

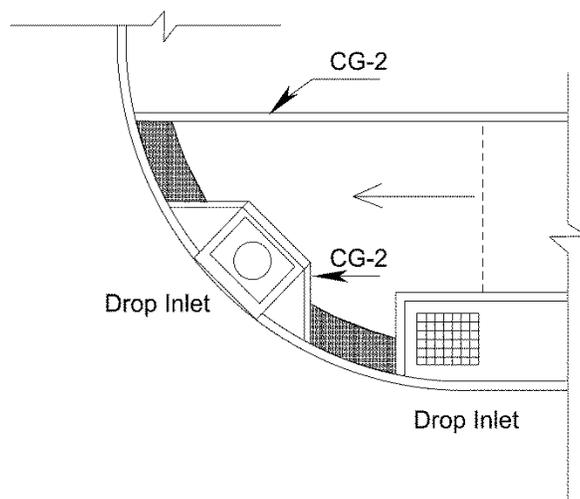
ALTERATION (RETROFIT) CG-12 INTO EXISTING CURB AND GUTTER AND/OR SIDEWALK LOCATIONS*

When retrofitting a CG-12 into an existing curb and gutter location and/or sidewalk location, evaluation must be made for the most appropriate type of CG-12 configuration to match existing conditions with consideration of grade, type of curb and gutter, pedestrian path, available crosswalks, R/W, location of utilities, location of drainage structures, and any other features that may prohibit or affect the placement and design of the curb ramp.

The existing curb and gutter (or curb only) will need to be removed in the area of the ramp. If there is existing sidewalk it may need to be removed back to the point where the proposed curb ramp will meet existing sidewalk grade. A new curb and gutter will need to be placed to match the existing edge of pavement and to tie to the proposed CG-12 as called for on the plans by type. (This may result in a warped surface area of 20:1 rather than normal gutter slope in the area approaching the ramp.) The sidewalk will be placed to meet the selected type of CG-12 shown on the plans and the detectable warning surface will be placed by the acceptable method selected by the contractor as shown in the Standard for CG-12. **If the landing area is placed at the top of the ramp (i.e.: CG-12, Type A) it may be constructed of the same surface as the traversable path (including grass) although it still must meet the minimal requirements of a landing (i.e.: within R/W, flat surface, correct size, etc.).**

For additional information on curb ramps and sidewalks, see [Special Report: Accessible Public Right-of-Way Planning and Designing for Alterations](#) dated August 31, 2007 and IIM-LD-55.

Below are examples of CG-12 configurations for alteration projects when compliance with applicable requirements for new construction is technically infeasible. Alteration shall comply with the requirements to the "maximum extent feasible. For example, space limitations may prohibit a maximum slope of 12:1 (8%), see previous page. **However, curb ramps shall be a minimum of 4 feet wide.**



* Added 1/17