

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED
12/30/2008
ROUTE STATE
DISTRICT SHEET NO.
COUNTY
JOB NO.
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

GENERAL NOTES:

All concrete for the modified bridge approach slab shall be in accordance with Sec 503 (f'c = 4,000 psi).

All joint filler shall be in accordance with Sec 1057 for preformed fiber expansion joint filler, except as noted.

The reinforcing steel in the modified bridge approach slab shall be uncoated Grade 60 with Fy = 60,000 psi, except as shown.

Minimum clearance to reinforcing steel shall be 1 1/2", unless otherwise shown.

The reinforcing steel in the modified bridge approach slab shall be continuous. The transverse reinforcing steel may be made continuous by lap splicing the bars 21" min.

Plain or deformed welded wire fabric of same strength and area per foot of slab may be substituted with the approval of the engineer. Sheets of WWF shall be lapped in accordance with CRSI.

Mechanical bar splices shall be in accordance with Sec 706.

(* Seal joint between vertical face of modified bridge approach slab and wing with "Silicone Joint Sealant for Saw Cut and Formed Joints" in accordance with Sec 717.

The contractor shall pour and satisfactorily finish the bridge or semi-deep slab before pouring the modified bridge approach slab.

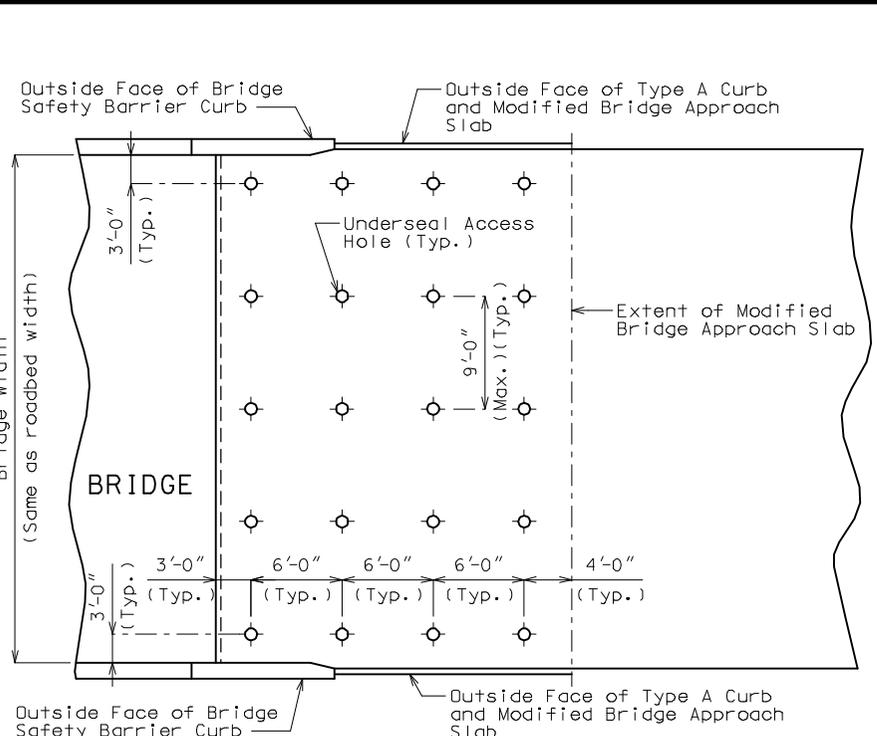
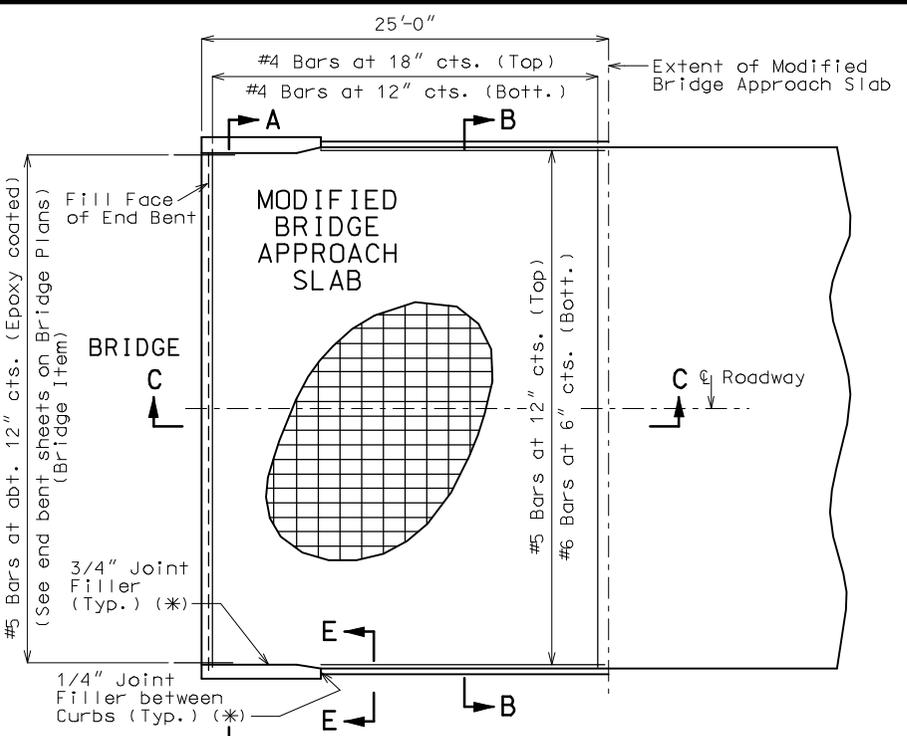
Longitudinal joints in modified bridge approach slab shall be aligned with longitudinal construction joints in bridge or semi-deep slab.

