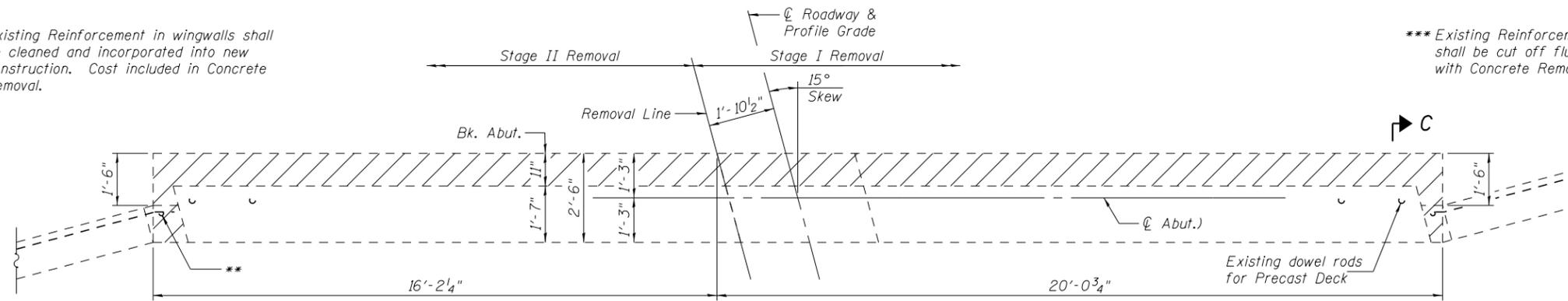


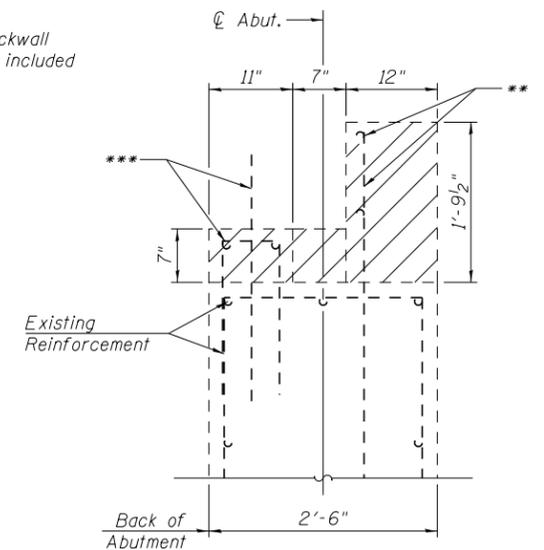
\*\* Existing Reinforcement in wingwalls shall be cleaned and incorporated into new construction. Cost included in Concrete Removal.

\*\*\* Existing Reinforcement in backwall shall be cut off flush. Cost included with Concrete Removal.



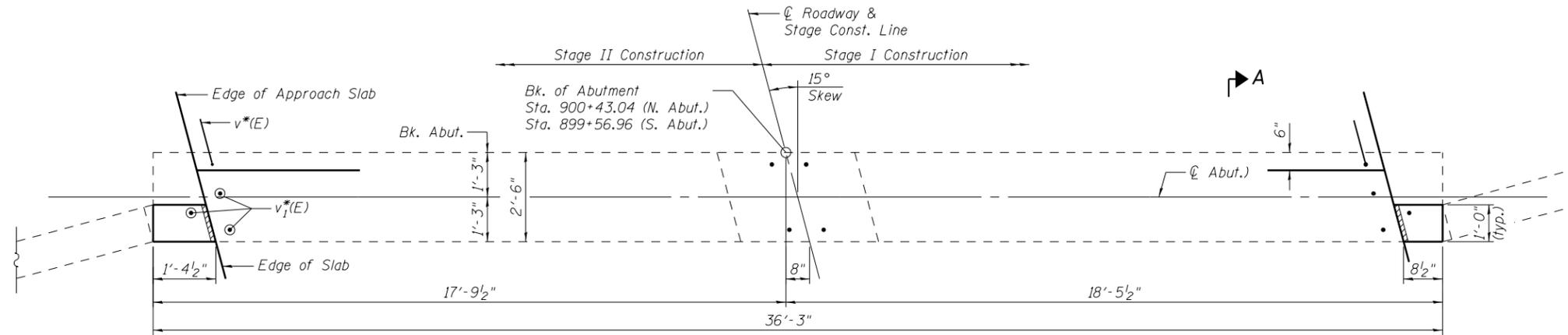
**REMOVAL PLAN**

(Stage Removal Line at North Abutment shown  
Stage Removal Line at South Abutment similar)



