)
50.000m (164.04ft)

26 x 10 x 1
3.5 weir

29 x 14 x 1
3.5 weir

-RPB- SC STA.10+35.000

+73.100 (-L-)
50.000m (164.04ft)

0.9m BASE DITCH
W/CL 'I' RIP RAP
@ So = 4.6%
EST. 7 MTONS
FILTER FABRIC
EST. 11 SM
EST. DDE = 3 CM
(SEE DETAIL ?)

CHORD

N 37° 39' 04.6" W

N 43° 26' 28.2" W

40° 05' 26.4" W

N 39° 53' 22.3" W

FUTURE GUARDRAIL

FUTURE PAVEMENT

17.5m TYP.

15.0m TYP.

2GI

FALSE SUMP
(SEE SHEET ?)

-L-

-RPC-

MATCHLINE SEE SHEET 19
-L- STA. 231+00.000

MATCHLINE SEE SHEET 21
-L- STA. 234+20.000

CLASS 'B' RIP RAP
EST. 2 MTONS
FILTER FABRIC
EST. 6 SM

HEADWALL

TDE

LAT. 'V' DITCH
W/CL 'B' RIP RAP
EST. 33 MTONS
FILTER FABRIC
EST. 68 SM
EST. DDE = ?
(SEE DETAIL ?)

0.6m LAT. BASE DITCH
W/CL 'B' RIP RAP
SEE SHEET 21 FOR QUANTITIES
(SEE DETAIL ?)

0.9m BASE DITCH
W/CL 'B' RIP RAP
@ So = 0.5%
EST. 8 MTONS
FILTER FABRIC
EST. 16 SM
EST. DDE = 11 CM
(SEE DETAIL ?)

+60.000 (-RPC-)
30.000m (98.42ft)

+80.000
30.000m (98.43ft) &
36.000m (118.11ft)

+95.000
30.000m (98.43ft) &
36.000m (118.11ft)

APPROXIMATE LIMITS OF OVERBURDEN PILE

+L- POT STA.233+00.000 =
-RPC- TS STA.10+00.000
(16.200m RT.)
Δ = 4° 00' 00.0"

-RPC- SC STA.10+60.000

-L- SC STA.233+73.100

+88.763 (PROP.LINE)
50.000m (164.04ft)

+89.161
(PROP.LINE)
57.710m
(189.34ft)

+92.470
(PROP.LINE)
89.888m
(294.91ft)

46
ROGER STEVE LEE
DB 1218 PG 786

NOTE: OVERBURDEN PILE TO BE REMOVED TO NATURAL GROUND. MATERIAL CAN BE USED AS A BORROW SOURCE. (PER GEOTECH LETTER DATED 10/9/01)

-L-

PIs Sta 233+49.768
Θs = 1° 15' 12.0"
Ls = 70.000
LT = 46.668
ST = 23.334

PI Sta 241+32.719
Δ = 50° 47' 35.4" (RT)
L = 1,418.413
T = 759.619
R = 1,600.000
e = 0.04

PIs Sta 248+14.847
Θs = 1° 15' 12.0"
Ls = 70.000
LT = 46.668
ST = 23.334

-RPB-

PIs Sta 10+23.333
Θs = 0° 24' 03.9"
Ls = 35.000
LT = 23.333
ST = 11.667

PI Sta 11+84.898
Δ = 6° 51' 45.3" (LT)
L = 299.437
T = 149.898
R = 2,500.000
e = 0.02

-RPC-

PIs Sta 10+40.005
Θs = 2° 51' 53.2"
Ls = 60.000
LT = 40.005
ST = 20.005

PI Sta 11+53.032
Δ = 17° 37' 38.9" (RT)
L = 184.594
T = 93.032
R = 600.000
e = 0.06

PIs Sta 12+64.599
Θs = 2° 51' 53.2"
Ls = 60.000
LT = 40.005
ST = 20.005

SEE SHEET 59 FOR -L- PROFILE
SEE SHEET 70 FOR -RPB- PROFILE
SEE SHEET 71 FOR -RPC- PROFILE