

































































































































Jacksons Hill Creek Crossing - South SS-RD-04-01 (Approx. length 1294m, excluding Intersections)

			Description	Quantity	/ Uni	t	Rate		Amount	Comments
1	WORKS		EARTHWORKS							
	1.1	Pre-cons	truction Demolition and site preparation	43,99	5 m2	S	5.40		227 570 40	Excluding batters
	1.2	Earthwor	ks	43,99	5 M2	3	5.40	\$		
		1.2.1	Cut and disposal	39,63	3 m3	\$	55.00	\$	2,180,062.50	Includes rock excavation and disposal. Additional 10% contingency applied
		1.2.2	Fill		m3	s	37.80	\$	-	
			Cut to fill	7,45	3 m3	\$	70.00	\$	521,675.00	Additional 10% contingency applied
	1.3	Set-Out	Allow for site set out		1 Iten		12,500.00	•	12,500.00	
					1 1101		12,000.00	Ψ.	12,000.00	
2		AVEMEN								
	2.1	New Pav	ement							Includes pavement to Traffic lane (3.5m)
		2.1.1	Road pavement - Traffic lanes	15,01) m2	\$	156.60	\$	2,350,628.64	parking bay (2.3m) to both sides total wid
	2.2	Rehabilit	ate Existing Pavement							(11.6m)
		2.2.1	Pavement profiling and reshaping	-	Allo	v. \$	-	\$	-	Assume all new works.
3	CONCR	ETE WOR	ks							
-	3.1	Kerb and	I Channel							
		3.1.1	Kerb and channel	5,17	6 LN	\$	48.60	\$	251,553.60	Kerb and channel to both sides of each tr lane
	3.2	Pedestria	an & Cycle Paths							
		3.2.1	Pedestrian footpath	3.88	2 m2	s	59.00	s	229.038.00	Pedestrian path to both sides of proposed
				0,00		•	22.00	-		road each (1.5m) wide. Total span (3.0m)
		3.2.2	Cycle pathway	4,40) m2	\$	66.00	\$	290,373.60	Two way Cycle path (1.7m) wide each sid the road. Total span (3.4m) wide
			Shared pathway		m2	\$	66.00	\$		Assumed not included in SS-RD4
	3.3	Median s 3.3.1	strip Median (Levelled ground)	9.05	3 m2	S	32.40	s	293,479.20	
			mean (coroner greens)	-,		-		•	200,110,20	
4	DRAINA 4.1	GE Drainage	- Pines							
		4.1.1	Stormwater drainage (300mm DIA)	1,29				\$	-	
		4.1.1 4.1.2	Stormwater drainage (300mm DIA) Stormwater drainage (450mm DIA)	34: 90		\$	216.00 260.00		74,534.40 235.508.00	
		4.1.3	Stormwater drainage (525mm DIA)	38	3 LN	\$	383.50	\$	148,874.70	
	4.2	4.1.4 Drainage	Drainage, sub grade drain	2,58	3 LN	\$	54.00	\$	139,752.00	
		4.2.1	- Pits Side entry pits	3			2,700.00		93,168.00	Assumed spacing of 75m
	4.3 4.4	Drainage	- WSUD - Miscellaneous	3	5 Allo			\$	51,760.00	
5	TRAFFI 5.1	C Traffic Si	ignals							
	5.2	5.1.1	Traffic signals (incl. conduit subset)	-	LM	. \$	-	\$	-	
	5.2	Traffic S	Line marking and Traffic Signage	1.29	t LN	s	32.00		44 400 00	Includes fixed signage, guide posts, line
		5.2.1	Line marking and Traffic Signage	1,29	+ LIV	3	32.00	\$	41,408.00	markings, traffic safety
6	LANDS	CAPE								
	6.1	Trees	Tree planting (2-2.5m tall)	3:	2 No	S	350.00	•	11 200 00	Allowance only
	6.2	Landsca	ping							
			Tube stock plantings	10,80		_		_	32,400.00	Allowance of 2 per m2 to nature strip Topsoiling and seeding of nature strips, varying in widths
			Nature strip	10,80) m2	\$	10.00	\$	108,000.00	varying in widths
7	7.1	Street Li	G abting							
		Oli Cot El	grining							
		7.1.1	Street lighting (incl. lighting conduits)	2	S No	\$	12,500.00	\$	323,500.00	Assume install poles 12m high with lumin placed every 50m (roads) to one side. Ra
										includes for electrical lighting conduits
8	MISCEL 8.1	8.1.1	Speed cameras	_	Iten	1 \$		\$		Excluded
	0.1	8.1.2	Speed bumps	-	No			\$		Excluded
	8.2	Retaining			LN					
	0.2	8.2.1	Retaining wall (0-2m high)	10) LN	\$	1,120.00	\$	112,000.00	Up to 2m high
		8.2.2	Retaining wall (3-5m high) Retaining wall (6-8m high)	15	7 LN	\$	4,480.00 7,840.00	\$	703,360.00	Up to 5m high Up to 8m high
		8.2.4	Retaining wall (9-11m high)	10					1,120,000.00	Up to 11m high
_	oec:-									
9	SERVIC 9.1		Relocation		Allo	v. \$		\$		Excluded
	9.1		Protection		Allo			\$		Excluded
				SUB TOTAL	- WOD	ve		\$	9,562,354.04	
				SUB TOTAL	- WOR	no		Þ	9,562,354.04	
10	DELIVE	RY Fees								
	10.1	Fees Council F	ees	3.25	% Iten	1		\$	310,776.51	
	10.2	VicRoad	s Fees	1.00	% Iten	n		\$	95,623.54	
	10.3 10.4	Traffic M Environn	anagement nental Management	5.00° 0.50°				\$	478,117.70 47,811.77	
	10.5	Survey 8	Design	5.00	% Iten	1		\$	478,117.70	
	10.6	Supervis	ion & Project Management blishment	9.00				\$	860,611.86 239,058,85	
	10.7	Continge		15.00	% Iten	1		\$	1,434,353.11	
				SUB-TOTAL	DELIVE	RY		\$	3,944,471.04	
								_		

Jacksons Hill Creek Crossing - South SS-RD-04-02 (Long Options, approx. length 621m, excluding Intersections)