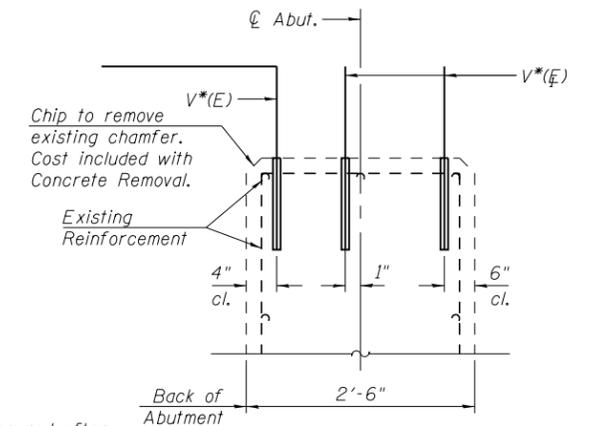
**SECTION C-C**

(Showing Removal)  
(Dimensions at right angles)



**PLAN**

(Stage Construction Line at North Abutment shown  
Stage Construction Line at South Abutment similar)

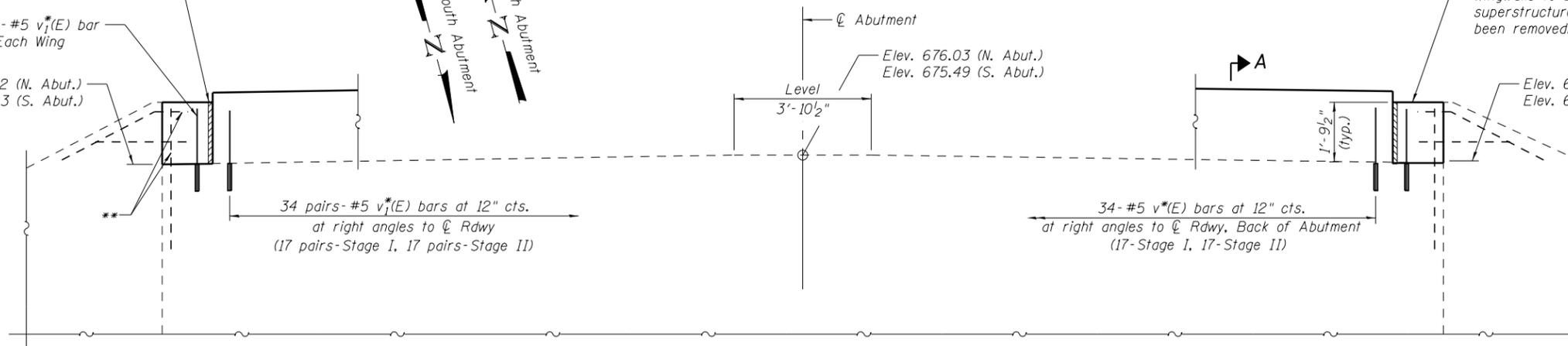


**SECTION A-A**

(Showing Proposed Reinforcement)  
(Dimensions at right angles)

Provide 1" PJF between bridge slab and existing wing. Cost included with Concrete Superstructure.

1- #5  $v_1^*(E)$  bar  
Each Wing  
Elev. 675.82 (N. Abut.)  
Elev. 675.23 (S. Abut.)

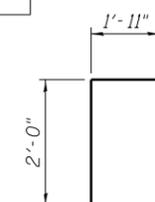


**ELEVATION**

(Looking North - N. Abut.  
Looking South - S. Abut.)

Wingwalls to be poured after superstructure forms have been removed.

Elev. 675.75 (N. Abut.)  
Elev. 675.27 (S. Abut.)



**BAR  $v^*(E)$**

**TWO (2) ABUTMENTS**

**BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
$v_1^*(E)$	68	#5	3'-11"	┌
$v_1^*(E)$	140	#5	2'-3"	—
Reinforcement Bars, Epoxy Coated			Pound	610
Concrete Removal			Cu. Yd.	1.8
Concrete Structures			Cu. Yd.	0.3

All bars designated with an asterisk (ex:  $v_1^*(E)$ ) shall be epoxy grouted in accordance with Section 584 of the Standard Specifications. Minimum embedment = 9". Locate bars to miss existing reinforcement.

Burn or cut the existing dowel rods flush with existing bearing seat. Grind dowel rods smooth and seal with epoxy. The cost of this work shall be included with Removal of Existing Superstructure.

Hatched area indicates Concrete Removal.