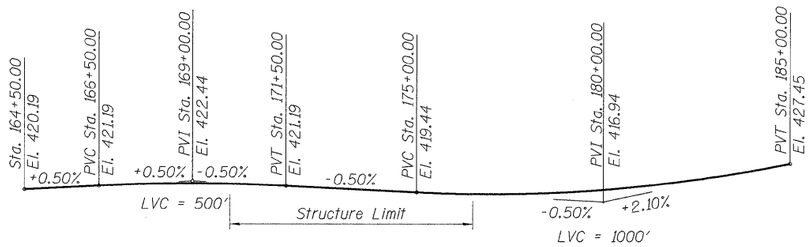
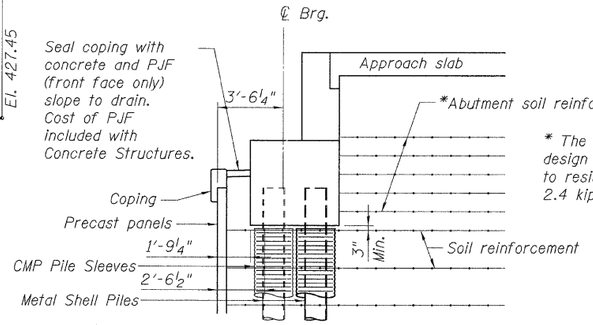
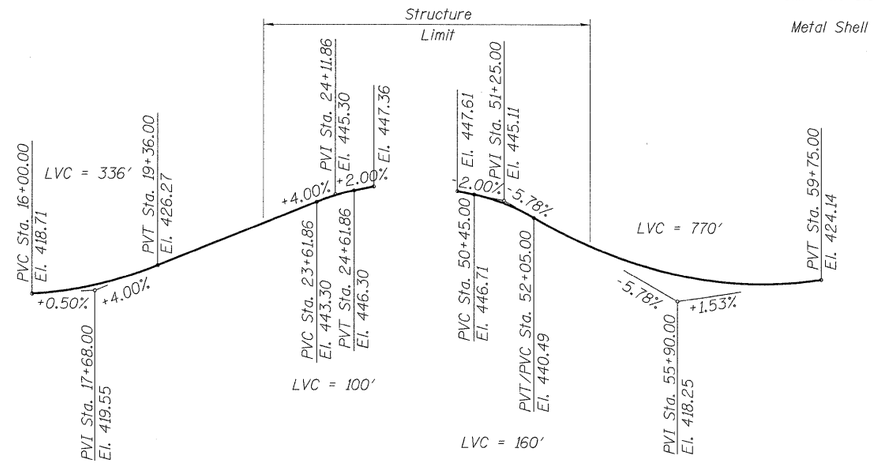


PROFILE GRADE F.A.P. RTE 998 (RELOCATED I-70)



