

very probably ten years, so as that with prompt and judicious repair, it will not require to be renewed in a shorter period.

Part of the plank road alluded to has been laid five years, and has required no repair. In order, however, that the statement with reference to plank roads may be fully relied on, it has been made in every way rather to exceed the actual cost than to be below it. The remaining part of that road has been laid four years. On examining the part first laid, it was found that the wear was equal to about half an inch only; and it may be observed that nearly every carriage travels on the middle of the road. Judging from the amount of tolls paid up to January, 1840, the extent of travelling was equal to about two-thirds of that on the macadamized road on Yonge Street. It is,

however, believed, that since that period the carriage of pine cord wood has so much increased as to make it nearly the same; at any rate, the road has been exposed to as severe a test of wear and tear as any road is likely to be for many years to come in the Province, and far beyond what will be the case in general. It is confidently believed therefore that the repair and renewal of the road will not exceed the following estimate:—

At the end of five years.....	£ 50
Ditto, six years.....	100
Ditto, seven years.....	200
Ditto, eight years.....	300
	£850

With the above repairs the road will be as good as new at the end of eight years.

A calculation of the cost of a Plank Road at the end of eight years, reckoning repairs, interest of money expended, &c.

		£	s.	d.	£	s.	d.
End of the 1st year	} Original cost of the timber and fixing, with forming the same £200.....	.....	800	0	0		
		Interest of principal sum.....	48	0	0	
2d year.....	Ditto do.....	.....	50	5	0		
3d year.....	Ditto do.....	.....	53	8	0		
4th year.....	Ditto do.....	.....	57	5	0		
5th year.....	Ditto do.....	.....	60	0	0		
"	Required repairs.....	.....	50	0	0		
6th year.....	Interest.....	.....	70	5	0		
"	Repairs.....	.....	100	0	0		
7th year.....	Interest.....	.....	80	6	0		
"	Repairs.....	.....	200	0	0		
8th year.....	Interest.....	.....	97	8	0		
"	Repairs.....	.....	300	0	0		
The entire cost of a plank road to the public at the end of eight years will be.....		.....	1366	15	0		

COMPARATIVE VIEW.

Cost of a Macadamized Road to the public for a period of eight years.....	£2919	10	0
Cost of a Plank Road for the same period.....	1966	15	0
Saving to the public.....	952	15	0

It is assumed in this estimate, that both roads are in a perfect state of repair and as good as new at the end of this period.

TIMBER ROADS.

A model of a plank road, together with one of timber, was submitted by the writer of this