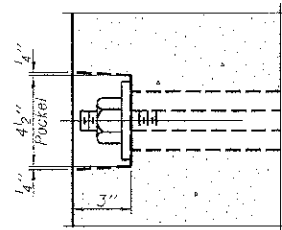
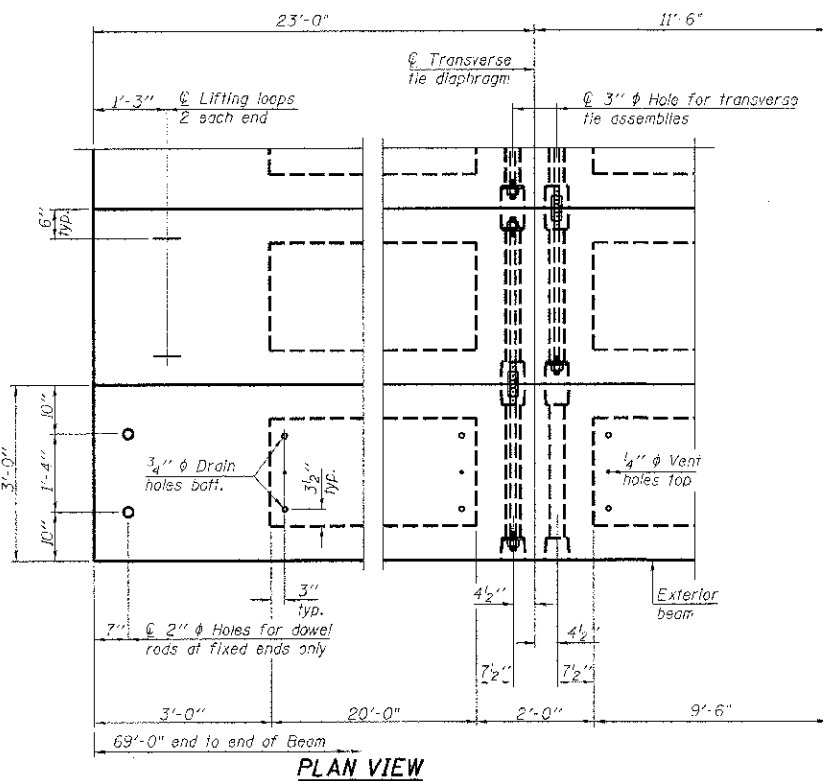
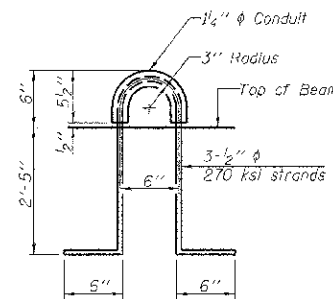
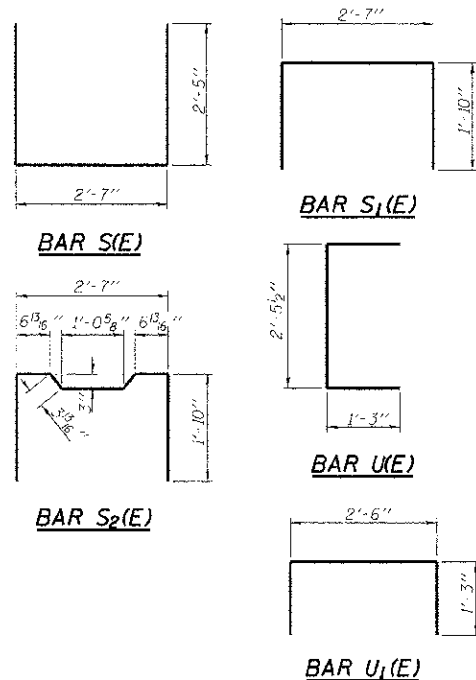
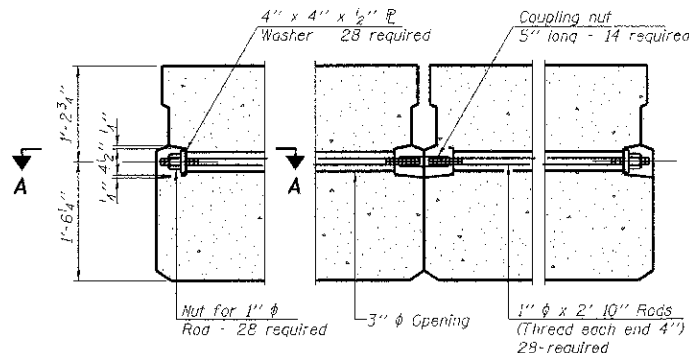


FIXED

Note: Omit holes when using expansion bearings.



SECTION A-A



Note: Connect beams in pairs with the transverse tie configuration shown.

NOTES

- Prestressing steel shall be uncoated high strength, low relaxation 7-wire strand, Grade 270. The nominal diameter shall be 1/2" and the nominal cross-sectional area shall be 0.153 sq. in.
- The 1" rods in the transverse tie assembly shall be tightened to a snug fit and the threads set. Pockets on exterior faces of bridge shall be filled with grout after transverse tie assembly is in place.
- Reinforcement bars shall conform to ASTM A 706, Grade 60.
- Two 1/2" fabric adjusting shims of the dimensions of the exterior bearing pad shall be provided for each bearing pad location.
- A minimum 2 1/2" lifting pin shall be used to engage the lifting loops during handling.
- Corrosion inhibitor, per Article 1020.05(b)(10) and 1021.07 of the Standard Specifications, shall be used in the concrete for precast prestressed concrete deck beams.
- Compressive strength of prestressed concrete, f'c, shall be 6000 psi.
- Compressive strength of prestressed concrete at release, f'cr, shall be 5000 psi.

BILL OF MATERIAL

Precast Prestressed Conc. Deck Bms. (33" depth)	Sq. Ft.	1656
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**33" X 36" PPC DECK BEAM DETAILS
STRUCTURE NO. 011-3414**

PD-3336-0D

10-1-08

FILE NAME =	USER NAME = #USER#	DESIGNED =	REVISED =	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	33" X 36" PPC DECK BEAM DETAILS NO. 011-3414 TR 206 OVER TRIBUTARY TO LOCUST CREEK STA. 10+00	SCALE: _____ SHEET NO. _____ OF _____ SHEETS STA. _____ TO STA. _____	F.A. RTE. TR206	SECTION 08-07115-00-BR	COUNTY CHRISTIAN	TOTAL SHEETS 12	SHEET NO. 7	93596
\$FILE#		DRAWN =	REVISED =									
		CHECKED =	REVISED =									
		DATE	REVISED									

MEC CONSULTING ENGINEERS AND SURVEYORS ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-028633 2251 N. WILSON AVENUE, SUITE 100, CHICAGO, IL 60641 Phone: (312) 658-8800 Fax: (312) 658-8802 E-Mail: meca@mece-engineers.com				PROJECT NO.	08-07115-00-BR
				TOTAL SHEETS	12
				SHEET NO.	7
				ILLINOIS FED. AID PROJECT	93596