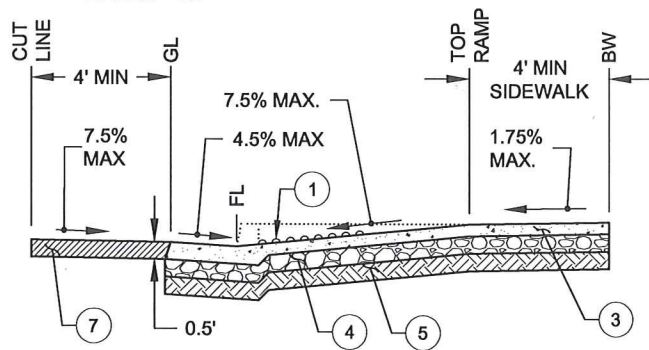


**NOTES:**

- A. SLOPES MAY BE CHECKED WITH A 2-FOOT SMART LEVEL.
- B. RAMP SHALL HAVE A HEAVY BROOM FINISH TRANSVERSE TO THEIR SLOPE.
- C. NO PULL BOX, UTILITY VAULT, UTILITY POLE, MANHOLE OR SIMILAR APPURTENANCE SHALL BE LOCATED WITHIN THE RAMP AREA WITHOUT PRIOR WRITTEN APPROVAL BY THE CITY ENGINEER.
- D. LANDING AT TOP OF RAMP SHALL NOT EXCEED 1.75% MAX SLOPE IN ANY DIRECTION.
- E. TRANSITIONS TO SIDEWALK, GUTTER AND STREETS SHALL BE FLUSH AND FREE OF ABRUPT CHANGE.
- F. RAMP SHALL BE DESIGNED AND CONSTRUCTED SUCH THAT WATER DOES NOT ACCUMULATE ON RAMP.
- G. DETECTABLE WARNING SURFACE SHALL EXTEND THE FULL WIDTH OF THE RAMP LESS A MAXIMUM OF 2" ON EACH SIDE.
- H. THE LEADING EDGE OF THE DETECTABLE WARNING SURFACE SHALL BE LOCATED 6" TO 8" FROM THE GUTTER FLOW-LINE. DETECTABLE WARNING SURFACES SHALL BE INSTALLED PARALLEL TO THE PATH OF TRAVEL, AND SHALL EXTEND THE FULL WIDTH OF THE PATH OF TRAVEL, AND A MINIMUM DEPTH OF 3" FROM THE LEADING EDGE TOWARDS THE BACK OF THE RAMP.
- I. SLOPES OVER THE MAXIMUM ALLOWED IN THIS AREA WILL REQUIRE WRITTEN APPROVAL BY THE CITY ENGINEER.



**SECTION 'A-A'**

①	DETECTABLE WARNING SURFACE (SEE STANDARD DETAIL #210 AND NOTE G & H ABOVE).
②	DEEP TOOL JOINT - 1 1/2" MIN DEPTH
③	4" 4,000 PSI CONCRETE
④	6" CLASS 2 AB (3/4" MAX.) PROCESSED TO 95% RELATIVE COMPACTION

⑤	6" SUBGRADE OR CLASS 2 ASB PROCESSED TO 95% RELATIVE COMPACTION
⑥	SAW CUT, REMOVE AND REPLACE AC
⑦	INSTALL 18" LENGTHS OF #4 REBAR SPACED AT 18" ON CENTER WITH 4" MIN. DOWELED AND EPOXY INTO EXISTING SIDEWALK, CURB AND GUTTER (TYP.)

**THE CITY OF WEST SACRAMENTO - STANDARD DETAIL**



STANDARD  
DETAIL #  
**209 A**

TITLE:

**PERPENDICULAR  
CURB RAMP  
RETROFIT**



DATE APPROVED: July 28, 2015