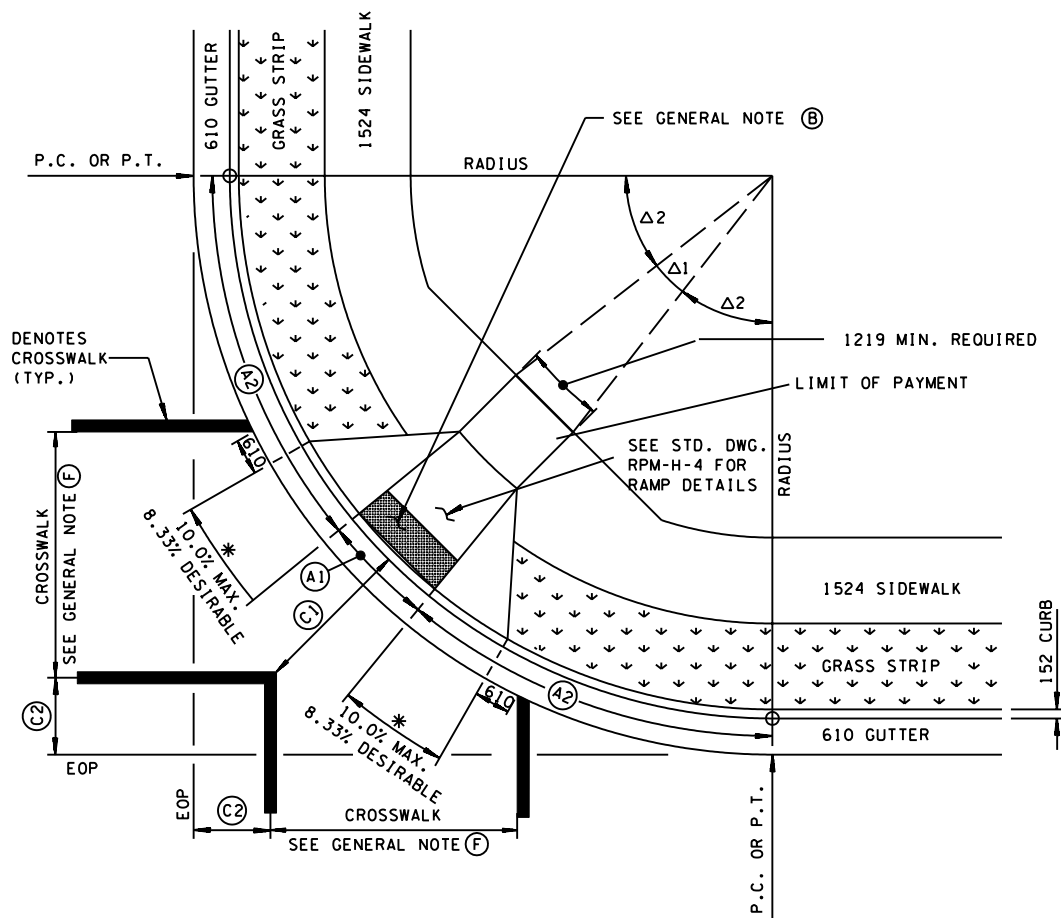
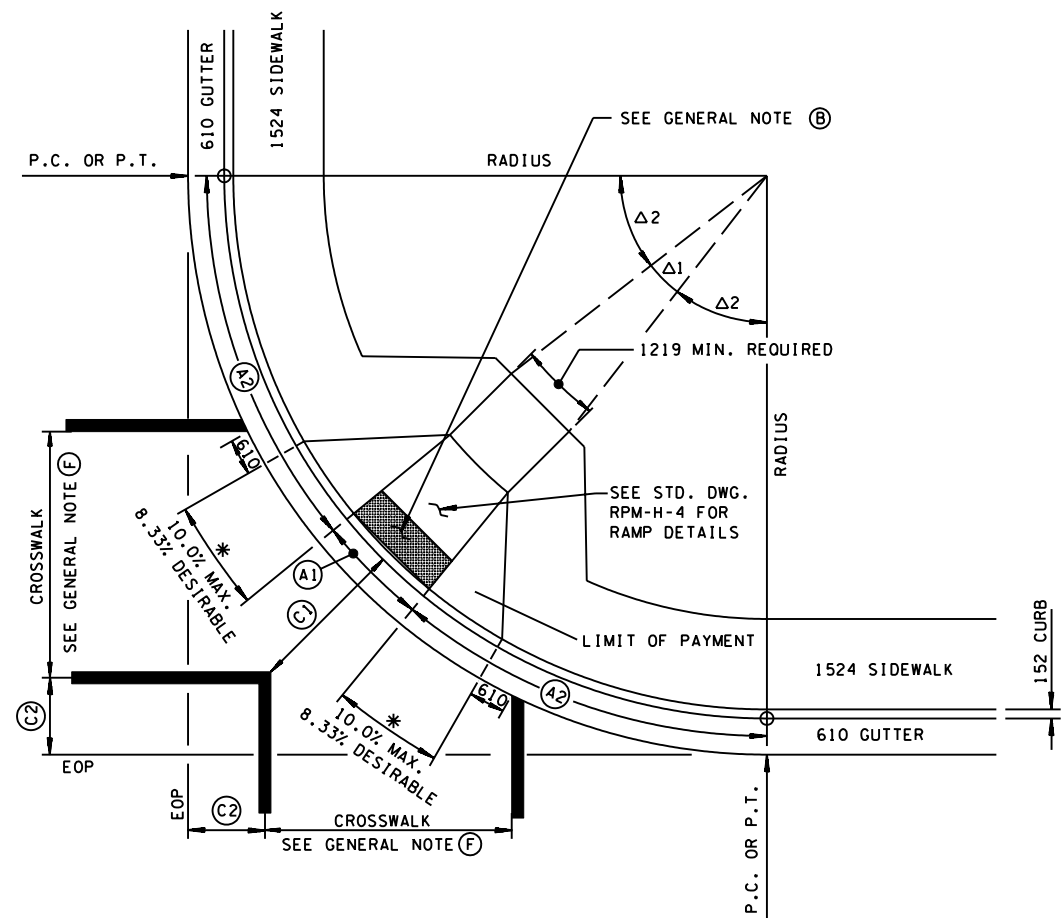




