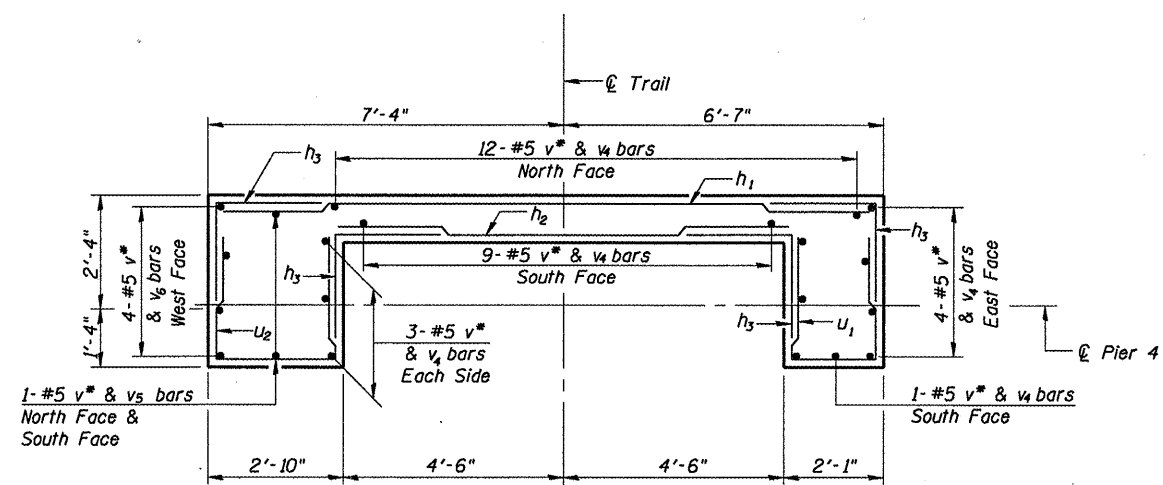
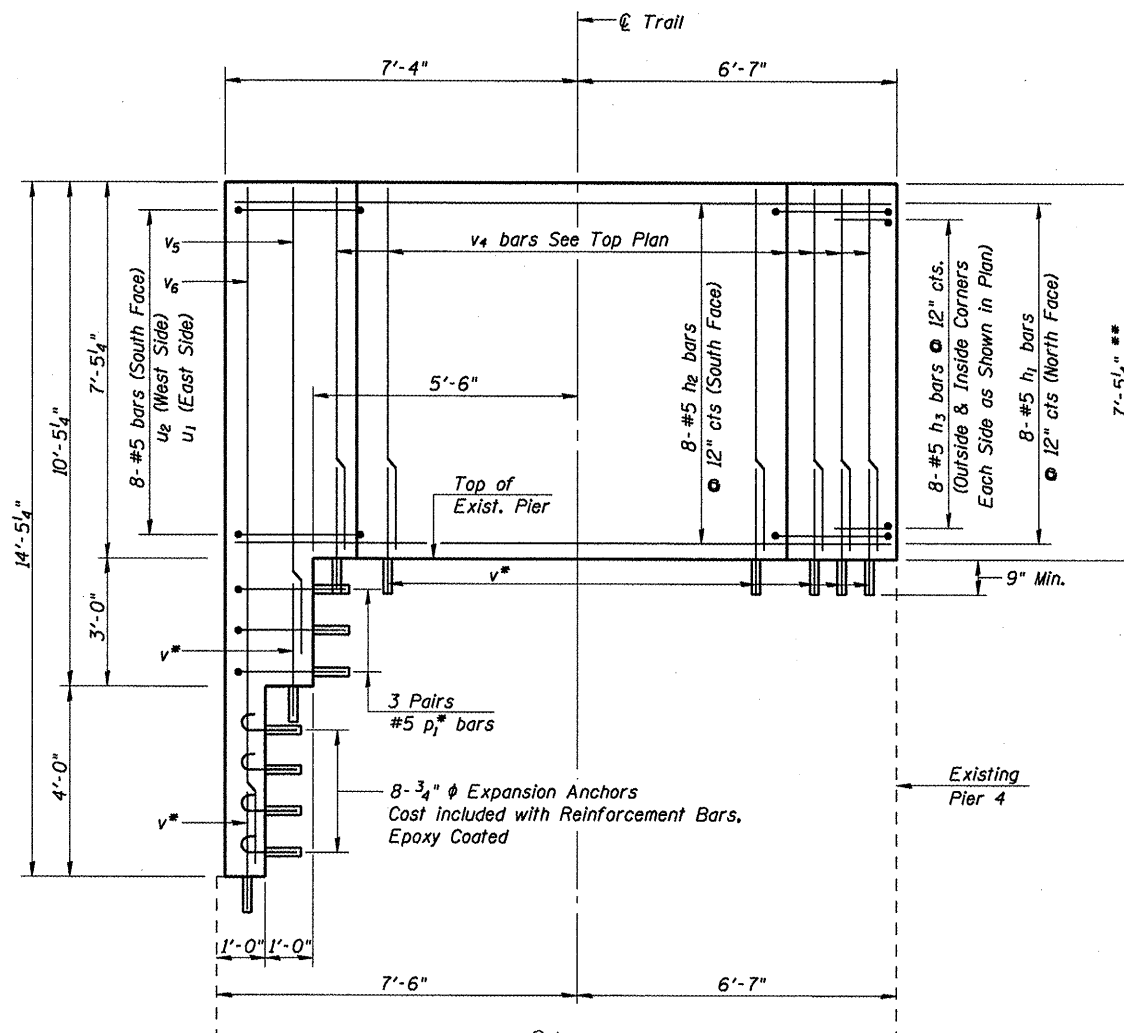


