



**LEGEND:**

\* Dimension must be 1'-6" above top of Bridge Deck or FG (including overlay). Increase lower beam (curb) height by 2" Max to match overlay depth if overlay is placed in the same contract.

\*\* Dimension from top of bridge deck to top of backside of lower beam (curb) is determined by bridge cross-slope and by thickness of deck overlay due to increase in lower beam (curb) height by 2" max to match overlay depth if placed on the same contract.

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

REGISTERED CIVIL ENGINEER DATE X

PLANS APPROVAL DATE

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 THIS PROJECT IS RESPONSIBLE FOR THE SELECTION AND PROPER APPLICATION OF THE COMPONENT DESIGN AND ANY MODIFICATIONS SHOWN.

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

- NOTES:**
- If departure end block is within Clear Recovery Zone (CRZ) of opposing traffic (30 feet minimum desirable for expressways and freeways, 20 feet minimum desirable for conventional highways), use Approach End Block Transition detail for departure end. Exact CRZ width must be determined by the Engineer.
  - For additional reinforcement details, see "CONCRETE BARRIER TYPE 86 DETAILS No. 3" sheet.
  - Barrier joint to match deck joint, 1" Min.
  - Butt welds are acceptable alternative splice to lap splicing #7 bars. No portion of a lap splice can encroach on the post location.
  - For "SECTION A-A", "SECTION C-C", & "SECTION D-D", see "CONCRETE BARRIER TYPE 86 DETAILS No. 2" sheet.
  - For "SECTION B-B", see "CONCRETE BARRIER TYPE 86 DETAILS No. 3" sheet.
  - Width of Concrete Post supporting Electrolier pedestal is 1'-9", see "CONCRETE BARRIER TYPE 86 DETAILS No. 5" sheet. Do not place Electrolier at Expansion Joint post.
  - Post spacing on wing walls may vary, 10'-0" maximum, 5'-0" minimum post spacing between post centerlines.
  - The maximum number of conduits is limited to two 1 1/2" and must be placed in front half of lower beam curb. See also "CONDUIT IN BRIDGE RAILING" detail on Standard Plan B14-3.
  - 1" clearance to reinforcement on all concrete barrier surfaces of upper beam, top of lower beam, and all surfaces of concrete posts.
  - For "SECTION E-E", see "APPROACH END BLOCK DETAILS" on "CONCRETE BARRIER TYPE 86 DETAILS No. 6" sheet.
  - Scupper and pull box can only be placed at mid-points between concrete posts. Scupper and pull box cannot both be located between the same two concrete posts. Neither scupper nor pull box can be located between concrete posts where one of those posts is adjacent to an expansion joint. For scupper details, see "SECTION B-B" on "CONCRETE BARRIER TYPE 86 DETAILS No. 3" sheet.
  - Lower tubular bicycle railings is required.

**NO SCALE**

BRIDGE STANDARD DETAILS		STATE OF CALIFORNIA		DIVISION OF ENGINEERING SERVICES		CONCRETE BARRIER TYPE 86 DETAILS No. 1	
xs16-126-1	April 2026	DEPARTMENT OF TRANSPORTATION		BRIDGE No. XX-XXXX		X	
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				POST MILE X.X			