

## ENGINEER'S REPORT.—APPENDIX No. 7.

ENGINEER'S OFFICE,

Northern Railway of Canada,

TORONTO, February 10th, 1863.

*To the President and Board of Directors :*

GENTLEMEN,—I have the honour to submit my Annual and Final Report on the works of Construction, Restoration and Maintenance, which have been under my charge up to the commencement of this year.

I shall first allude to the several works which have been executed under contract, dated May 30th, 1860, with Thomas Brassey, of London, England.

This contract comprises the following services, viz. :—

1. *Permanent Way*, inclusive of new and re-rolled Rails, Chairs, Cross-ties, Spikes, repairs of Rails and Ballast.
2. *Bridges and New Works*, comprising Stone Culverts, Iron Girder Bridges, Earth Filling, Widening Embankments, &c.
3. *Road Crossings, Land and Fencing*, comprising Over-Bridges, Level Crossings, Land Damages, Compensation to Farmers, New Fencing, and renewal of Fencing.
4. *Restoration of Rolling Stock*, including purchase of Machinery for repairs and rebuilding Freight and Passenger Cars.
5. *Station Accommodation*, comprising grading and extension of Toronto Depot, erection of Freight House, Blacksmith Shop, Passenger House and Breast Work.
6. *Superintendence and Engineering*.—On these and all other services under the contract, except maintenance of way, which formed a charge against Revenue the total new capital appropriated, viz. : the sum of \$696,548 92 has been expended.
7. *Supplementary Works*, consisting of erection of General Offices, including purchase of Land for the same, extension of Wharf, with erection of Freight Shed thereon at Collingwood, erection of Grain House on Wharf, Toronto, Steam Engine and Elevating Machinery at Toronto and Collingwood, purchase of Iron and Tools for main-

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