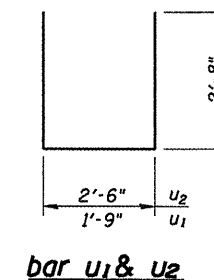
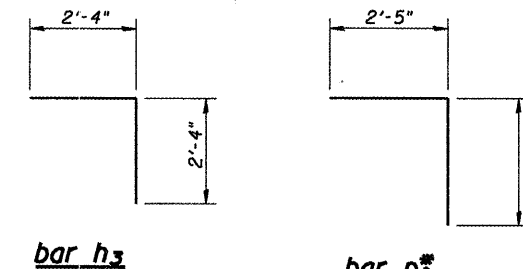
**PLAN
AT TOP OF EXISTING PIER**
(Showing Dimensions)



**PLAN
AT TOP OF PROPOSED PIER**
(Showing Reinforcement)



ELEVATION
(Looking Northeast)



BILL OF MATERIAL - PIER 4

Bar	No.	Size	Length	Shape
h ₁	8	#5	13'-5"	—
h ₂	8	#5	8'-8"	—
h ₃	32	#5	4'-8"	└
p ₁	6	#5	5'-1"	└
u ₁	8	#5	7'-1"	U
u ₂	8	#5	7'-10"	U
v*	38	#5	3'-0"	—
v ₄	32	#5	7'-1"	—
v ₅	2	#5	10'-1"	—
v ₆	4	#5	14'-1"	—
			Cu. Yd.	8.6
			Pound	940
			Sq. Ft.	372

Note:
Hatched areas indicate limits of Concrete Removal.
All bars designated with an asterisk (i.e., v*) shall be epoxy grouted in accordance with Section 584 of the Standard Specifications. Minimum embedment = 9".
All reinforcement bars shall be epoxy coated.

**PIER 4 DETAILS
SANGAMON VALLEY TRAIL
OVER OLD JACKSONVILLE ROAD
SVT BRIDGE NO. 12
STRUCTURE NO. 084-9912**

** Contractor shall verify the bearing locations and bearing seat elevations with the Approved Pedestrian Truss Shop Drawings prior to ordering any materials.

CEC Civil and Structural Engineering	Cummins Engineering Corporation	JOB = 2192	DESIGNED	M.D.C.
		FILE = 2192oldjack_sub	CHECKED	A.A.N.
		DATE = 1/8/2010	DRAWN	T.S.H.
			CHECKED	M.D.C.

Sheet 12 of 12	RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	SVT	05-00173-00-BT	SANGAMON	173	87
	SANGAMON VALLEY TRAIL		CONTRACT NO.		
FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT					

93522