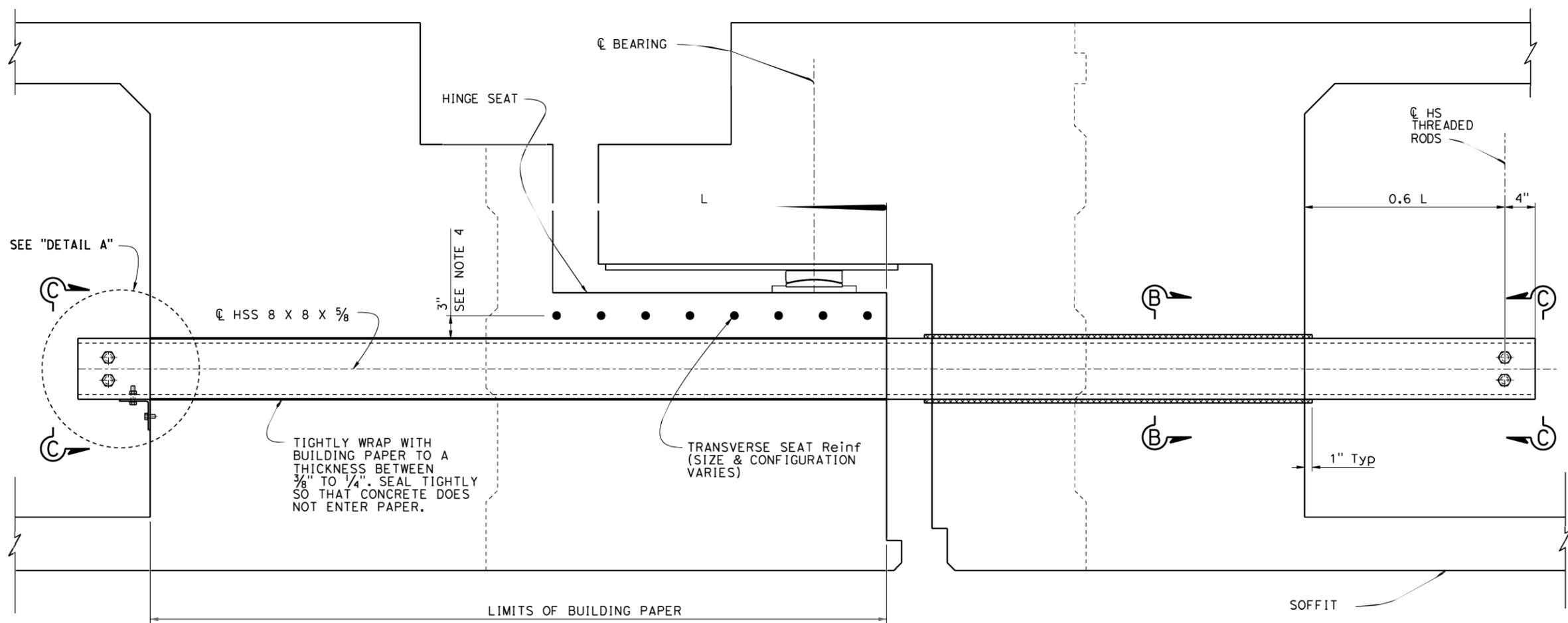
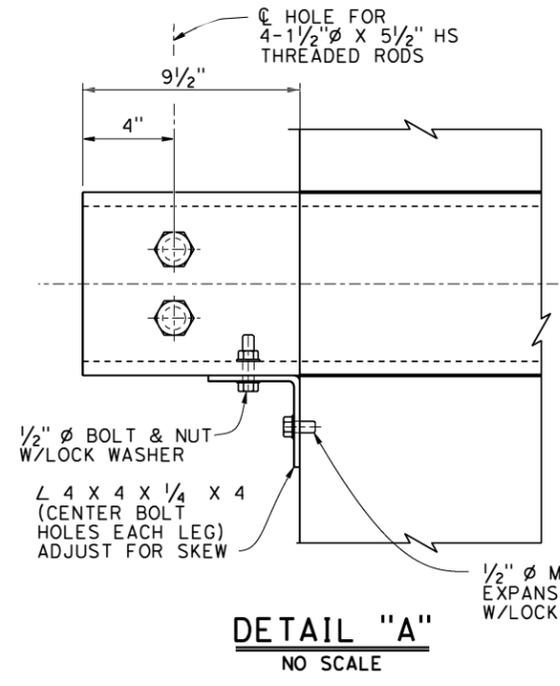


Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
DDDD	CCCC	RRRR	PPPP	????	####
REGISTERED CIVIL ENGINEER			X	DATE	
MM/DD/YYYY					
PLANS APPROVAL DATE					
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>					
<small>THE REGISTERED CIVIL ENGINEER FOR THE PROJECT IS RESPONSIBLE FOR THE SELECTION AND PROPER APPLICATION OF THE COMPONENT DESIGN AND ANY MODIFICATIONS SHOWN.</small>					

