

PRECAST BOX CULVERT SHOP DRAWING DETAILS FOR FILL ≥ 2.0 ft. ; AASHTO M 259

GENERAL NOTES

Precast Concrete Box Culvert sections shall conform to the requirements of Article 540.06 of the Standard Specifications and the applicable requirements of AASHTO M 259.

The minimum concrete strength shall be 5,000 psi.

Lifting holes shall be filled with concrete plugs and mastic after box sections are in place.

FILL = _____ ft. ; TABLE _____

REQUIRED AASHTO STEEL AREAS (in²/ft.)

A_{s1} _____
 A_{s2} _____
 A_{s3} _____
 A_{s4} _____

REINFORCEMENT PROVIDED

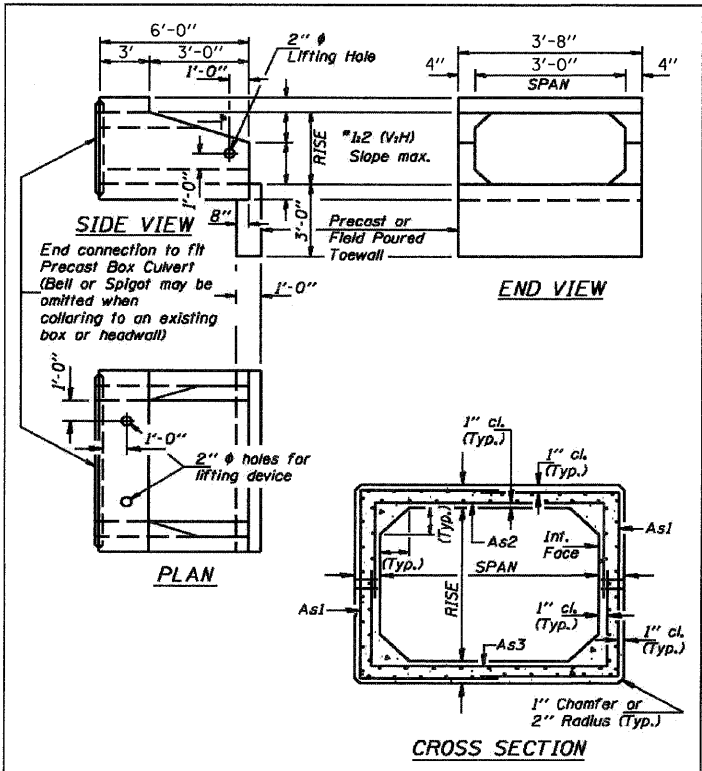
A_{s1} _____ x _____ W _____ x W _____ = _____
 A_{s2} _____ x _____ W _____ x W _____ = _____
 A_{s3} _____ x _____ W _____ x W _____ = _____
 A_{s4} provided by A_{s2} and A_{s3}

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Precast Concrete Box Culvert 3 x 2	Ft.	116

CONTRACT 62187 COUNTY LAKE
 ROUTE 335 SECTION 145 X-T
 SPAN 3 X RISE 2 ; STATION 39+10&39+14

PRECAST BOX CULVERT SHOP DRAWING NOTES FOR FILL ≥ 2.0 ft. ; AASHTO M 259



PRECAST BOX CULVERT END SECTION SHOP DRAWING DETAILS FOR FILL ≥ 2.0 ft. ; AASHTO M 259

GENERAL NOTES

Box Culvert End Sections shall conform to the requirements of Article 540.06 of the Standard Specifications and the applicable requirements of AASHTO M 259.

The minimum concrete strength shall be 5,000 psi.

Lifting holes shall be filled with concrete plugs and mastic after box sections are in place.

FILL = _____ ft. ; TABLE _____

REQUIRED AASHTO STEEL AREAS (in²/ft.)

A_{s1} _____
 A_{s2} _____
 A_{s3} _____
 A_{s4} _____

REINFORCEMENT PROVIDED

A_{s1} _____ x _____ W _____ x W _____ = _____
 A_{s2} _____ x _____ W _____ x W _____ = _____
 A_{s3} _____ x _____ W _____ x W _____ = _____
 A_{s4} provided by A_{s2} and A_{s3}

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Box Culvert End Sections	Each	4

CONTRACT 62187 COUNTY LAKE
 ROUTE 335 SECTION 145 X-T
 SPAN 3 X RISE 2 ; STATION 39+10&39+14

PRECAST BOX CULVERT END SECTION SHOP DRAWING NOTES FOR FILL ≥ 2.0 ft. ; AASHTO M 259

- NOTES:
- SHOP PLANS FOR PRECAST CONCRETE BOX CULVERT SECTIONS AND PRECAST END SECTIONS SHALL BE SUBMITTED BY THE CONTRACTOR TO THE DISTRICT OFFICE ACCORDING TO THE APPLICABLE REQUIREMENTS OF ARTICLE 504.04(a) OF THE STANDARD SPECIFICATIONS. TYPICAL SHOP PLAN DETAILS AND NOTES FOR PRECAST BOX CULVERTS MANUFACTURED BY A PRECASTER ARE SHOWN ABOVE.

FILE NAME = ...\\D162187-shy-PrecastBoxCulv.dgn



DESIGNED	REVISION	-
DRAWN	REVISION	-
CHECKED	REVISION	-
DATE	9/14/2011	REVISION

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL ROUTE 176 (SLOCUM LAKE ROAD) OVER BANGS LAKE DRAINAGE DITCH
 PRECAST BOX CULVERT DETAILS
 SCALE: N/A SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
335	145 X-T	LAKE	80	55
CONTRACT NO. 62187			ILLINOIS FED. AID PROJECT	