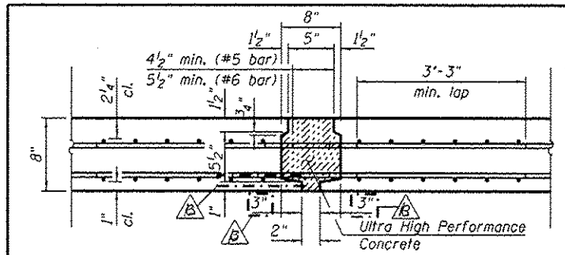
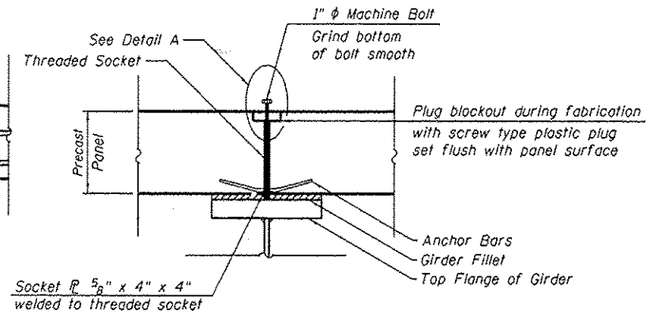
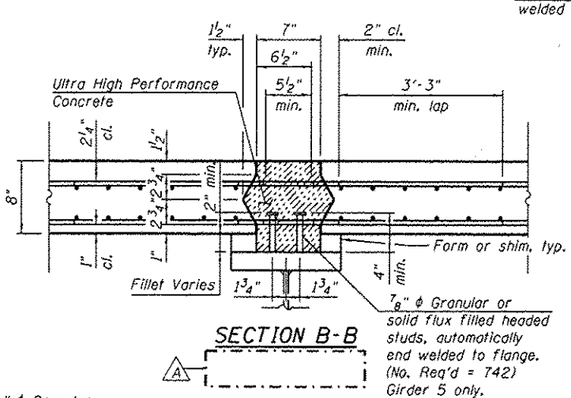


SECTION A-A

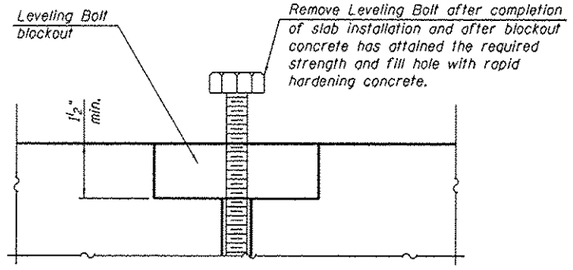
(Showing deck panel shear key)



