

- NOTES:
- . Core 10"Ø hole parallel to girders for 8"Ø XX-Strong pipe.
- . Place pipe $\frac{3}{4}$ " down from top of cored hole along the entire length and grout annulus space around the support end of pipe prior to placing bolster concrete. Seal end of grouted region to prevent grout from entering hinge opening.
- . Adjust bolster reinforcement to accommodate bridges with skews.
- . If equalizer bolts are encountered, adjust cored hole horizontally to clear bolts by 6".
- . Galvanize 8"Ø XX-Strong pipe. Paint inside drilled holes, ends, and outside surfaces of pipe that are not galvanized with zinc rich primer.
- . Block out bolsters to allow drainage of soffit vents as needed.
- . Use thread locking system. Torque to 300 ft-lb minimum.
- . Adjust C of drilled hole for HS Threaded Rods so the tip of Rod has 2" minimum cover concrete.



LEGEND:
----- Existing Structure

BRIDGE STANDARD DETAILS		DESIGN	BY X	CHECKED X	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION				BRIDGE No.		X 135 kip PIPE SEAT EXTENDER (RETROFIT)																				
xs7-083 FILE No.	AUGUST 2026 APPROVAL DATE	DETAILS	BY X	CHECKED X					XX-XXXX																						
		QUANTITIES	BY X	CHECKED X					POST MILE X.X																						
Refer to: http://www.dot.ca.gov/hq/esc/techpubs/manual/bridgemanuals/bridge-standard-detail-sheets/index.html		DATE PLOTTED => 6-AUG-2026 FILE => xs7-083.dgn			TIME PLOTTED => 11:12 USERNAME => s148360			ORIGINAL SCALE IN INCHES FOR REDUCED PLANS		0		1		2		3		UNIT: XXXX PROJECT NUMBER & PHASE: XXXXXXXXXX1		COUNTY/ROUTE /ZONE: XXX/XXX/X CONTRACT No.: XX-XXXXX4		DISREGARD PRINTS BEARING EARLIER REVISION DATES		07-22-26				X		X	