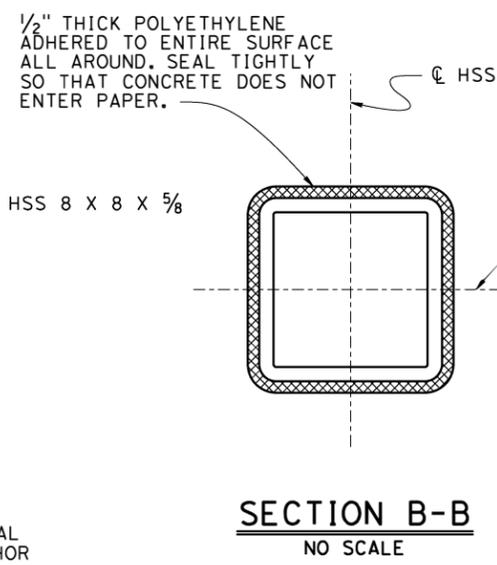


SHEAR KEY ELEVATION
NO SCALE

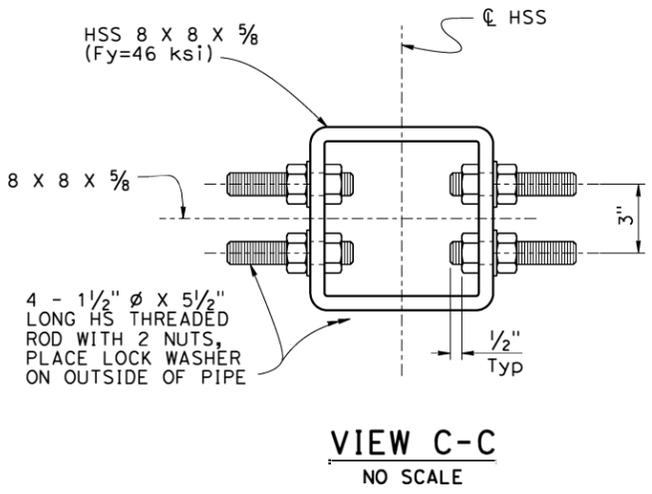
- NOTES:
- Galvanize HSS 8" X 8" X 5/8" and L 4 X 4 bracket. Paint inside drilled holes, ends and outside surfaces of tubing that are not galvanized with zinc rich primer.
 - Use thread locking system for all fasteners. Torque nuts on threaded rods to 300 ft-lb min.
 - Polyethylene must have compressive strength of at least 10 psi with a deflection between 5 percent and 15 percent when tested under ASTM D3575, Suffix B.
 - Place HSS 3" below the lower seat main transverse reinf.
 - Place HSS in line with girders. Align all HSS parallel to each other.
 - Adjust reinforcement to accommodate HSS and allow 1" clear min. to reinforcing.
 - This drawing is for the installation of the HSS Shear Key. For joint details and other hinge details refer to contract plans.



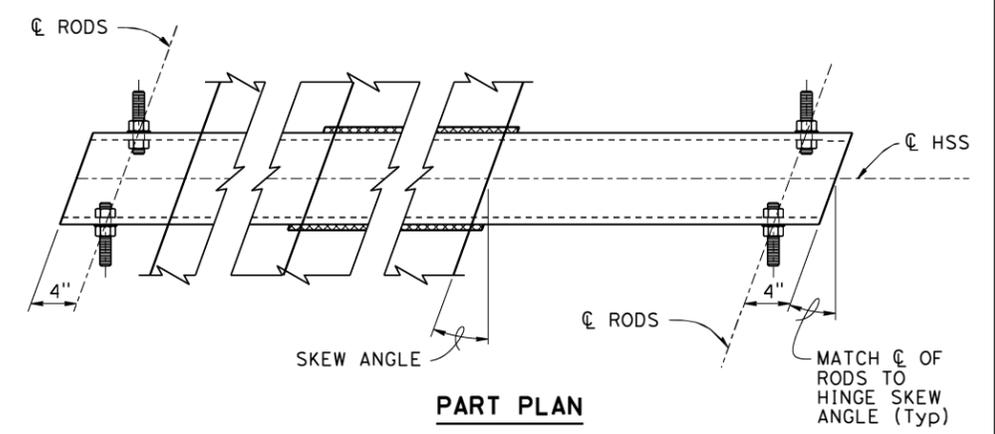
DETAIL "A"
NO SCALE



SECTION B-B
NO SCALE



VIEW C-C
NO SCALE



PART PLAN
BRIDGES WITH SKEWS
NO SCALE

BRIDGE STANDARD DETAILS			STATE OF CALIFORNIA		DIVISION OF ENGINEERING SERVICES		BRIDGE No. X		HINGE TRANSVERSE SHEAR KEY (NEW)		
x87-085	January 2021	The components of the Bridge Standard Details have been prepared under the responsible charge of the Technical Owner, a registered civil engineer in the State of California.	DEPARTMENT OF TRANSPORTATION		ENGINEERING SERVICES		POST MILE X				
Refer to: http://www.dot.ca.gov/hq/esc/techpubs/manual/bridgemanuals/bridge-standard-detail-sheets/index.html			DATE PLOTTED => #DATE	TIME PLOTTED => #TIME	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	UNIT: X	PROJECT NUMBER & PHASE: X	CONTRACT No.: X	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES	SHEET OF
			FILE => #REQUEST	USERNAME => #USER	0 1 2 3					1-16-18 2-16-21 02-11-21	X X