			Description		Quantity	Unit		Rate	Amount	t Comments
	WORKS			•	•					
1	SITEWO	RKS AND	EARTHWORKS							
	1.1	Pre-cons 1.1.1	Demolition and site preparation		21,114	m2	\$	5.40	\$ 114,0	15.60
	12	Earthwo								
	1.2									
		1.2.1	Cut and disposal		6.986	m3 m3	\$	55.00 37.80	\$ 264.0	- 180.25 Additional 10% contingency applied
		1.2.3	Cut to fill		13,864	m3	\$	70.00	\$ 970,4	162.50 Additional 10% contingency applied
	1.3	Set-Out	Allow for site set out		1	Item	s	12,500.00	\$ 12.5	500.00
								,		
2		New Pav								
	2.1									ne2 76 Includes pavement to Traffic lane (3.5m) and pa
		2.1.1	Road pavement - Traffic lanes		7,204	m2	\$	156.60	\$ 1,128,0	bay (2.3m) to both sides total width (11.6m)
	2.2	Rehabilit	ate Existing Pavement							
		2.2.1	Pavement profiling and reshaping			Allow.	\$	-	\$	- Assume all new works.
3		ETE WOR								
	3.1	Kerb and	Channel Kerb and channel		2,484	LM	s	48.60	\$ 120.7	22.40 Kerb and channel to both sides of each traffic la
	3.2	Pedestri	an & Cycle Paths		-,		•			
		321	Pedestrian footpath		1.863	m2	s	59.00	\$ 109.9	Pedestrian path to both sides of proposed road (1.5m) wide. Total span (3.0m) wide
										(1.5m) wide. Total span (3.0m) wide
			Cycle pathway		2,111	m2	\$	66.00		Two way Cycle path (1.7m) wide each side of th road. Total span (3.4m) wide
	3.3	3.2.3 Median s	Shared pathway			m2	\$	66.00	\$	- Assumed not included in SS-RD4
	3.3	3.3.1	Median (Levelled ground)		4,347	m2	\$	32.40	\$ 140,8	142.80
4	DRAINA	C.F.								
4	4.1	Drainage	- Pipes							
		4.1.1	Stormwater drainage Stormwater drainage (300mm DIA)		621 166	LM LM	s	216.00	\$ 25.7	769.60
		4.1.2	Stormwater drainage (450mm DIA)		621	LM	\$	260.00	\$ 161,4	160.00
		4.1.3	Stormwater drainage (525mm DIA) Drainage, sub grade drain		1.242	LM	\$	383.50 54.00	\$ 67.0	. 068.00
	4.2	Drainage	- Pits Side entry pits		-		-			
	4.3	4.2.1	Side entry pits - WSUD		17 17	No. Allow.	\$	2,700.00 1,500.00		12.00 Assumed spacing of 75m 40.00
	4.4	Drainage	- Miscellaneous		- "	No.	\$	-	\$	- Assumed none.
5	TRAFFI	r								
٠	5.1	Traffic S	ignals							
	5.2	5.1.1 Traffic S	Traffic signals (incl. conduit subset)		-	LM.	\$	-	\$	-
			Line marking and Traffic Signage		621	LM	s	32.00	\$ 19.8	872.00 Includes fixed signage, guide posts, line markin
										traffic safety
6	LANDS 6.1	CAPE Trees								
		6.1.1	Tree planting (2-2.5m tall)		14	No.	\$	350.00	\$ 4,9	00.00 Allowance only
	6.2	Landsca	ping Tube stock plantings		2,432	m2	\$	3.00	\$ 72	296.00 Allowance of 2 per m2 to nature strip
			Nature strip		2,432	m2	s	10.00	\$ 242	Topsoiling and seeding of nature strips, varying
7	STREET	LIGHTIN			2,402	IIIZ	φ	10.00	9 24,3	widths
•	7.1	Street Li	ghting							
										Assume install poles 12m high with luminaries
		7.1.1	Street lighting (incl. lighting conduits)		12	No.	\$	12,500.00	\$ 155,2	250.00 placed every 50m (roads) to one side. Rate incl for electrical lighting conduits
										Tor Grounda ngriang conduits
8	MISCEL	LANEOUS	s							
	8.1	8.1.1 8.1.2	Speed cameras Speed bumps		:	Item No	\$	-	\$	- Excluded - Excluded
					•		Þ	-	•	- Excluded
	8.2	Retainin 8.2.1	g walls Retaining wall (0-2m high)		100	LM LM	s	1.120.00	\$ 110.0	00.00 Up to 2m high
		8.2.2	Retaining wall (3-5m high)		100	LM	\$	4,480.00	\$ 448,0	00.00 Up to 5m high
		8.2.3 8.2.4	Retaining wall (6-8m high) Retaining wall (9-11m high)		50	LM	\$	7,840.00 11,200.00	\$ 392,0 \$	000.00 Up to 8m high - Up to 11m high
		0.2.4	Retaining waii (8-111111igh)		-	LIW	φ	11,200.00	•	- Op to Till light
	SERVIC									
9	9.1	Services	Relocation Protection		•	Allow.	\$	-	\$ \$	- Excluded - Excluded
9		50,1000								
9	9.2				SUB TOTAL -	WORKS			\$ 4,497,4	64.31
9	9.2									
9										
		RY Fees Council	Fees		3.25%	Item			\$ 146,1	67.59
	10.1 10.2	Fees Council VicRoad	s Fees		1.00%	Item			\$ 44,9	074.64
	DELIVE 10.1	Fees Council VicRoad Traffic M	s Fees anagement						\$ 44,9 \$ 224,8	074.64
	10.1 10.2 10.3 10.4 10.5	Fees Council VicRoad Traffic M Environn Survey 8	s Fees lanagement nental Management i Design		1.00% 5.00% 0.50% 5.00%	Item Item Item Item			\$ 44,9 \$ 224,8 \$ 22,4 \$ 224,8	174.64 173.22 187.32 173.22
	10.1 10.2 10.3 10.4	Fees Council VicRoad Traffic M Environr Survey & Supervis Site Esta	s Fees anagement nental Management : Design ion & Project Management biblishment		1.00% 5.00% 0.50%	Item Item Item			\$ 44,9 \$ 224,8 \$ 22,4 \$ 224,8 \$ 404,7 \$ 112,4	174.64 173.22 187.32 773.22 71.79
	10.1 10.2 10.3 10.4 10.5 10.6	Fees Council VicRoad Traffic M Environn Survey & Supervis	s Fees anagement nental Management : Design ion & Project Management biblishment		1.00% 5.00% 0.50% 5.00% 9.00% 2.50% 15.00%	Item Item Item Item Item Item			\$ 44,9 \$ 224,8 \$ 22,4 \$ 224,8 \$ 404,7 \$ 112,4 \$ 674,6	774.64 773.22 773.22 773.23 78.26.61 198.66
	10.1 10.2 10.3 10.4 10.5 10.6 10.7	Fees Council VicRoad Traffic M Environr Survey & Supervis Site Esta	s Fees anagement nental Management : Design ion & Project Management biblishment		1.00% 5.00% 0.50% 5.00% 9.00% 2.50%	Item Item Item Item Item Item			\$ 44,9 \$ 224,8 \$ 22,4 \$ 224,8 \$ 404,7 \$ 112,4	774.64 773.22 773.22 773.23 78.26.61 198.65
	10.1 10.2 10.3 10.4 10.5 10.6 10.7	Fees Council VicRoad Traffic M Environr Survey & Supervis Site Esta	s Fees anagement nental Management : Design ion & Project Management biblishment		1.00% 5.00% 0.50% 5.00% 9.00% 2.50% 15.00%	Item Item Item Item Item Item Item Item			\$ 44,9 \$ 224,8 \$ 22,4 \$ 224,8 \$ 404,7 \$ 112,4 \$ 674,6	174.54 187.32 187.32 771.79 38.61 1904.03

Jacksons Hill Creek Crossing - South SS-RD-04-03 (Long Options, approx. length 925m, excluding Intersections)

