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July 21, 2017
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NOTES:
1. End the plate or edge angle at beginning of barrier transition, and of wingwall or end of structure approach as applicable.
2. Use concrete barrier shown, details similar for all concrete and standard post-beam barriers.
3. Joint protection details shown for n = 2". Details similar when joint seal assembly is required.

DETAIL X-1
TYPE E-1

DETAIL X-2
TYPE E-2

DETAIL X-3
LONGITUDINAL CONSTRUCTION
JOINT ALTERNATIVES

DETAIL X-4
BAR CHAIR DETAIL

DETAIL A

DETAIL B

DETAIL C

NOT ALL BARRIERS SHOWN

NOTE A:
Use L 3 x 3 x 1/2 (Galv) for concrete barrier or curb with vertical face.

LEGEND:
* Min top splice for bottom Rein in Freeze-Throw Area shall be 3'-6".
** Threaded Rods and Dowels in Freeze-Throw Area shall be stainless steel.

DESIGN NOTES

DEAD LOAD: Includes 35 psf for future wearing surface
LIVE LOAD: HL93 and permit design load
Equivalent strip width method

TYPE E (10) & EQ

TYPE R (10) & EQ

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

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DEPARTMENT OF TRANSPORTATION
STATE OF CALIFORNIA

SLAB DETAILS

STRUCTURE APPROACH

SLAB DETAILS

NO SCALE

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