

*Gradients.*

d.

£ s. d.

	<i>Feet.</i>
2 level planes, . . . . .	7,800
1 plane of 0,15 in 100, or 7.92 to a mile, .	1,000
1 do of 0,25 in 100, or 13.20 do .	1,200
1 do of 0,75 in 100, or 39.60 do .	1,400

**SEIGNIORIES OF CHAMBLY, MONTARVILLE AND LONGUEUIL.**

Length of line in these Seigniories, 13.95

*Substructure.*

0	0	Amount of Excavation, 146,832 cubic yards, at 1s.	
		per yard, . . . . .	7,341 12 0
4	0	Masonry in 3 culverts, 60 cubic yards, at 9s. per	
		yard, . . . . .	27 0 0
0	0	Masonry in 12 cattle guards, 180 cubic yards at 9s.	
		per yard, . . . . .	81 0 0
0	0	Masonry in 6 cattle passes, 180 cubic yards, at 9s.	
		per yard, . . . . .	81 0 0
2	0		7,530 12 0

*Superstructure.*

0	0	Timber for 12 cattle guards and 6 cattle passes, .	1 17 6
9	8	111,400 feet plank, at £3 per M. . . . .	334 4 0
9	10	28,882 cedar sleepers, at £1 15 per 100, . . . . .	505 8 8
10	8	8,252 chairs at 16 lbs a piece, 132,032 lbs at 1d.	
18	8	per lb., . . . . .	550 2 8
8	9	62,775 lbs spikes, at £25 per ton, . . . . .	700 12 3
0	0	2,772,672 lbs rail road iron, at 1d. per lb. . . . .	11,552 16 0
6	0	Laying the superstructure, . . . . .	1,395 0 0
0	0	8,930 rods fence, . . . . .	446 10 0
15	7	Land damages, . . . . .	420 0 0
15	7		23,437 3 1
11	2	Incidental expenses, contingencies, &c., 10 per cent, 2,343 14 4	
			25,780 17 5

Average cost per mile, £1,848 1s. 10d.