Item			Description	Quantity	Unit		Rate		Amount	Comments
	WORKS									
1	SITEWO	RKS AND	EARTHWORKS							
	1.1	Pre-cons	truction Demolition and site preparation	31,450	m2	S	5.40	•	169.830.00	
	1.2	Earthwor	ks						,	
		1.2.1	Cut and disposal	13,663	m3 m3	\$	55.00 37.80	\$	751,471.67	Additional 10% contingency applied
		1.2.3	Cut to fill	15,888	m3	\$	70.00		1,112,143.55	Additional 10% contingency applied
	1.3	Set-Out	Allow for site set out	1	Item	S	12,500.00	s	12.500.00	
							,	•	,	
2		AVEMENT New Pav								
	2.1									Includes pavement to Traffic lane (3.5m) and
		2.1.1	Road pavement - Traffic lanes	10,730	m2	\$	156.60	\$	1,680,318.00	parking bay (2.3m) to both sides total width (11.6m)
	2.2	Rehabilita	ate Existing Pavement							
		2.2.1	Pavement profiling and reshaping		Allow.	\$	-	\$	-	Assume all new works.
3		TE WOR								
	3.1	Kerb and								Kerb and channel to both sides of each traffic
			Kerb and channel	3,700	LM	\$	48.60	\$	179,820.00	lane
	3.2	Pedestria	in & Cycle Paths							
		3.2.1	Pedestrian footpath	2,775	m2	\$	59.00	\$	163,725.00	Pedestrian path to both sides of proposed roa each (1.5m) wide. Total span (3.0m) wide
		222	Cycle pathway	3 145	m2	s	66.00		207 570 00	
				3,145		-		-	207,570.00	Two way Cycle path (1.7m) wide each side of the road. Total span (3.4m) wide
	3.3	Median s	Shared pathway trip	-	m2	\$	66.00		-	Assumed not included in SS-RD4
		3.3.1	Median (Levelled ground)	6,475	m2	\$	32.40	\$	209,790.00	
4	DRAINA									
	4.1	Drainage	- Pipes Stormwater drainage	925	LM					
		4.1.1	Stormwater drainage (300mm DIA)	925 247	LM	\$	216.00	\$	53,280.00	
		4.1.2	Stormwater drainage (450mm DIA)	648	LM	\$	260.00	\$	168,350.00	
		4.1.3	Stormwater drainage (525mm DIA) Drainage, sub grade drain	278 1,850	LM LM	\$	383.50 54.00	\$ \$	106,421.25 99.900.00	
	4.2	Drainage	- Pits Side entry pits						,	
	4.3	4.2.1 Drainage	Side entry pits - WSUD	25 25	No. Allow.	\$	2,700.00 1.500.00		66,600.00 37,000.00	Assumed spacing of 75m
	4.4		- Miscellaneous		No.	\$	-	\$	-	Assumed none.
5	TRAFFIC	,								
3	5.1	Traffic Si	gnals							
	5.2	5.1.1 Traffic Sa	Traffic signals (incl. conduit subset)		LM.	\$	-	\$	-	
	0.2		Line marking and Traffic Signage	925	LM	s	32.00	•	29 600 00	Includes fixed signage, guide posts, line
										markings, traffic safety
6	LANDSC									
	6.1	Trees 6.1.1	Tree planting (2-2.5m tall)	14	No.	s	350.00	S	4,900.00	Allowance only
	6.2	Landscap	ping							
			Tube stock plantings	3,235		\$	3.00		9,705.00	Allowance of 2 per m2 to nature strip Topsoiling and seeding of nature strips, varyir in widths
7		6.2.2	Nature strip	3,235	m2	\$	10.00	\$	32,350.00	in widths
,	7.1	Street Lig	s phting							
										Assume install poles 12m high with luminaries
		7.1.1	Street lighting (incl. lighting conduits)	19	No.	\$	12,500.00	\$	231,250.00	placed every 50m (roads) to one side. Rate
										includes for electrical lighting conduits
8	MICCE:	LANFOUS								
8	MISCEL 8.1	8.1.1	Speed cameras	-	Item	\$		\$		Excluded
		8.1.2	Speed bumps	-	No.	\$	-	\$	-	Excluded
	8.2	Retaining	walls	-	LM					
		8.2.1	Retaining wall (0-2m high)	160	LM	\$	1,120.00			Up to 2m high
		8.2.2 8.2.3	Retaining wall (3-5m high) Retaining wall (6-8m high)	200 150	LM LM	\$	4,480.00 7,840.00	\$	896,000.00 1,176,000.00	Up to 5m high Up to 8m high
		8.2.4	Retaining wall (9-11m high)	50	LM	\$	11,200.00	\$	560,000.00	Up to 11m high
9	SERVICI									
y			Relocation	-	Allow.	\$		\$		Excluded
	9.2	Services	Protection	-	Allow.	\$	-	\$	-	Excluded
				SUB TOTAL	- WORKS			\$	8,137,724.47	
				SUB TOTAL	HURKS			*	0,137,724.47	
10	DELIVE	RY. Fees								
	10.1	Council F		3.25%	Item			\$	264,476.05	
	10.2 10.3	VicRoads	s Fees	1.00% 5.00%	Item			\$	81,377.24 406.886.22	
	10.3	Environm	anagement ental Management	0.50%	Item			\$	40,688.62	
	10.5	Survey &	Design	5.00%	Item			s	406,886.22	
	10.6 10.7		on & Project Management blishment	9.00% 2.50%				\$	732,395.20 203,443.11	
	10.8	Continge		15.00%	Item			S	1,220,658.67	
				SUB-TOTAL D	DELIVERY	1		\$	3,356,811.34	
11				TOTAL ESTIMATED PROJEC	T COST			\$	11,494,535.81	
								_		

Jacksons Hill Creek Crossing - South SS-RD-04-04 (Long Options, approx. length 245m, excluding Intersections)

