

CURB HEIGHT	RAMP LENGTH "D"	DISTANCE "S"	SLOPE "W"
4"	4.6'	3.33'	4.0'
5"	5.9'	4.17'	5.0'
6"	7.2'	5.0'	6.0'
7"	8.6'	5.83'	7.0'
8"	9.9'	6.66'	8.0'

CURB HEIGHT SLOPE DIMENSIONS TABLE

NOTES:

1. HANDICAP RAMPS SHALL BE CONSTRUCTED AT MIDPOINT OF CURB RETURNS.
2. ALL CONCRETE SHALL BE CLASS B, 2500 P.S.I. MINIMUM, WITH 1 ½ LBS. FIBRILLATED POLYPROPYLENE FIBERS PER CUBIC YARD.
3. ALL CONCRETE SHALL HAVE A MINIMUM 4" CUSHION OF CLASS 2 A.B. @ 95% RELATIVE COMPACTION (D1557-78) ON COMPACTED SUB-GRADE. THE USE OF RECYCLED A.B. SHALL NOT BE ALLOWED.
4. RAMPS SHALL HAVE HEAVY BROOM FINISH TRANSVERSE TO THE SLOPE OF THE RAMP.
5. CONSTRUCT DEEP SCORE LINES AT LEADING EDGE OF TACTILE STRIPS.
6. CROSSWALKS SHALL BE STRIPED CENTERED ON THE LANDING OF THE HANDICAP RAMP.
7. CURB RAMP SIDE SLOPE VARIES UNIFORMLY TO A MAXIMUM OF 10% AT CURB TO CONFORM WITH LONGITUDINAL SIDEWALK SLOPE ADJACENT TO TOP OF RAMP, EXCEPT IN TYPE 'C' OR 'D'
8. UTILITY PULL BOXES, MANHOLES, VAULTS, AND ALL OTHER UTILITY FACILITIES WITHIN THE BOUNDARIES OF THE CURB RAMP WILL BE RELOCATED BY OTHERS PRIOR TO, OR IN CONJUNCTION WITH, CURB RAMP CONSTRUCTION.
9. DOWEL CURB RAMPS AT ALL COLD JOINTS IN EXISTING CONCRETE WITH #3 REBARS 12" LONG 36" INTERVALS. DRIVE TIGHT FIT OR EPOXY. EXPANSION JOINTS AND/OR WEAKENED PLANE JOINTS SHALL SEPARATE CURB RAMPS IN NEW CONCRETE CONSTRUCTION.
10. ALL SLOPES RELATIVE TO EXISTING STREET GRADES.
11. GENERAL NOTES ON TRUNCATED DOMES:
 - A. WHEELCHAIR CURB CUT RAMPS SHALL HAVE A PREFABRICATED DETECTABLE WARNING SURFACE INSTALLED ON RAMP SURFACE CONSISTING OF TILE(S) WITH RAISED TRUNCATED DOMES CONFORMING TO THE DETAILS ON THIS STANDARD PLAN AND SHALL BE IN CONFORMANCE WITH THE REQUIREMENTS ESTABLISHED BY THE DEPARTMENT OF GENERAL SERVICES, DIVISION OF STATE ARCHITECT; AND THE AMERICAN WITH DISABILITIES ACT (TITLE 49 CFR TRANSPORTATION, PART 37.9 STANDARDS FOR ACCESSIBLE TRANSPORTATION FACILITIES, APPENDIX A, SECTION 4.29.2 DETECTABLE WARNINGS ON WALKING SURFACES) AND SHALL BE CAST IN PLACE IN CONFORMANCE WITH THE MANUFACTURER'S CAST IN PLACE RECOMMENDATIONS.
 - B. DETECTABLE WARNING SURFACE SHALL EXTEND THE FULL WIDTH AND 3' DEPTH OF THE RAMP. THE EDGE OF THE DETECTABLE WARNING SURFACE NEAREST THE STREET SHALL BE BETWEEN 6" AND 8" FROM THE GUTTER FLOWLINE. WHEN A DETECTABLE SURFACE EDGE AND/OR DOMES IS CUT AND THE RESULTING EDGE IS NOT FLUSH WITH THE SURFACE OF THE RAMP, THE EDGE SHALL BE BEVELED OR CONFORMED WITH PERIMETER SEALANT AT 1:2 MAX. SLOPE IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS.



**PUBLIC WORKS
DEPARTMENT**



HANDICAP RAMP NOTES-1

B. Grewal

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