8/17/99

PROJECT REFERENCE NO.	SHEET NO.
B-2500AB	EC-9/CONST.5
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

BEGIN BRIDGE –L– STA. 3159+00

MATCHLINE SEE SHEET 4 –L– STA. 3155+00

MATCHLINE SEE SHEET 6 –L– STA. 3169+00

UNITED STATES OF AMERICA

–L– PI Sta. 3157+05.77

–L– PC Sta. 3161+89.89

NAD 83

CORS 96

DETAIL B
WALL PROTECTION
(Not to Scale)

ELEV = 5.0'
Natural Ground
b
CONCRETE SHEET PILE WALL
ELEV = 3.0'
Geotextile
b = 4 Ft.

Type of Liner = CLASS II RIP-RAP

FROM STA. 3153+50 TO STA. 3157+53 –L– RT.

DETAIL C
WALL PROTECTION
(Not to Scale)

ELEV = 5.0'
Natural Ground
b
CONCRETE SHEET PILE WALL
ELEV = 3.0'
Geotextile
b = 3 Ft.

Type of Liner = CLASS II RIP-RAP

FROM STA. 3154+00 TO STA. 3157+53 –L– LT.

50' POWER LINE EASEMENT

50' INC.

100' INC.

CONTINUE CONCRETE SHEET PILE WALL (–W2–)
(SEE STRUCTURE PLANS FOR LOCATION AROUND CAP)
+04.74 LT

+80.94
35.00'
+81.25
30.00'

+18.89
30.00'

+33.47
30.00'

+33.67
25.00'

REMOVE SANDBAGS

SEE DETAIL C
EST. 125 TONS
EST. 200 SY GEOTEXTILE
EST. 79 CY DDE

+05.77
35.00'

GR AT 3'–1½" POST SPACING

25'

END OF TYPE III

–W2–

CFW

4' SHOULDER BERM DITCH

24'

4.75'

04 03 02 01 00 01 02 03 04

N 29° 41' 33.0" W

–L–

ABANDONED

CLEAR ROADWAY

33'–10"

4' MIN.

CONTINUE CONCRETE SHEET PILE WALL (–W1–)
(SEE STRUCTURE PLANS FOR LOCATION AROUND CAP)
+91.68 RT

300-400 LB STONE
(STRUCTURE PAY ITEM)

–W1–

2 ROWS OF SANDBAGS

REMOVE STEEL SHEET PILING AND STONE 300–400 LB. (STRUCTURE PAY ITEM)

EXIST. STONE 300-400 LB.

STEEL SHEET PILING

SEE DETAIL B
EST. 190 TONS
EST. 275 SY GEOTEXTILE
EST. 120 CY DDE

EXIST R/W

–DETOUR–

+13.76
75.00'

–DETOUR–
+26.00
EX. R/W

–DETOUR–
+65.00
48'
+52.31
95.00'

–DETOUR–
+13.00
EX. R/W

–DETOUR–
+53.00
EX. R/W

–DETOUR–
+00.00
44'
+18.8'
80.00'

–DETOUR–
+49.00
EX. R/W

REMOVE SANDBAGS

R=3219.36'

+38.43
79.98'

EXIST. STONE 300-400 LB.

EXIST. FENCE
PROPERTY OF PARSONS

REMOVE EXIST. PARKING AREA
(SURFACE CONSISTS OF BOTH ASPHALT AND CONCRETE.
CENTER OF LOT CONTAINS AREA OF BURIED CONCRETE.)

+04.34
214'

PI Sta 3155+37.41	PI Sta 3169+98.96
△ = 6° 48' 03.2" (LT)	△ = 29° 51' 54.0" (RT)
D = 2° 01' 02.8"	D = 1° 44' 10.4"
L = 337.10'	L = 1,720.10'
T = 168.75'	T = 880.07'
R = 2,840.00'	R = 3,300.00'
SE = .04	SE = .04

PAVEMENT REMOVAL

SEE SHEETS 2B–7 TO 2B–10 FOR DETOUR DESIGN

SEE SHEETS W–1 TO W–13 FOR WALL DETAILS

SEE SHEET 2B–1 FOR ROADWAY & BRIDGE RELATIONSHIP

SEE SHEETS S–1 TO S–44 FOR STRUCTURE PLANS

BRIDGE HYDRAULIC DATA

DESIGN DISCHARGE	= 12,000	CFS
DESIGN FREQUENCY	= 50	YRS
DESIGN HW ELEVATION	= 7.4	FT
BASE DISCHARGE	= 14,000	CFS
BASE FREQUENCY	= 100	YRS
BASE HW ELEVATION	= 7.7	FT
OVERTOPPING DISCHARGE	= N/A	CFS
OVERTOPPING FREQUENCY	= N/A	YRS
OVERTOPPING ELEVATION	= 3.5	FT

–L–

PI = 3155+80.00
EL = 7.86'
VC = 180'
K = 116

PI = 3157+70.00
EL = 11.85'
VC = 200'
K = 125

BEGIN BRIDGE
STA 3159+00.00

PI = 3162+00.00
EL = 14.00'
VC = 200'
K = 400

(+)0.5500%
(+)2.1000%
(+)2.1000%
(+)0.5000%
(+)0.5000%
(+)0.0000%

11'

2:1

300–400 LB. STONE
(STRUCTURE PAY ITEM)

20 10 0

3155 3156 3157 3158 3159 3160 3161 3162 3163 3164 3165 3166 3167 3168 3169

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ecowell
(Preliminary Plans)