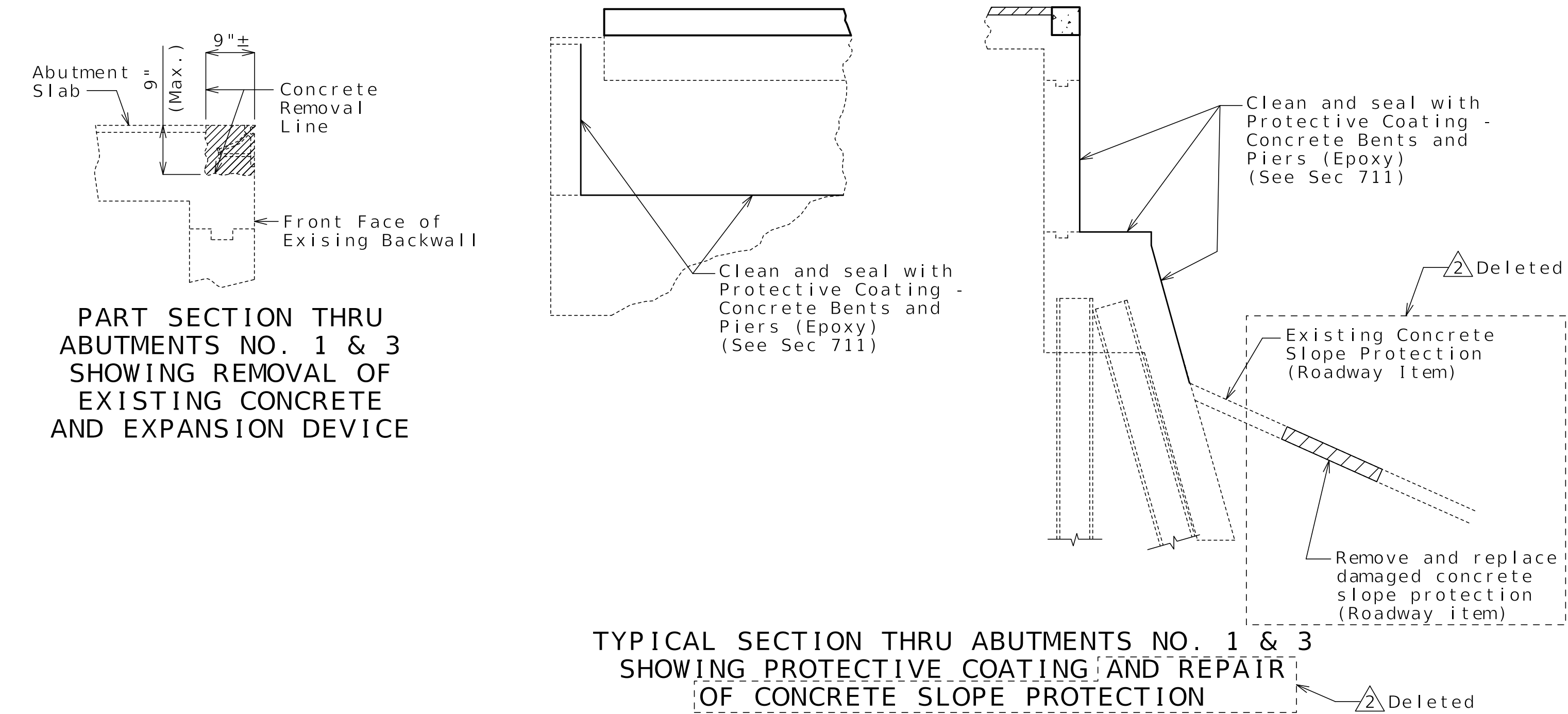




General Notes:

Stay-In-Place Forms:

Corrugated steel forms, supports, closure elements and accessories shall be in accordance with grade requirement and coating designation G165 of ASTM A653. Complete shop drawings of the permanent steel deck forms shall be required in accordance with Sec 1080.

Corrugations of stay-in-place forms shall be filled with an expanded polystyrene material. The polystyrene material shall be placed in the forms with an adhesive in accordance with the manufacturer's recommendations.

