NOTES:
1. SIDEWALK RAMP DETAILS ARE BASED ON US DOT REQUIREMENTS. RAMP MUST BE ADA COMPLIANT.
2. SEE STD. DRG. NO. P-540 FOR CURBS AND P-551 FOR SIDEWALKS.
3. TOOLED 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 6" FROM FACE OF CURB ADJACENT TO TRAFFIC. THE WIDTH OF THE DETECTABLE WARNING SHALL BE THE SAME WIDTH AS THE RAMP THROAT. DETECTABLE WARNINGS SHALL BE FEDERAL YELLOW. SEE ODOT STD. DRG. NO. RD759 FOR DETAILS NOT SHOWN.
6. 10% (RELATIVE TO STREET GRADE) MAXIMUM RAMP WING FLARE SLOPE.
7. CHECK THE GUTTER FLOW DEPTH TO ASSURE THAT THE DESIGN FLOOD DOES NOT OVERTOP THE BACK OF SIDEWALK. PLACE INLET AT UPSTREAM SIDE OR PERFORM OTHER APPROVED DESIGN MITIGATION IF BACK OF RAMP LANDING IS LESS THAN 3" ABOVE GUTTER LINE.
8. A CURB RETURN INSTEAD OF RAMP WING MAY ONLY BE USED WHEN THE RAMP IS PROTECTED FROM PEDESTRIAN CROSS-TRAVEL (BY HANDRAIL OR SIMILAR ACCEPTABLE BARRIER) OR WHEN THE ADJACENT FURNISHING ZONE IS LANDSCAPED.
9. CONSTRUCT ALL RAMPS PERPENDICULAR TO CURB.
10. CURB RAMP AT STREET INTERFACE SHALL BE WITHIN LEGAL CROSSWALK.
11. MAINTAIN EXISTING CURB RETURN/CORNER RADIUS FOR RETROITS UNLESS OTHERWISE DIRECTED.
12. PROVIDE MINIMUM 1 FOOT CLEAR (FREE FROM VERTICAL OBSTRUCTIONS, INCLUDING CURBS) ADJACENT TO 4' X 4' LANDINGS.
13. MAXIMUM 1% GRADE BREAK ALLOWED IN ACCESSIBLE ROUTE. 24" CONCRETE GUTTER SHALL BE USED AT LOCATIONS WHERE DIFFERENCE BETWEEN RAMP RUNNING SLOPE AND STREET CROSS SLOPE IS GREATER THAN 1%. SEE STD. DRG. P-544 FOR DETAILS.

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.

Note:
All material and workmanship shall be in accordance with the City of Portland Standard Construction Specifications.

PORTLAND BUREAU OF TRANSPORTATION

Standard Drawing Title
SIDEWALK CORNER RAMP WITH CONCRETE GUTTER

Effective Date: 08-27-1999

Calc. Book No.: n/a

Standard Drawing No. P-550

Std. Org. Report Date: