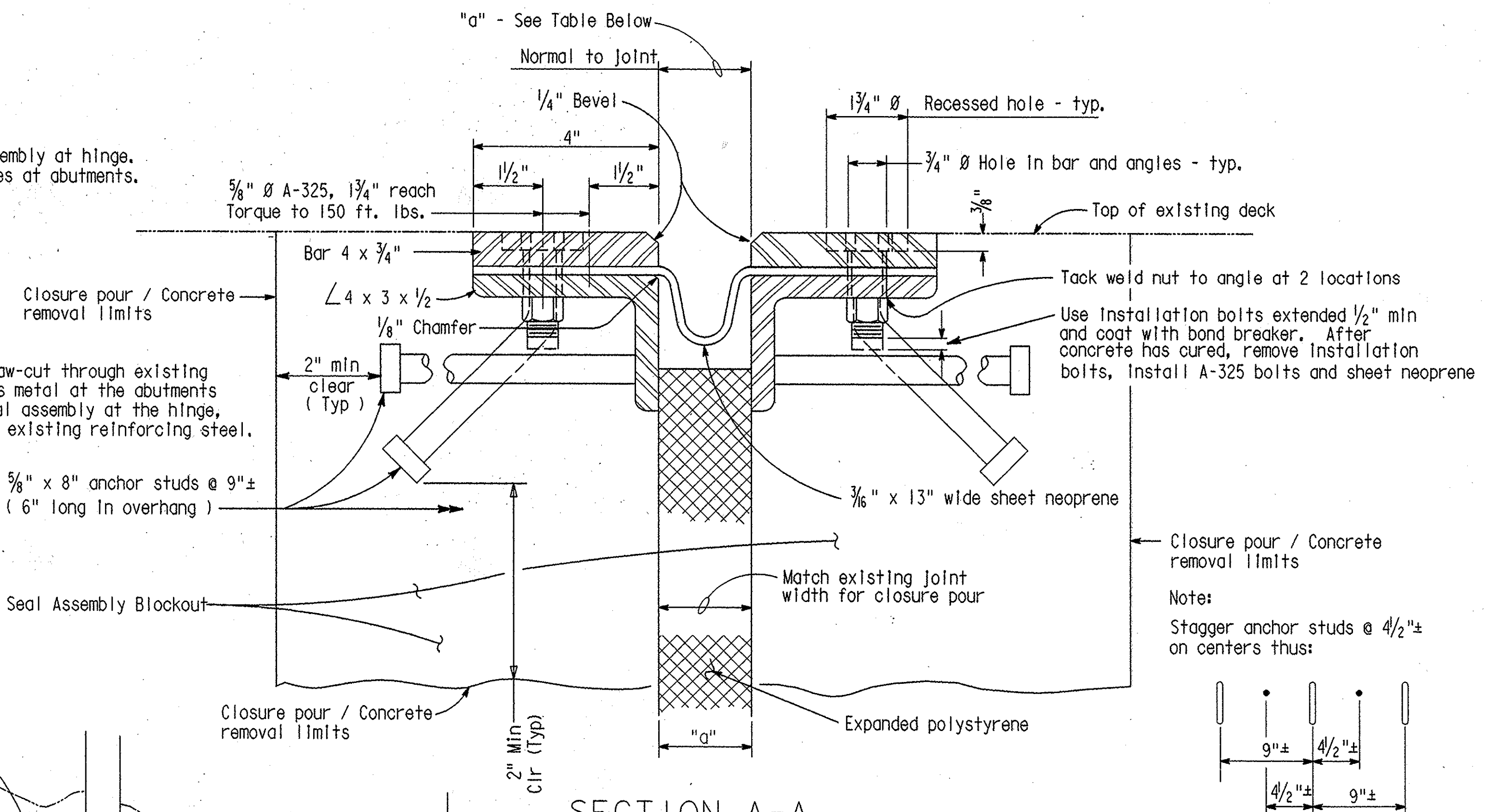
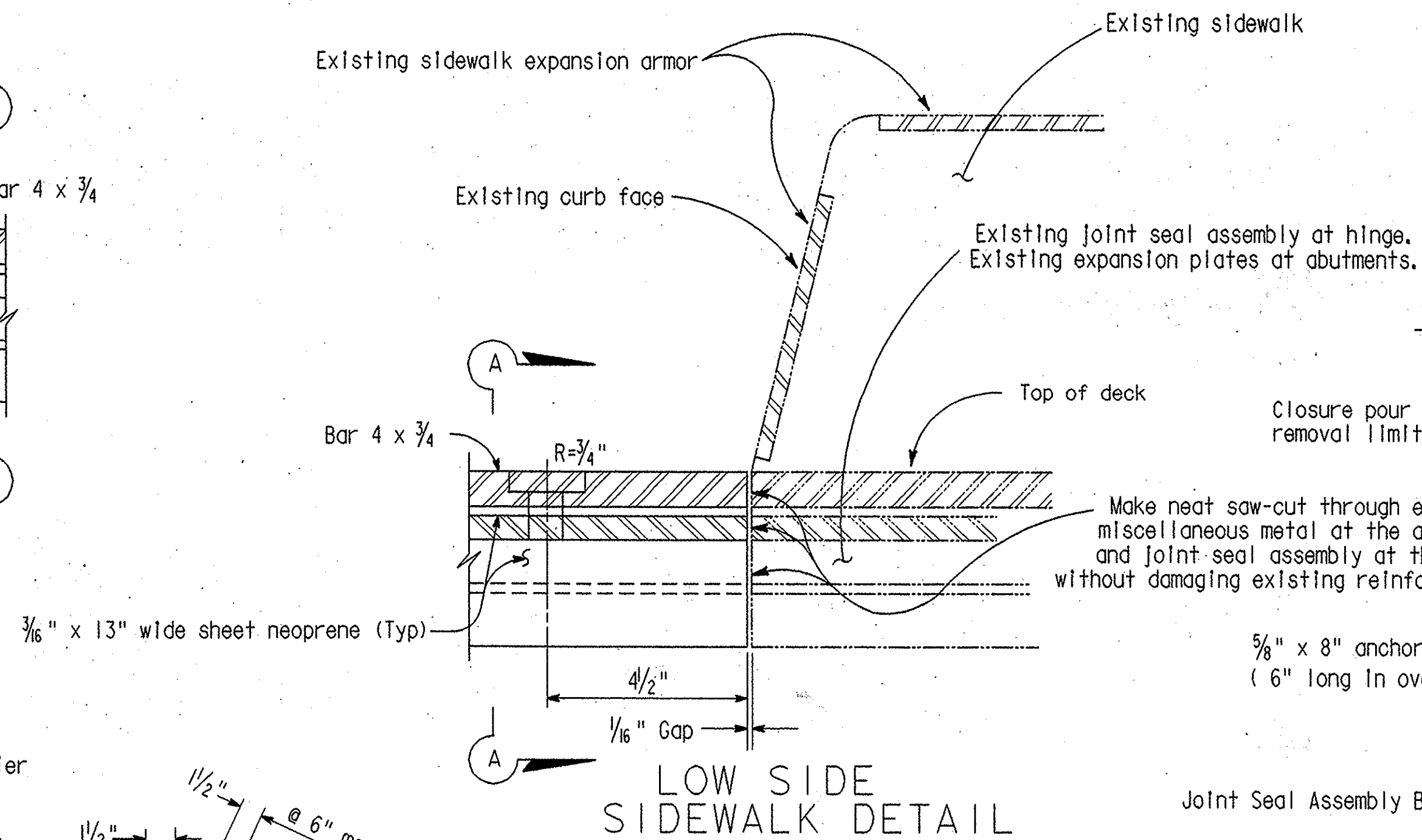
