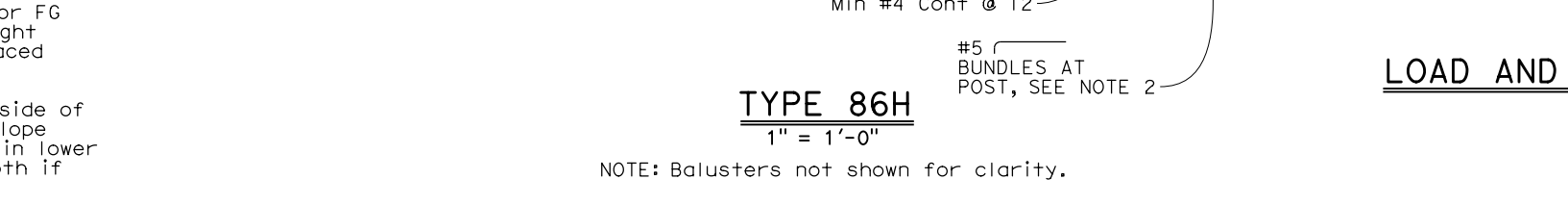


TYPICAL SECTION
1" = 1'-0"

* 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.



TYPE 86H
1" = 1'-0"

NOTE: Balusters not shown for clarity.

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

- NOTES:
- If departure end block is within the Clear Recovery Zone (CRZ) of opposing traffic (30 feet for expressways and freeways, and 20 feet for conventional highways), use the Approach End Block Transition detail for the departure end.
 - For additional reinforcement details, see "CONCRETE BARRIER TYPE 86H DETAILS No. 3" sheet.
 - Barrier joint to match deck joint, 1" Minimum.
 - 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 C-C", "SECTION D-D" & "SECTION E-E" see "CONCRETE BARRIER TYPE 86H DETAILS No. 2" sheet.
 - For "SECTION A-A" & "SECTION B-B" see "CONCRETE BARRIER TYPE 86H DETAILS No. 4" sheet.
 - "Maximize post spacing, not to exceed 10'-0", while maintaining 6" clear openings between concrete balusters, where 10'-0" post spacing cannot be achieved.
 - For tubular bicycle railing details, see "CONCRETE BARRIER TYPE 86H DETAILS No. 5" sheet.
 - The maximum number of conduits is limited to two 1 1/2" and must be placed in front half of the 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 the upper beam, top of lower beam, and all surfaces of concrete posts.
 - For "SECTION F-F" see "CONCRETE BARRIER TYPE 86H DETAILS No. 6" sheet.
 - Scupper can only be placed at mid-point between concrete posts. Scupper can not be located between concrete posts where one of those posts is adjacent to an expansion joint. For scupper details see Section G-G on "CONCRETE BARRIER TYPE 86H DETAILS No.3" sheet.

GENERAL NOTES
LOAD AND RESISTANCE FACTOR DESIGN

REINFORCED CONCRETE:
f_y = 60 ksi
f'c = 3.6 ksi