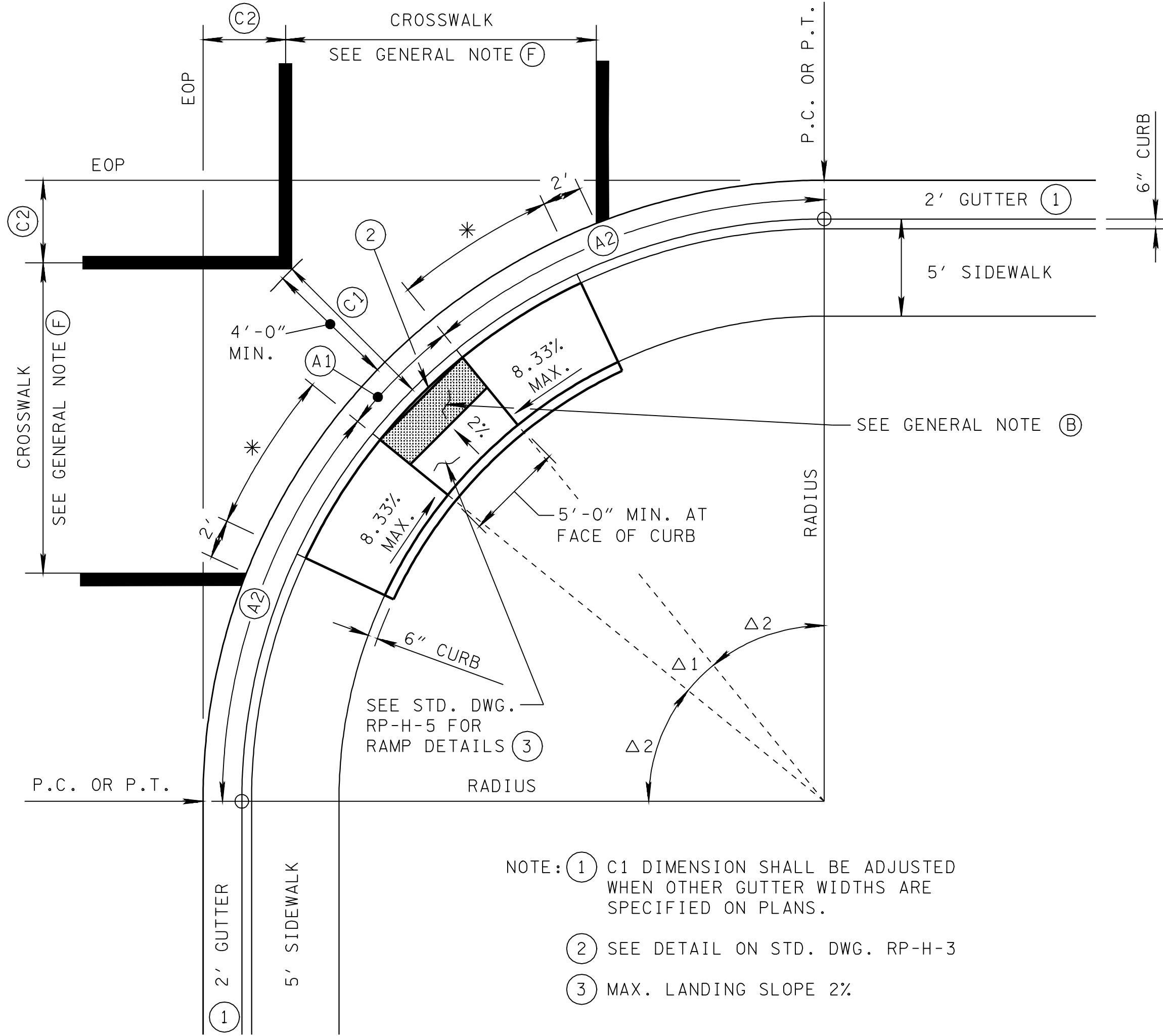


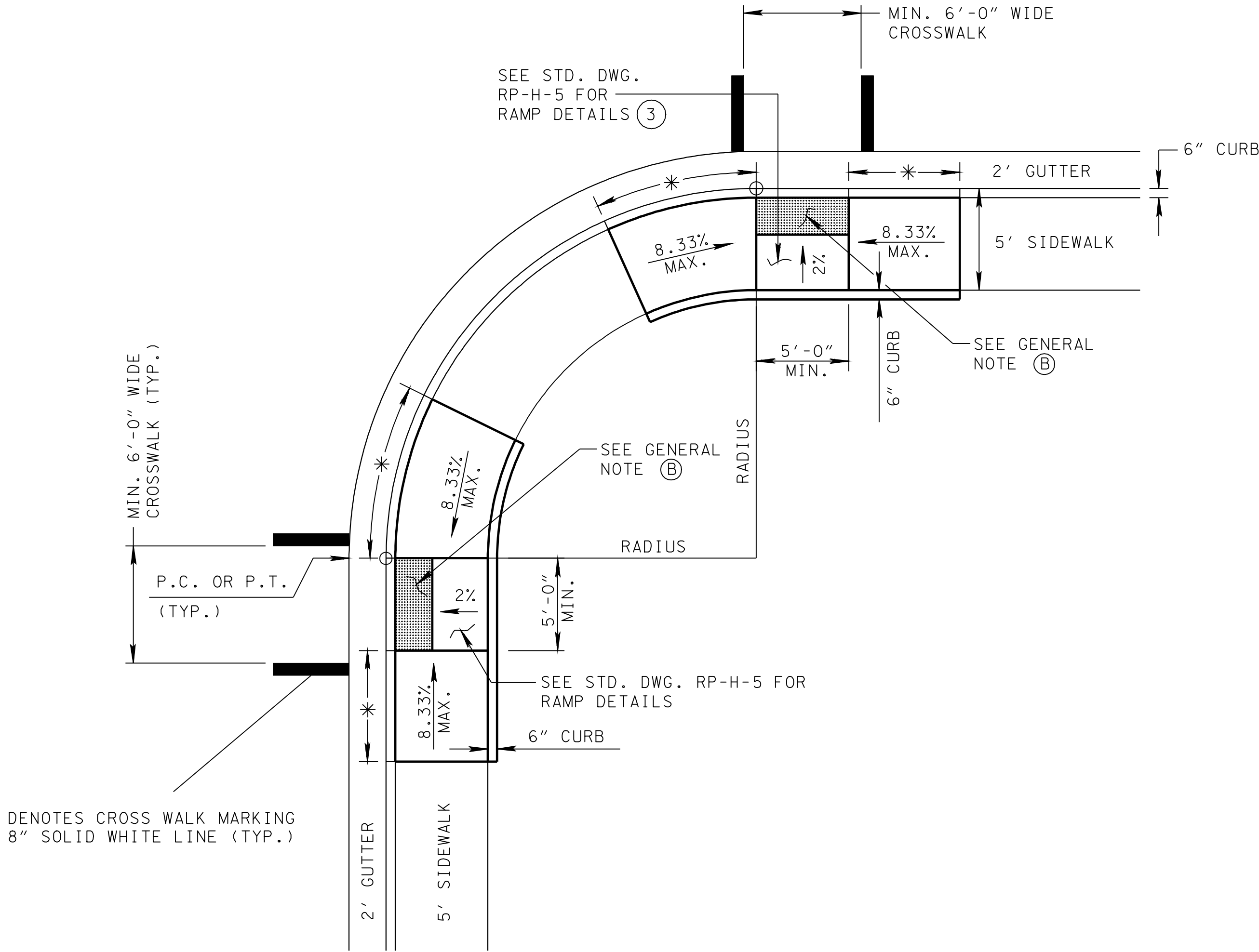


TYPE 3
(RAMP IN RADIUS)
(CONSTRUCTION IN RADIUS)

* DIMENSION VARIES RELATIVE TO LONGITUDINAL ROADWAY GRADE

TABLE OF DIMENSIONS ① PARALLEL HANDICAP RAMPS - RADIUS OF 20' TO 75'							
R RADIUS (FEET)	(A1) (FEET)	(A2) (FEET)	(C1) (FEET)	(C2) (FEET)	Δ1	Δ2	ESTIMATED QUANTITY (SQUARE FEET)
20	6.50	12.07	6.00	3.62	19°05'55"	35°27'03"	96
25	6.13	16.18	6.00	5.08	14°19'26"	37°50'17"	94
30	5.90	20.22	6.00	6.54	11°27'33"	39°16'14"	92
35	5.75	24.22	6.00	8.01	9°32'57"	40°13'31"	91
40	5.64	28.20	6.00	9.47	8°11'06"	40°54'27"	90
45	5.56	32.17	6.00	10.94	7°09'43"	41°25'08"	89
50	5.50	36.13	6.00	12.40	6°21'58"	41°49'01"	89
55	5.45	40.08	6.00	13.87	5°43'46"	42°08'07"	88
60	5.41	44.03	6.00	15.33	5°12'31"	42°23'44"	88
65	5.38	47.97	6.00	16.80	4°46'29"	42°36'46"	88
70	5.35	51.91	6.00	18.26	4°24'27"	42°47'47"	88
75	5.32	55.85	6.00	19.72	4°05'33"	42°57'13"	87

