

Scope of Block Corner Reference Monumentation.

Purpose: To reference and replace the block corner reference monuments commonly known as 5x5's or 5 off's within the City of Colorado Springs in advance of proposed removal and replacement of sidewalks and pedestrian ramps.

Method of Survey: Conventional Survey practices (Total Station and Steel Tape) shall be used in lieu of GPS. A minimum of three (3) substantial ties are to be set for each block corner reference to be rehabilitated. Set tie locations shall not be in the vicinity or similar materials of property corners to avoid confusing the tie with the property corner. Ties shall be removed after monument rehabilitation. Required tolerance of set monuments shall be +/- 0.02 of a foot of original monument location.

Surveyor is responsible for coordination with contractor and PPRTA staff on scheduling and preservation of reference ties during and after construction. Block corner reference monuments shall be set within 30 days of concrete placement.

Monuments (supplied by contracted surveyor) to be set are countersunk flush with concrete surface using a Berntsen 1.17" copper concrete markers (BP2) imprinted with the PLS number of the Surveyor in responsible charge and "5x5" or "5 OFF" as required. The referenced location to be punched on survey cap in field.