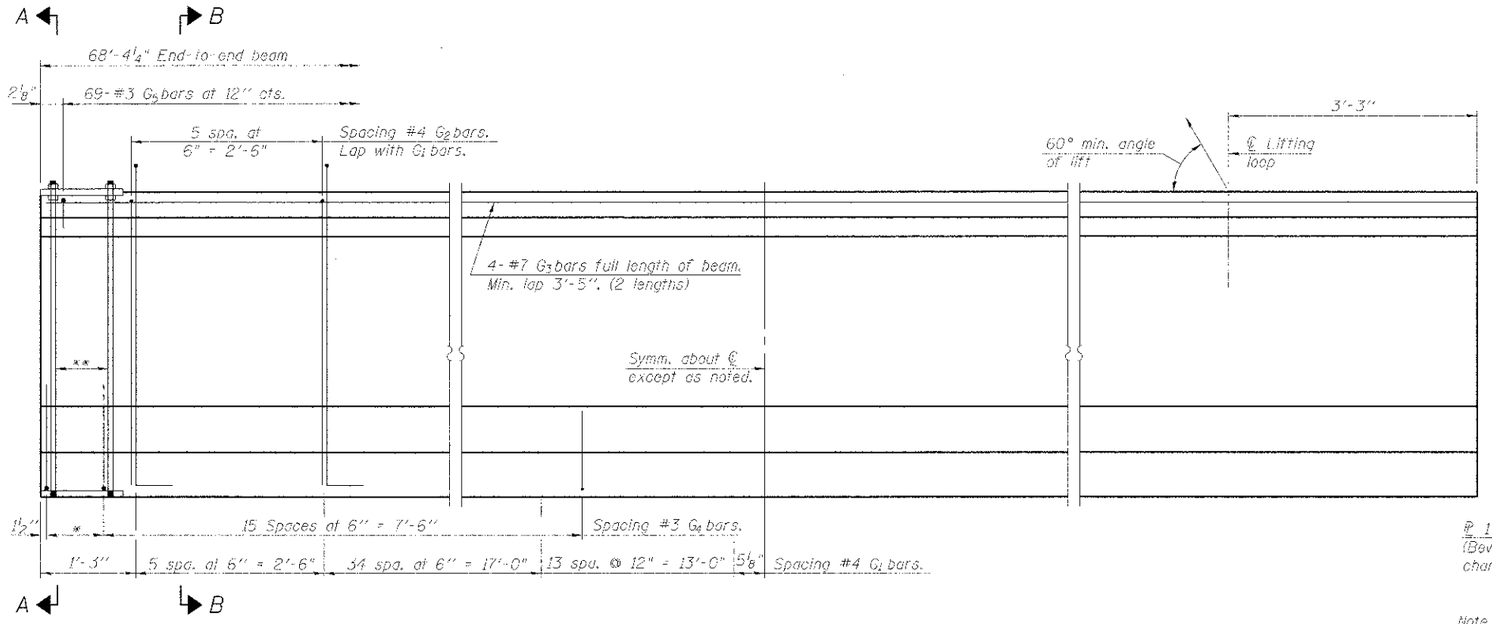
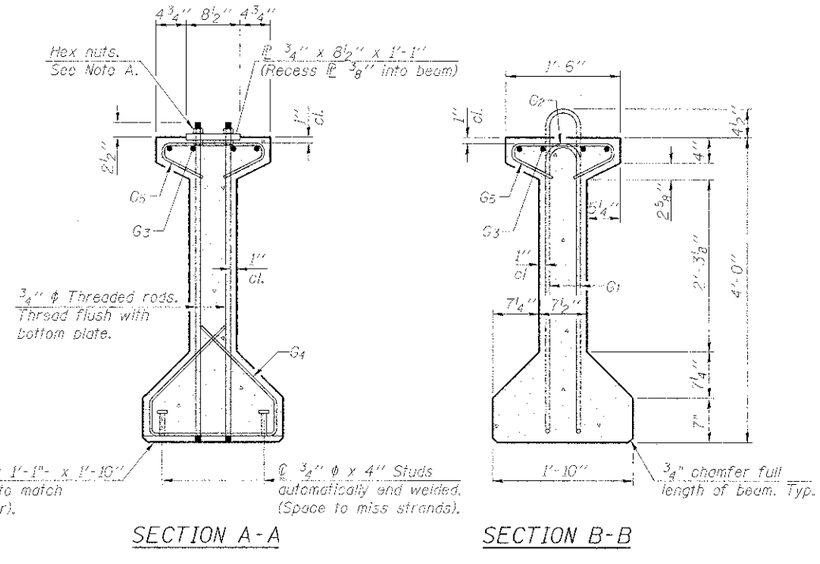


*3 spaces at 3" = 9".
**4 ¾" ϕ threaded dowel rods at 3" cts., Each Face.

