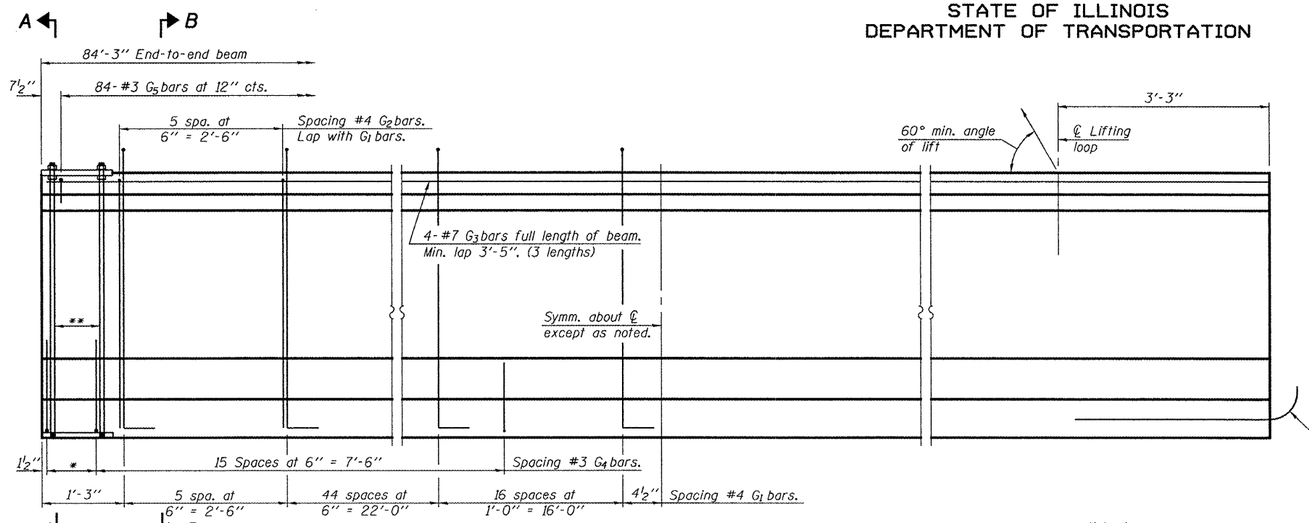
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 769	110B-2	MACOUPIN	98	59
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 19
38 SHEETS

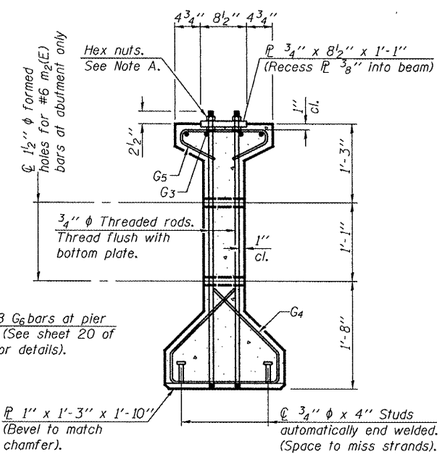
Contract #72813



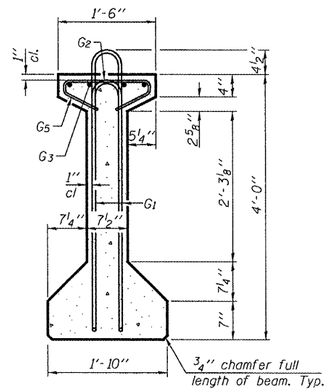
*3 spaces at 3" = 9".
**4-¾" ϕ threaded dowel rods at 3" cts., Each Face.

ELEVATION OF BEAM
(Showing reinforcement & dimensions)

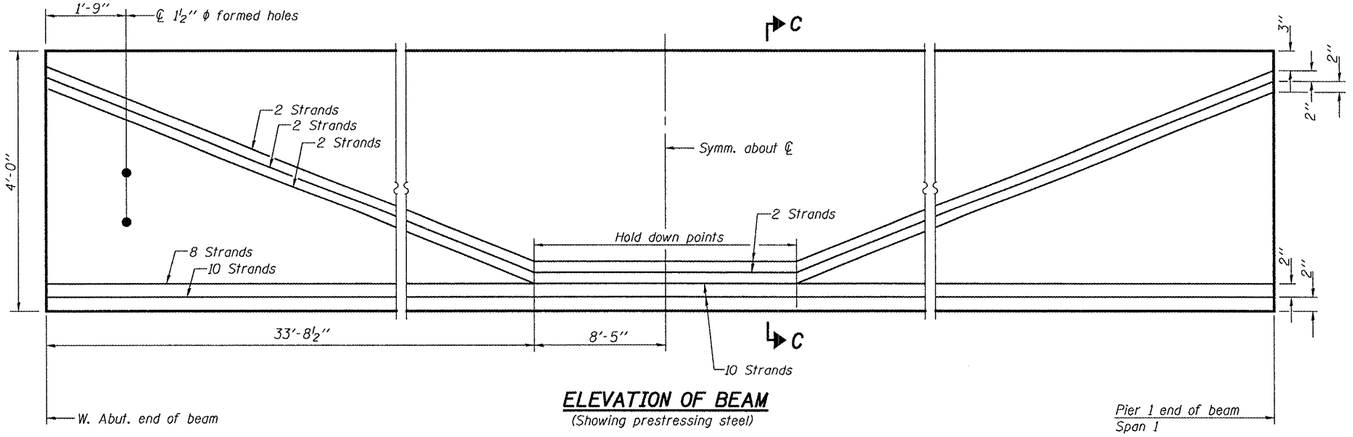
Note A:
Hex nuts (top and bottom) with lock washers (top). Only tighten sufficiently to compress lock washers.



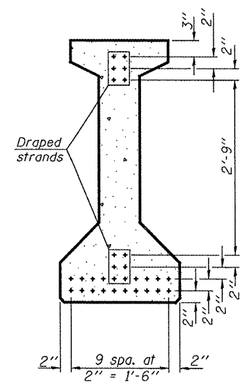
SECTION A-A



SECTION B-B



ELEVATION OF BEAM
(Showing prestressing steel)



SECTION C-C

*****BAR LIST**
ONE BEAM ONLY

Bar	No.	Size	Length	Shape
G_1	132	#4	9'-6"	11
G_2	12	#4	7'-11"	11
G_3	12	#7	30'-4"	——
G_4	38	#3	5'-3"	
G_5	84	#3	2'-9"	
G_6	2	#8	3'-9"	

***For information only

Notes:
See sheet 20 of 38 for additional details and Bill of Material.
Required release strength, f'ci, shall be 6000 psi.

DESIGNED	Tom Kurtenbach
CHECKED	Jay Edwards
DRAWN	BECKY M. LEACH
CHECKED	TK/JE

June 17, 2008
EXAMINED Thomas J. Domagalski
ENGINEER OF BRIDGE DESIGN
PASSED Ralph E. Anderson
ENGINEER OF BRIDGES AND STRUCTURES

PI-4-48 12-21-06

48" PPC I-BEAM (SPAN 1)
F.A.P. ROUTE 769 - SEC. 110B-2
MACOUPIN COUNTY
STATION 104+41.00
STRUCTURE NO. 059-0509

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