



**MIN. BAR LAP:**

- #4 Bars = 1'-8"
- #5 Bars = 2'-2"
- #6 Bars = 2'-7"
- #7 Bars = 3'-5"
- #8 Bars = 4'-6"

**BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
a2(E)	40	#5	30'-1"	—
a5(E)	80	#5	21'-3"	—
a9(E)	20	#4	3'-10"	—
b1(E)	218	#5	3'-9"	⌋
d(E)	12	#4	5'-8"	└
d1(E)	12	#4	3'-8"	└
d2(E)	48	#5	3'-11"	└
Reinforcement Bars, Epoxy Coated		Pound	4,200	
Bar Splicers		Each	40	
Concrete Removal		Cu. Yd.	24	
Concrete Superstructure		Cu. Yd.	28	
Protective Coat		Sq. Yd.	16	
Modular Expansion Joint, 6"		Foot	72	

**NOTES:**  
 See Sht. S17 for Section H-H  
 Work This Sheet With Sht. S17

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 Length of Block Outs, Width of Joints, Number of Reinforcement Bars and Bar Splicers that are needed may vary as required by the Joint Manufacturer

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 The Contractor shall locate and verify the exact location of the boundaries of the existing PPC Plank being removed prior to Saw cutting and removal. The Contractor must adjust Reinforcement based on the actual Joint location. The Contractor shall use extreme care during Concrete Removal to avoid damaging the Adjacent existing PPC Planks that are to remain in place. If the Resident Engineer determines that the existing Planks that are to remain are damaged due to the Contractor's operations, the damaged Planks shall be repaired or replaced at the Contractor's expense.

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 The Existing Conduit will remain. Concrete in the area of the Conduit must be hand removed. The Contractor must take all necessary precautions as not to damage the Existing Conduit in any way, if the Conduit is damaged a new Coupler, Conduit and Utilities must be provided by the Contractor at no additional cost to I.D.O.T. All power to any Utilities going into the Conduit, in the Construction area, must be turned off and such utilities must be temporarily re-routed during Construction. Cost included with Concrete Removal.

Quantity is for Top & Inside Face of Reconstructed Parapets and Median.