

Attachment 9.1 – Productivity calculation due to longer hours of works (Travel allowance scheme)

Roadworks Current Personnel Roster

Construction Team

Grader Operator (Construction)	Grade 10/3	Week	1	2
	Hourly Rate	\$28.56	Mon-Fri	Mon-Fri
			5 DAYS	RDO
		Base Salary	1,085.39	1,085.39
		Overtime		
		Travel Allowance		
		Total		2,170.78

Water Cart Operator	Grade 5/3	Week	1	2
	Hourly Rate	\$25.09	Mon-Fri	Mon-Fri
			5 DAYS	RDO
		Base Salary	953.24	953.24
		Overtime		
		Travel Allowance		
		Total		1,906.48

Roller Operator	Grade 5/3	Week	1	2
	Hourly Rate	\$25.09	Mon-Fri	Mon-Fri
			5 DAYS	RDO
		Base Salary	953.24	953.24
		Overtime		
		Travel Allowance		
		Total		1,906.48

Truck Driver I	Grade 7/3	Week	1	2
	Hourly Rate	\$26.17	Mon-Fri	Mon-Fri
			5 DAYS	RDO
		Base Salary	994.50	994.50
		Overtime		
		Travel Allowance		
		Total		1,989.00

Truck Driver II	Grade 7/3	Week	1	2
	Hourly Rate	\$26.17	Mon-Fri	Mon-Fri
			5 DAYS	RDO
		Base Salary	994.50	994.50
		Overtime		
		Travel Allowance		
		Total		1,989.00

Maintenance Crew

Grader Operator (Maintenance)	Grade 9/3	Week	1	2
	Hourly Rate	\$27.74	Mon-Fri	Mon-Fri
			5 DAYS	RDO
		Base Salary	1,054.21	1,054.21
		Overtime		
		Travel Allowance		
		Total		2,108.42

Water Cart Driver	Grade 5/3	Week	1	2
	Hourly Rate	\$25.09	Mon-Fri	Mon-Fri
			5 DAYS	RDO
		Base Salary	953.24	953.24
		Overtime		
		Travel Allowance		
		Total	1,906.48	

		Weekly	Fortnightly	Per Annum
Financials	<u>Construction Team</u>			
	Grader Operator	\$1,085	\$2,171	\$56,440
	Water Cart Operator	\$953	\$1,906	\$49,568
	Roller Operator	\$953	\$1,906	\$49,568
	Truck Driver I	\$995	\$1,989	\$51,714
	Truck Driver II	\$995	\$1,989	\$51,714
	<u>Maintenance Team I</u>			
	Grader Operator	\$1,054	\$2,108	\$54,819
	Water Cart Operator	\$953	\$1,906	\$49,568
	<u>Maintenance Team II</u>			
	Grader Operator	\$1,054	\$2,108	\$54,819
	Water Cart Operator	\$953	\$1,906	\$49,568
	<u>Maintenance Team II</u>			
	Grader Operator	\$1,054	\$2,108	\$54,819
	Water Cart Operator	\$953	\$1,906	\$49,568
		Total	\$11,003	\$22,006

Roadworks Travel Allowance Personnel Roster

Construction Team

Grader Operator (Construction)	Grade 10/3	Week	1	2
	Hourly Rate	\$28.56	Mon-Fri	Mon-Fri
			5 DAYS	RDO
		Base Salary	1,085.39	1,085.39
		Overtime		
		Travel Allowance	164.30	131.44
		Total	2,466.52	

Water Cart Operator	Grade 5/3	Week	1	2
	Hourly Rate	\$25.09	Mon-Fri	Mon-Fri
			5 DAYS	RDO
		Base Salary	953.24	953.24
		Overtime		
		Travel Allowance	164.30	131.44
		Total	2,202.22	

Roller Operator	Grade 5/3	Week	1	2
	Hourly Rate	\$25.09	Mon-Fri	Mon-Fri
			5 DAYS	RDO
		Base Salary	953.24	953.24
		Overtime		
		Travel Allowance	164.30	131.44
		Total	2,202.22	

Truck Driver I	Grade 7/3	Week	1	2
	Hourly Rate	\$26.17	Mon-Fri	Mon-Fri
			5 DAYS	RDO
		Base Salary	994.50	994.50
		Overtime		
		Travel Allowance	164.30	131.44
		Total	2,284.74	

Truck Driver II	Grade 7/3	Week	1	2
	Hourly Rate	\$26.17	Mon-Fri	Mon-Fri
			5 DAYS	RDO
		Base Salary	994.50	994.50
		Overtime		
		Travel Allowance	164.30	131.44
		Total	2,284.74	

Maintenance Crew

Grader Operator (Maintenance)	Grade 9/3	Week	1	2
	Hourly Rate	\$27.74	Mon-Fri	Mon-Fri
			5 DAYS	RDO
		Base Salary	1,054.21	1,054.21
		Overtime		
		Travel Allowance	164.30	131.44
		Total	2,404.16	

Water Cart Driver	Grade 5/3	Week	1	2
	Hourly Rate	\$25.09	Mon-Fri	Mon-Fri
			5 DAYS	RDO
		Base Salary	953.24	953.24
		Overtime		
		Travel Allowance	164.30	131.44
		Total	2,202.22	

		Weekly	Fortnightly	Per Annum
Financials	Construction Team			
	Grader Operator	\$1,233	\$2,467	\$64,130
	Water Cart Operator	\$1,101	\$2,202	\$57,258
	Roller Operator	\$1,101	\$2,202	\$57,258
	Truck Driver I	\$1,142	\$2,285	\$59,403
	Truck Driver II	\$1,142	\$2,285	\$59,403
	Maintenance Team I			
	Grader Operator	\$1,202	\$2,404	\$62,508
	Water Cart Operator	\$1,101	\$2,202	\$57,258
	Maintenance Team II			
	Grader Operator	\$1,202	\$2,404	\$62,508
	Water Cart Operator	\$1,101	\$2,202	\$57,258
	Maintenance Team III			
	Grader Operator	\$1,202	\$2,404	\$62,508
	Water Cart Operator	\$1,101	\$2,202	\$57,258
	Total	\$12,630	\$25,260	\$656,749

Additional Cost of Constant TA (assuming and average travel of 34 to 50km)

\$84,582

Productivity Calculation

Daily productivity Calculation

Time	Total Time	Work Time	Maintenance Time	Site Establishment	Break	Travel
Morning	7.00	7.00				
Lunch	12.00	12.00				
Afternoon	12.45	12.45				
Finish	16.25	15.75	0.5	0.5		
Time	Total Time	Work Time	Maintenance Time	Site Establishment	Break	Travel
Current Actuals	8.5					
With Travel Allowance	8.50	7.33	0.5	0.5	0.17	0
Without Travel Allowance	8.50	6.33	0.5	0.5	0.17	1
Current Actuals	8.50	8.50				

Definitions

Total Time	All paid time, this excludes travel allowance as this is a distance based payment, not a time based payment
Work Time	Actual productive grader hours
Maintenance time	Time used to perform daily checks, greasing, blade replacement, filter cleaning etc
Site Establishment Time	Time used for setting up pumps, or setting up traffic control etc - This time may be concurrent with Maintenance time
Break time	Time used as a paid break (smoko) This does not include lunch time as this is an unpaid break
Travel Time	Time used for travel

