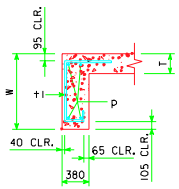
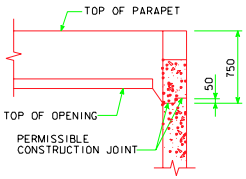
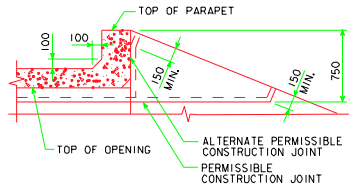
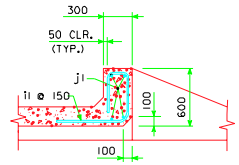


SECTION THRU CURTAIN WALL

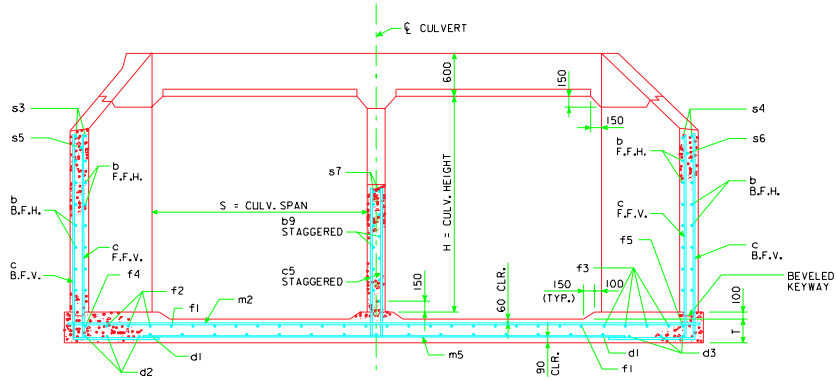




TOP OF WINGWALL DETAILS

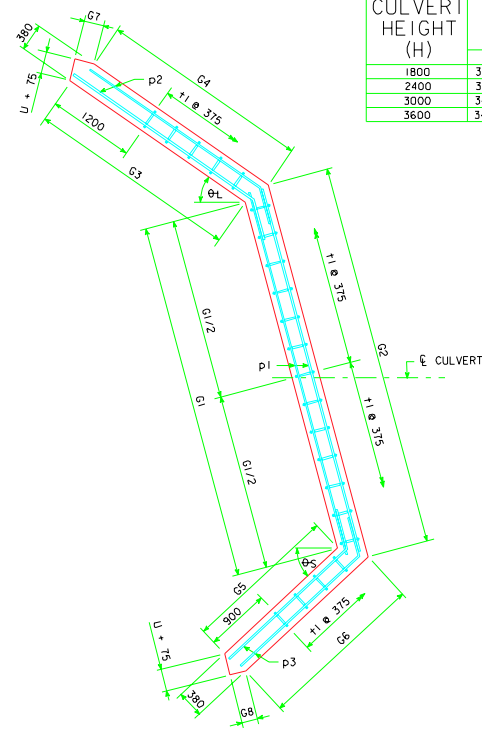


SECTION THRU PARAPET



TYPICAL SECTION - NEAR CENTER OF APRON

CULVERT HEIGHT (H)	ANGLE	
	θ_1	θ_5
1800	34°49′	43°22′
2400	34°30′	42°47′
3000	34°18′	42°25′
3600	34°11′	42°11′



CURTAIN WALL DETAIL

NOTES:

1. SEE SHEET MTWRCB-G1-95 FOR GENERAL INFORMATION, SPECIFICATIONS, AND DESIGN STRESSES.
2. FOR DIMENSION TABLE SEE SHEET MTWH 15-1-95.

LATEST REVISION DATE : 1-1-98

APPROVED BY : William A. Knudsgaard

STANDARD DESIGN

FLARED WING HEADWALLS

FOR
TWIN REINFORCED CONCRETE BOX CULVERTS

PROJECT DEVELOPMENT DIVISION
IOWA DEPARTMENT OF TRANSPORTATION

JULY, 1995

MTWH 15-3-95

REVISED : 12/96 ; KEYWAY NOTATION CHANGED.
REVISED 1/98; CLEAR DISTANCE TO i1 BAR CHANGED.
TWH153M.SOI

XXXXXXXXXXSYSTEMTIME XXXXXXXUSERNAME XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXDGNSPEC