

deducting for transporting and tolls, leaves the sum of \$1,782.17 to be applied to labour.

Jobbing done for Fort Henry, amounting to \$71.69; Custom House, Kingston, \$1.75; and packing cases for shipping Manitoba Mounted Police clothing, \$64.00.

For the above work, which we have performed, and accounts rendered for, we will be found credited in the several Departments mentioned, with the total amount, \$13,209 64, and is shown in tables of cash returns by the Carpenter and Trades Department, Blacksmith and the Mason Departments. By deducting from this amount, say one per cent., for wear and tear of machinery or tools, and the balance applied to 12,650 days' work which has been expended, would give each man fully one dollar per day. The balance, \$5,333.19, which is shown in the tables of the above-mentioned three departments has been principally made up by filling orders for cut, rubble and macadam stone, and some minor jobbing, making up the total amount of cash to \$18,542.83.

The tops of the four solitary cells have been covered over with a floor of cut stone, 14 inches thick, in large stones, and two 1½-inch diameter, 6-inch long, iron dowels in each vertical joint, and 2-inch by ¾-inch iron cramps let into on top face across each joint, and the whole leaded together, and all joints run with cement. This makes the roof of these cells secure.

A piece of a new stone duct has been built over water pipes between blacksmith shop, wash-house and stonecutters' shop, so as to enable us to lay a pipe from new tank, in course of construction for the east end of south workshop, into main drain and to Bucket Ground, to supply it with water; also, to enable us to ventilate main drains at this point.

At what is termed "The Bucket Ground," and also where the main drains meet and join into one, inside of yard, near the centre of south boundary wall, has been excavated, and the ventilating and water pipe ducts and traps thereto have been built of solid masonry, and each double grated, and every precaution taken to make this point as strong as possible—still giving access to water pipes and main drain. On the top of all, a raised platform, 8 inches thick, of large dressed stone, has been laid, to receive the necessary water tank for cleaning purposes, with gutter all round, and made so as to discharge into main drain. This improvement will greatly increase the cleanliness of the place.

Considerable work has been done in the rebuilding of the west workshop, and the adapting of it for the Convict Lunatic Asylum. The roof was put on during the winter of 1875 and 1876, and during the building season the front was taken down and rebuilt, together with other work on door and window opes, and a portion of the excavation in the interior for the basement has been made; also, a portion of wood work of window frames, and cut stone for walls, have been prepared; iron joists, a quantity of brick and sand have been laid down. The work of providing and preparing is going on.

The tram railway, which was eight years old, rails of which were constructed of wood, with 2½ by ¾-inch flat iron bars, spiked on top, became so dilapidated during the last three years of its existence, requiring constant repairs and considerable outlay for materials annually, and then not giving anything like satisfaction, you turned your attention to obtaining old rails from the Grand Trunk Railway Company, which you secured at a low figure, thus enabling us to reconstruct 1,500 yards of main line from the first quarry to derrick in rear of stonecutters' shop in yard, and 300 yards of sidings, making a total of 1,800 yards, lineal 3 ft. 6 in. gauge, of good and lasting road, at a cash outlay of \$2,274.

In the reconstructing of the road, great care has been taken to bed the ties on, and ballast with broken stone. The whole has been kept high by forming deep water tables in cuttings, and on embankments, the bed well rounded up from edges of slopes, thus keeping the ties as dry as possible. The slopes of embankments have all been graded, covered with clay, and soddled down—materially improving it, especially that portion which runs parallel with boundary wall.

The additional room made in the blacksmith shop by taking in the twelve feet