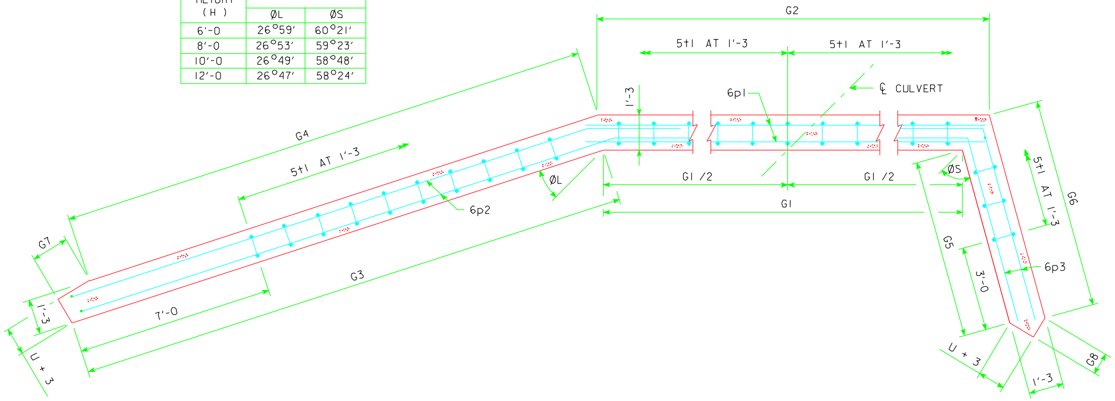
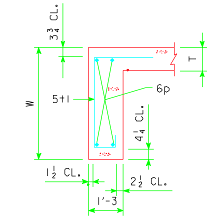
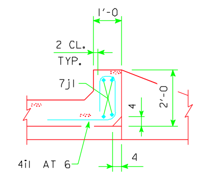
CULVERT HEIGHT (H)	ANGLE	
	ØL	ØS
6'-0	26°59'	60°21'
8'-0	26°53'	59°23'
10'-0	26°49'	58°48'
12'-0	26°47'	58°24'



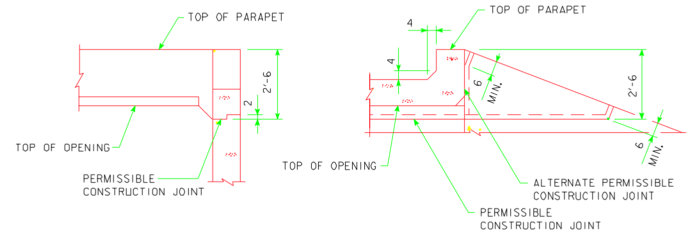
CURTAIN WALL PLAN



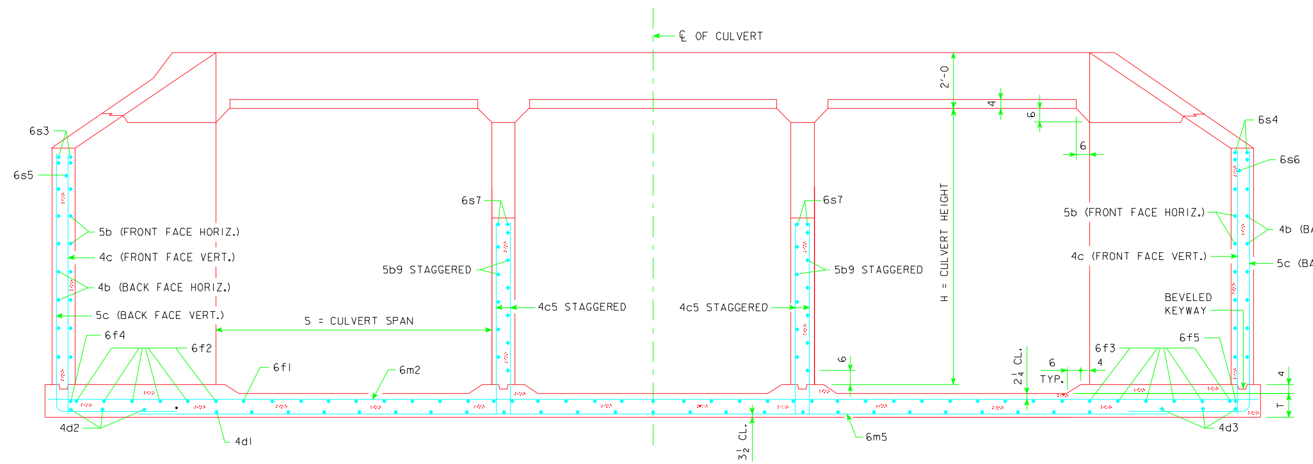
SECTION THRU CURTAIN WALL



SECTION THRU PARAPET



TOP OF WINGWALL DETAILS



TYPICAL SECTION - NEAR CENTER OF APRON

HEADWALL NOTES:

1. SEE SHEET TRRCB-G1-01 FOR GENERAL INFORMATION, SPECIFICATIONS, AND DESIGN STRESSES.
2. FOR DIMENSION TABLE SEE SHEET TRH 45-1-01.

LATEST REVISION DATE :

APPROVED BY :

STANDARD DESIGN

FLARED WING HEADWALLS

FOR

TRIPLE REINFORCED CONCRETE BOX CULVERTS

IOWA DEPARTMENT OF TRANSPORTATION - HIGHWAY DIVISION

SEPT., 2001

TRH 45-4-01

TRH454.S01 - 09-01 THIS SHEET ISSUED.

XXXXXXXXXXSYSTEMTIME XXXXXXXUSERNAME XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXDGNSPEC