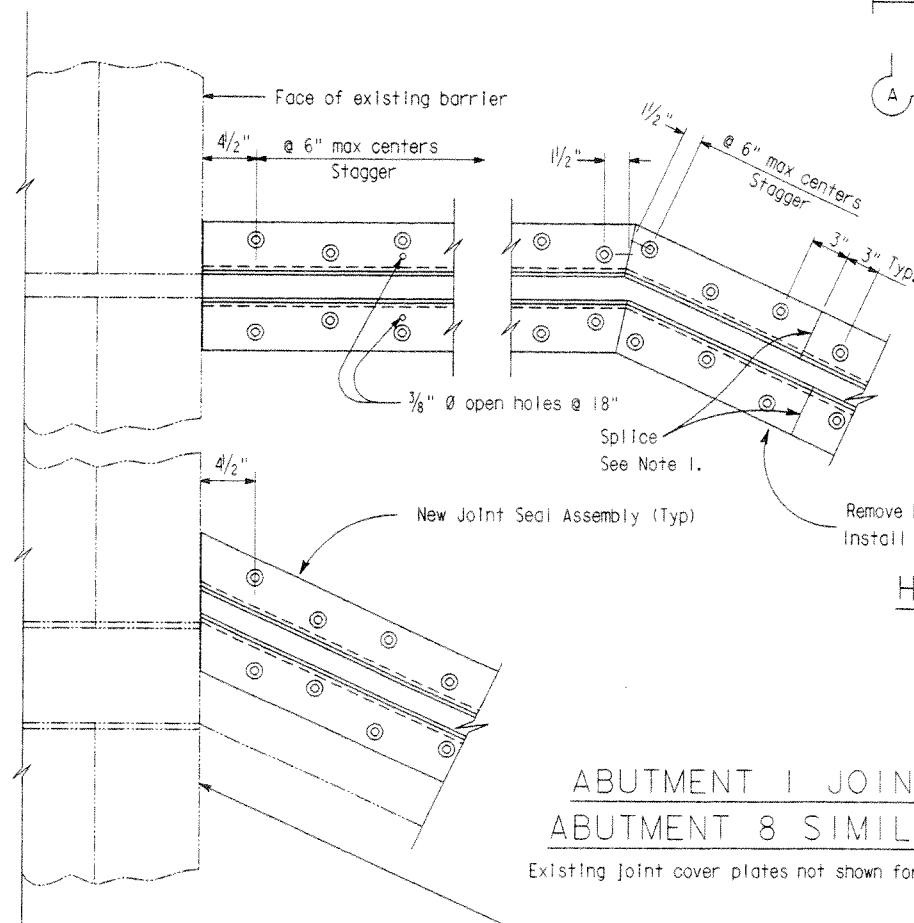
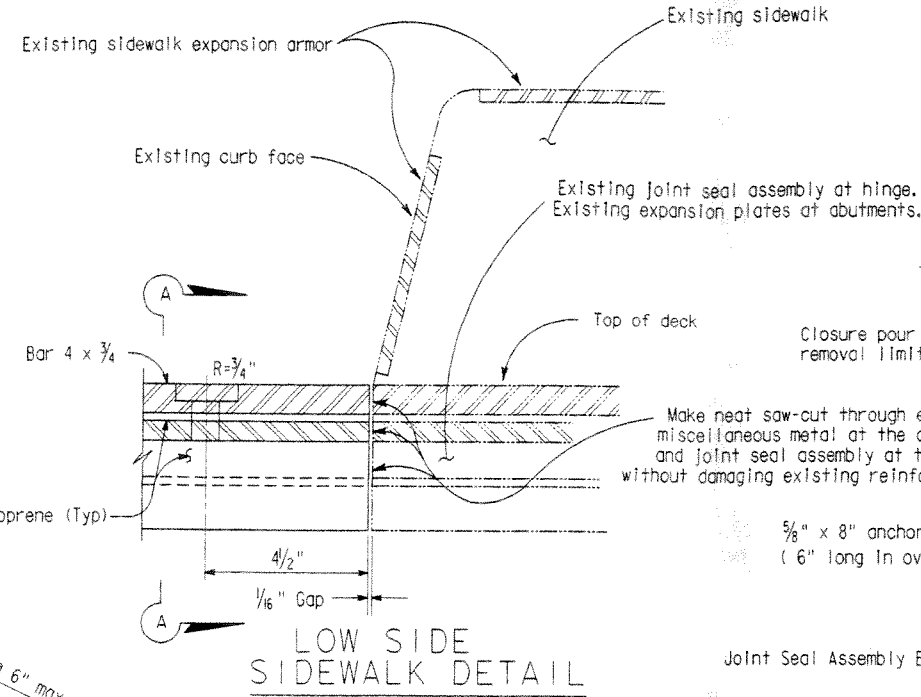
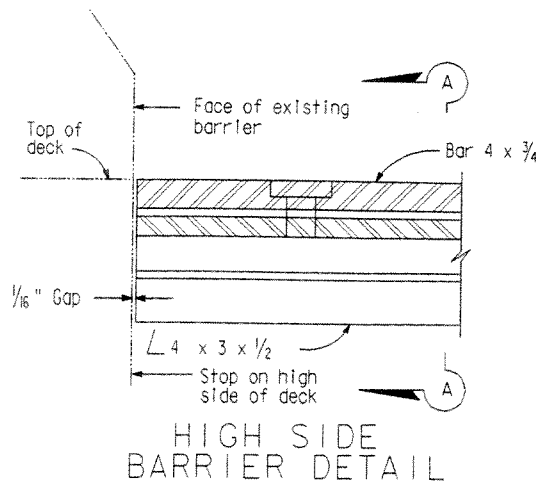




HIGH SIDE BARRIER DETAIL

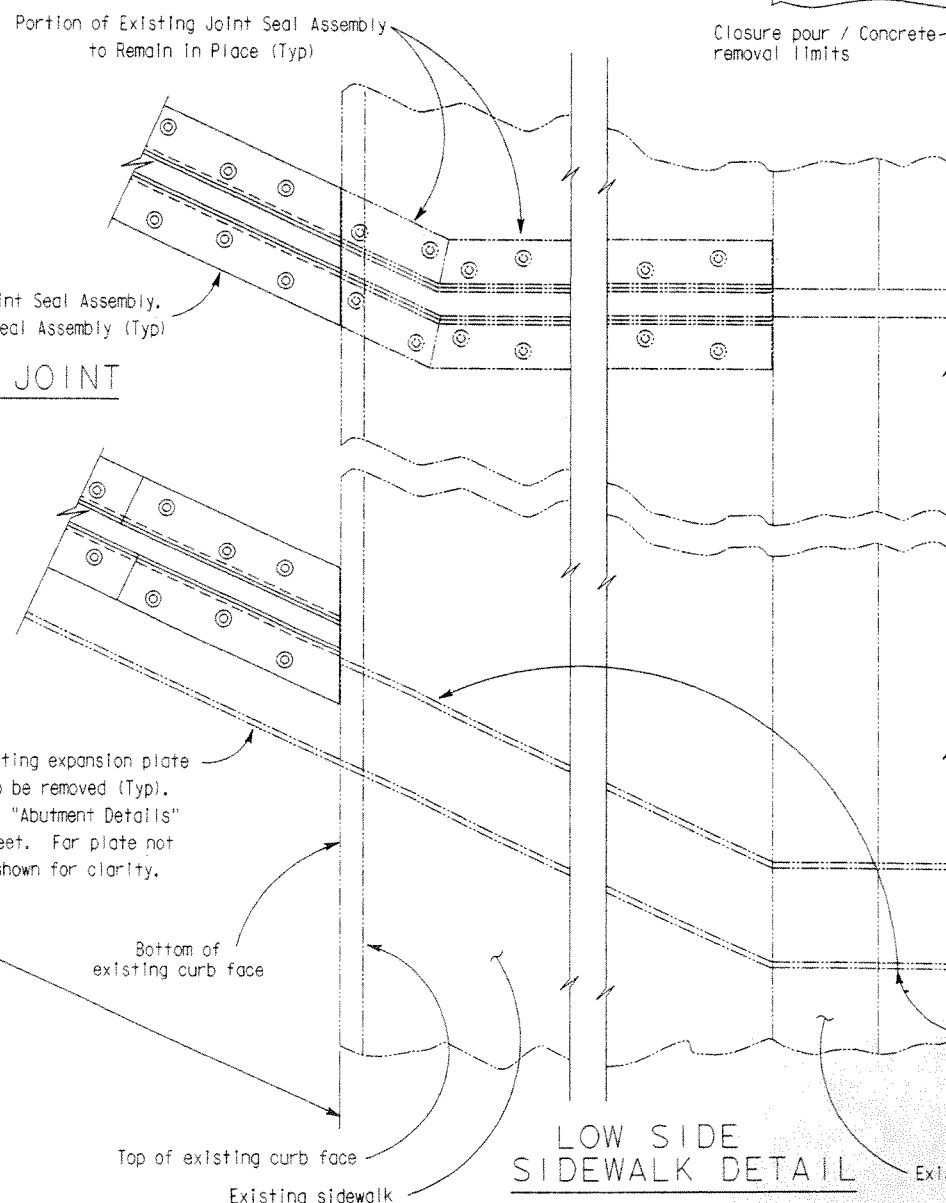
Limits of removal of existing joint seal assembly & blackout concrete at hinge.
Limits of removal of existing expansion plates & joint seal assembly blackout concrete at abutments.
Dimension measured along the skew at centerline of joint:
69'-5 3/4" ± at Abut 1
64'-4 1/2" ± at Abut 8 & Hinge