Form sheets shall not rest directly on the top of girder flanges. Sheets shall be securely fastened to form supports with a minimum bearing length of one inch on each end. Form supports shall be placed in direct contact with the flange. Welding on or drilling holes in the girder flanges will not be permitted. All steel fabrication and construction shall be in accordance with Sec 1080 and 712. Certified field welders will not be required for welding of the form supports.

The design of stay-in-place corrugated steel forms is per manufacturer which shall be in accordance with Sec 703 for false work and forms. Maximum actual weight of corrugated steel forms allowed shall be 4 psf assumed for girder loading.

Pouring and Finishing Slab:

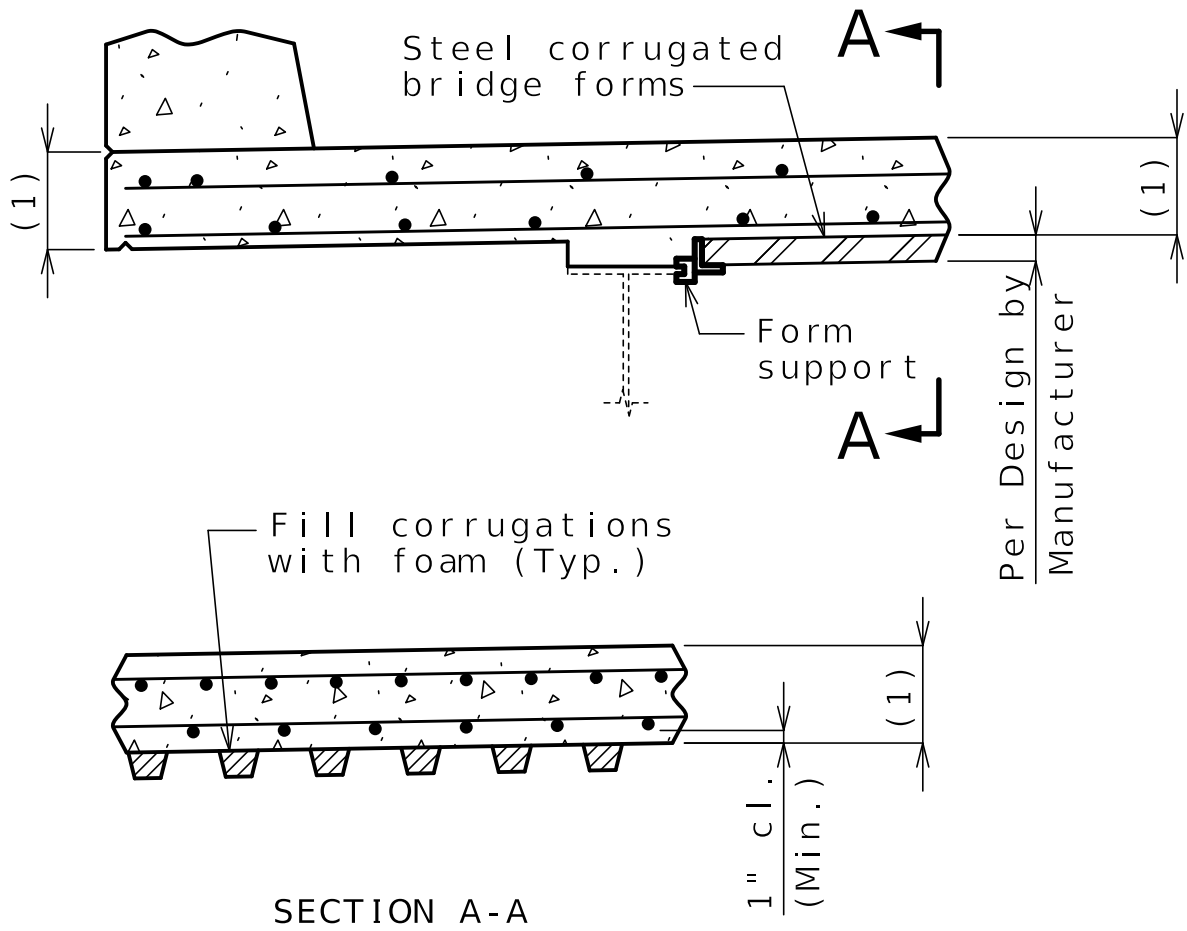
The contractor shall provide bracing necessary for lateral and torsional stability of the girders during construction of the concrete slab and remove the bracing after the slab has attained 75% design strength. Contractor shall not weld on or drill holes in the girders. The cost for furnishing, installing, and removing bracing will be considered completely covered by the contract unit price for Slab on Steel.

