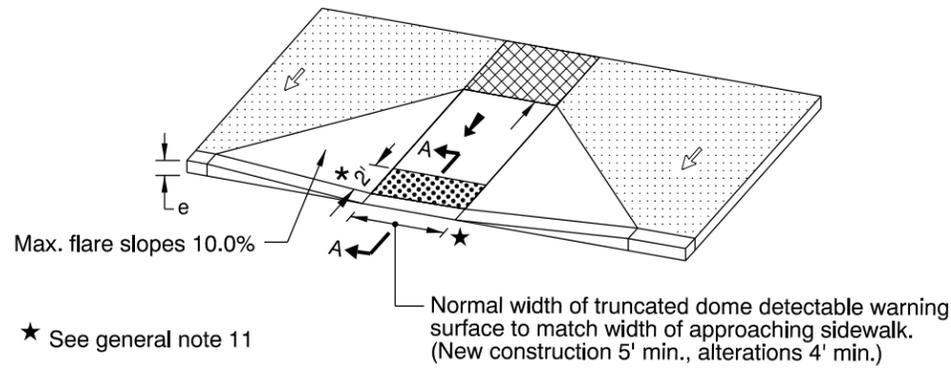
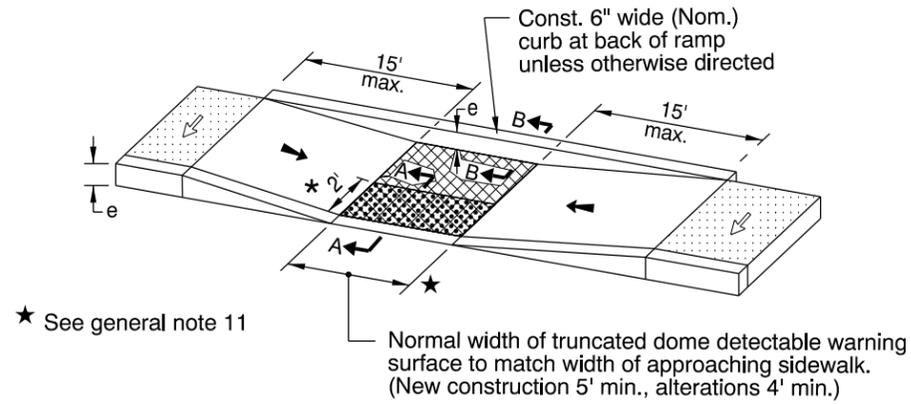


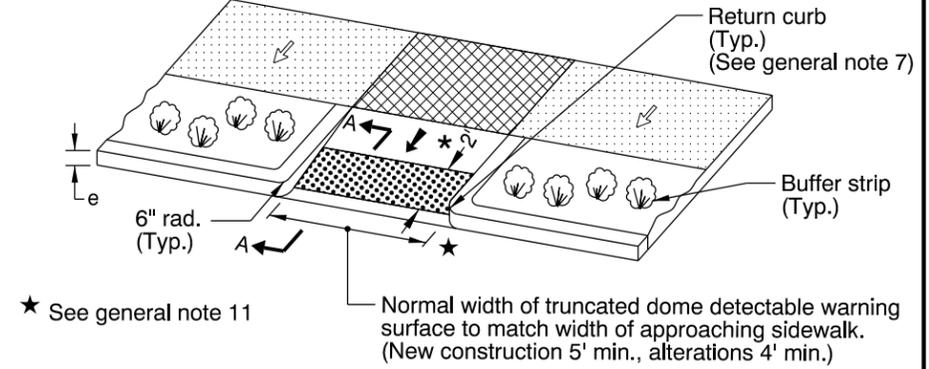
rd755.dgn 15-JAN-2016



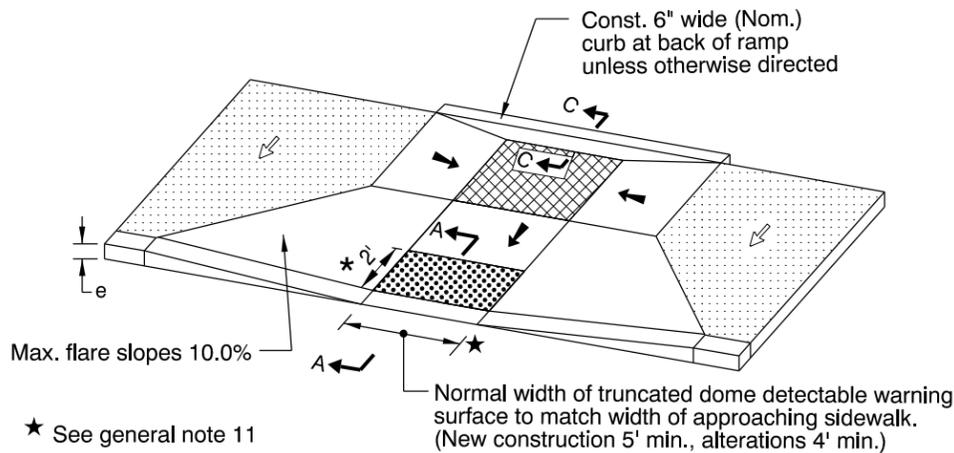
**PERPENDICULAR SIDEWALK RAMP DETAIL**  
(Use "Parallel Sidewalk Ramp Detail" or "Combination Sidewalk Ramp Detail" when reqd. turning space cannot be obtained)