ltem			Description		Quantity	Unit		Rate		Amount	Comments
	WORKS										
1	SITEWO	RKS AND EAR									
	1.1	Pre-construct	on nolition and site preparation		8,330	m2	\$	5.40	S	44,982.00	
	1.2	Earthworks			0,000					44,002.00	
		1.2.1 Cut	and disposal		17.632	m3 m3	\$	55.00 37.80		666 484 07	Additional 10% contingency applied
		1.2.3 Cut	to fill		612	m3	Š	70.00		42,833.18	Additional 10% contingency applied
	1.3	Set-Out 1.3.1 Allo	w for site set out		1	Item	S	12,500.00	S	12.500.00	
			W TOT SILE SELECTION			nom	•	12,000.00	•	12,000.00	
2		AVEMENT									
	2.1	New Paveme									Includes pavement to Traffic lane (3.5m) a
		2.1.1 Ros	d pavement - Traffic lanes		2,842	m2	\$	156.60	\$	445,057.20	parking bay (2.3m) to both sides total width (11.6m)
	2.2	Rehabilitate E	xisting Pavement								(11.611)
		2.2.1 Pav	ement profiling and reshaping		-	Allow.	\$	-	\$	-	Assume all new works.
3	CONCR	ETE WORKS									
	3.1	Kerb and Cha									Kerb and channel to both sides of each tra
			b and channel		980	LM	\$	48.60	\$	47,628.00	lane
	3.2	Pedestrian &	Cycle Paths								
		3.2.1 Pec	lestrian footpath		735	m2	\$	59.00	\$	43,365.00	Pedestrian path to both sides of proposed road each (1.5m) wide. Total span (3.0m)
											Two way Cycle path (1.7m) wide each side
		3.2.2 Cyc			833	m2	\$	66.00		54,978.00	the road. Total span (3.4m) wide
	3.3	3.2.3 Sha Median strip	red pathway		-	m2	\$	66.00	\$		Assumed not included in SS-RD4
	3.3		dian (Levelled ground)		1,715	m2	\$	32.40	\$	55,566.00	
4	DRAINA	GE									
•	4.1		nes rmwater drainage								
		4.1.1 Sto 4.1.1 Sto	rmwater drainage rmwater drainage (300mm DIA)		245 65	LM LM	\$	216.00	\$	14,112.00	
		4.1.2 Sto	mwater drainage (450mm DIA)		245	LM	\$	260.00	\$	63,700.00	
		4.1.3 Sto	mwater drainage (525mm DIA) inage, sub grade drain		490	LM	S	383.50 54.00	\$	26,460.00	
	4.2	Drainage - Pit	S.		400		Ť				
	4.3	4.2.1 Side Drainage - W	entry pits SUD		7	No. Allow.	\$	2,700.00 1,500.00	\$	17,640.00 9,800.00	Assumed spacing of 75m
	4.4	Drainage - Mi	scellaneous		-	No.	\$	-	\$		Assumed none.
5	TRAFFI	С									
	5.1	Traffic Signal: 5.1.1 Tra	s ffic signals (incl. conduit subset)			LM.	\$		s		
	5.2	Traffic Safety	nic signais (inci. conduit subset)			LIVI.	٥	-	Þ	-	
		5.2.1 Line	marking and Traffic Signage		245	LM	\$	32.00	\$	7,840.00	Includes fixed signage, guide posts, line markings, traffic safety
6	6.1	Trees									
	6.2	6.1.1 Tre Landscaping	e planting (2-2.5m tall)		4	No.	\$	350.00	\$	1,400.00	Allowance only
	0.2	6.2.1 Tub	e stock plantings		967	m2	\$	3.00	\$	2,901.00	Allowance of 2 per m2 to nature strip
		6.2.2 Nat	ure strip		967	m2	\$	10.00	\$	9,670.00	Topsoiling and seeding of nature strips, varying in widths
7		LIGHTING									, , ,
	7.1	Street Lightin									
		7.1.1 Stre	et lighting (incl. lighting conduits)		5	No.	s	12.500.00	s	61 250 00	Assume install poles 12m high with lumina placed every 50m (roads) to one side. Rate
		7.1.1 SHE	or agricing (incl. lighting controlls)		5	IVO.	9	.2,300.00	Ģ	01,230.00	includes for electrical lighting conduits
8	MISCEL 8.1	LANEOUS 8.1.1 Spe	ed cameras			Item	s		\$		Excluded
	0.1	8.1.1 Spe 8.1.2 Spe	ed cameras ed bumps		- 1	No.	\$	- 1	\$		Excluded
	8.2	Retaining wal									
	0.2	8.2.1 Ret	aining wall (0-2m high)			LM	\$	1,120.00	\$		Up to 2m high
		8.2.2 Ret 8.2.3 Ret	aining wall (3-5m high) aining wall (6-8m high)		190	LM LM	S	4,480.00 7,840.00	\$ S	851,200.00	Up to 5m high Up to 8m high
			aining wall (9-11m high)		-	LM		11,200.00			Up to 11m high
9	SERVIC	ce									
9	9.1	Services Relo	cation			Allow.	s	_	s	_	Excluded
	9.2	Services Prot			-	Allow.	\$	-	\$	-	Excluded
				s	UB TOTAL -	WORKS			\$	2,479,366.45	
	BE: ***	nv.				/0			_	_, 5,000.43	
10	DELIVE	RY Fees									
	10.1	Council Fees	_		3.25%	Item			\$ \$	80,579.41	
	10.2	VicRoads Fee Traffic Manag			1.00% 5.00%	Item Item			S	24,793.66 123,968.32	
		Environmenta	l Management		0.50%	Item			\$	12,396.83	
	10.4				5.00% 9.00%	Item Item			\$	123,968.32 223,142.98	
	10.4 10.5 10.6	Survey & Des Supervision &	Project Management								
	10.5 10.6 10.7	Supervision 8 Site Establish	Project Management ment		2.50%	Item			\$	61,984.16	
	10.5 10.6	Supervision 8	Project Management ment	SII	2.50% 15.00%	Item			\$	61,984.16 371,904.97	
	10.5 10.6 10.7	Supervision 8 Site Establish	Project Management ment	SU	2.50%	Item			\$	61,984.16	

Jacksons Hill Creek Crossing - South SS-RD-04-05 (Long Options, approx. length 387m, excluding Intersections)

			Description	Quantity	Unit		Rate	А	mount	Comments
_	WORKS									
1	SITEWO		EARTHWORKS							
	1.1	Pre-cons 1.1.1	Demolition and site preparation	13,158	m2	\$	5.40	\$	71,053.20	
	1.2	Earthwor	cs			s				A 1 P.C 1 400/
		1.2.1	Cut and disposal Fill	111,651	m3 m3	\$	55.00 37.80	\$		Additional 10% contingency applied
			Cut to fill		m3	\$	70.00	\$	-	Additional 10% contingency applied
	1.3	Set-Out 1.3.1	Allow for site set out	1	Item	s	12,500.00	s	12.500.00	
						•	12,000	•	,	
2		AVEMEN'								
	2.1	New Pav	ement							Includes pavement to Traffic lane (3.5m) as
		2.1.1	Road pavement - Traffic lanes	4,489	m2	\$	156.60	\$	703,008.72	parking bay (2.3m) to both sides total width
	2.2	Rehabilit	ate Existing Pavement							(11.6m)
		2.2.1	Pavement profiling and reshaping	-	Allow.	\$	-	\$	-	Assume all new works.
3	CONCR	ETE WOR	cs							
•		Kerb and								
		3.1.1	Kerb and channel	1,548	LM	\$	48.60	\$	75,232.80	Kerb and channel to both sides of each tra
	3.2	Pedestria	n & Cycle Paths							
		321	Pedestrian footpath	1.161	m2	s	59.00	s	68.499.00	Pedestrian path to both sides of proposed
		0.2.1		1,101	.nz	φ	38.00	•	00,455.00	each (1.5m) wide. Total span (3.0m) wide
		3.2.2	Cycle pathway	1,316	m2	\$	66.00	\$	86,842.80	Two way Cycle path (1.7m) wide each side the road. Total span (3.4m) wide
		3.2.3	Shared pathway		m2	\$	66.00	\$		Assumed not included in SS-RD4
	3.3	Median s	trip Median (Levelled ground)	2,709	m2	\$	32.40	•	87,771.60	
			wedian (cavelled globing)	2,709	mz	Þ	32.40	Ψ	07,771.60	
4	DRAINA 4.1	GE Drainage	Pinos							
	4.1	4.1.1	Stormwater drainage (300mm DIA)	103	LM	\$	216.00	\$	22,291.20	
		4.1.2 4.1.3	Stormwater drainage (450mm DIA) Stormwater drainage (525mm DIA)	271 116	LM LM	\$	260.00 383.50	\$ \$	70,434.00 44.524.35	
		4.1.4	Drainage, sub grade drain	774	LM	\$	54.00	\$	44,524.35	
	4.2	Drainage	- Pits Side entry pits	10	No.	\$	2,700.00	•	27.004.00	Assumed spacing of 75m
	4.3	Drainage	- WSUD	10	Allow.	\$	1,500.00	\$	15,480.00	Assumed spacing of 75m
	4.4	Drainage	- Miscellaneous	-	No.	\$	-	\$	-	
5	TRAFFIC	:								
	5.1	Traffic Si	gnals			_		_		
	5.2	5.1.1 Traffic Sa	Traffic signals (incl. conduit subset)	-	LM.	\$	-	\$	-	
			Line marking and Traffic Signage	387	LM	s	32.00	s	12.384.00	Includes fixed signage, guide posts, line
										markings, traffic safety
6	LANDSO 6.1	Trees				s				
	6.1		Tree planting (2-2.5m tall)	6	No.	\$	350.00	\$	2,100.00	Allowance only
	6.2	Landscap	ing Tube stock plantings	1,362	m2	s	3.00	•	4.000.00	Allowance of 2 per m2 to nature strip
			Nature strip	1,362	m2	S	10.00		4,000.00	Topsoiling and seeding of nature strips, varying in widths
,	CTREET	LIGHTIN		1,362	m2	>	10.00	\$	13,620.00	varying in widths
′	7.1	Street Lig	hting							
				8	No		12 500 00	•	00.750.00	Assume install poles 12m high with lumina
		7.1.1	Street lighting (incl. lighting conduits)	8	NO.	\$	12,500.00	•	96,750.00	placed every 50m (roads) to one side. Rate includes for electrical lighting conduits
8	MISCELI 8.1	8.1.1	Speed cameras	-	Item	\$	-	\$		Excluded
		8.1.2	Speed bumps	-	No.	\$	-	\$		Excluded
	8.2	Retaining	walls							
	3.2	8.2.1	Retaining wall (0-2m high)		LM	\$	1,120.00		-	Up to 2m high
		8.2.2 8.2.3	Retaining wall (3-5m high) Retaining wall (6-8m high)	160	LM LM	\$	4,480.00 7,840.00	\$	1 254 400 00	Up to 5m high Up to 8m high
		8.2.4	Retaining wall (9-11m high)	300	LM	\$	11,200.00			Up to 11m high
9	SERVIC		Dalassias		AP	_		•		Frankista d
	9.1 9.2		Relocation Protection		Allow.	\$		\$ \$		Excluded Excluded
				SUB TOTAL -	WORK	S		\$	12,211,445.76	
10	DELIVE									
	10.1	Fees Council F	ees	3.25%	Item			\$	396,871.99	
	10.2	VicRoad:	Fees	1.00%	Item			\$	122,114.46	
	10.3 10.4	Traffic M	anagement ental Management	5.00% 0.50%	Item Item			\$	610,572.29 61,057.23	
	10.5	Survey &	Design	5.00%	Item			\$ \$	610,572.29	
	10.6	Supervis	on & Project Management	9.00% 2.50%	Item			\$ \$ \$	1,099,030.12 305,286.14	
		orte Esta			ltem			3		
	10.7 10.8		ncv	15.00%	Item			S	1.831.716.86	
		Continge	ncy	15.00% SUB-TOTAL DI		Y		\$	1,831,716.86 5,037,221.38	
			ncy			Y		\$ \$		

