

## CASE "C" CURB RAMP NOTES

1. If site conditions do not accommodate a Case E Curb Ramp, a Case C Curb ramp shall be constructed.
2. If the sidewalk is less than 5-feet wide, a Case C ramp shall be installed.
3. The maximum slope of the lower landing of a Case C ramp shall be 2%. In all cases the lower landing shall be sloped to drain.
4. No vertical obstructions shall be allowed within a Case C Curb ramp.

## CASE "E" CURB RAMP NOTES:

5. Two ramps shall be provided at each corner of an intersection, unless otherwise allowed by the plans or by the Engineer. The centerline and path of travel of both curb ramps must be perpendicular to the gutter.
6. A level landing (4-ft deep with 2% max slope) shall be provided at the upper end of each Case E Curb ramp over its full width to permit safe exit from the ramp surface. If a level landing cannot be installed, then the side flares of the ramp shall slope less than or equal to 8.33%.

## GENERAL CURB RAMP NOTES:

7. When constructing curb ramps, construct concrete gutter to match existing gutter widths. The new gutter shall be flush with the bottom of the curb ramp and the new gutter shall be considered part of the curb ramp construction.
8. Each curb ramp shall be bounded by a 12- inch border band with 1/4 inch deep grooves scored 3/4 inches apart except in the curb and gutter area.
9. Vertical obstructions, such as utility poles and traffic signals, shall only be allowed with the approval of the Engineer.
10. Existing utility boxes and covers shall be adjusted to conform flush with the curb ramp surface. All utility boxes and covers located within the 3'x4' detectable warning area shall be relocated.
11. Where an island passage way length is less than 6 ft, the detectable warning surface shall extend the full width and full depth of the passage way length. Where an island passage way length is greater than or equal to 6 ft but less than 8 ft, a detectable warning surface shall extend the full width and 3 ft in depth of the passage way length at both ends. Where an island passage way length is greater than or equal to 8 ft, a detectable warning surface shall extend the full width and 3 ft in depth of the passage way length at both ends.

NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT BUT AN ELECTRONIC DUPLICATE. THE SIGNED CITY OF OAKLAND STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION IS AVAILABLE FOR PURCHASE FROM THE CONTRACT ADMINISTRATION DEPARTMENT.

CITY OF OAKLAND

ENGINEERING DESIGN DIVISION



# CURB RAMP DETAILS

SHEET 6 OF 6  
GENERAL NOTES

ENGINEERING DESIGN MANAGER

DATE: OCTOBER 2002

REV. DATE: MAY 2004

DWG.

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