Slab shall be poured upgrade from end to end at a minimum rate of 25 cubic yards per hour.

Alternate pour sequences may be submitted to the engineer for approval. Keyed construction joints shall be provided between pours.

Haunching:

(1) Slab is to be considered a uniform thickness as shown on the plans. See front sheet for slab thickness.



OPTIONAL STAY-IN-PLACE FORM DETAILS

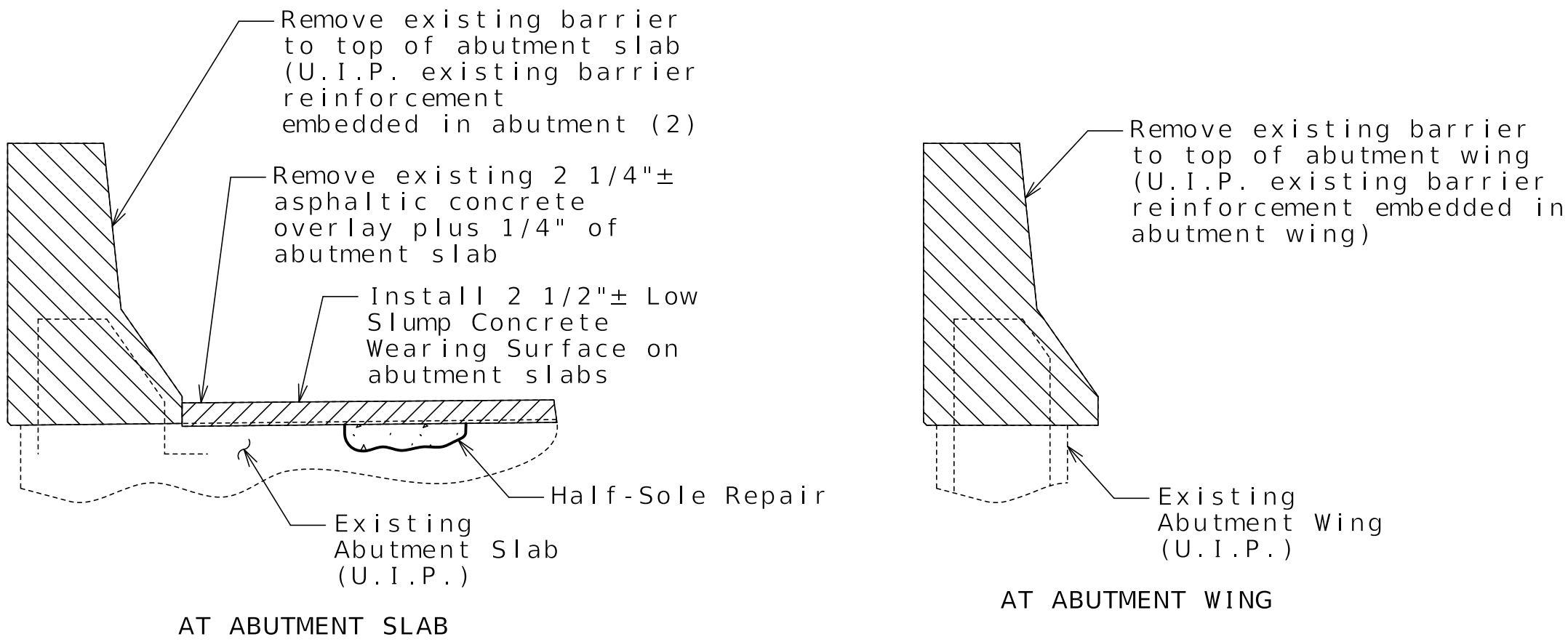
Resin Anchor Notes:

The contractor shall use one of the qualified resin anchor systems in accordance with Sec 1039.

