

Curb, Gutter, and Sidewalk Permit Provisions

GENERAL:

1. All construction within the public right of way shall conform to the County Standard Improvement Specifications and Drawings.
2. The County Public Works Department shall be notified at least **24 hours prior to the start of work.**
3. The contractor shall call the County Public Works Department for a **Form Inspection at least 24 hours prior to pouring concrete.**
4. Any contractor performing work under the County Standards shall possess a valid state license to perform such work. The contractor or his duly authorized representative must be available on the job site during the time when any work is in progress.
5. Traffic Control:
 - a. In accordance with Vehicle Code Sections 21350 to 21401 all traffic control shall conform to the standards adopted by the California Department of Transportation, which are contained in the Federal Highway Administration's ***Manual on Uniform Traffic Control Devices (Version specified in the following California Supplement)*** and the Caltrans ***MUTCD 20__ California Supplement (Current Version)***, (MUTCD).
 - b. At a minimum, MUTCD W20-1 (CA Code C23), "ROAD WORK AHEAD", signs shall be placed and **maintained** at all times in both directions on all affected streets, from the start of construction until acceptance by the County Public Works Department.
 - c. If noted on the permit, a Traffic Control Plan shall be prepared by the permittee or his contractor and submitted to the County Public Works Department for approval prior to the start of construction.
 - d. Two way traffic shall be maintained at all times, unless specifically authorized by the Public Works Department.
6. Accessibility and usability of sidewalks, curbs and related facilities within the public right of way by **Persons with Disabilities:**
In accordance with Government Code Section 4450 *et seq.*, and Health and Safety Code Section 19955 *et seq.*, all items, dimensions, and details along **the Accessible Route of Travel** which are required by the ***California Building Code*** (CBC) will be **strictly construed**. All new construction, within the public right of way, not in conformance therewith will be rejected and shall be **removed** and **replaced** at the permittee's expense.
7. Pedestrian Protection shall conform to CBC Chapter 33, Section 3303.

CONSTRUCTION DETAILS:

Unless otherwise noted:

1. The following items shall conform to the listed Standard Drawings:
 - a. Curbs: C-1, Type A. (Also see: e. Curb Ramps, below.)
 - b. Sidewalk: B-1, B-5. The cross slope of new sidewalk shall be greater than 1% and **less than 2%** (greater than 1/8 in. per ft. and **less than 1/4 in. per ft.**).

(Continued over)

- c. Driveways: (Also see: b. Sidewalk, above.)
 - i. Residential: A-11, B-3
 - ii. Commercial: A-11, B-3 or B-8
 - d. Cross Gutters and Spandrels: C-2. (Also see: e. Curb Ramps, below.)
 - e. Curb Ramps: B-7: Note that the 18 in. gutter (C-1) at all Curb Ramps shall have a **maximum cross slope of 5% (Gutter lip 0.07 ft. or 7/8 in. above the flow line maximum)**. Also note that the spandrel (C-2) at all Curb Ramps shall be **no steeper than 5% within 4' of face of curb**.
 - f. Signs: M-6. No "U" bolts are permitted. Except for street name sign panels (which shall use the M-6 bracket), all sign panels shall be attached with through bolts and saddles.
 - g. Removal of portions of existing curbs, or sidewalks, or driveways: B-6.
2. Sidewalk Underdrains shall be rectangular cast iron pipe - ALHAMBRA A-470, or approved equal. They shall be sized to handle the discharge indicated by the drainage calculations. See Encroachment Permit Standard: "SIDEWALK UNDERDRAIN WITH PIPES." Please note: the requirement for a lip at the gutter flow line will be strictly enforced.
 3. 1/2 in. diameter x 18 in. long smooth dowels shall be placed whenever an expansion joint is installed (30 ft. maximum spacing between expansion joints) and at the ends of the Curb, Gutter and Sidewalk. There shall be 2 dowels in the Curb and Gutter and 2 dowels in a Sidewalk up to 6 foot wide, plus 1 dowel for each additional 4 feet of Sidewalk width or portion thereof. Dowels shall also be installed by drilling the existing portland cement concrete and epoxying the dowels wherever new curb, gutter, sidewalk or driveways are constructed adjoining existing, curb, gutter, sidewalk or driveways, etc.
 4. Construct an AC Ramp no steeper than 1V:12H (8.3%) at the end of sidewalk to the existing ground.
 5. All pavement sawcuts shall be subject to approval by the County Public Works Department and shall be either parallel with or perpendicular to traffic; those parallel with traffic shall be out of the wheel path and if possible be at the edge of a traffic lane. There shall be no parallel sawcuts within a Bike Lane. Sawcut to a competent pavement section at 1 ft. minimum from the Existing Edge of Pavement and 2 ft. minimum from the Gutter Lip.
 6. Sufficient new AC paving (Equal to or greater than the existing pavement section, and a minimum of 2 in. Type B Asphalt Concrete over 6 in. Class 2 Aggregate Base, unless otherwise noted.) shall be done so that the cross slope of the new AC pavement shall be greater than 1% and less than 5%. Pave a 1:1 horizontal Asphalt Concrete transition from the existing Edge of Pavement to the ends of the 1V:12H AC Ramps at the ends of the project.
 7. Compaction tests shall be taken on the subgrade and aggregate base (95% minimum relative compaction) by an appropriately licensed professional. All tests shall be at the permittee's expense.