

Winnipeg Macadam Specifications.

Specification for Macadam Pavement.

Contractors may tender for any or all of the streets. Streets shall be graded to levels and lines to be given by the Engineer.

After grading, the surface for pavements shall be consolidated by rolling with a roller to be furnished by the City. The contractor to be charged with the cost of running the roller, which cost shall be determined by the City Engineer.

The rolling shall be of such duration as may from time to time be determined by the Engineer.

Any surplus earth is to be hauled, disposed of and levelled off at places and in manner satisfactory to the Engineer.

Drains shall be cut at the sides of the roadways from 12 inches to 18 inches in depth below the graded surface.

The drains shall be graded to catch-basins or side ditches, and connected with them by 6-inch vitrified pipe or by box drains, as the Engineer may require.

The drains shall be filled with large screened gravel or broken stone. If gravel, no stone to be less than $\frac{1}{2}$ inch in diameter.

Cross-drains shall be cut 100 feet apart on street to connect with side drains, and shall be filled with stone.

Gutters shall be formed 4 inches to 8 inches in width at the outside of the macadam. They shall be constructed of selected blocks of limestone not less than 8 inches or more than 2 feet in length, and not less than 6 inches in depth, on a bed of gravel 6 inches deep. Surface of gutter stones to be self-face or bed of the stone, back to fit up to the curb blocks as well as selected stones will admit of without dressing—ends of stones to be roughly squared. If required by the City Engineer, gutter stones shall be replaced by broken stone.

On the prepared foundation shall be laid a course of broken stone, which, when broken and rolled, shall be 7 inches in depth at the centre, diminishing to 5 inches at the sides. The stone for this course shall be hard limestone or other rock of satisfactory quality, clean and free from dust; the stones shall, as nearly as possible, approach a cube in form,