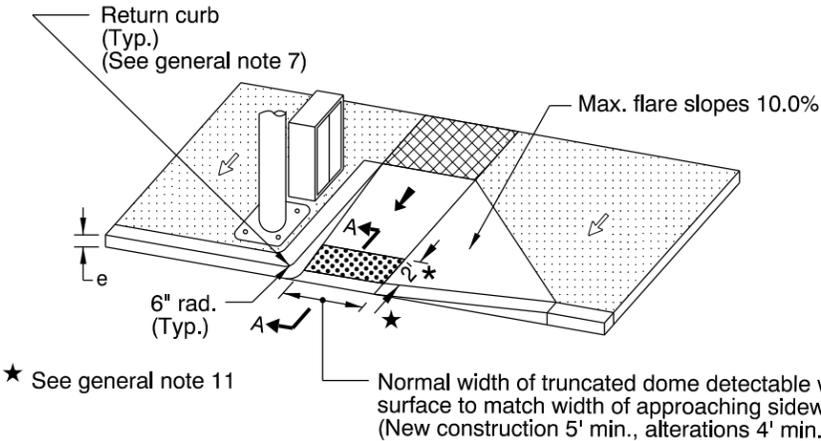
**PARALLEL SIDEWALK RAMP DETAIL**



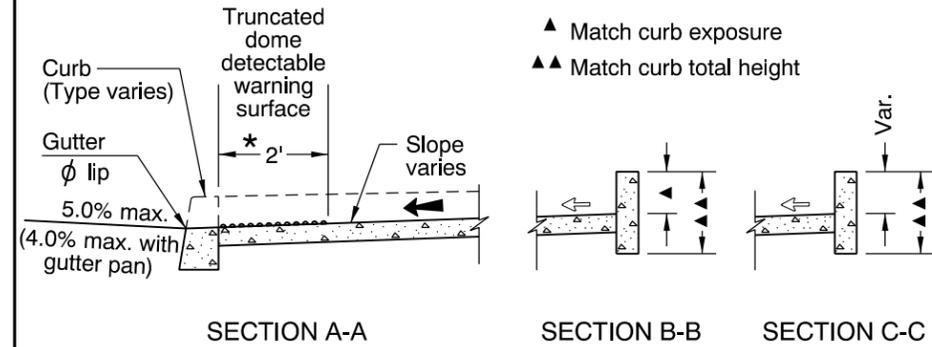
**PERPENDICULAR SIDEWALK RAMP DETAIL (THROUGH BUFFER STRIP)**



**COMBINATION SIDEWALK RAMP DETAIL**



**PERPENDICULAR SIDEWALK RAMP DETAIL (WITH SINGLE FLARE)**  
(Use "Parallel Sidewalk Ramp Detail" or "Combination Sidewalk Ramp Detail" when reqd. turning space cannot be obtained)



- Sidewalk
- Turning space  
Min. level area 4' x 4'  
4' x 5' when constrained (with longer dimension in direction of ramp travel).  
For the purposes of this application, a max. 2.0% finished surface slope (for drainage) is considered level.
- Truncated dome detectable warning surface
- Slope 1.5% max. (Max. 2.0% finished surface slope)  
(Normal sidewalk cross slope)
- Slope 7.5% max. (Max. 8.3% finished surface slope)  
(Ramp length 15' max.)
- \* 2' See general note 5

**GENERAL NOTES FOR ALL DETAILS:**

1. Sidewalk ramp details are based on United States Access Board Standards.
2. See Std. Drgs. RD700 & RD701 for curbs. See Std. Drg. RD720 for sidewalks. See Std. Drgs. TM503 & TM530 for crosswalk markings, widths, etc.
3. Toolled joints are required at all sidewalk ramp slope break lines.
4. Sidewalk curb ramp slopes shown are relative to the true level horizon (Zero bubble).
5. Place truncated dome detectable warning surface in the lower 2' adjacent to traffic of throat of ramp only. For details not shown, see Std. Drg. RD759.
6. Side flares that are not part of the path of travel may be any slope.
7. Return curb may be provided in lieu of flared slope only if protected from cross travel by landscaping or fixed barrier.

8. For the purpose of this drawing, a curb ramp is considered "perpendicular" if the angle between the longitudinal axis of the ramp and a line tangent to the curb at the ramp center is 75° or greater.
9. Ramps for paths intersecting a roadway should be full width of path, excluding flares. When a ramp is used to provide bicycle access from a roadway to a sidewalk, the ramp should be 8' wide.
10. For sidewalk ramp placement options, see Std. Drgs. RD756 & RD757.
11. Check the gutter flow depth at ramp locations to assure that the design flood does not overtop the back of sidewalk at ramp. If overtopping occurs place an inlet at upstream side of ramp or perform other approved design mitigation.
12. Only use details allowed by jurisdiction.
13. Site conditions normally require a project specific design. See project plans for details not shown.

CALC. BOOK NO.   N/A   BASELINE REPORT DATE   15-JAN-2016  

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

**OREGON STANDARD DRAWINGS**

**SIDEWALK RAMP DETAILS**

2015

DATE	REVISION DESCRIPTION
01-2015	REVISED & ADDED NOTES
07-2015	ADDED DETAIL & REVISED NOTES
01-2016	REVISED & ADDED NOTES

*The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.*

RD755