Buckland Way SS-RD-05: Approx. length: 1084m (ex. Intersections)

			Description	Quantit	y Unit		Rate		Amount	Comments
	WORKS			•						
1	SITEWO		EARTHWORKS							
	1.1	Pre-cons		27,100	m2	\$	E 40	•	146 240 00	
	1.2	1.1.1 Earthwor	Demolition and site preparation ks	27,100	m2	\$	5.40	\$	146,340.00	
		1.2.1	Cut and disposal	8,722		\$	55.00		479,715.50	Additional 10% contingency applied
		1.2.2	Fill Cut to fill	2 826	m3 m3	\$	37.80 70.00		107 834 35	Additional 10% contingency applied
	1.3	Set-Out		2,020	III	-		•		Additional 10 % contingency applied
			Allow for site set out		1 Item	\$	12,500.00	\$	12,500.00	
2	2.1	New Pav								
										Includes pavement to Traffic lane (3.5m) an
		2.1.1	Road pavement - Traffic lanes	12,141	m2	\$	156.60	\$	1,901,249.28	parking bay (2.1m) to both sides total width
										(11.2m)
	2.2	Rehabilit	ate Existing Pavement							
			Pavement profiling and reshaping		Allow.	\$	-	\$	-	Assume all new works.
_										
3	CONCRE 3.1	Kerb and	KS Channel							
			Kerb and channel	2.168	I I M	s	48.60	•	105.364.80	Kerb and channel to both sides of each traff
	3.2		n & Cycle Paths	2,100	LIVI	Ţ	40.00	φ	103,304.00	lane
	3.2	3.2.1	Pedestrian footpath	3,252	m2	\$	59.00	\$	191,868.00	
				3.252		-	00.0-		04 / 000	Two way Cycle path (3m) wide of the road.
		3.2.2	Cycle pathway	3,252	m2	\$	66.00	\$	214,632.00	Two way Cycle path (3m) wide of the road. Total span (3m) wide
		323	Shared pathway	_	m2	s	66.00	•	_	Assumed not included
	3.3	Median s				•	00.00	•		, and the mediade
		3.3.1	Median (Levelled ground)		m2	\$	32.40	\$	-	Assumed not included
4	DRAINA	GE								
	4.1	Drainage	- Pipes Stormwater drainage (300mm DIA)	289	LM	\$	216.00	•	62,438.40	
		4.1.2	Stormwater drainage (450mm DIA)	759	LM	\$	260.00	\$	197,288.00	
		4.1.3	Stormwater drainage (525mm DIA)	325		\$	383.50		124,714.20	
	4.2	4.1.4 Drainage	Drainage, sub grade drain	2,168	LM	\$	54.00	\$	117,072.00	includes subsoil drainage
		4.2.1	Side entry pits	29		\$	2,700.00	\$	78,048.00	Assumed spacing of approx. 75m
	4.3	Drainage	- WSUD	29	Allow.	\$	1,500.00	\$	43,360.00	
	4.4	Drainage	- Miscellaneous	•	NO.	3	-	2	-	Assumed none.
5	TRAFFIC									
	5.1	Traffic Si	gnals Traffic signals (incl. conduit subset)		LM.	s		s		
	5.2	Traffic S	afety	•	LW.	4		Þ	-	
			Line marking and Traffic Signage	1.084	LM	s	32.00	s	34,688.00	Includes fixed signage, guide posts, line
										markings, traffic safety
6	LANDSC									
	6.1	Trees	Tree planting (2-2.5m tall)	20	No.	S	350.00		7 000 00	Allowance only
	6.2	Landsca	oing	20	INU.	4	350.00	Þ	7,000.00	Allowance only
		6.2.1	Tube stock plantings	8,596	m2	\$	3.00	\$	25,786.80	Allowance of 2 per m2 to nature strip
		6.2.2	Nature strip	8,596	m2	\$	10.00	\$	85,956.00	Topsoiling and seeding of nature strips, vary in widths
7	STREET	LIGHTIN								III WIGHS
	7.1	Street Li	ghting							
										Assume install poles 12m high with luminar
		7.1.1	Street lighting (incl. lighting conduits)	22	No.	\$	12,500.00	\$	271,000.00	placed every 50m (roads) to one side. Rate includes for electrical lighting conduits
										includes for electrical lighting conduits
8	MISCELL	ANEOUS	1							
۰	8.1	8.1.1	Speed cameras		Item	\$	-	\$		Excluded
		8.1.2	Speed bumps		No.	\$	-	\$	-	Excluded
	0.2	Potoining								
	8.2	Retaining 8.2.1	n walls Retaining wall							
	8.2									Allow for retaining wall heights:
9		8.2.1	Retaining wall							Allow for retaining wall heights:
9	SERVICE 9.1	8.2.1 Services	Retaining wall Retaining wall (3-5m high) Relocation	-	Allow.	\$	-	\$	-	Excluded
9	SERVICE	8.2.1 Services	Retaining wall Retaining wall (3-5m high)	:	Allow.	\$	-	\$:	
9	SERVICE 9.1	8.2.1 Services	Retaining wall Retaining wall (3-5m high) Relocation	CIID TATA	Allow.	\$:	\$	-	Excluded
9	SERVICE 9.1	8.2.1 Services	Retaining wall Retaining wall (3-5m high) Relocation	Sub total	Allow.	\$	<u>:</u>	\$	4,296,855.33	Excluded
	SERVICE 9.1	8.2.1 Services Services	Retaining wall Retaining wall (3-5m high) Relocation	Sub total	Allow.	\$:	\$	-	Excluded
	SERVICE 9.1 9.2	8.2.1 S Services Services	Retaining wall Retaining wall (3-5m high) Relocation Profection		Allow.	\$:	\$	4,296,855.33	Excluded
	9.1 9.2 DELIVER	8.2.1 Services Services Y Fees Council F	Retaining wall Retaining wall (3-5m high) Retocation Protection	3.25%	Allow.	\$:	\$ \$	4,296,855.33 139,647.80	Excluded
	9.1 9.2 DELIVER 10.1 10.2 10.3	8.2.1 Services Services Y Fees Council F VicRoad: Traffic M	Retaining wall Retaining wall (3-5m high) Relocation Protection	3.25° 1.00° 5.00°	Allow. - WORK - Item - Item - Item - Item	\$:	\$ \$ \$ \$	4,296,855.33 139,647.80 42,968.55 214,842.77	Excluded
	9.1 9.2 DELIVER 10.1 10.2 10.3 10.4	8.2.1 Services Services Y Fees Council F VicRoad: Traffic M Environn	Retaining wall Retaining wall (3-5m high) Redocation Protection Fees Fees Fees anagement anagement	3.259 1.009 5.009 0.509	Allow. - WORK ltem ltem ltem ltem	\$:	\$ \$ \$ \$	4,296,855.33 139,647.80 42,968.55 214,842.77 21,484.28	Excluded
	9.1 9.2 DELIVEE 10.1 10.2 10.3 10.4 10.5	8.2.1 Services Services Y Fees Council F VicRoad: Traffic M Environn Survey 8	Retaining wall Retaining wall (3-5m high) Relocation Protection Tees Fees Fees Fees Inagement Borland Management Design	3.25° 1.00° 5.00° 0.50° 5.00°	Allow. - WORK ltem ltem ltem ltem ltem ltem	\$:	\$ \$ \$ \$ \$ \$	4,296,855.33 139,647.80 42,968.55 214,842.77 21,484.28 214,842.77	Excluded
	9.1 9.2 DELIVER 10.1 10.2 10.3 10.4 10.5 10.6 10.7	8.2.1 Services Services Y Fees Council F VicRoad: Traffic M Environn Survey 8 Supervis Site Esta	Retaining wall Retaining wall (3-5m high) Relocation Protection	3.255 1.009 5.009 0.509 5.009 9.009 2.509	Allow. - WORK 6 Item	\$:	\$ \$ \$ \$	4,296,855.33 139,647.80 42,968.55 214,842.77 21,484.28 214,842.77 386,716.98 107,421.38	Excluded
	9.1 9.2 DELIVER 10.1 10.2 10.3 10.4 10.5 10.6	8.2.1 Services Services Y Fees Council F VicRoad: Traffic M Environn Survey 8 Supervis	Retaining wall Retaining wall (3-5m high) Relocation Protection	3.255 1.009 5.009 5.009 9.009 2.2509 15.000	Allow. - WORK 6 Item	s	:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	139,647.80 42,968.55 214,842.77 21,484.28 214,842.77 386,716.98 107,421.38 644,528.30	Excluded
	9.1 9.2 DELIVER 10.1 10.2 10.3 10.4 10.5 10.6 10.7	8.2.1 Services Services Y Fees Council F VicRoad: Traffic M Environn Survey 8 Supervis Site Esta	Retaining wall Retaining wall (3-5m high) Relocation Protection	3.255 1.009 5.009 0.509 5.009 9.009 2.509	Allow. - WORK 6 Item	s	:	\$ \$ \$ \$ \$ \$ \$ \$	4,296,855.33 139,647.80 42,968.55 214,842.77 21,484.28 214,842.77 386,716.98 107,421.38	Excluded
	9.1 9.2 DELIVER 10.1 10.2 10.3 10.4 10.5 10.6 10.7	8.2.1 Services Services Y Fees Council F VicRoad: Traffic M Environn Survey 8 Supervis Site Esta	Retaining wall Retaining wall (3-5m high) Relocation Protection	3.255 1.009 5.009 5.009 9.009 2.2509 15.000	Allow. - WORK 6 Item	s	:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	139,647.80 42,968.55 214,842.77 21,484.28 214,842.77 386,716.98 107,421.38 644,528.30	Excluded

