Note:
For Details not shown, see standard Plan A88A and A88B

DWS - Detectable Warning Surface

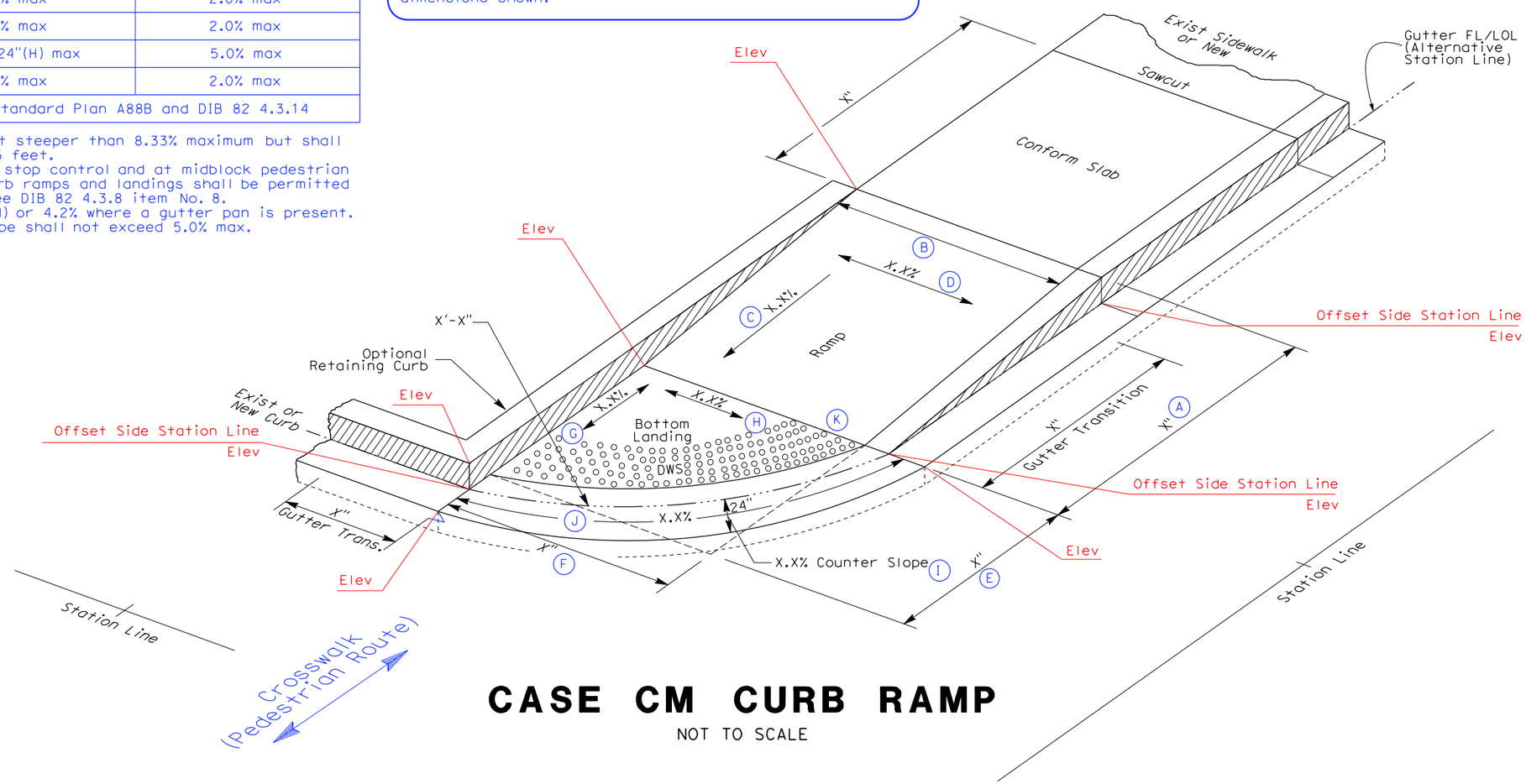
		CALTRANS CONSERVATIVE DESIGN STANDARDS	FEDERAL/CALIFORNIA STANDARDS
(A) Length of Ramp	(1)	Not required to exceed 15 feet, see DIB 82 4.3.8 #1	
(B) Width of Ramp		50" min	48" min
(C) Slope of Ramp		7.5% max	8.3% max (1)
(D) X Slope of the Ramp	(2)	1.5% max	2.0% max
(E) Bottom Landing Length		50" min	48" min
(F) Bottom Landing Width		50" min	48" min
(G) Bottom Landing Slope		1.5% max	2.0% max
(H) Bottom landing X Slope	(2)	1.5% max	2.0% max
(I) Counter Slope	(3)	1"(V):24"(H) max	5.0% max
(J) Flow Line Slope	(2)	1.5% max	2.0% max
(K) Detectable Warning Surface		See Standard Plan A88B and DIB 82 4.3.14	

(1) Curb ramps shall have a running slope not steeper than 8.33% maximum but shall not require the ramp length to exeed 15 feet.
(2) At pedestrian crossings without yield or stop control and at midblock pedestrian street crossings, the cross slope of curb ramps and landings shall be permitted to equal the street or highway grade. See DIB 82 4.3.8 item No. 8.
(3) Counter slope shall not exceed 1"(V):24"(H) or 4.2% where a gutter pan is present. If no gutter pan is present counter slope shall not exceed 5.0% max.

Items A through K graphically depict standards that are all required for compliance with the 2010 Americans with Disabilities Act or draft Public Rights of Way Accessibility Guidelines.

For each curb ramp location that is not designed to meet the conservative design standards include one (EA) quantity of bid item Pre/Post Construction Surveys in the bid item list. The intent of this bid item is to verify that construction complies with allowable variations from the dimensions and slopes shown on the contract plans required by CPB 14-1.

Location call outs and elevations direct the tie-in of the curb ramp to adjacent roadway, sidewalk, and grade at the project specific location with the compliant slopes and dimensions shown.



CASE CM CURB RAMP

NOT TO SCALE

CURB RAMP DESIGN STANDARDS
CASE CM

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.

REVISED BY | DATE REVISED | CALCULATED-DESIGNED BY | CHECKED BY | FUNCTIONAL SUPERVISOR

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

DESIGN STANDARDS CASE CM, RELEASED 03/30/2016

CURB RAMP

LAST REVISION 00-00-00 | DATE PLOTTED => $DATE | TIME PLOTTED => $TIME