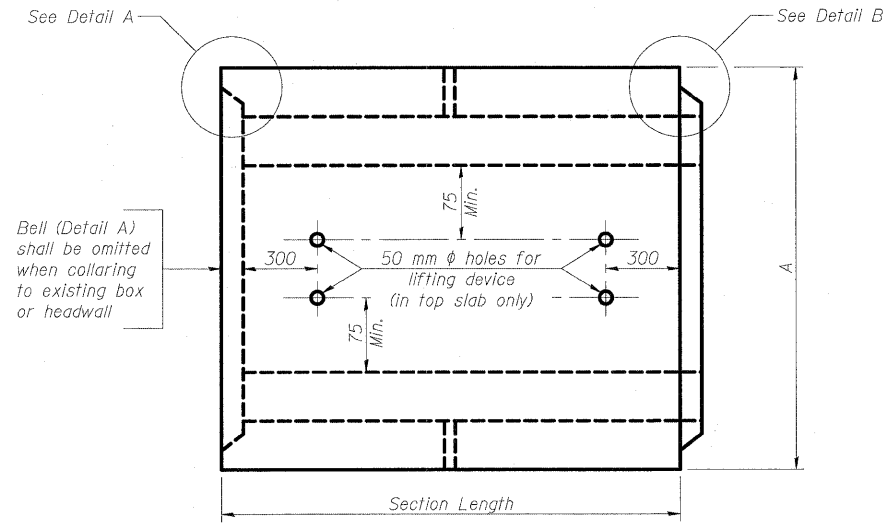
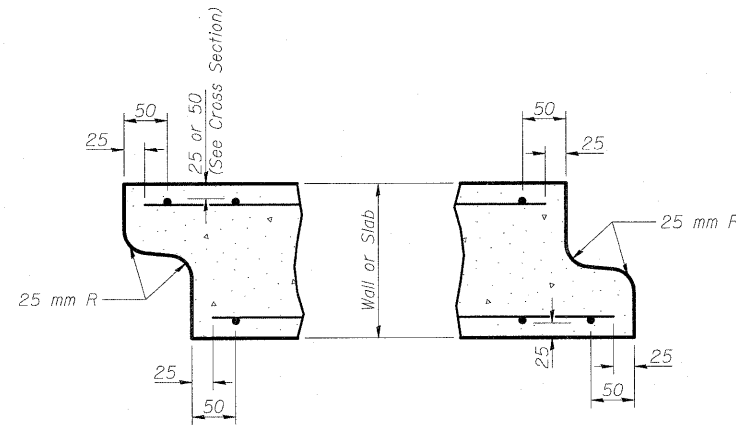


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	196
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



**PLAN**

Location of lifting holes may be varied as needed to clear reinforcement.



**DETAIL A**

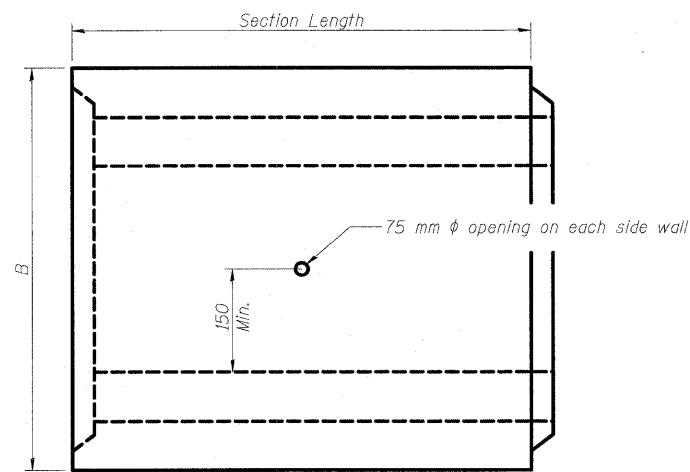
(Typ. Inlet End)

