

(Copy.)

Office of the City Engineer,
Winnipeg, Man., 3rd August, 1900.

The Chairman and Committee on Works.

Gentlemen,—

I enclose herewith report of Mr. E. P. North, Vice-Pres. Am. Soc. C. E., on our macadam pavement.

The following are the estimated costs of the different kinds of street spoken of per square yard, taking the cost of our present street at $77\frac{1}{2}$ c.

One layer of limestone 5 inches at sides, 7 inches in centre, with 3 inches of sand or stone screenings under, 60c.

Present specification, $77\frac{1}{2}$ c.

Present specification with addition of 3 inches sand or stone screenings under, 90c.

Experience has not shown that the under layer of sand or stone screenings is necessary for the pavement as now constructed. It, no doubt, would be necessary if the top layer were reduced to 5 and 7 inches.

With reference to Mr. North's recommendation that the road be filled with screenings of hornblendic schist: As the stone is crushed here the screenings are used for this purpose. Of course Mr. North did not know this.

I enclose a copy of my letter to Mr. North and one of our specifications.

Your obedient servant,

(Signed) H. N. RUTTAN,
City Engineer.