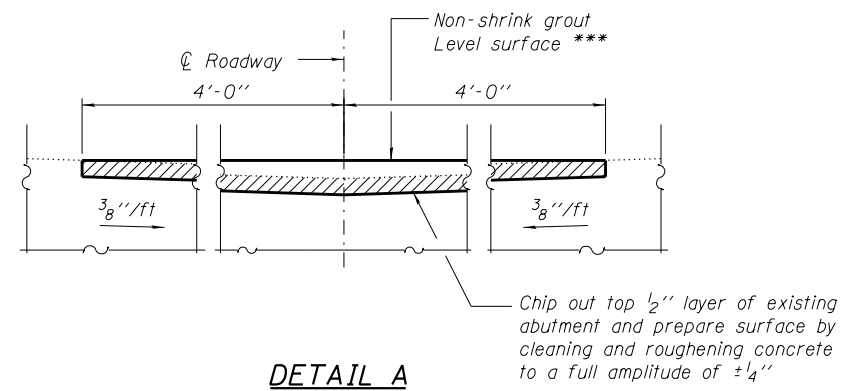


SIDE RETAINER DETAIL

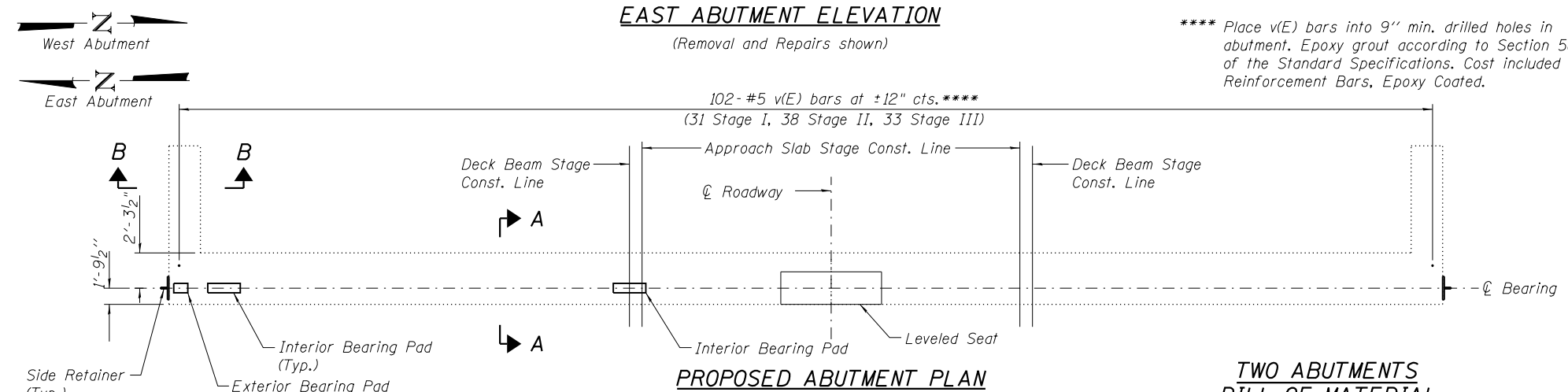
* Anchor bolts shall be approved threaded rods placed in drilled holes and grouted in place. Cost of retainer and accessories are included with Precast Prestressed Concrete Deck Beams (21" Depth).

** Galvanize according to AASHTO M 111 and ASTM 385.



DETAIL A

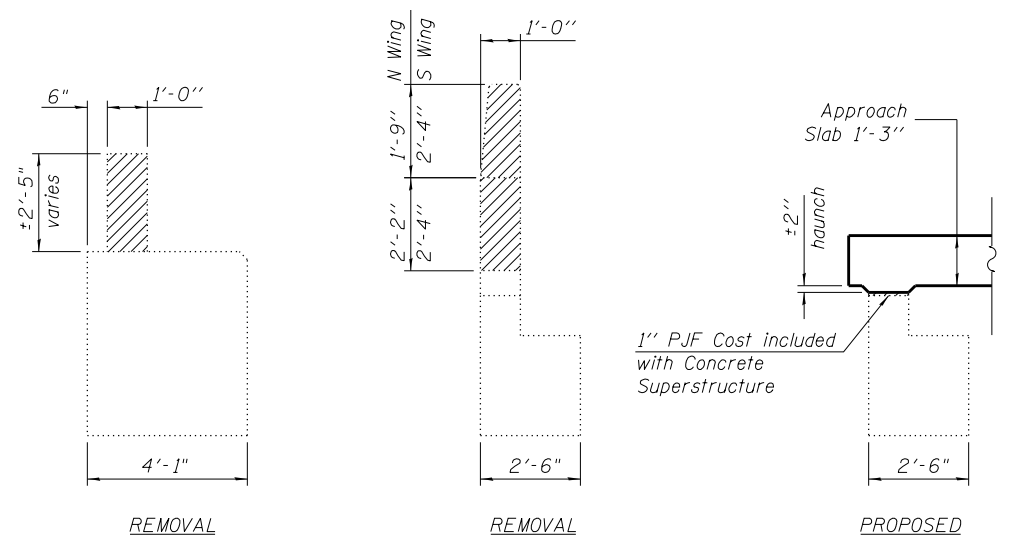
*** Cost of surface preparation and non-shrink grout placement are included with Precast Prestressed Concrete Deck Beams (21" Depth).



**** Place v(E) bars into 9" min. drilled holes in abutment. Epoxy grout according to Section 584 of the Standard Specifications. Cost included with Reinforcement Bars, Epoxy Coated.

**TWO ABUTMENTS
BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
v(E)	204	#5	2'-9"	—
Concrete Removal			Cu. Yd.	22.8
Asbestos Bearing Pad Removal			Each	52
Reinforcement Bars, Epoxy Coated			Pound	590
Epoxy Crack Injection			Foot	6
Slope Wall Crack Sealing			Foot	14



SECTION A-A
See sheet S12 of S26 for proposed Section A-A.

SECTION B-B

- Legend:**
- Concrete Removal
 - 1'-6" Epoxy Crack Injection
 - HR Hairline Crack - not to be sealed
 - 6' Slope Wall Crack Sealing

Notes:

See sheet S15 of S26 for bearing pad details.

Existing reinforcement shall be cleaned and incorporated into the new construction. Cost included with Concrete Removal.

Any reinforcement bars that are damaged during concrete removal operations shall be repaired or replaced using an approved bar splicer or anchorage system. Cost included with Concrete Removal.

Repairs shown are based upon observations performed in 2008 and are for Bidding Purposes only. Actual areas and quantities to be repaired shall be determined by the Engineer in the field at the time of construction.

See Recurring Special Provision check sheet no. 6 for asbestos bearing pad removal.