

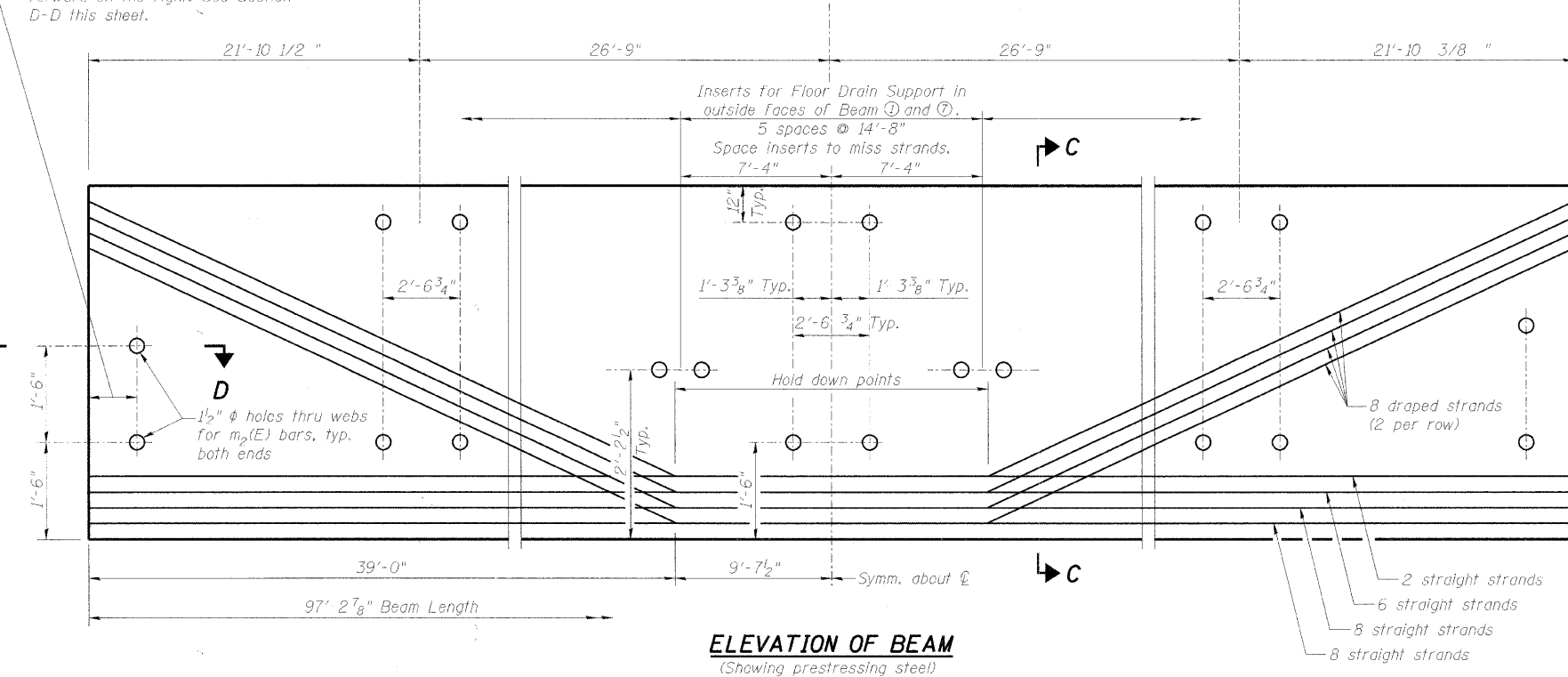
SECTION A-A

SECTION B-B

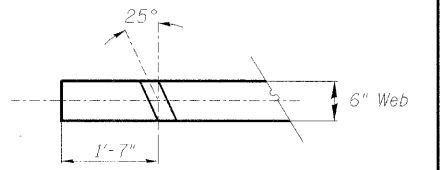
Note A:  
Hex nuts (top and bottom) with lock washers (top). Only tighten sufficiently to compress lock washers.

See also Elevation View for formed holes thru web for Permanent Bracing "B" and for m2(E) bars at abutment.

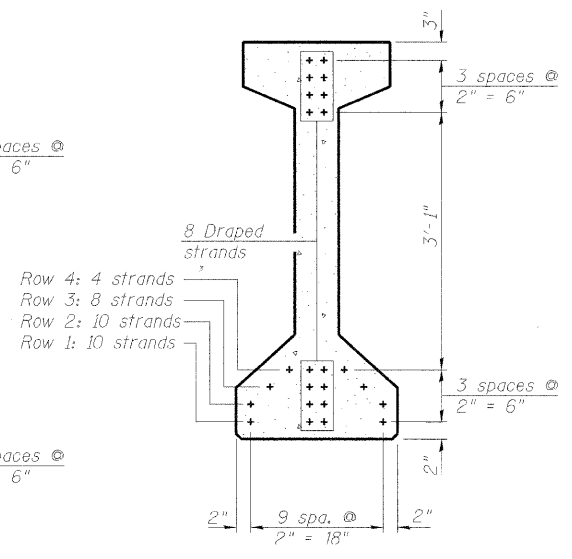
ELEVATION OF BEAM (Showing reinforcement & dimensions)



ELEVATION OF BEAM (Showing prestressing steel)



SECTION D-D



SECTION C-C

Standard strand Pattern  
32 DSH for LRFD 54" I-beams

\*\*\*BAR LIST ONE BEAM ONLY

Bar	No.	Size	Length	Shape
G1	153	#4	10'-5"	∩L
G2	14	#4	8'-8"	∩
G3	12	#7	34'-8"	∩
G4	38	#3	4'-11"	∩
G5	97	#3	3'-5"	∩

\*\*\*For information only  
Notes:  
See Sht. 18 of 32 for additional details and Bill of Material. Required release strength, f'ci, shall be 5,000 psi.

54" PPC I-BEAM  
ELMORE ROAD BRIDGE  
OVER FRENCH CREEK

DESIGNED	PJL
CHECKED	LLV
DRAWN	MGM
CHECKED	PJL

NOTES

- See Sht. 13 and 18 of 32 for Permanent Bracing Location and Details.
- See Sht. 7 and 14 of 32 for Dock Drain Locations.
- See Sht. 13 of 32 for m2(E) bar locations.
- It shall be the responsibility of the precast fabricator to adjust location of holes and inserts to miss strands within permissible tolerances.

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HWY	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
R-15	08-00092-00-BR	PEORIA	32	17
STRUCTURE NO. 072-3147		STATION 7+27		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT BROS-0143(049)		