① VALUES SHOWN IN TABLE ARE BASED ON A 90° INTERSECTION ON 0.0% ROADWAY GRADE AND ARE APPROXIMATE ONLY.



TYPE 4
(RAMP OUTSIDE RADIUS)

* DIMENSION VARIES RELATIVE TO LONGITUDINAL ROADWAY GRADE

GENERAL NOTES	
(A)	FOR SIGNALIZED INTERSECTIONS THAT REQUIRE PEDESTRIAN SIGNAL PUSH BUTTONS, SEE TDOT TRAFFIC DESIGN MANUAL FOR PLACEMENT DETAILS.
(B)	SEE STANDARD DRAWING RP-H-3 FOR TRUNCATED DOMED SURFACE DETAILS.
(C)	5'-0" SIDEWALK WIDTH INCLUDES 6" CONCRETE CURB.
(D)	GRATES FOR STORM DRAINS SHALL NOT BE PLACED IN THE CROSSWALK OR IN FRONT OF THE HANDICAP RAMP.
(E)	DESIRABLE DIMENSIONS SHALL BE USED UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
(F)	CROSS WALK MARKINGS SHALL BE CALCULATED BY USING THE DIMENSIONS FROM THE TABLE ON A CASE BY CASE BASIS, UNLESS SPECIFIED.

MINOR REVISION -- FHWA
APPROVAL NOT REQUIRED.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PARALLEL HANDICAP
RAMP
FOR 20' THRU 75'
RADIUS

1-15-07

RP-H-9