

The precast bridge approach slab shall be according to Section 504 of the Standard Specifications and as ammended by the Special Provision for Concrete Deck Beams, and shall be paid for at the contract unit price per square foot for Precast Bridge Approach Slab.

Cast-in-place substitution of Precast Bridge Approach Slab is not allowed. Parapet concrete shall be paid for as Concrete Superstructure. Parapet and wearing surface reinforcement shall be paid for as Reinforcement

Approach footing concrete shall be paid for as Concrete Structures. The top surface of precast bridge approach slabs shall be roughened to a depth of ¹/₄" according to the IDOT "Manual for Fabrication of Precast Prestressed

After precast bridge approach slab has been erected, holes shall be drilled into abutment and anchor dowels placed. Dowel holes shall be filled with non-shrink grout to top of precast slab and allowed to cure fully prior to grouting the longitudinal shear keys.

Two l_{B} " fabric adjusting shims of the dimensions of the exterior bearing pad shall be provided for each bearing pad location. Cost included with Precast Bridge Approach Slab.

A minimum 2 $l_2^{\prime\prime}$ ϕ lifting pins shall be used to engage the lifting loops

Compressive strength of precast concrete, f'c shall be 6,000 psi. For additional parapet details, see sheet SA14.

Any concrete poured monolithically with the wearing surface, such as curbs, will not be paid for separately, but will be included in the cost of Concrete

The strip seal shall be made continuous and shall have a minimum thickness of ${}^{l}_{4}$ ". The strip seal shall extend 6" beyond the edge of the approach slab on each end. The configuration of the strip seal shall match the configuration

of the Locking Edge Rails. The height and thickness of the Locking Edge Rails shown are minimum

dimensions. The actual configuration of the Locking Edge Rails and matching strip seal may vary from manufacturer to manufacturer. Flanged edge rails

The inside of the Locking Edge Rail groove shall be free of weld residue. Locking Edge Rails may be spliced at slope discontinuities and stage

The manufacturer's recommended installation methods shall be followed. All steel components shall be galvanized after fabrication according to Article 520.03 of the Standard Specifications.

Maximum space between rail segments at stage lines shall be ${}^{3}_{16}$ ", sealed with a suitable sealant

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Bar	NO.	Size	Length	Shape	
a12(E)	62	#4	30′-5″	·	
a13(E)	30	#4	7′-5″		
b10(E)	58	#4	29′-8″		
b11(E)	7	#4	14′-8″		
d3(E)	34	#5	5′-7″	Ŋ	
d4(E)	34	#5	5′-11″	L	
d5(E)	16	#4	3′-6″		
e12(E)	16	#4	14′-8″		
e13(E)	2	#8	14′-8″		
t(E)	58	#4	9′-8″		
w1(E)	80	#5	30′-6″		
Concrete Superstructure			Cu. Yd.	3.9	
Concrete Structures			Cu. Yd.	26.6	
Reinforcement Bars,			Paulod	6.030	
Epoxy Coated			Founa	0,230	
Precast Bridge Approach Slab			Sq. Ft.	1638	
Concrete Wearing Surface, 5"			Sq. Yd.	191	
Preformed Joint Strip Seal			Foot	59	

BILL OF MATERIAL

ΡE	A	M
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B DETAILS (3 OF 3)	F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
5_1510	373	(0707-608&611)HB-B	COOK	177	89	
-1310			CONTRACT	NO. 60	W77	
43 SHEETS	ILLINOIS FED. AID PROJECT					