20220207 3136206 - PMD - Cost Estimates.xlsx SS-RD4-05 20220207 3136206 - PMD - Cost Estimates.xlsx SS-RD5

Fox Hollow Drive SS-RD-06 Approx. length: 680m (ex.Intersections)

Item			Description	Q	uantity	Unit		Rate		Amount	Comments
	works										
1	SITEWO	RKS AND	EARTHWORKS								
	1.1	Pre-cons 1.1.1	truction Demolition and site preparation		17,000	m2	\$	5.40	\$	91,800.00	
	1.2	Earthwor	ks		9.133	m3	s	55.00			A 1 1 2 1 4 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1
		1.2.2	Cut and disposal Fill		.,	m3	\$	37.80	\$	-	Additional 10% contingency applied
	1.3	1.2.3 Set-Out	Cut to fill		2,669	m3	\$	70.00	\$	186,825.01	Additional 10% contingency applied
		1.3.1	Allow for site set out		1	Item	\$	12,500.00	\$	12,500.00	
2		AVEMENT New Pav									
		2.1.1	Road pavement - Traffic lanes		7,616	m2	\$	156.60	\$	1,192,665.60	Includes pavement to Traffic lane (3.5m) and parking bay (2.1m) to both sides total width (11.2m)
											(11.211)
	2.2		ate Existing Pavement Pavement profiling and reshaping		-	Allow.	\$		\$	-	Assume all new works.
3	CONCRE	ETE WOR	ks								
	3.1	Kerb and									Kerb and channel to both sides of each traffic
			Kerb and channel		1,360	LM	\$	48.60	\$	66,096.00	lane
	3.2		an & Cycle Paths Pedestrian footpath		2.040	m2	S	59.00	s	120.360.00	
					2 040	m2	s	66.00			Two way Cycle path (3m) wide of the road. Total
		3.2.2	Cycle pathway		2,040	m2	5	66.00	3	134,640.00	span (3m) wide
			Shared pathway		-	m2	\$	66.00	\$	-	Assumed not included
	3.3	Median s	trip Median (Lovelled grav==*)			m2	\$		\$		Assumed not included
4	DRAINA	GE	Median (Levelled ground)		-	m2	5		3	-	Assumed not included
	4.1	Drainage 4.1.1	- Pipes Stormwater drainage		680	LM			s		
		4.1.1	Stormwater drainage (300mm DIA)		181	LM	\$	216.00	\$	39,168.00	
		4.1.2	Stormwater drainage (450mm DIA) Stormwater drainage (525mm DIA)		476 204	LM LM	\$	260.00 383.50	\$ \$	123,760.00 78,234.00	
		4.1.4	Drainage, sub grade drain		1,360	LM	\$		\$	73,440.00	
	4.2	Drainage 4.2.1	- Pits Side entry pits		18	No.	S	2.700.00	s	48.960 nn	Assumed spacing of 75m
	4.3	Drainage	- WSUD		18	Allow.	\$	1,500.00	\$	27,200.00	
	4.4		- Miscellaneous		-	No.	\$		\$	-	Assumed none.
5	TRAFFIC 5.1	Traffic Si	anala								
	5.1	5.1.1	Traffic signals (incl. conduit subset)		-	LM.	\$		\$		
	5.2	Traffic Sa	afety								
	0.1		Line marking and Traffic Signage		680	LM	s	32.00	s	21,760.00	Includes fixed signage, guide posts, line
											markings, traffic safety
6	LANDSO 6.1	Trees									
		6.1.1	Tree planting (2-2.5m tall)		12	No.	\$	350.00	\$	4,200.00	Allowance only
	6.2	Landscap 6.2.1	oing Tube stock plantings		5.460	m2	S	3.00	s	16.380.00	Allowance of 2 per m2 to nature strip
			Nature strip		5.460	m2	s	10.00		54.600.00	Topsoiling and seeding of nature strips, varying
7	STREET	LIGHTING									in widths
	7.1	Street Lig	ghting								
		7.1.1	Street lighting (incl. lighting conduits)		14	No.	ę	12.500.00		170 000 00	Assume install poles 12m high with luminaries placed every 50m (roads) to one side. Rate
		7.1.1	Occording (mor. lighting conduits)		14	NO.	J	.2,500.00	ŷ.	170,000.00	includes for electrical lighting conduits
8	MISCELI 8.1	LANEOUS 8.1.1	Speed cameras		-	Item	\$		\$		Excluded
		8.1.2	Speed bumps		-	No.	š	-	\$	-	Excluded
	8.2	Retaining	ı walls								
		8.2.1	Retaining wall		-	LM	\$	-	\$	-	Assumed none
9	SERVICE										
	9.1 9.2		Relocation Protection		-	Allow.	\$ S	-	\$ \$	-	Excluded Excluded
	J.2	Jul Fluds					,		•		
				SUB	TOTAL -	WORKS			\$	2,964,886.22	
10	DELIVER	RY									
		Fees			2.250					00.050.00	
	10.1 10.2	Council F VicRoads	s Fees		3.25% 1.00%	Item Item			\$	96,358.80 29,648.86	
	10.3 10.4	Traffic M	anagement nental Management		5.00% 0.50%	Item Item			\$	148,244.31 14.824.43	
	10.5	Survey &	Design		5.00%	Item			\$	148,244.31	
	10.6 10.7	Supervis Site Esta	ion & Project Management		9.00% 2.50%	Item Item			\$ \$	266,839.76 74.122.16	
	10.7	Continge			15.00%	Item			\$	444,732.93	
				SUB-T	OTAL DE	LIVERY			\$	1,223,015.57	
11				TOTAL ESTIMATED P	ROJECT	COST			\$	4,187,901.78	
											Щ

