



Construction Staking Requirements

Within Rights-of-Way or Easements

This document outlines the minimum requirements for construction staking within public rights-of-way or easements. They apply to commercial and residential projects with permits for grading and drainage (G&D), drainage facilities, sanitary sewer, storm drain, water, concrete, and/or paving. The Civil/Site Inspector will confirm that the construction staking is installed as required below. Deviations from this policy may be allowed by the Civil/Site Inspector if extraordinary field conditions exist.

Sanitary Sewer/Storm Drain

1. Cut stakes shall be set for grade and line at 25-foot intervals and at each manhole. Grades shall be set to the invert of pipe. The contractor and consultant shall agree upon offset. Line stakes shall be provided for all services.
2. An offset grade stake shall be set for each manhole.

Water

1. Cut stakes shall be set for grade and line at 50-foot intervals. Grades shall be set to the invert of pipe. Line stakes shall be provided for all services, fittings, and other critical points. The contractor and consultant shall agree upon offset.
2. Offset stakes shall be set for location and grade for fire hydrants.

Curb and Gutter

1. Curb stakes shall be set to grade (i.e., bluetops) and tacked for line at 25-foot intervals. The contractor and consultant shall agree upon offset.
2. Cut and fill stakes will be allowed only in instances where offset grades preclude the setting of stakes to grade.
3. Control point stakes (i.e., grade breaks, angle points, transitions, end of aprons, returns, etc.) shall be set to grade, tacked to line, and provided with distinct flagging to differentiate from curb and gutter staking.
4. A reference hub shall be installed for each control point stake.

Sidewalks

1. Staking of sidewalk is not required if it is installed adjacent to curb.
2. Stakes shall be set to line and grade on 25-foot intervals for detached sidewalk.
3. Stakes shall be installed for all control points.

Paving

1. Centerline subgrade shall be staked to grade at 50-foot intervals. Streets wider than 40 feet from face of curb to face of curb shall also be staked to grade at 1/4 points at 50-foot intervals.
2. Centerline ABC shall be staked to grade at 50-foot intervals. Streets wider than 40 feet from face of curb to face of curb shall also be staked to grade at 1/4 points at 50-foot intervals.
3. After paving, locations for monuments shall be re-established, and after installation, monuments shall be punched.
4. Following paving, locations of all utilities that are to be adjusted shall be re-established.