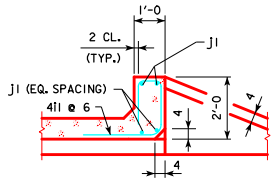
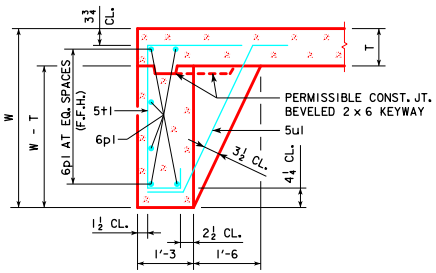
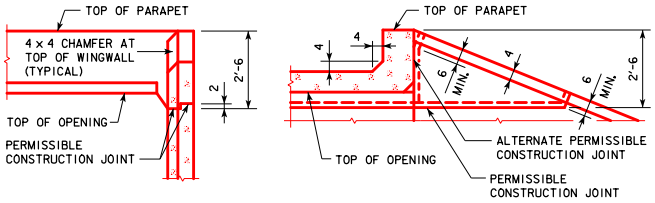


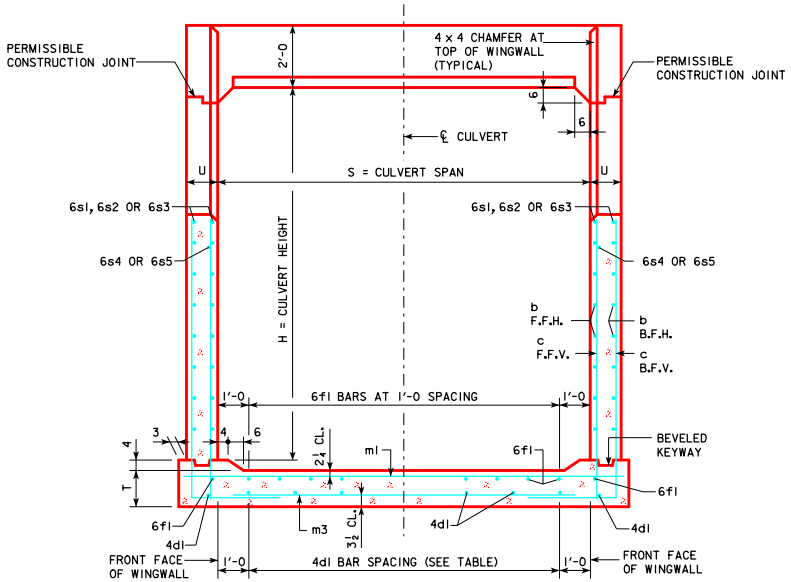
SECTION THRU PARAPET



SECTION THRU CURTAIN WALL

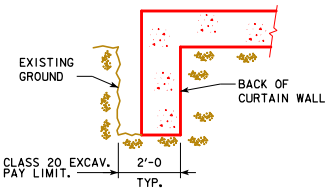


TOP OF WINGWALL DETAILS

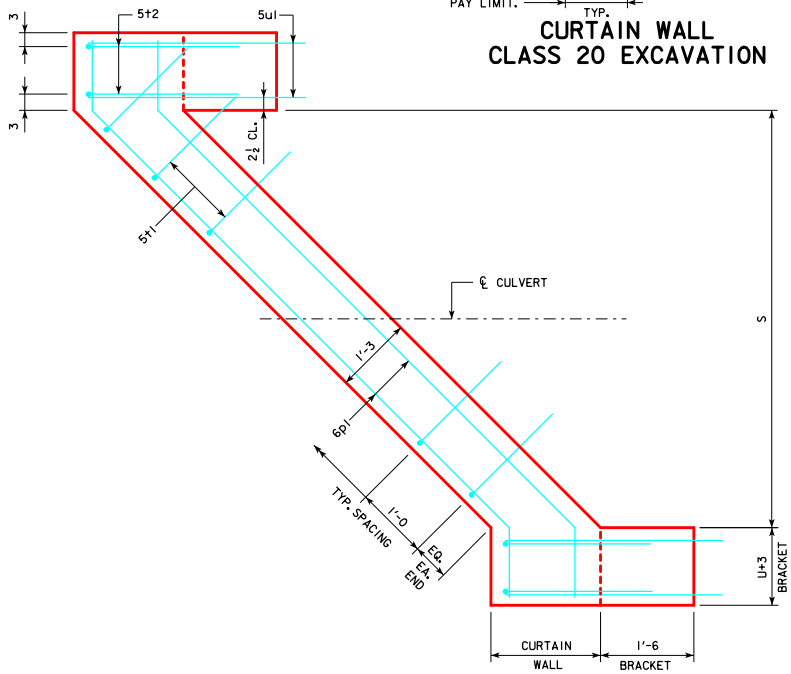


TYPICAL CROSS SECTION - THRU HEADWALL

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 CLASS 20 EXCAVATION



CURTAIN WALL DETAIL - PLAN VIEW

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 45-1-12.

02-2017
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 45° SKEW

PWH 45-2-12

REVISED 12-2016: ADDED CURTAIN WALL CLASS 20 EXCAVATION DETAIL.
REVISED 2-2017: CORRECTED TYPO. (RCB-G1-12 WAS RCB-G1-11 IN ERROR).
ENGLISH\RFDSIGNEDS\SINGLECULVERTS.DGN - PWH 45-2-12 - THIS SHEET ISSUED 04-12.