Watsons Road SS-RD-07 Approx. Length 1938m (ex. Intersections)

			Description	Quantity	/	Unit		Rate		Amount	Comments
	WORKS										•
1	SITEWO	RKS AND	EARTHWORKS								
	1.1	Pre-cons 1.1.1	Demolition and site preparation	37,	210	m2	\$	5.40	\$	200,931.84	
	1.2	Earthwor	ks				Ċ				
		1.2.1	Cut and disposal Fill	34,	198	m3 m3	\$	55.00 37.80	\$	1,875,362.50	Additional 10% contingency applied
	4.0	1.2.3 Set-Out	Cut to fill			m3	\$	70.00	\$		Additional 10% contingency applied
	1.3	1.3.1	Allow for site set out		1	Item	\$	12,500.00	\$	12,500.00	
2	ROAD P. 2.1	AVEMENT New Pav									
	2.1										Includes pavement to Traffic lane (3m) an
		2.1.1	Road pavement - Traffic lanes	16,	376	m2	\$	156.60	\$	2,564,497.26	parking bay (2.1m) to both sides total wid (10.2m)
		D. b. chilli	- Francisco								(
	2.2		ate Existing Pavement Pavement profiling and reshaping			Allow.	\$		\$		Assume all new works.
3	CONCR	TE WOR	KS								
	3.1	Kerb and	Kerb and channel	2	876	LM	s	48.60		188,373.60	Kerb and channel to both sides of each tr
	3.2		n & Cycle Paths	3,	5/6	LIVI	Þ	40.00	Þ	100,373.00	lane
	3.2		Pedestrian footpath			m2	\$	59.00	\$		Assumed not included
		322	Cycle pathway	5	814	m2	s	66.00	s	383 724 00	Allow Cycle path (3m) wide
			-,,	-,			Ť		Ť	****	
		3.2.3	Shared pathway		-	m2	\$	66.00	\$		Assumed not included
	3.3	Median s				m2	s	32 40			Assumed not included
4	DRAINA	3.3.1 3E	Median (Levelled ground)		-	m2	Þ	32.40	Þ	-	Assumed not included
	4.1	Drainage	- Pipes		-47		•	040.00	•	444.000.00	
		4.1.2	Stormwater drainage (300mm DIA) Stormwater drainage (450mm DIA)	1,	517 357	LM LM	\$	216.00 260.00	\$	111,628.80 352,716.00	
		4.1.3	Stormwater drainage (525mm DIA) Drainage, sub grade drain		581 876	LM LM	\$	383.50	\$	222,966.90 209,304.00	
	4.2	Drainage	- Pits	3,							
	4.3	4.2.1	Side entry pits - WSUD		52 52	No. Allow.	\$	2,700.00 1,500.00	\$	139,536.00 77,520.00	Assumed spacing of approx. 75m
	4.4	Drainage	- Miscellaneous		-	No.	\$	-	\$	77,320.00	Assumed none.
5	TRAFFIC										
3	5.1	Traffic Si	ignals								
	5.2	5.1.1 Traffic Sa	Traffic signals (incl. conduit subset)		-	LM.	\$	-	\$	-	
	0.2		Line marking and Traffic Signage	1.	938	LM	\$	32.00	s	62.016.00	Includes fixed signage, guide posts, line
											markings, traffic safety
6	LANDSO 6.1	APE Trees									
		6.1.1	Tree planting (2-2.5m tall)		42	No.	\$	350.00	\$	14,700.00	Allowance only
	6.2	Landscap	ping Tube stock plantings	12	200	m2	S	3.00	•	20 600 00	Allowance of 2 per m2 to nature strip
			Nature strip		200	m2	\$	10.00		132 000 00	Topsoiling and seeding of nature strips, varying in widths
7	STREET			10,	200		*	10.00	•	102,000.00	varying in widths
		Street Lig									
											Assume install poles 12m high with lumin
		7.1.1	Street lighting (incl. lighting conduits)		39	No.	\$	12,500.00	\$	484,500.00	placed every 50m (roads) to one side. Ra includes for electrical lighting conduits
											morades for electrical lighting conducts
8	MISCELI	ANEOUS	3								
	8.1	8.1.1 8.1.2	Speed cameras Speed bumps		-	Item No.	\$	-	\$		Excluded Excluded
						140.	φ	-	φ	-	Excided
	8.2	Retaining 8.2.1	g walls Retaining wall			LM	s		s		
							•		•	-	
9	SERVICE 9.1		Relocation			Allow.	s	-	s	_	Excluded
	9.2		Protection		-	Allow.	\$	-	\$	-	Excluded
				SUB TO	TAL -	MUDKE			s	7,071,876.90	
				308 101	AL-	onno			*	7,077,070.90	
10	DELIVER										
	10.1	Fees Council F	Fees	3.25%		Item			\$	229,836.00	
	10.2	VicRoads	s Fees	1.00%		Item Item			\$	70,718.77	
	10.4	Environm	anagement nental Management	0.50%		Item Item			\$	353,593.85 35,359.38	
	10.5	Survey &	Design	5.00%		Item			\$	353,593.85	
	10.6 10.7		ion & Project Management iblishment	9.00% 2.50%		Item Item			\$	636,468.92 176,796.92	
	10.8	Continge		15.00%		Item			\$	1,060,781.54	a
				SUB-TOTA	AL DE	LIVERY			\$	2,917,149.22	
											4

20220207 3136206 - PMD - Cost Estimates.xlsx SS-RD6 20220207 3136206 - PMD - Cost Estimates.xlsx SS-RD7

