

CURB LINE AND ROAD CROSSING ADJUSTMENTS

"TAPERING" OF CROSSWALKS MEANS MAINTAINING LESS THAN 2% CROSS SLOPE WITHIN A CROSSWALK. IS REQUIRED WHEN A ROADWAY IS IN A STOP OR YIELD CONDITION AND THE PROJECT SCOPE ALLOWS. RECONSTRUCTION PROJECTS: ON FULL PAVEMENT REPLACEMENT PROJECTS

"TAPERING" OF ENTIRE CROSSWALK SHALL OCCUR WHEN FEASIBLE.

MILL & OVERLAY PROJECTS: "TAPERING" OF FLOW LINES, IN FRONT OF THE PEDESTRIAN RAMP, IS REQUIRED WHEN THE EXISTING FLOW LINE IS GREATER THAN 2% WARPING OF THE BITUMINOUS PAVEMENT. WHEN THE EXISTING FLOW LINE IS GREATER THAN 2% WARPING OF THE BITUMINOUS PAVEMENT, AS MUCH AS POSSIBLE WHILE ADHERING TO THE FOLLOWING CRITERIA:

- 1.0% MIN. CROSS-SLOPE OF THE ROAD
- 5.0% MAX. CROSS-SLOPE OF THE ROAD
- UP TO 2% CHANGE IN FLOW LINE FROM EXISTING SLOPE IN FRONT OF PEDESTRIAN RAMP
- UP TO 2% CHANGE IN FLOW LINE FROM EXISTING SLOPE BEYOND THE PEDESTRIAN CURB RAMP

STAND-ALONE ADA RETROFITS: FOLLOW MILL & OVERLAY CRITERIA ABOVE HOWEVER ALL PAVEMENT REPLACEMENT ON CONCRETE ROADWAYS.

RAISING OF CURB LINES SHOULD OCCUR IN VERTICALLY CONSTRAINED AREAS. RAISE THE CURB LINES ENOUGH TO MAINTAIN THE EXISTING FLOW LINE TO THE FOLLOWING CRITERIA:

- 1.0% MIN. AND 5.0% MAXIMUM CROSS-SLOPE OF THE ROAD
- 1.0% MIN. FLOW LINE (ON EITHER SIDE OF PEDESTRIAN RAMP) TO MAINTAIN POSITIVE DRAINAGE
- 5.0% RECOMMENDED MAX. FLOW LINE
- LONGITUDINAL THROUGH LANE ROADWAY TAPERS SHOULD BE 1" VERTICAL PER 15' HORIZONTAL

REVISION: OPERATIONS ENGINEER

APPROVED: JANUARY 23, 2017

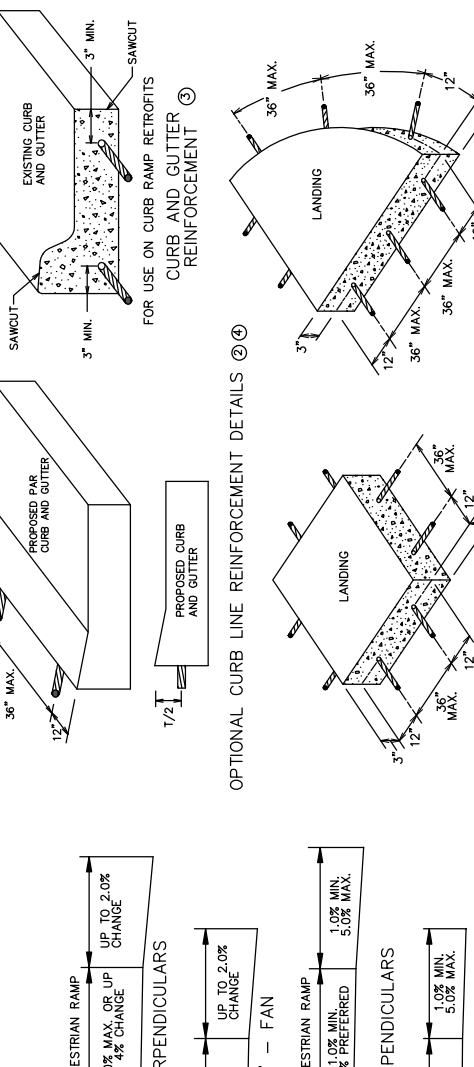
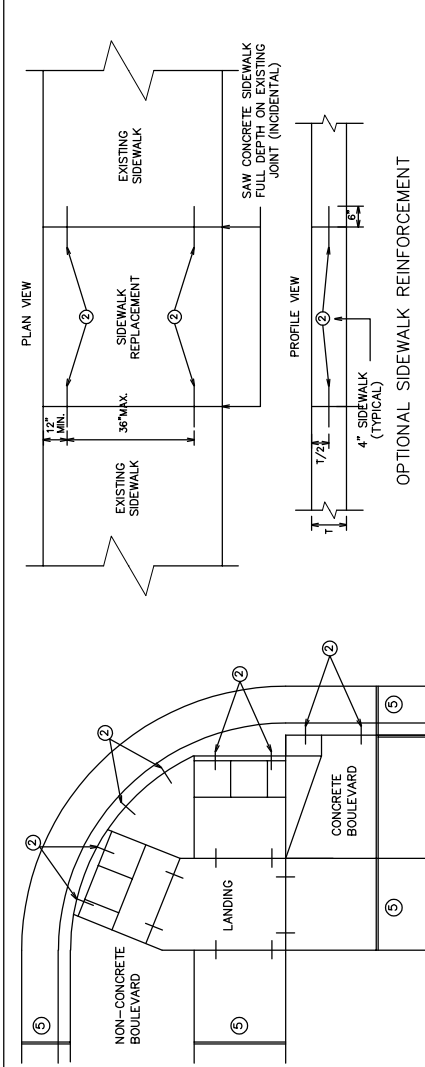
CITY PL. NO. STR-1-00

REVISED 1-18

PUBLISHED 1-21

PEDESTRIAN CURB RAMP DETAILS

1-23-2017 STANDARD PLAN 5-297.250 6 OF 6



EXPANSION MATERIAL PLACEMENT FOR CONCRETE AND BITUMINOUS ROADWAYS

OPTIONAL CURB LINE REINFORCEMENT ④

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PLAN VIEW

EXISTING SIDEWALK

SIDEWALK REPLACEMENT

EXISTING SIDEWALK

12" MIN.

36" MAX.

SAW CONCRETE SIDEWALK FULL DEPTH ON EXISTING JOINT (INCIDENTAL)

PROFILE VIEW

1 1/4"

4" SIDEWALK (TYPICAL)

OPTIONAL SIDEWALK REINFORCEMENT

SIDEWALK REINFORCEMENT TO BE USED ONLY WHEN SPECIFIED IN THE PLAN.

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