

Curbing

The roadways and all intersecting streets and alleys from Station 49 to Station 87 X 42, from the curb line to the property line of said streets and alleys, shall be curbed with Portland Cement, concrete combined curb and gutter set to the lines and grades as herein established and to the stakes set by the Engineer in charge of the work.

The sub-grade for the curbing shall be 18" below the curb grades the excavation to be made for the full width of the combined curb and gutter, which will be 24". This sub-grade must be thoroughly compacted especially where there is a fill or upon soft or spungy ground. Upon the prepared sub-grade shall be placed a layer of bank gravel to the depth of 6" when compacted. Upon this sub-foundation the concrete curb and gutter shall be constructed in suitable frame work and in such a manner that all shall be of even form, true to line and of the dimensions as given below. The depth at the back from the top of the curb to the bottom of the gutter shall be 12" when when completed, the back being vertical. The top of the curb shall be 6" in width from the back to the intersection of the face with the top of the curb, the corner being rounded to a radius of 2". The face of the curbing shall have a batter of one inch to the foot. The gutter shall extend 18" from the curb line into the street and shall be 7" in thickness at the outside and 6" in thickness at the curbline, the intersection of the face of the curb with the upper side of the gutter being rounded.

The concrete shall be composed of One part Portland Cement to five parts of coarse aggregate mixed and sufficient water added that the surface shall be slightly flushed with mortar after being compacted in permanent position.

The wearing surface shall be one part of Cement to one and one half parts screened sharp sand. Any that has been mixed more than twenty five minutes or that has stood quiet ten minutes will be discarded unless retempered with cement.

The curb and gutter shall be constructed in blocks of not more than seven feet in length with one eighth inch through joints.

The wearing surface shall be three quarters of an inch in thickness and shall cover the top and face of the curbing and gutter. The concrete and wearing surface must be put into the frame work at the same time and tamped together thoroughly and to be carefully floated and finished with brush within not to exceed thirty minutes after curb has been put into the frame-work. The curb and gutter shall be constructed simultaneously so as to leave no possibility of the seam between the same.

Circular Curbing

At the curb corners of intersecting streets and alleys, a Portland Cement concrete combined curb and gutter shall be placed, the outer surface of which shall be built to a radius of 6' for streets and 4' for alleys. The curb and gutter shall be built as described for straight curbing.

The Contractor shall reconstruct on demand of the Engineer all blocks of curb and gutter that may show any defects which might result from imperfect workmanship, faulty material or from the action of the weather.

Marginal Curbing.

A marginal or retaining curb shall be placed at the ends of street and alley intersections and other places as indicated on profile by heavy lines. This marginal or retaining curb shall be of concrete 18" deep and 6" thick, concrete to be the same as specified for curb and gutter. The top of said curb shall be set flush with the top of finished pavement and conform to an accepted standard cross-section of such pavement. All backing for said curb must be thoroughly rammed and tamped in this position.

Curb Inlets

The Contractor will furnish and place in position all curb inlets and sewer pipe as shown on profile, and conform to line and grade as shown.