Payment for furnishing all materials, labor and excavation necessary to construct the modified bridge approach slab, Type 5 aggregate base, joint filler and all other appurtenances and incidental work as shown on this sheet, complete in place, will be considered completely covered by the contract unit price for Modified Bridge Approach Slab per square yard.

See Missouri Standard Plans Drawing 609.00 for details of Type A Curb.

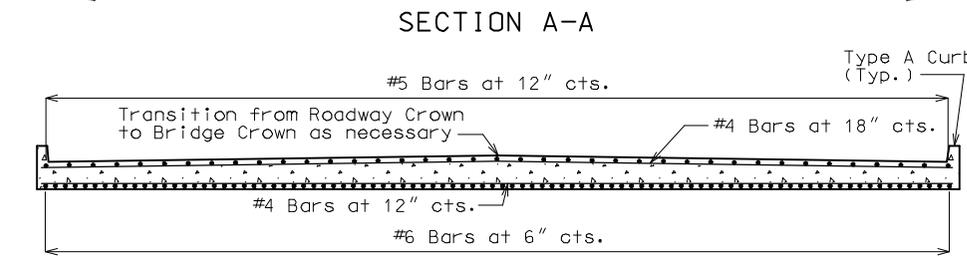
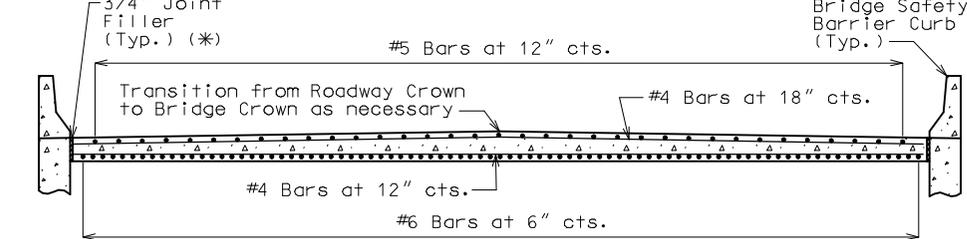
At the contractor's option, Grade 40 reinforcement may be substituted for the Grade 60 #5 dowel bars connecting the modified bridge approach slab to the bridge abutment. No additional payment will be made for this substitution.

When Grade 40 reinforcement is substituted for the Grade 60 #5 dowel bars connecting the modified bridge approach slab to the bridge abutment, the reinforcement may be bent up to 90 degrees with a 2" minimum radius near the abutment to allow compaction of the backfill material near the abutment. Damage to epoxy coating shall be repaired in accordance with Sec 710.



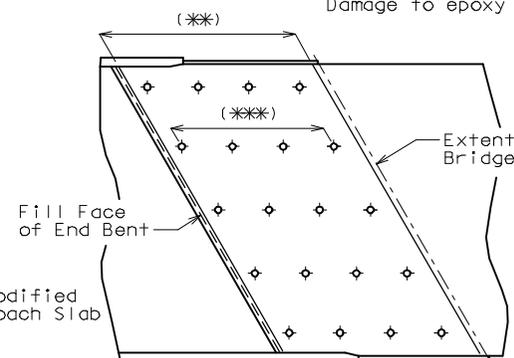
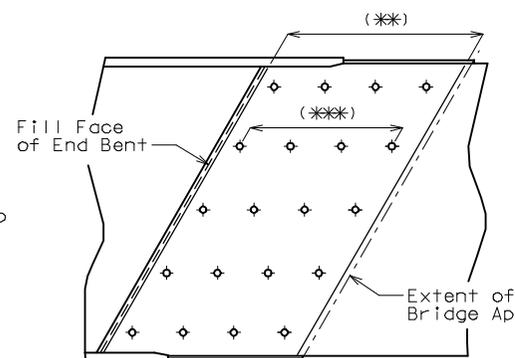
PART PLAN SHOWING REINFORCEMENT (SQUARE STRUCTURE SHOWN)

PART PLAN (SHOWING TYPICAL UNDERSEAL ACCESS HOLE LOCATIONS) (SQUARE STRUCTURE SHOWN)