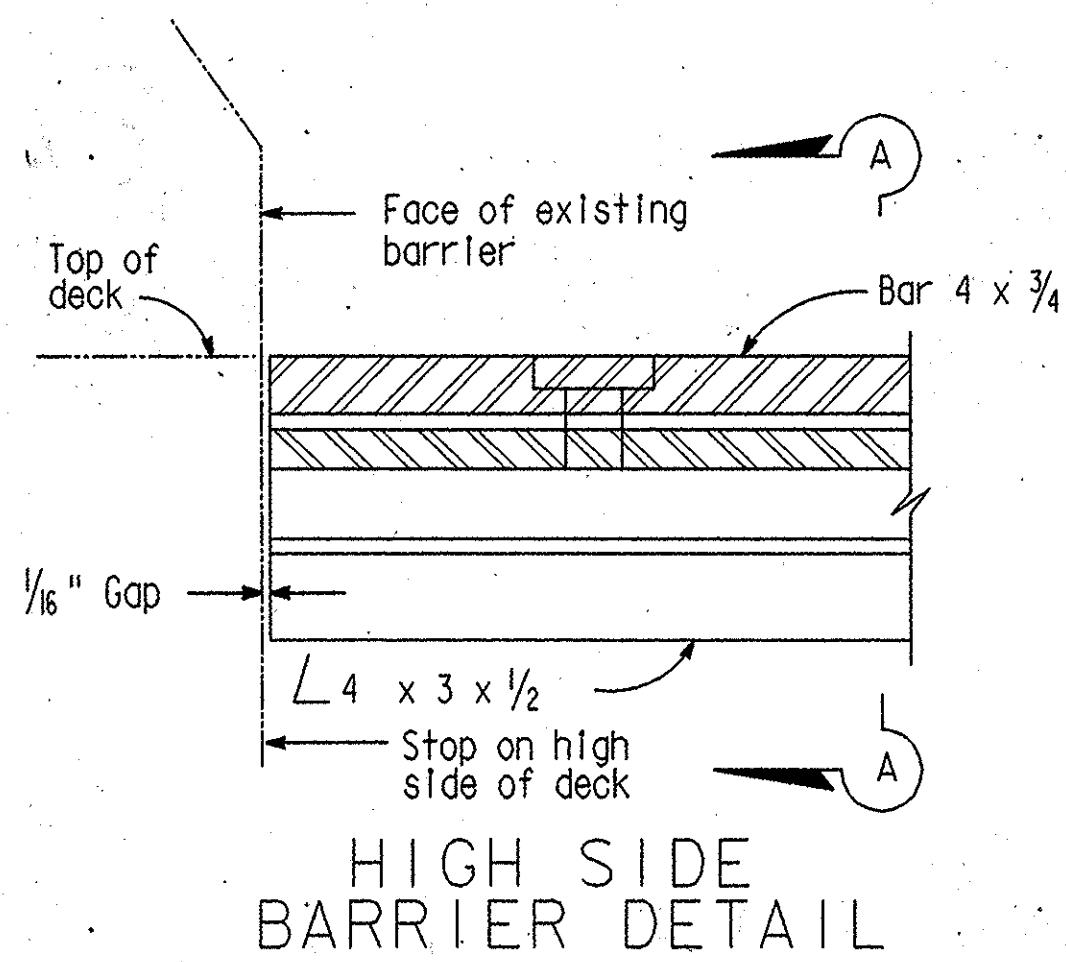