**DETAIL B**

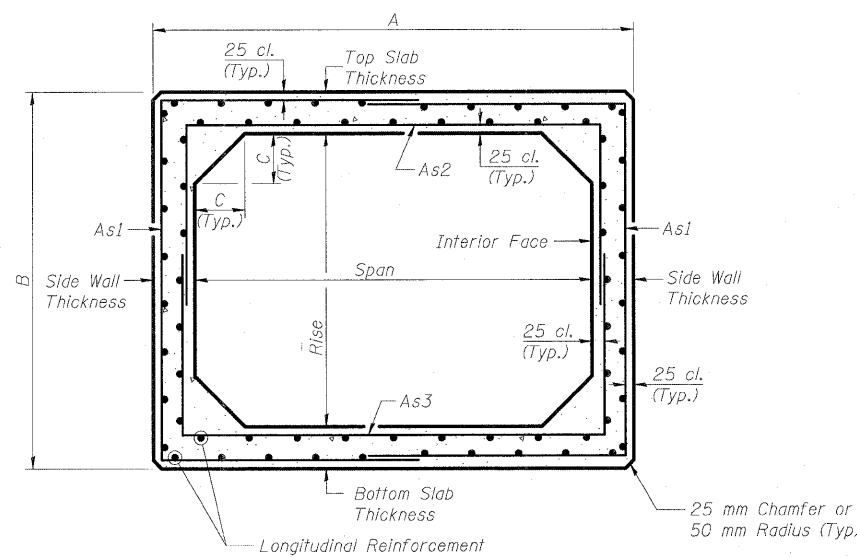
(Typ. Outlet End)

NOTES: Inlet and outlet ends shall be compatible.  
End detail is subject to variation by fabricator.

Box Culvert No.	Span	Rise	Fill Depth at Shoulder	Design Specifications
1	900	450	< 0.6m	M-273M
4	600	600	< 0.6m	M-273M
8	3000	1650	< 0.6m	M-273M
10	600	450	> 0.6m	M-259M
11	900	600	< 0.6m	M-273M
15	600	450	< 0.6m	M-273M
16	900	450	> 0.6m	M-259M
17	600	600	< 0.6m	M-273M

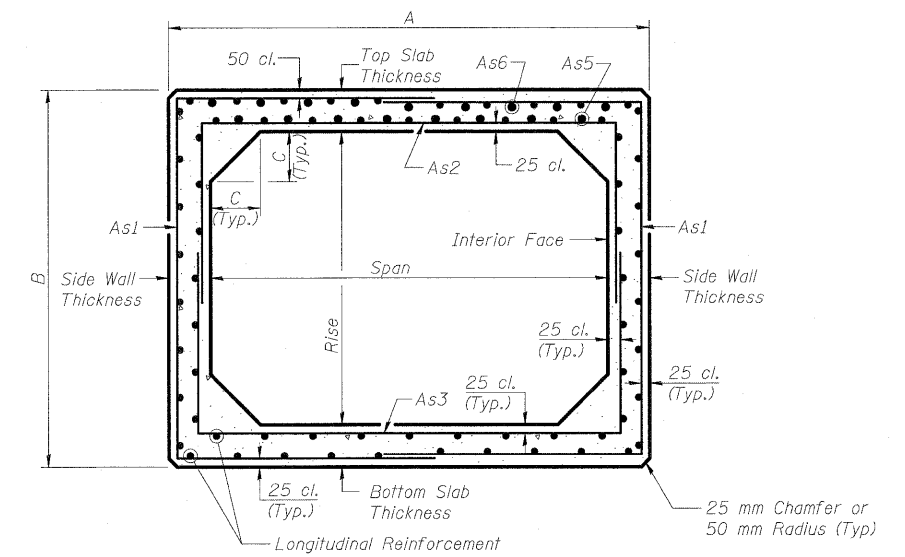


**ELEVATION**



**CROSS SECTION**

(AASHTO M-259M)



**CROSS SECTION**

(AASHTO M-273M)

**GENERAL NOTES**

- The Contractor shall determine box culvert dimensions A, B & C and reinforcement requirements which satisfy AASHTO M-259M or M-273M.
- The terms As1 thru As6 denote the required steel areas for reinforcement as specified in AASHTO M-259M and M-273M.
- Reinforcement shall be welded wire fabric conforming to ASTM specifications A-185.
- Splicing and laps shall conform to AASHTO M-259 and ASTM C-789.
- Lifting holes shall be filled with concrete plugs and mastic after box sections are in place.
- Edge beam reinforcement shall be provided per requirements of AASHTO M-273M.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION BOX CULVERT EXTENSIONS PRECAST SECTION DETAILS
NAME	DATE	

SCALE NONE  
DATE DECEMBER 10, 2006  
DRAWN BY MLB  
CHECKED BY MTH