Cost of furnishing and installing the resin anchor systems, complete in place, will be considered completely covered by the contract unit price for Bridge Approach Slab (Major).

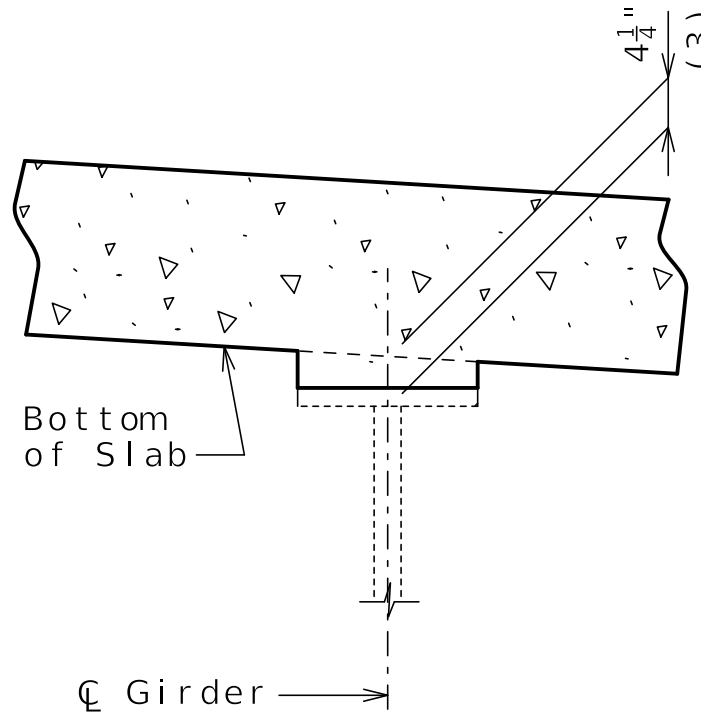
The minimum embedment depth in concrete with f'c = 4,000 psi for the resin anchor systems shall be that required to meet the minimum ultimate pullout strength in accordance with Sec 1039.

An epoxy coated #5 Grade 60 reinforcing bar shall be substituted for the 5/8-inch diameter rod for Resin Anchor System B.



