

WAITARA AND NEW PLYMOUTH CONTRACT (11 miles 13 chains 6 links, and $\frac{1}{2}$ mile of sidings).—J. BROGDEN AND SONS.

Dated, 19th July, 1873. Time of Completion, 1st April, 1875.

Description.	Unit.	Quantity.	Rate.	Amount.	Total.
<i>Grading.</i>					
Cutting to banks ...	c. yd.	58,832	/10	£ 2,451 6 8	£ s. d.
" spoil ...	"	8,970	/10	373 15 0	
Side cutting ...	"	38,352	/10	1,598 0 0	
Loose rock to bank ...	"	948	3/	142 4 0	
Haulage, average 400ft. ...	"	108,511	/6	2,712 15 6	
Solid rock ...	"	1,309	5/	327 5 0	
Ditching, not to exceed ...	"	2,000	1/3	125 0 0	
Catchwater drains above slopes ...	"	495	6/	148 10 0	
" in cutting ...	"	495	25/	297 0 0	
Forming line ...	ch.	103	25/	128 15 0	
Trimming line ...	"	871	8/6	370 3 6	
Retaining walls, in cement ...	c. yd.	316	35/	553 0 0	
Pitching, dry stone ...	sq. yd.	327	5/6	89 18 6	
" backing ...	c. yd.	60	15/	45 0 0	
Felling, 3ch. wide ...	acre	11.6	45/	26 2 0	
Clearing, 1ch. wide ...	"	4.5	£5	22 10 0	
Grubbing ...	ch.	46	15/	34 10 0	
Clearing furze and fern ...	mile	4	£10	40 0 0	
Level crossings—					
1st class, exclusive of cattle-stops and drain-pipes ...	No.	1	£80	80 0 0	
2nd class ditto ...	"	12	£60	720 0 0	
3rd class ditto ...	"	4	£40	160 0 0	
Private ditto, and sign-posts ...	"	22	£17	374 0 0	
Stream diversions—					
Earthwork, not to exceed ...	c. yd.	2,161	1/3	135 1 3	
Road diversions and approaches to crossings, not to exceed ...	"	11,000	1/6	825 0 0	
Forming ditto ...	ch.	20	...	20 0 0	
Metalling ...	c. yd.	440	12/	264 0 0	
					12,063 16 5
<i>Bridges and Culverts.</i>					
Excavation of foundations ...	c. yd.	640	1/6	48 0 0	
" rock ...	"	160	2/6	20 0 0	
Inlets and outfalls, not to exceed ...	"	1,000	1/3	62 10 0	
Timber ...	C b. m.	2242.87	37/6	4,205 7 7	
Piling ...	l. ft.	5,332	5/	1,333 0 0	
Ironwork in bolts, &c. ...	lb.	44,863	/8	1,495 8 8	
Rubble masonry, in cement ...	c. yd.	171	35/	299 5 0	
Punring soil ...	c. ft.	2,760	1/	138 0 0	
Glazed tile drains—					
12in. ...	l. yd.	137	18/	123 6 0	
9in. ...	"	132	12/	79 4 0	
6in. ...	"	156	8/	62 8 0	
					7,866 9 3
<i>Fencing.</i>					
Post and rails ...	ch.	1,160	27/6	1,595 0 0	
Cattle-stops ...	No.	5	£16	80 0 0	
Gates and turnstile, not to exceed ...	"	1	£11	11 0 0	
Turnstiles ...	"	2	30/	3 0 0	
Slip-panels ...	"	42	10/	21 0 0	
					1,710 0 0
<i>Permanent-way, per mile.</i>					
Ballast ...	c. yd.	1,467	4/	293 8 0	
Plate-laying ...	l. yd.	1,760	2/	176 0 0	
Sleepers ...	No.	2,020	3/6	358 15 0	
Cartage of material ...	ton	132	4/6	29 14 0	
Waste and loss ...	...	...	...	20 0 0	
For 1 mile ...	...	...	...	877 17 0	
Total for 11m. 13.06ch. ...	...	...	...	10,237 18 6	
Sidings, not to exceed 40ch. ...	c. yd.	1,000	1/6	75 0 0	
Carried forward ...	...	...	...	10,312 18 6	21,640 5 8