Joint Information			"a" Dimensions			Notes
Location	Movement Rating (MR)	Skew	Winter	Spring & Fall	Summer	
Abut 1	3"	21.67 deg	3"	2 1/4"	1 1/2"	Assumption: Hinge Locked Up and No Further PS Shortening
Abut 8	3"	30 deg	3"	2 1/4"	1 1/2"	
Hinge	3"	30 deg	Match Existing Jt Width (1 1/2" ±)			Assumption: No Further PS Shortening

NOTES:

Full penetration butt welds may be substituted for fillet welds on all anchor studs. Alternate types of anchor studs may be permitted subject to the approval by the Engineer. Joint seal assembly to be used in conjunction with blockout & closure pour. (See "Abutment Details No. 2" sheet and "Hinge Details" sheet and this sheet for limits).

Use joint at crown of roadway, at any change in transverse slope in deck and at changes in horizontal direction. Place other joints either on a lane line or at a lane centerline. All metal parts to be galvanized after fabrication.

Sheet neoprene shall be fabricated in one continuous piece or joints shall be vulcanized. Neoprene shall be fabricated to bend around corners. 1" holes in neoprene sheets shall be drilled or punched so that the neoprene is not distorted at the time of installation.

NOTE A

Insert assembly or expansion anchorage for 5/8" x 1 3/4" A-325 bolt.

RECORD DRAWING

HIGH SIDE BARRIER DETAIL

Limits of removal of existing joint seal assembly & blockout concrete at hinge.
Limits of removal of existing expansion plates & joint seal assembly blockout concrete at abutments.

Dimension measured along the skew at centerline of joint:
69'-5 3/4" ± at Abut 1
64'-4 1/2" ± at Abut 8 & Hinge

ABUTMENT 1 JOINT ABUTMENT 8 SIMILAR

Existing joint cover plates not shown for clarity

HINGE JOINT

Existing expansion plate to be removed (Typ). See "Abutment Details" sheet. Far plate not shown for clarity.

PLAN BOLT & PLATE LAYOUT

NOTES:

- Splices shall be located either on a lane line or at the centerline of a traffic lane.
- Concrete Strength: All concrete shall be f'c=5000 psi at 28 days

LOW SIDE SIDEWALK DETAIL

Portion of Existing Expansion Plates to Remain in Place (Typ)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

0 1 2 3

ORANGE COUNTY PUBLIC FACILITIES AND RESOURCES DEPARTMENT		
JOINT SEAL ASSEMBLY DETAILS		
DESIGNED: Rich Holmgren	CHECKED: Ed Kwon	SHEET 6 OF 6
DRAWN: Rich Holmgren	DATE: 7/12/00	DRAWING NO.
SCALE: AS SHOWN	DATE: 7/12/00	DRAWING NO.
PREPARED UNDER RESPONSIBLE CHARGE OF: Richard W. Holmgren, Jr. No. C-04207 Exp. 3/31/04 CIVIL STATE OF CALIFORNIA 9/13/00		