PART SECTION SHOWING REMOVAL OF BARRIER, SLAB REPAIR, AND OVERLAY REPLACEMENT AT ABUTMENTS NO. 1 & 3

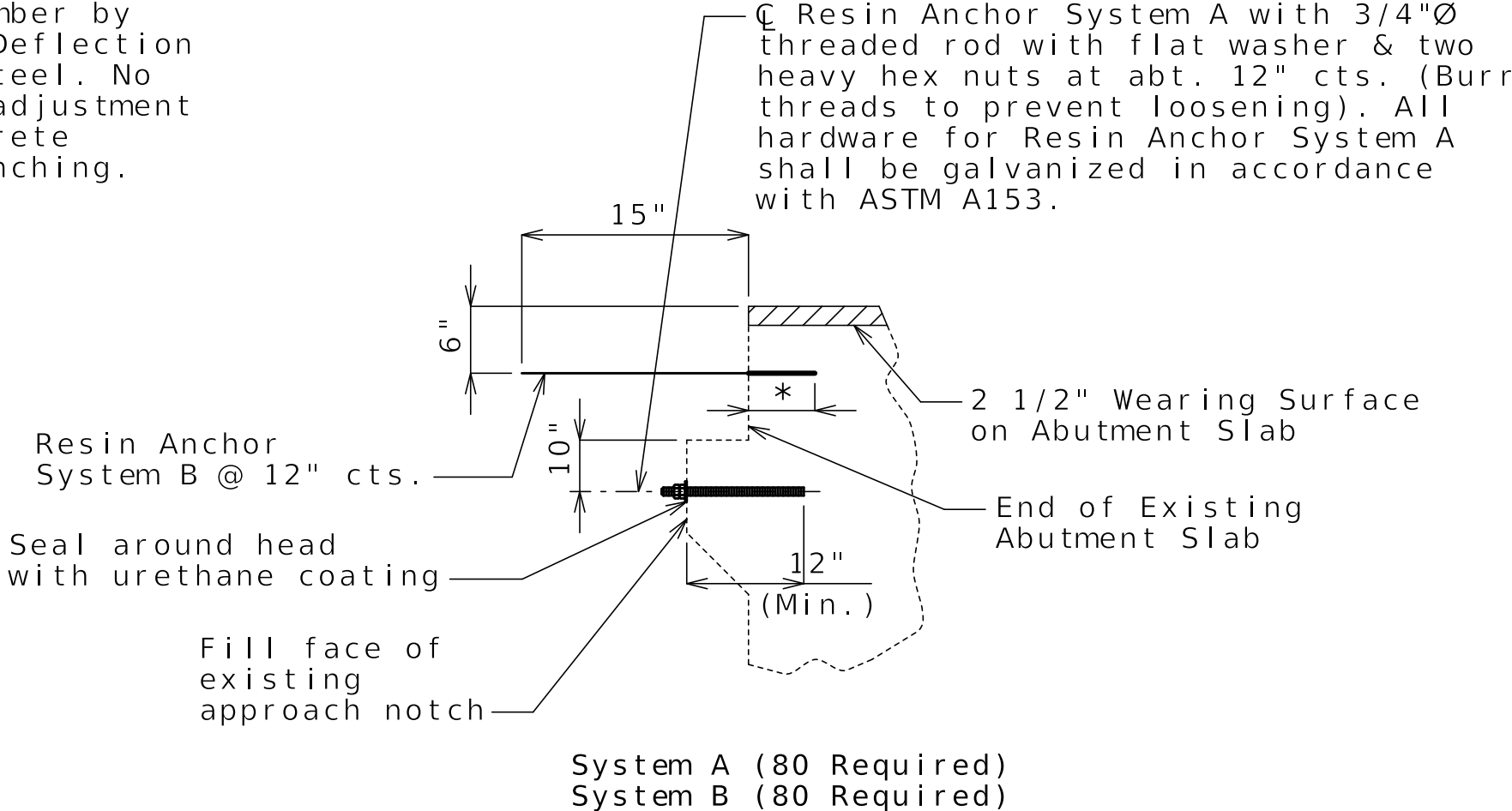
(2) Where necessary, cut existing reinforcement at roadway face of barrier. Bend remaining portion of bar and U.I.P.



THEORETICAL SLAB HAUNCH

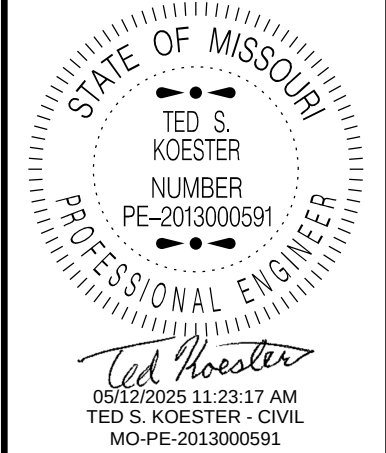
(3) 1 3/4 inches was added to existing haunch depth to account for raising of grade. Dimension (bottom of slab to top of web) may vary if girder camber after erection differs from plan camber by more than the % of Dead Load Deflection due to weight of structural steel. No payment will be made for any adjustment in forming or additional concrete required for variation in haunching.

PART SECTION THRU ABUTMENT NO. 1 SHOWING SUBSTRUCTURE REPAIR



DETAILS OF RESIN ANCHOR SYSTEMS AT APPROACH NOTCH

* Manufacturer's recommended embedment length (5 inches minimum)



DATE PREPARED 5/12/2025	
ROUTE 169	STATE MO
DISTRICT BR	SHEET NO. 2
COUNTY CLAY	
JOB NO. JKU0039	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO. A33332	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)