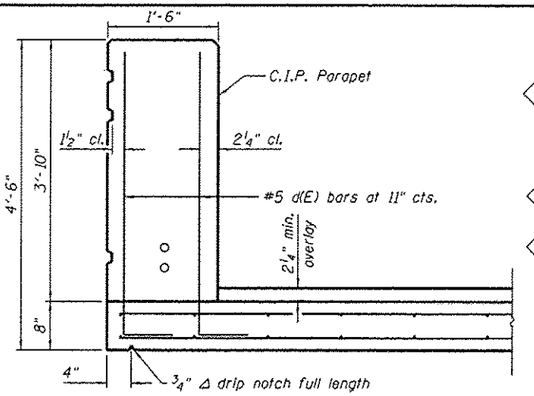
VERTICAL ADJUSTMENT DEVICE



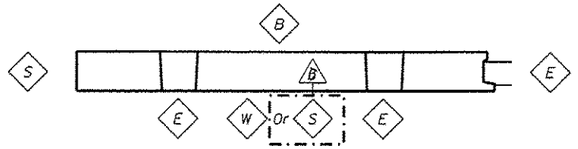
SECTION B-B



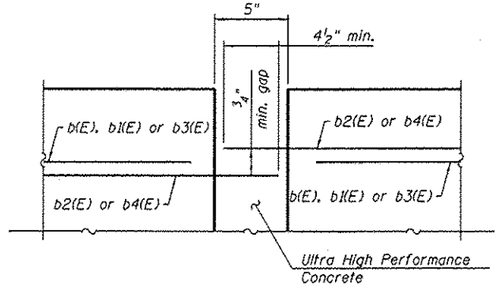
DETAIL A



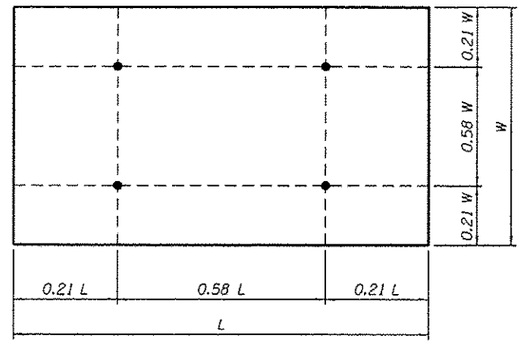
SECTION D-D



PRECAST CONCRETE DECK PANEL FINISHES

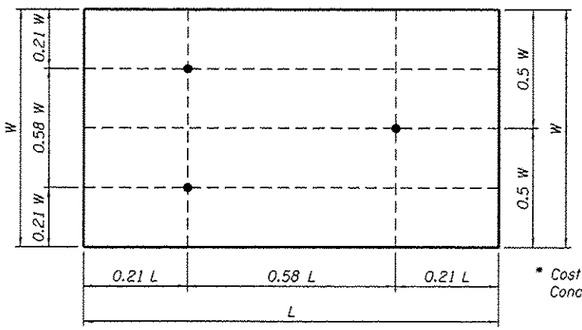


DETAIL B



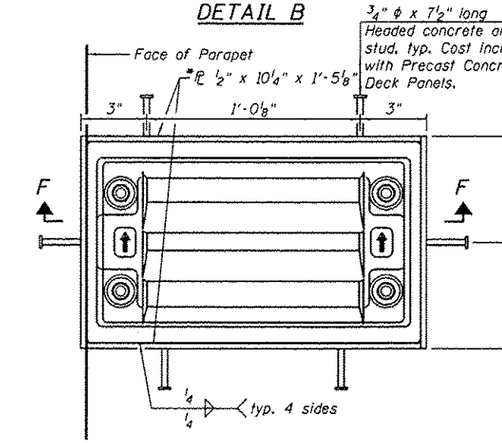
DECK PANEL LIFTING POINTS

(For Information Only)

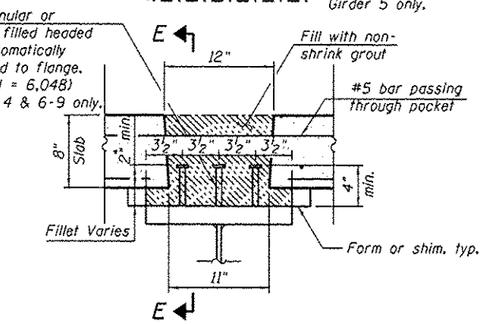


DECK PANEL TRANSPORT SUPPORTS

(For Information Only)



SCUPPER PLAN



SECTION C-C

(Showing Stud Shear Connector pocket)

Vertical Adjustment Device Notes:

A machine bolt or similar shall provide smooth and detailed vertical adjustment to the panel after placement on the girders.

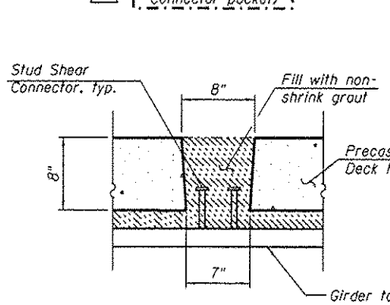
During panel installation, all vertical adjustment devices shall be in full contact with the girders.

The location, spacing and final details of the vertical adjustment devices shall be designed for at least 100% more than the load of the precast panel, barrier and any construction loading as determined by the Contractor.

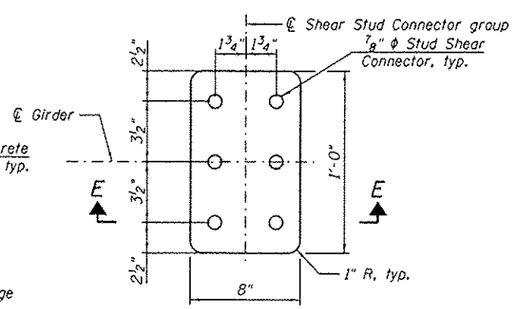
The vertical adjustment devices shall be fully removable and the voids filled with rapid hardening concrete after the girder or stringer haunch has been placed and cured.

The details shown are for schematic only and alternatives are permitted. Details and layout of the vertical adjustment devices shall be signed and sealed by a Illinois Licensed Structural Engineer and submitted to the Engineer for review prior to casting the panels.

The cost of the vertical adjustment devices, including furnishing, installing, removing and all work required for repairing the slab panels after removal, shall be included in the cost of Precast Concrete Deck Panels.

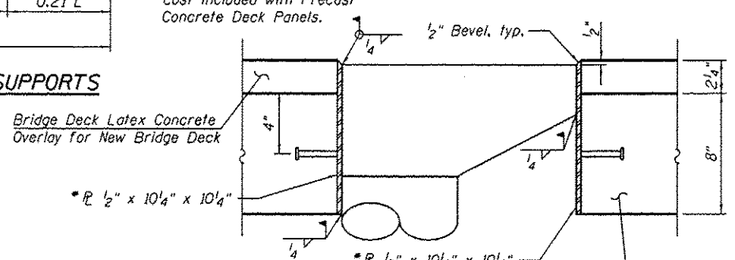


SECTION E-E



STUD SHEAR CONNECTOR POCKET

* Cost included with Precast Concrete Deck Panels.



SECTION F-F

Notes:

Cost of field welding of drainage scuppers included in the cost of Drainage Scuppers, DS-11. See Sheet 31 of 55.

2:30:35 PM
D:\161708-60W29-5016-Deck_Panel1.dgn

USER NAME = jrmickow	DESIGNED JRM	REVISED Δ 12/18/2013 JRM	
	CHECKED WJC	REVISED B 2/18/2014 JRM	
PLOT SCALE = 0:2 '1" / In.	DRAWN RLS	REVISED	
PLOT DATE = 2/18/2014	CHECKED DL	REVISED	

TranSystems

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PRECAST DECK PANEL DETAILS 1
STRUCTURE NO. 016-1708
SHEET NO. 16 OF 55 SHEETS

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	148
		CONTRACT NO. 60W29		
		ILLINOIS FED. AID PROJECT		