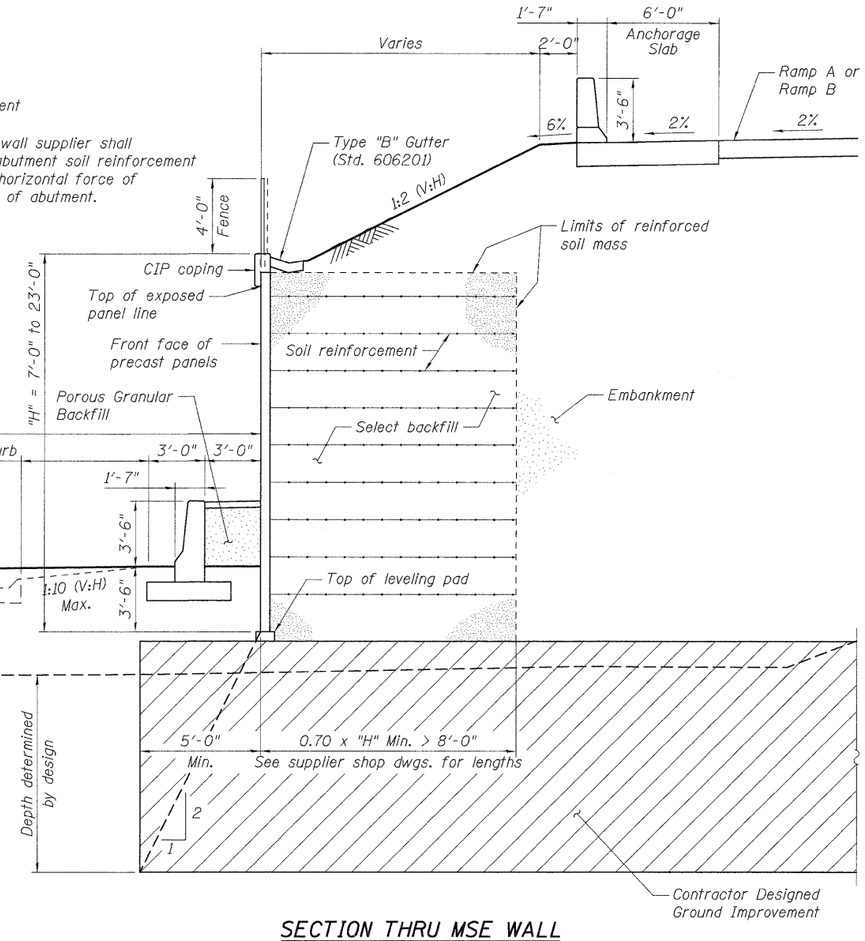
SECTION THRU ABUTMENT

* The MSE wall supplier shall design the abutment soil reinforcement to resist a horizontal force of 2.4 kips/ft. of abutment.

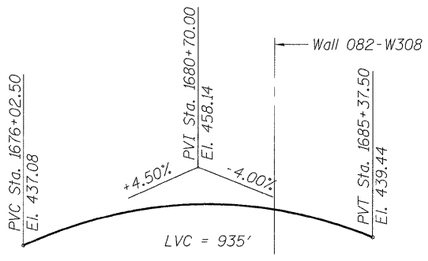


PROFILE GRADE ℄ RAMP A

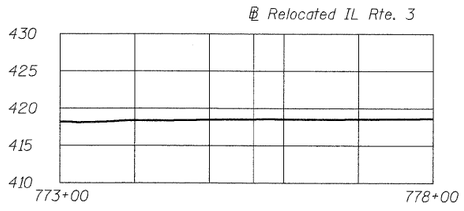
PROFILE GRADE ℄ RAMP B



SECTION THRU MSE WALL



PROFILE GRADE ℄ RELOCATED IL-3



TRRA MAINLINE PROFILE

CURVE RAMPA-1
P.I. = Sta. 22+26.85
Δ = 8°31'38" (LT)
D = 4°46'29"
R = 1,200.00'
L = 178.60'
T = 89.46'
E = 3.33'
P.C. = Sta. 21+37.39
P.T. = Sta. 23+15.98

CURVE RAMPB-1
P.I. = Sta. 54+64.50
Δ = 1°24'03" (LT)
D = 0°57'18"
R = 6,000.00'
L = 146.70'
T = 73.35'
E = 0.45'
P.C. = Sta. 53+91.15
P.T. = Sta. 55+37.85

CURVE RAMPB-2
P.I. = Sta. 64+42.06
Δ = 5°06'17" (LT)
D = 1°15'51"
R = 4,532.00'
L = 403.77'
T = 202.02'
E = 4.50'
P.C. = Sta. 62+40.04
P.T. = Sta. 66+43.82

\\VS-9814\DAN\FALL 12 THINGS\97-0222-2268\B-681\STRUCT\CAD\01 DESIGN\082W308\SHEET\V082W308 CONN-18-0002-MSLDGN
5-12-2011, 14:58:01 NEWMAN
\\VS-9814\DAN\FALL 12 THINGS\97-0222-2268\B-681\STRUCT\CAD\01 DESIGN\082W308\CONN-18-0002-MSLDGN, \\V082W308-CONN-18-0002-MSLDGN, \\V082W308-CONN-19-0021-BLDGN, \\V082W308-CONN-19-0002-MSLDGN

FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - TCG	REVISED -
		DRAWN - TCG	REVISED -
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	CHECKED - JLR	REVISED -
	PLOT DATE = $DATE$	DATE - 05/13/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
I-70 CONNECTION
RETAINING WALL

SECTIONS & DETAILS

SCALE: | SHEET NO. RA-3 OF RA-25 | STA. 170+00.00 TO STA. 176+50.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	258
	SN 082-W308	CONTRACT NO. 76D05		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		