CUT THROUGH PEDESTRIAN REFUGE

PEDESTRIAN STREET CROSSING CROSS SLOPE
STOP/YIELD CONTROL
DESIGN = 1.5%
MAX. = 2.0%

SIGNAL/UNCONTROLLED
DESIGN = 4.5%
MAX. = 5.0%

MID-BLOCK MATCH ROADWAY SLOPE

W ≥ 6.0’ – INSTALL DETECTABLE WARNING AS SHOWN
W < 6.0’ – DO NOT INSTALL DETECTABLE WARNING
S = 2.0%

FACE OF CURB
2.0’
S

10.0’ TYP. 6.0’ MIN.

MEDIAN/ISLAND

A

SECTION A–A

PEDESTRIAN STREET CROSSING

FACE OF CURB
2.0’

6” P.C.C. OVER 6” BASE ROCK

RAMPED PEDESTRIAN REFUGE

PEDESTRIAN STREET CROSSING INCLUDING RAMP CROSS SLOPE
STOP/YIELD CONTROL
DESIGN = 1.5%
MAX. = 2.0%

SIGNAL/UNCONTROLLED
DESIGN = 4.5%
MAX. = 5.0%

MID-BLOCK MATCH ROADWAY SLOPE

5.0’ MIN.

B

SLOPE: 7.1% DESIGN 4.9% MIN. 5.3% MAX.

TRUNCATED DOME DETECTABLE WARNING SURFACE

TURNING SPACE SLOPE: 1.5% DESIGN 2.0% MAX.

SECTION B–B

PEDESTRIAN STREET CROSSING

2.0’

2.0’ MAX. SLOPE

2.0’

RAMP

LANDING

RAMP

6” P.C.C. OVER 6” BASE ROCK

GENERAL NOTES:
1. SIDEWALK RAMPS SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH "PROPOSED ACCESSIBILITY GUIDELINES FOR PEDESTRIAN FACILITIES IN THE PUBLIC RIGHT-OF-WAY" (PROMAG), JULY 2011 EDITION.
2. SIDEWALK RAMPS SHALL BE LOCATED PERPENDICULAR TO THE CURBLINE AND TO MINIMIZE OUT-OF-DIRECTION TRAVEL WHILE MAINTAINING PEDESTRIAN VISIBILITY AND MINIMIZING STREET CROSSING DISTANCES.
3. CONCRETE SHALL BE COMMERCIAL MIX, MIN. COMPRESSIVE STRENGTH OF 3300 PSI AT 28 DAYS.
4. BASE ROCK SHALL CONSIST OF 3/4”–0 CRUSHED ROCK COMPACTED TO 95% OF AASHTO T–180.
5. BASE ROCK SHALL BE THOROUGHLY WATERED IMMEDIATELY PRIOR TO PLACEMENT OF CONCRETE WHEN THE MEASURED OR FORECASTED ASCENDING AIR TEMPERATURE IS 80 DEGREES OR GREATER.
6. TRUNCATED DOME DETECTABLE WARNING SURFACE SHALL BE INSTALLED THE FULL WIDTH OF THE RAMP AND CONSIST OF (BLACK) ADA SOLUTIONS CAST-IN-PLACE OR APPROVED EQUAL.
7. ON STEEP SLOPES, SIDEWALK RAMPS SHALL HAVE A MAXIMUM SLOPE OF 8.3% OR MAXIMUM LENGTH OF 15 FEET CONSTRUCTED AT CONSTANT SLOPE.
8. SIDEWALK RAMPS SHALL HAVE A MINIMUM WIDTH OF 5 FEET. WHERE SIDEWALK RAMPS ARE USED TO PROVIDE BICYCLE ACCESS, THE MINIMUM RAMP WIDTH SHALL BE 8 FEET.