

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS

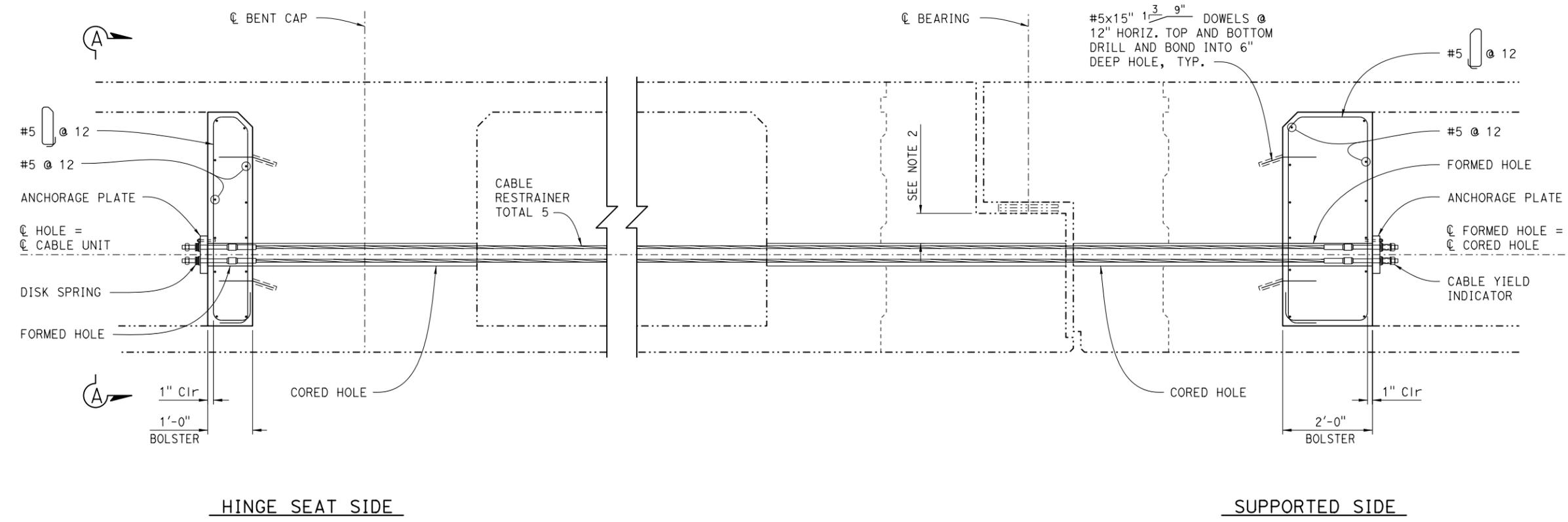
REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

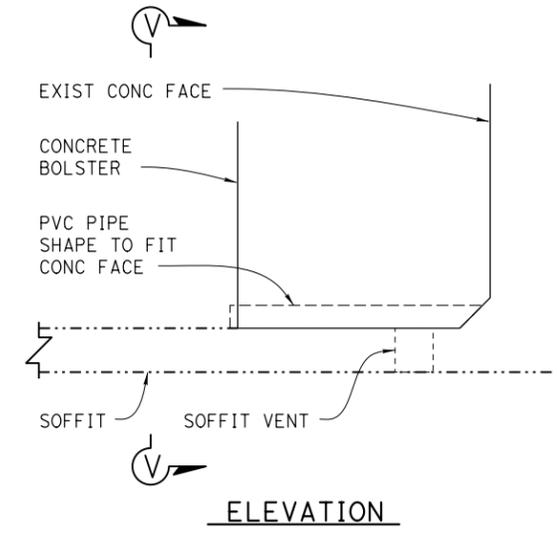
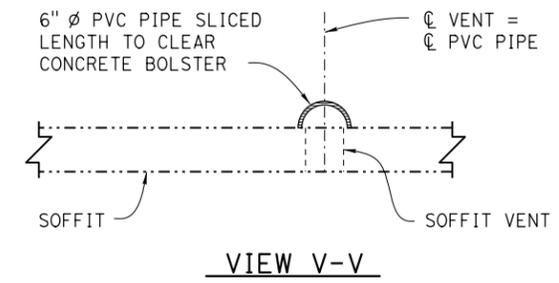
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The Registered Civil Engineer for the project is responsible for the selection and proper application of the component design and any modifications shown.