TYPE 1
RAMP IN RADIUS (WITH GRASS STRIP)
* DIMENSION VARIES RELATIVE TO LONGITUDINAL ROADWAY GRADE

R RADIUS (METER)	(A1) (METER)	(A2) (METER)	(C1) (METER)	(C2) (METER)	Δ1	Δ2	ESTIMATED QUANTITY (SQUARE METER)
6.1	2.04	3.77	2.30	0.77	19°11'18"	35°24'21"	11.15
7.6	1.80	5.09	2.30	1.22	13°30'46"	38°14'37"	9.20
9.1	1.66	6.35	2.30	1.66	10°25'55"	39°47'03"	9.01
10.7	1.58	7.59	2.30	2.11	8°29'46"	40°45'07"	9.01
12.2	1.52	8.81	2.30	2.56	7°10'00"	41°25'00"	8.92
13.7	1.48	10.03	2.30	3.00	6°11'50"	41°54'05"	8.92
15.2	1.45	11.24	2.30	3.45	5°27'32"	42°16'14"	8.83
16.8	1.43	12.45	2.30	3.90	4°52'40"	42°33'40"	8.83
18.3	1.41	13.66	2.30	4.34	4°24'31"	42°47'43"	8.83

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



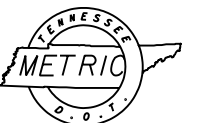
TYPE 1 ALTERNATE
RAMP IN RADIUS (SIDEWALK ADJACENT CURB & GUTTER)
* DIMENSION VARIES RELATIVE TO LONGITUDINAL ROADWAY GRADE

R RADIUS (METER)	(A1) (METER)	(A2) (METER)	(C1) (METER)	(C2) (METER)	Δ1	Δ2
6.1	2.29	3.64	1.33	1.02	21°29'09"	34°15'25"
7.6	1.76	5.11	1.59	1.29	13°13'19"	38°23'20"
9.1	1.52	6.42	1.81	1.58	9°32'57"	40°13'31"
10.7	1.39	7.68	2.01	1.88	7°28'24"	41°15'47"
12.2	1.31	8.92	2.20	2.19	6°08'19"	41°55'50"
13.7	1.25	10.15	2.38	2.51	5°12'31"	42°23'44"
15.2	1.20	11.37	2.56	2.83	4°31'24"	42°44'17"
16.8	1.67	12.58	2.72	3.16	3°59'50"	43°00'04"
18.3	1.14	13.79	2.89	3.49	3°34'51"	43°12'34"

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

GENERAL NOTES

- Ⓐ FOR SIGNALIZED INTERSECTIONS THAT REQUIRE PEDESTRIAN SIGNAL PUSH BUTTONS, SEE TDOT TRAFFIC DESIGN MANUAL FOR PLACEMENT DETAILS.
- Ⓑ SEE STANDARD DRAWING RPM-H-3 FOR TRUNCATED DOMED SURFACE DETAILS.
- Ⓒ 1524 mm SIDEWALK WIDTH INCLUDES 152 mm CONCRETE CURB.
- Ⓓ GRATES FOR STORM DRAINS SHALL NOT BE PLACED IN THE ACCESSIBLE ROUTE.
- Ⓔ C1 DIMENSIONS SHALL NOT BE LESS THAN 1219 mm.
- Ⓕ CROSS WALK MARKINGS SHALL BE CALCULATED BY USING THE DIMENSIONS FROM THE TABLES ON A CASE BY CASE BASIS, UNLESS SPECIFIED.



ALL UNITS ARE IN MILLIMETERS
UNLESS NOTED OTHERWISE.

MINOR REVISION -- FHWA
APPROVAL NOT REQUIRED.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PERPENDICULAR
HANDICAP RAMP
FOR
6.1 m THRU 18.3 m
RADIUS

1-15-07 RPM-H-7