

**GRADING AND DRAINAGE
EROSION CONTROL FOR
CONSTRUCTION SHEET 7**



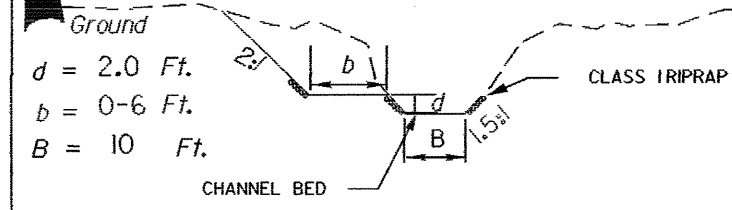
PROJECT REFERENCE NO. R-2552AB	SHEET NO. EC-20/CONST.7
R/W SHEET NO. R-2552AA *21 & *22	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

-L-
 $PI = 38+81.623$
 $\Delta = 20^{\circ}44'47.5" (RT)$
 $L = 905.237$
 $T = 457.630$
 $R = 2,500.000$
 $SE = 0.3$
 $V_{DES} = 10 \text{ m/s}$
 CHANNEL IMPROVEMENTS
 AT INLET AND OUTLET OF RCBC



CONST. REV.

R/W REV.



STA 37+11-LT/RT

GPS R-2552-21=
 BL 45+44.860
 -L- POT 38+65.077 OFF (71.134 LT)

NOTE:
 TEMPORARY SILT FENCE SHALL BE INSTALLED A MINIMUM
 OF 1 METER FROM TOE OF FILL IN WETLAND AREAS

**14 x 6 x 1
 1.5 weir
 ID 7.2**

BEGIN CULVERT
 -L- POC 37+08.182

END CULVERT
 -L- POC 37+14.818

NOTE:
 INSTALL EROSION CONTROL MATTING
 ON TEMPORARY DIVERSION DITCH

SITE AB3

**15 x 7 x 1
 ID 7.7**

- MITIGATABLE IMPACTS ZONE 1
- MITIGATABLE IMPACTS ZONE 2
- DENOTES MECHANIZED CLEARING
- DENOTES FILL IN WETLAND
- DENOTES FILL IN SURFACE WATER
- DENOTES EXISTING CHANNEL IMPACTS (TEMP)
- DENOTES EXISTING CHANNEL IMPACTS (PERM)
- JURISDICTIONAL AREA DO NOT DISTURB

BL-728 43+28.539
 -L- POT 36+61.268 OFF (8.218 LT)

SITE AB2

**17 x 8 x 1
 ID 7.5**

**16 x 8 x 1
 1.5 weir
 ID 7.3**

**32 x 16 x 1
 3.0 weir
 ID 7.4**

MATCH LINE SEE SHEET 6 STA. 35 + 60.000

MATCH LINE SEE SHEET 8 STA. 38 + 65.000