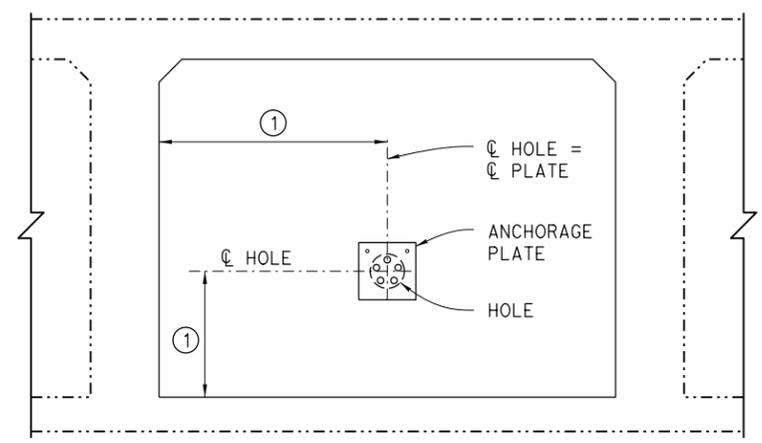
REGISTERED PROFESSIONAL ENGINEER
No. _____
Exp. _____
CIVIL
STATE OF CALIFORNIA



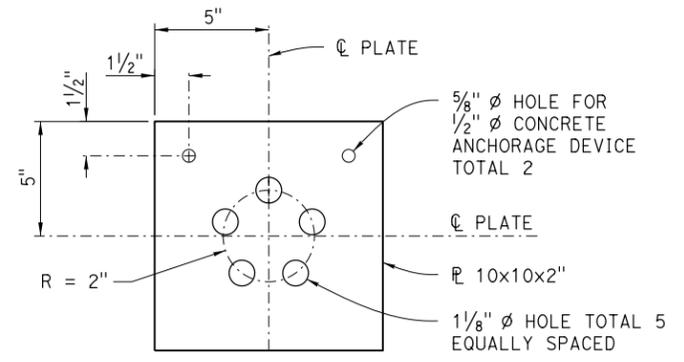
RESTRAINER RETROFIT ON AN EXISTING STRUCTURE
3/4" = 1'-0"



Existing soffit vents must remain open. Where concrete bolster interferes, place a PVC pipe extension or similar device, size to be approved by the Engineer.



① For Location of hole, see Structure Plans.



ANCHORAGE PLATE
3" = 1'-0"

Notes

1. The Formed and Cored Holes must be 6" Ø and must be aligned to form a straight line the entire length of the restrainers and be parallel to the \varnothing girder. The Top of Hole must be 2" below the seat's top main reinf. During construction, hole ends must be capped to prevent debris intrusion.
2. The Bearing surface must be perpendicular to girders.
3. For Cable Restrainer and Hardware details see: XS7-090, "Cable Restrainer Hardware Details" sheet.
4. Reinforcement not shown.

----- Indicates existing structure.

VENT EXTENSION
4" = 1'-0"

BRIDGE STANDARD DETAILS		NOTES TO DESIGNER Remove these notes at PS&E Place Restrainers between bearings.	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION			DIVISION OF ENGINEERING SERVICES		BRIDGE NO.	CABLE RESTRAINER TYPE 1 (RETROFIT)
FILE NO. xs7-041	APPROVAL DATE July 2014		BRIDGE NO.	POST MILE	UNIT: PROJECT NUMBER & PHASE:		CONTRACT NO.:		
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.		FILE => xs7-041.dgn USERNAME => s136236	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	TIME PLOTTED => 07:27	DATE PLOTTED => 12-JUL-2016	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES	SHEET	OF
			0			4-19-14	7-8-16		