



Anchor bolts shall be approved threaded rods placed

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2-ABUTMENTS							

Bar	No.	Size	Length	Shape
h(E)	12	#5	15'-3"	
h1(E)	12	#5	18'-4"	
$h_2(E)$	8	#5	3′-0"	
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v(E)	70	#5	3'-4"	
v1(E)	70	#5	2'-5"	
Concrete Structures			Cu. Yd.	5.7
Reinforcement Bars,			Pound	870
Ероху	Coated		i ounu	670
Bar Splicers			Each	12

NOTES

Install permanent retainers at abutment at west end of abutment cap and temporary retainer at Stage Line prior to grouting Stage I shear keys. After Stage I concrete and concrete wearing surface is poured and cured, the temporary retainer shall be removed. Burn existing anchor bolts flush with existing abutment surface. Grind anchor bolts smooth and seal with epoxy. Install permanent retainer at east end of abutment prior to grouting Stage II shear keys. Cost of retainers, accessories and removal of temporary retainer is included with Precast Prestressed Concrete Deck Beams (27" depth). The side retainers shall be galvanized after shop fabrication according to AASHTO MILL and ASTM 385. Equivalent rolled angle with stiffeners will be allowed in lieu of welded plates for side retainers. ABUTMENT DETAILS F.A. RT. 782 SECTION 111BR-1 GALLATIN COUNTY STATION 355+95.00 STRUCTURE NO. 030-0018 07056-4 COOMBE-BLOXDORF P.C. 4/17/08 Engineers / Land Surveyors DRAWN BY Springfield, Illinois TFG Design Firm License No. 184-002703