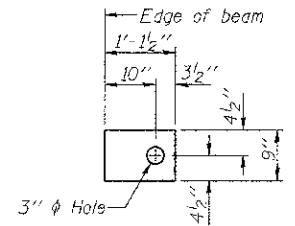
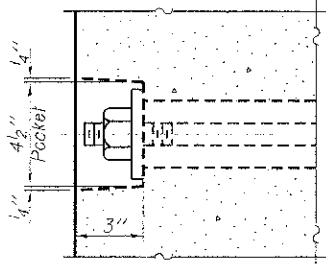


FABRIC BEARING PAD
(Interior)

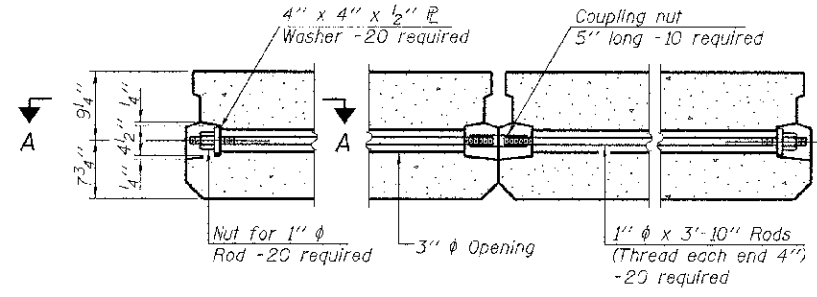


FABRIC BEARING PAD
(Exterior)

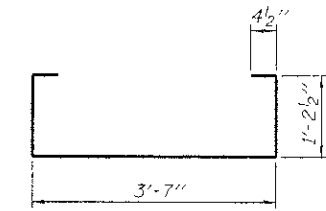
FIXED
Notes:
All bearing pads shall be 1" thick.
Omit holes when using expansion bearings.
Expansion bearing pad shall be bonded to the substructure.



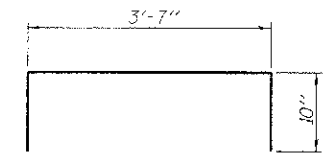
SECTION A-A



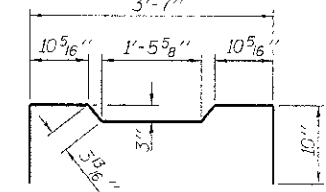
TYPICAL TRANSVERSE TIE ASSEMBLY



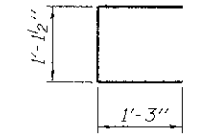
BAR S(E)



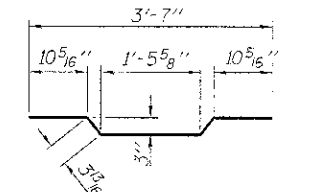
BAR S1(E)



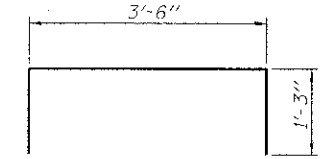
BAR S2(E)



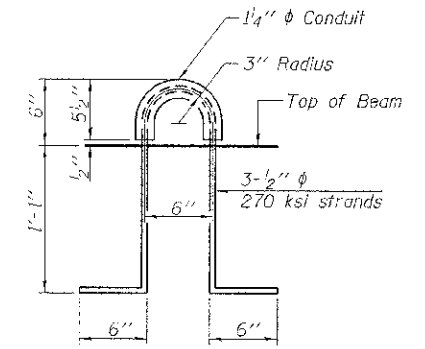
BAR U(E)



