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

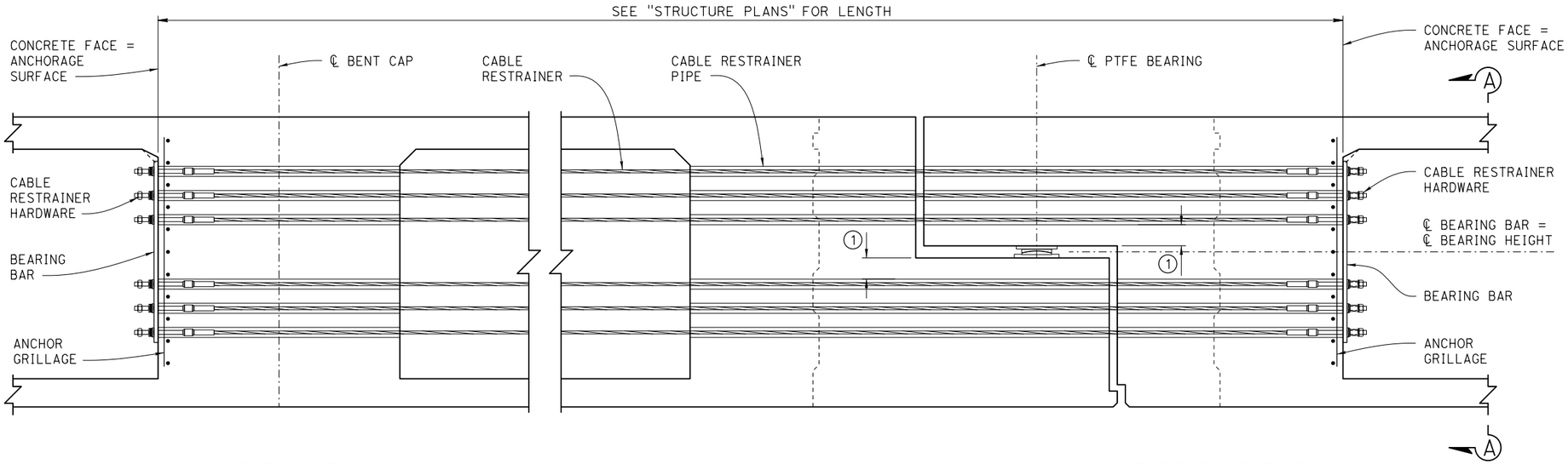
REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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.

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



HINGE SEAT SIDE

SUPPORTED SIDE

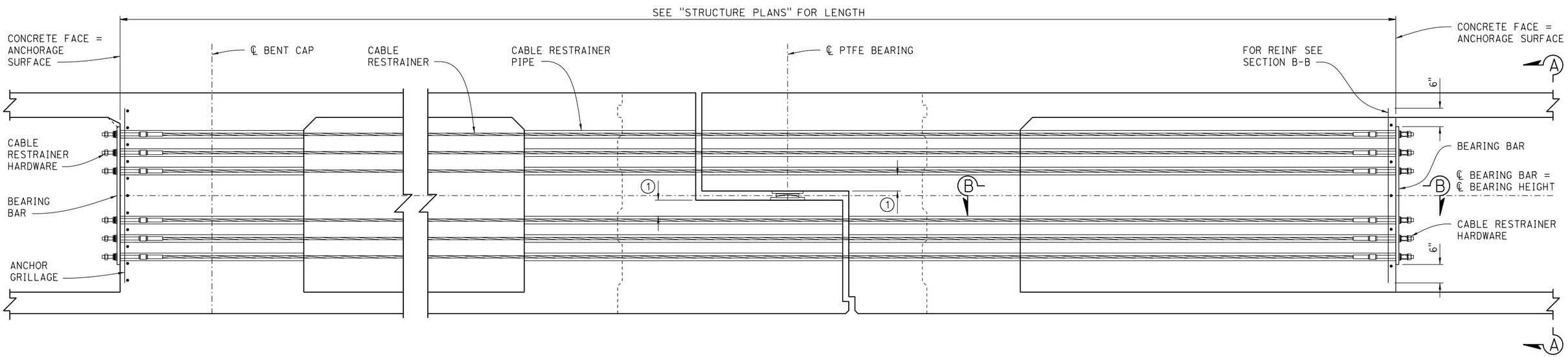
CABLE HINGE RESTRAINER TYPE 2-A

3/4" = 1'-0"

Notes:

1. Cable Restrainer Pipes must be 2½" std galvanized pipe. The Pipes must be aligned to form a straight line the entire length of the restrainers and must be parallel to the ℄ girder. The pipes must not extend beyond the concrete faces and shall have smooth edges to prevent damage to restrainers. During construction pipe ends shall be capped to prevent debris intrusion.
2. Anchorage surface must be perpendicular to the girder.
3. For View A-A, Section B-B and Anchorage details see: XS7-050-2, "Cable Restrainer Type 2 Details No.2 (New)" sheet.
4. For Cable Restrainer and Hardware details see: XS7-090, "Cable Restrainer Hardware Details" sheet.
5. Reinforcement not shown.

(1) Place pipes 2" clear from main hinge reinforcement.



HINGE SEAT SIDE

SUPPORTED SIDE
(Standard Anchorage shown)

CABLE HINGE RESTRAINER TYPE 2-B

3/4" = 1'-0"

BRIDGE STANDARD DETAILS

xs7-050-1	July 2016	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 NO.	APPROVAL DATE	

Refer to: http://www.dot.ca.gov/hq/esc/techpubs/manual/bridgemanuals/bridge-standard-detail-sheets/index.html

FILE => xs7-050-1.dgn
USERNAME => s136236 TIME PLOTTED => 07:27 DATE PLOTTED => 12-JUL-2016

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

BRIDGE NO.

POST MILE

CABLE RESTRAINER TYPE 2 DETAILS No.1 (NEW)

UNIT:
PROJECT NUMBER & PHASE:
CONTRACT NO.:

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES			SHEET	OF
6-18-14	7-8-16			