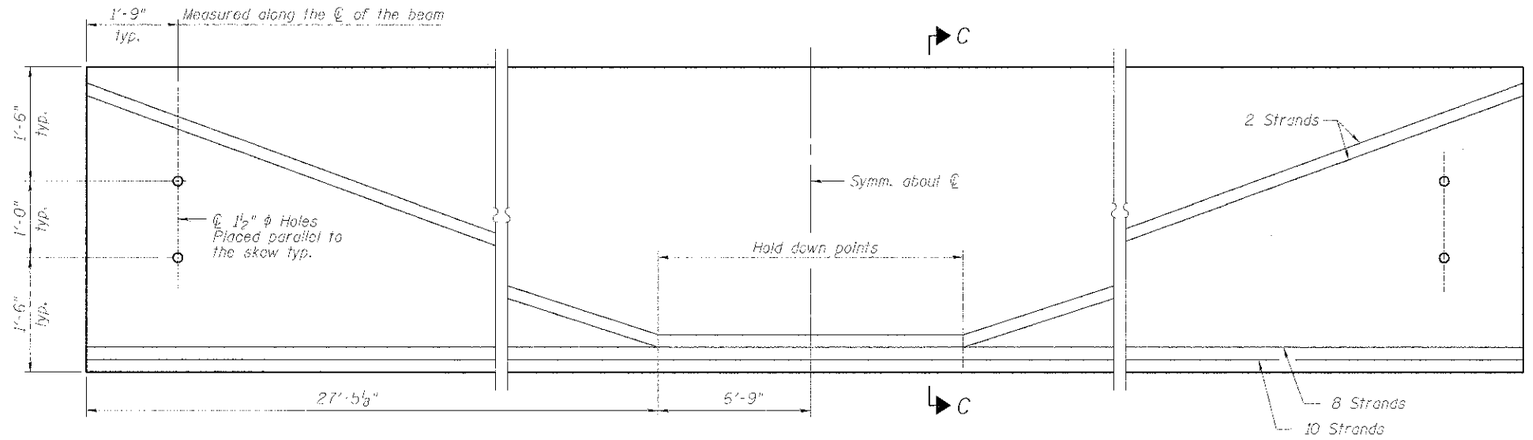
ELEVATION OF BEAM
(Showing reinforcement & dimensions)



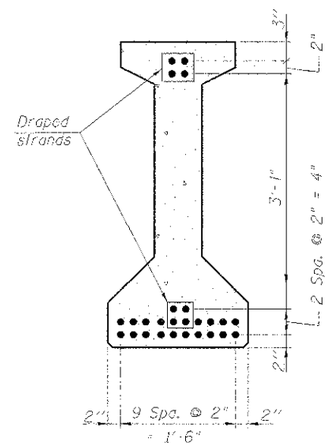
SECTION A-A

SECTION B-B

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



ELEVATION OF BEAM
(Showing prestressing steel)



SECTION C-C

***BAR LIST
ONE BEAM ONLY

Bar	No.	Size	Length	Shape
G_1	106	#4	9'-5"	AL
G_2	12	#4	7'-11"	A
G_3	8	#7	35'-9"	
G_4	33	#3	5'-3"	
G_5	69	#3	2'-9"	

***For information only

Notes:
1. See sheet SH12 for additional details and Bill of Material.
2. Required release strength, f'ci, shall be 5,000 psi.

benesch
engineers · scientists · planners
Alfred Benesch & Company
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450 Job No. 10074

FILE NAME =	USER NAME = rgrimm	DESIGNED - RJT	REVISED -
		CHECKED - AJK	REVISED -
045203-311-ppcel.dgn	PLOT SCALE =	DRAWN - RMG	REVISED -
	PLOT DATE = 12/13/2012	CHECKED - AJK	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

48" PPC I-BEAM ELEVATION
IL 25/STEARNS RD EB OVER BREWSTER CREEK STRUCTURE NO. 045-2033
SHEET NO. SB11 OF SB19 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-18-RP	KANE	451	326
		CONTRACT NO. 63598		
	ILLINOIS FED. AID PROJECT			

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