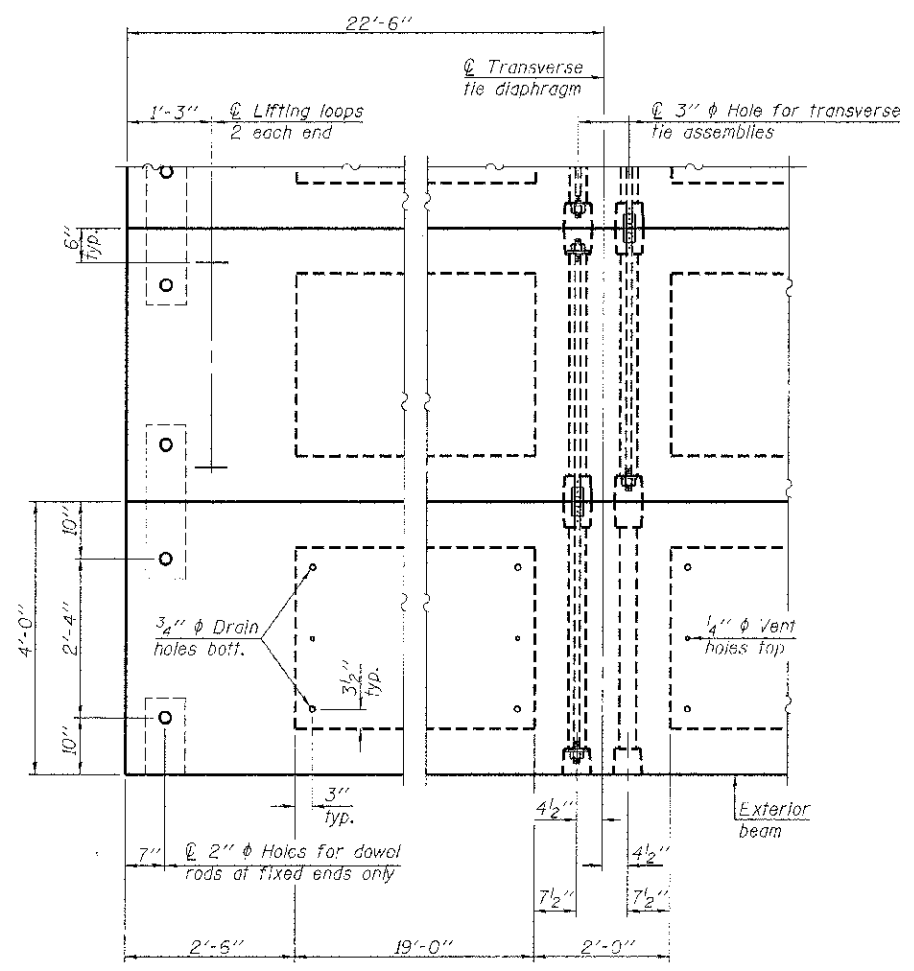
BAR A1(E)



BAR U1(E)



LIFTING LOOP DETAIL



PLAN VIEW

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" diameter 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. (See Special Provisions).
Two 1/8" fabric adjusting shims of the dimensions of the exterior bearing pad shall be provided for each bearing pad location.
A minimum 2 1/2" diameter lifting pin shall be used to engage the lifting loops during handling.
Corrosion inhibitor, per Article 1020.05(b)(12) 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'ci, shall be 5000 psi.
All bars shall be epoxy coated.

BILL OF MATERIAL

Precast Prestressed Conc. Deck Bms. (17" Depth)	Sq. Ft.	1,080
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PD-1748-OD 1-27-12

FILE NAME = 128223.sht-bridge.dgn	USER NAME =	DESIGNED - L.A.P.	REVISED -	STATE OF ILLINOIS UNION COUNTY HIGHWAY DEPARTMENT	17" x 48" PPC DECK BEAM DETAILS STRUCTURE NO. 091-3241	T.R.	SECTION	COUNTY	TOTAL SHEETS	
HAMPTON, LENZINI AND RENWICK, INC.		CHECKED - S.W.M.	REVISED -			239	11-01201-00-BR	UNION	20	14
3841 STEVENSON PARKWAY, SUITE 101 SPRINGFIELD, ILLINOIS 62764	PLOT SCALE =	DRAWN - R.D.H.	REVISED -			COUNTY UNIT ROAD DISTRICT	CONTRACT NO. 99503			
ILLINOIS PROFESSIONAL DESIGN FIRM L3 / P E / S E CORP. 184.000933	PLOT DATE = 3/15/2013	CHECKED - S.W.M.	REVISED -							