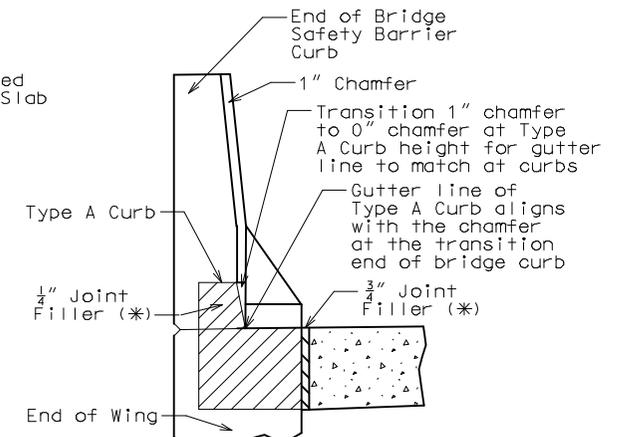
SECTION A-A
SECTION B-B

Note: With the approval of the engineer, the contractor may crown the bottom of the approach slab to match the crown of the roadway surface.

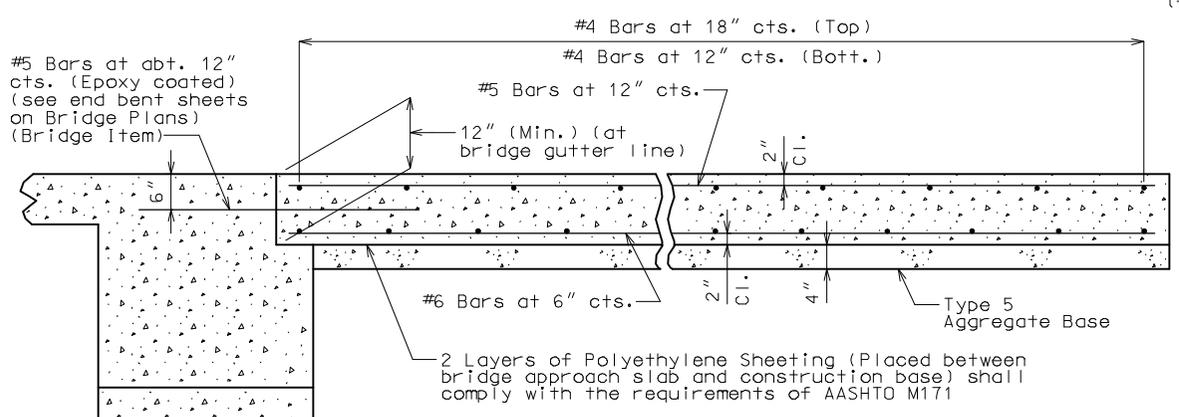


LEFT ADVANCED STRUCTURE
RIGHT ADVANCED STRUCTURE
PART GENERAL PLANS OF SKEWED STRUCTURES

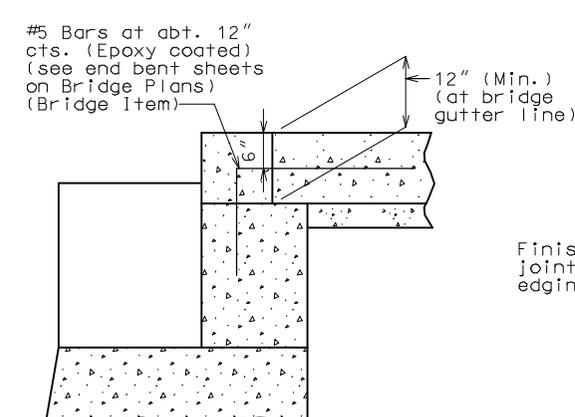
(**) Transverse reinforcing bars shall be placed parallel to End Bents,
 (***) Underseal access holes shall be laid out parallel to End Bents.



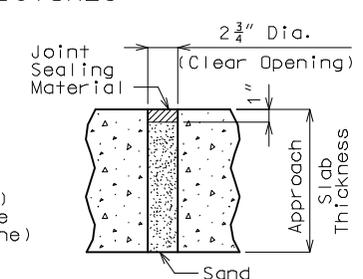
SECTION E-E (BETWEEN CURBS)



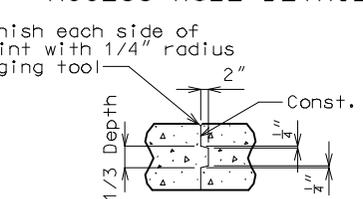
SECTION C-C (INTEGRAL END BENT SHOWN)



PART SECTION C-C (NON-INTEGRAL END BENT SHOWN)



TYPICAL UNDERSEAL ACCESS HOLE DETAIL



CONST. JOINT DETAIL (IF REQUIRED)

MODIFIED BRIDGE APPROACH
SPECIAL SHEET