PLAN BOLT & PLATE LAYOUT

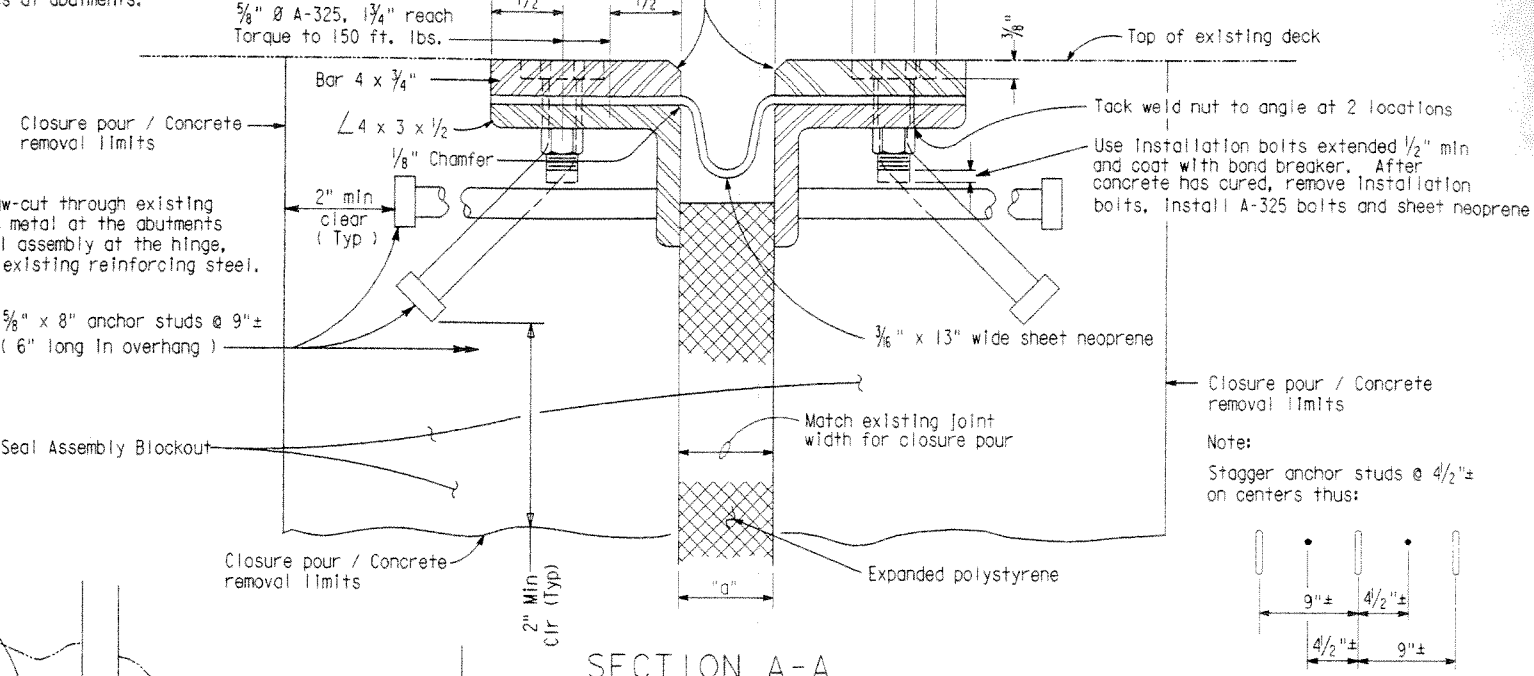
NOTES:

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

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS



LOW SIDE SIDEWALK DETAIL



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 blackout & 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 1/4 A-325 bolt.

ORANGE COUNTY PUBLIC FACILITIES AND RESOURCES DEPARTMENT		JOINT SEAL ASSEMBLY DETAILS	
MARK	DATE	DESCRIPTION	
REVISIONS			
PREPARED UNDER RESPONSIBLE CHARGE OF:			
DESIGNED	DATE	CHECKED	DATE
DRAWN	DATE	CHECKED	DATE
SCALE	AS SHOWN	DRAWING NO.	DATE
SHEET		OF	
6		6	