

TOWN OF ADDISON SIDEWALK PROCEDURES AND SPECIFICATIONS

- 1 Native subgrade shall be cut to a minimum depth of five inches. If any trenching or excavation occurred before placement of sidewalk, care shall be taken to compact all backfill in lifts (8" loose) to a minimum of 95% of Standard Proctor Density, at Optimum to plus three moisture content. Backfill shall be brought to within five inches of finished sidewalk grade. Unless shown otherwise on approved plans, the sidewalk is to be located adjacent to the back of curb. Grades shall anticipate the approach of barrier free ramps at intersections or drive approaches.
- 2 A fine washed sand, free of organic materials and clays, shall be placed in a 1" thick layer and compacted with a vibratory plate compactor for final grade adjustment, PRIOR TO the placement of the steel.
- 3 Concrete sidewalks shall be five (5) feet wide (or as approved) and a minimum of 4" thick. The walk shall be of one course construction of 3,600 psi concrete, six (6) sack mix, and reinforced with 3/8" steel reinforcing bars on eighteen (18) inch centers (4 bars) longitudinally and twenty-four (24) inch centers transversely (minimum.).
- 4 Sidewalks shall be poured in sections and in lengths manageable in allotted work time. They shall be tooled (1/4" radius) in five (5) foot sections (or equal to the width of the walk). One-half (1/2) inch expansion joint shall be placed every eight (8) joints, where new works abut old work, or where new work is constructed adjacent to other concrete work, walls, foundations, vaults, poles, or pedestals, The expansion joint shall be made of pre-molded bituminous filler or redwood, and shall extend the entire depth and width of the concrete section. Expansion joints shall be thickened according to standard drawing.
- 5 Finish walks by lightly brooming the surface transversely to direction of main traffic or, where adjacent sidewalks differ from this standard, new sidewalks shall conform to adjacent sidewalk, i.e., exposed aggregate. Cross-slope sidewalk one-fourth (1/4) inch per foot, (max.) or as shown on the drawings to provide drainage.
- 6 Approved barrier-free ramps shall be provide at street intersections and at all drive approaches as required by the Town of Addison. Ramps must comply with the requirements of ADA and/or TAS. Ramps shall contrast adjacent sidewalk both texturally and visually by grooving, and by coloring with an approved stain, or mixing color into concrete before or during placement.