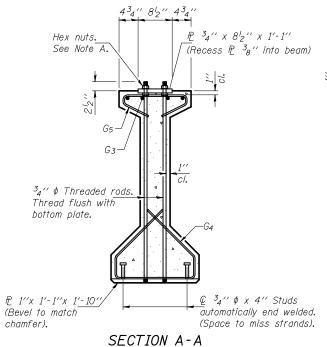
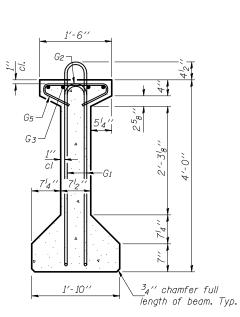
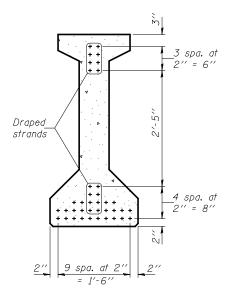
STATE OF ILLINOIS $A \blacktriangleleft_1$ $\triangleright B$ DEPARTMENT OF TRANSPORTATION 88'-6" end to end beam 89-#3 G₅ bars at 1'-0" cts. $\underline{4}$ -#7 G_3 bars full length of beam. 5 spa. at 6" Spacing #4 G₂ bars. 60° min. angle Min. lap 3'-5". (3 lengths) Lap with G₁ bars. - € Lifting loop of lift _Symm. about € except as noted. 15 spa. at 6" = 7'-6" Spacing #3 G₄ bars. 3 spa. — 1'-0'' 2'-0'' Spacing #4 G₁ bars. 5 spa. at 6'' 22 spa. at 9" = 16'-6" 17 spa. at 1'-0'' = 17'-0'' = 2'-6' $\triangleright B$ Hex nuts (top and bott.) with lock washers (top). ELEVATION OF BEAM Only tighten sufficiently to compress lock washers. * 3 spaces at 3" = 9". ** $4 - \frac{3}{4}$ " ϕ threaded dowel rods (Showing reinforcement & dimensions) at 3" cts. Ea. face. 1'-6'' \not $1_2'''$ ϕ formed holes for #6 bars. Ea. end $rrac{1}{r}$ C — Symm. about € Hold down points 6 Strands— 10 Strands 4 Strands — 10 Strands — Strands -8 Strands — \downarrow c 35′-0′′ 9'-3" ELEVATION OF BEAM (Showing prestressing steel) ⊢⊈ Beam € 1½" ¢ formed holes for DESIGNED Philip E. Coppernoli December 6, 2010 $m_I(E)$ bars at abutments. CHECKED Justin T. Belue h.t. duong DRAWN END OF BEAM-PLAN *PEC/JTB* CHECKED





<u>SECTION B-B</u>



SECTION C-C

***BAR LIST ONE BEAM ONLY

Bar	No.	Size	Length	Shape
G_1	96	#4	9'-6''	ΝL
G_2	12	#4	7'-11''	N
$G_{\mathcal{S}}$	12	#7	31'-8''	
G4	38	#3	5'-3''	Ŋ
G ₅	89	#3	2'-9"	ĵ

***For information only

Notes:

See sheet 15 of 21 for additional details and Bill of Material.

Required release strength, f'ci, shall be 6000 psi.

48" PPC I-BEAM STRUCTURE NO. 001-0507

	SHEET NO.14	F.A.P. RTE.	SECTION			COUNTY	TOTAL SHEETS	SHEET NO.	
		745	107B-1			ADAMS	86	48	
	21 SHEETS					CONTRACT	NO. 72	2B98	
		FED. RO	DAD DIST.	NO	ILLINOIS	FED. Al	ID PROJECT		