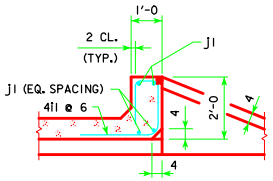
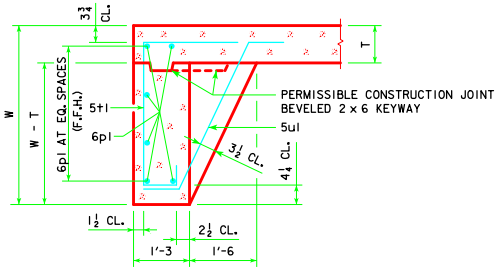
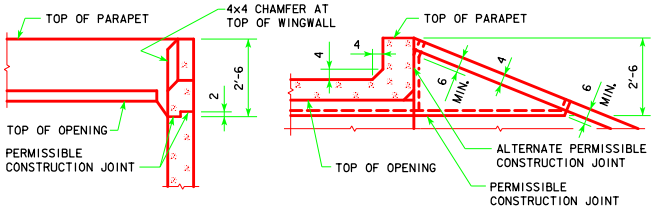


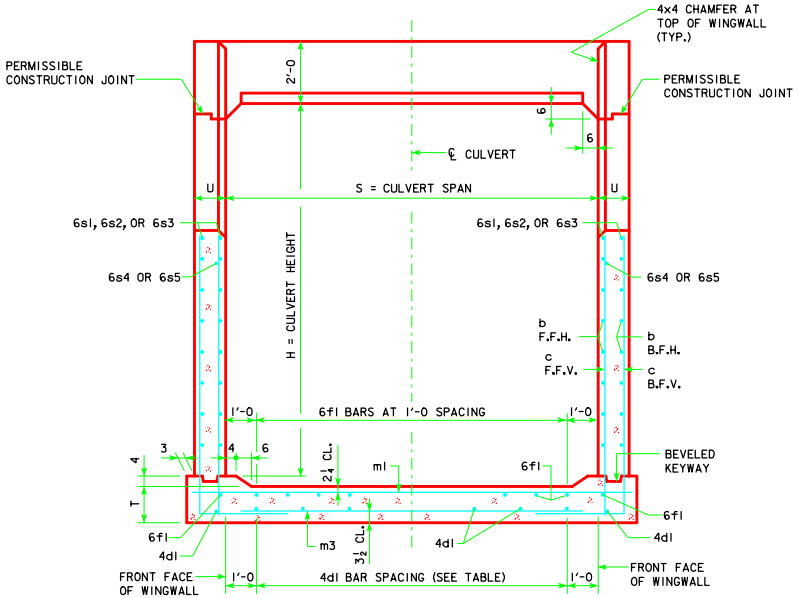
SECTION THRU PARAPET



SECTION THRU CURTAIN WALL

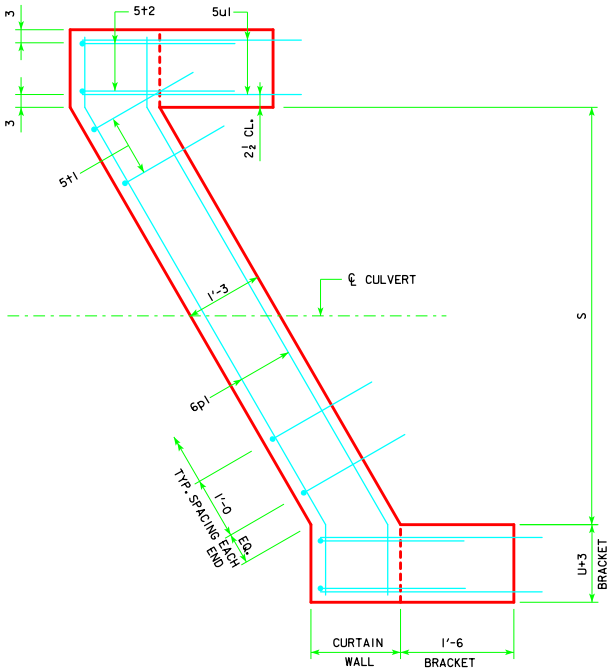


TOP OF WINGWALL DETAILS



TYPICAL CROSS SECTION - THRU HEADWALL

4d1 BAR SPACING		
SPAN	SPACING	NO. OF BARS
5'-0	2 SPA. AT 1'-6	5
6'-0	3 SPA. AT 1'-4	6
8'-0	4 SPA. AT 1'-6	7
10'-0	6 SPA. AT 1'-4	9
12'-0	8 SPA. AT 1'-3	11



CURTAIN WALL DETAIL

APRON IS NOT SHOWN

NOTES:

1. SEE DRAWING RCB-G1-12 AND RCB-G2-12 FOR GENERAL NOTES, SPECIFICATIONS, AND DESIGN STRESSES.
2. FOR DIMENSION TABLE SEE DRAWING PWH 30-1-12.

LATEST REVISION DATE

APPROVED BY BRIDGE ENGINEER

Iowa Department of Transportation
Highway Division

STANDARD DESIGN - SINGLE REINFORCED CONCRETE BOX CULVERTS

PARALLEL WING HEADWALLS

APRIL, 2012

CROSS SECTION DETAILS 30° SKEW

PWH 30-2-12

ENGLISH\LRFDSIGNEDS\NGLECULVERTS.DGN - PWH 30-2-12 - THIS SHEET ISSUED 04-12.