Crinnion Road SS-RD-08 Approx. length: 1630m (ex. Intersections)

ltem	Desc	iption Quantity	Unit		Rate	-	Amount	Comments
	WORKS .	•						•
1	SITEWORKS AND EARTHWORKS							
	1.1 Pre-construction 1.1.1 Demolition and site preparation	24,450	m2	\$	5.40	s	132.030.00	Assumed 15m wide road
	1.2 Earthworks							
	1.2.1 Cut and disposal 1.2.2 Fill	9,770	m3 m3	S	55.00 37.80		537,339.69	Additional 10% contingency applied
	1.2.3 Cut to fill	=	m3	\$	70.00	\$	-	
	1.3 Set-Out 1.3.1 Allow for site set out	1	Item	S	12,500.00	s	12,500.00	
		·		Ť	12,000.00	•	12,000.00	
2	ROAD PAVEMENT 2.1 New Pavement							
	2.1.1 Road pavement - Traffic lane	11,410	m2	\$	156.60	\$	1,786,806.00	Includes pavement to Traffic lane (3.5m) total width (7m)
								wdii (/iii)
	2.2 Rehabilitate Existing Pavement 2.2.1 Pavement profiling and resha	ing	Allow.	s		\$		Assume all new works.
3	CONCRETE WORKS	g	70011.	•		•		Abbanic an new works.
	3.1 Kerb and Channel							Assumed not included based on PSP cross
	3.1.1 Kerb and channel		LM	\$	48.60	\$	-	section
	3.2 Pedestrian & Cycle Paths 3.2.1 Pedestrian footpath	=	m2	s	59.00	s		Excluded
	3.2.2 Cycle pathway	_	m2	s	66.00			Two way Cycle path (3m) wide of the road. Tot
	3.2.3 Shared pathway		m2	\$	66.00	-		span (3m) wide Assumed not included
	3.3 Median strip	-					-	
4	3.3.1 Median (Levelled ground) DRAINAGE	-	m2	\$	32.40	\$	-	Assumed not included Allow Cycle path (3m) wide
•	4.1 Drainage - Pipes							
	4.1.1 Stormwater drainage (300mm 4.1.2 Stormwater drainage (450mm		LM	\$	216.00		-	Assumed not included Assumed not included
	4.1.3 Stormwater drainage (525mm		LM	s	383.50	\$		Assumed not included
	4.1.4 Drainage, sub grade drain 4.2 Drainage - Pits		LM	\$	54.00	\$	-	Assumed not included
	4.2.1 Side entry pits		No.	\$	2,700.00	\$	-	Assumed not included
	4.3 Drainage - WSUD 4.4 Drainage - Miscellaneous	1 2	Allow. No.	\$	50,000.00 150,000.00	\$	50,000.00	Allowance only - Swale to each side of road wa
		2	140.	ş	130,000.00	Ţ	300,000.00	Allowance only - Swale to each side of road w
5	TRAFFIC 5.1 Traffic Signals							
	5.1.1 Traffic signals (incl. conduit su	oset) -	LM.	\$	-	\$	-	
	5.2 Traffic Safety					_		Includes fixed signage, guide posts, line marking
	5.2.1 Line marking and Traffic Sign	ge 1,630	LM	\$	32.00	\$	52,160.00	traffic safety
6	LANDSCAPE							
	6.1 Trees 6.1.1 Tree planting (2-2.5m tall)	28	No.	S	350.00	e	0.900.00	Allowance only
	6.2 Landscaping	20	NO.	Þ	350.00	Þ	9,000.00	Allowance only
	6.2.1 Tube stock plantings 6.2.2 Nature strip	-	m2 m2	\$	3.00 10.00		-	
7	STREET LIGHTING	-	IIIZ	٥	10.00	Þ		
	7.1 Street Lighting							
	7.1.1 Street lighting (incl. lighting co	nduits) 33	No.	\$	12,500.00	\$	407,500.00	Assume install poles 12m high with luminaries placed every 50m (roads) to one side. Rate
								includes for electrical lighting conduits
8	MISCELLANEOUS							
	8.1 8.1.1 Speed cameras	-	Item	\$	-	\$	-	Excluded
	8.1.2 Speed bumps	-	No.	\$	-	\$	-	Excluded
	8.2 Retaining walls			_				
	8.2.1 Retaining wall	-	LM	\$	-	\$	-	
9	SERVICES 9.1 Services Relocation		Allow.			s		Excluded
	9.1 Services Relocation 9.2 Services Protection	- -	Allow.	\$	-	\$	-	Excluded
		SUB TOTAL	- WORKS			\$	3,288,135.69	
10	DELIVERY							
	Fees 10.1 Council Fees	3.25%	Item			s	106.864.41	
	10.2 VicRoads Fees	1.00%	Item			\$	32,881.36	
	10.3 Traffic Management 10.4 Environmental Management	5.00% 0.50%	Item Item			\$	164,406.78 16.440.68	
	10.5 Survey & Design	5.00%	Item			\$	164,406.78	
	 Supervision & Project Management Site Establishment 	9.00% 2.50%	Item Item			\$	295,932.21 82,203.39	
	10.7 Site Establishment 10.8 Contingency	15.00%	Item			\$	493,220.35	n
		SUB-TOTAL D	ELIVERY			\$	1,356,355.97	
_				_				
11		TOTAL ESTIMATED PROJEC	T COST			s	4,644,491,66	

Jacksons Hill Link SS-RD-09 Approx. Length:250m (ex. Intersections)

Item	_		Description	 Quantity	Unit		Rate		Amount	Comments
	WORKS									
1			EARTHWORKS							
	1.1	Pre-cons	truction							
	1.2	1.1.1 Earthwor	Demolition and site preparation	6,250	m2	\$	5.40	\$	33,750.00	
	1.2	1.2.1	Cut and disposal		m3	\$	55.00		-	
		1.2.2	Fill		m3	\$	37.80			
	1.3	Set-Out	Cut to fill	10,256	m3	\$	70.00	\$	/1/,920.00	Additional 10% contingency applied
		1.3.1	Allow for site set out	1	Item	\$	12,500.00	\$	12,500.00	
2	ROAD F	New Pav	r ement							
										Includes pavement to Traffic lane (3.5m) ar
		2.1.1	Road pavement - Traffic lanes	2,800	m2	\$	156.60	\$	438,480.00	parking bay (2.1m) to both sides total width
										(11.2m)
	2.2	Rehabilit	ate Existing Pavement							
		2.2.1	Pavement profiling and reshaping		Allow.	\$	-	\$	-	Assume all new works.
3	CONCR 3.1	ETE WOR Kerb and	KS Channel							
	0.1		Kerb and channel	500	LM	\$	48.60	•	24,300.00	Kerb and channel to both sides of each trail
	3.2		in & Cycle Paths	000		•	40.00	•	24,000.00	lane
	3.2									Pedestrian path to both sides of proposed
		3.2.1	Pedestrian footpath	750	m2	\$	59.00	\$	44,250.00	each (1.5m) wide. Total span (3.0m) wide
		3.2.2	Cycle pathway	750	m2	\$	66.00	\$	49,500.00	Two way Cycle path (3m wide) single side of the road. Total span (3m) wide
		222	Shared pathway		m2	s	66.00			Assumed not included
	3.3	Median s			IIIZ	3	66.00	Þ	-	Assumed not included
	3.3		Median (Levelled ground)	_	m2	s	32.40	s		Assumed not included
4	DRAINA	IGE								
	4.1	Drainage 4 1 1	- Pipes Stormwater drainage (300mm DIA)	67	LM	S	216.00	•	14 400 00	
		4.1.2	Stormwater drainage (450mm DIA)	250	LM	\$	260.00	\$	65,000.00	
		4.1.3	Stormwater drainage (525mm DIA) Drainage, sub grade drain	500	LM	\$	383.50 54.00	\$	27,000.00	Assumed not included
	4.2	Drainage	- Pits	300	LIVI	Ţ				
	4.3	4.2.1	Side entry pits	7	No.	\$	2,700.00			Assumed spacing of approx. 75m
	4.3	Drainage	- WSUD - Miscellaneous	. 7	Allow. No.	\$	1,500.00	\$	10,000.00	Assumed none.
5	TRAFFI 5.1	C Traffic Sig	nnale							
			Traffic signals (incl. conduit subset)	-	LM.	\$	-	\$	-	
	5.2	Traffic Sa	ifoty							
	J.2		Line marking and Traffic Signage	250	LM	s	32.00		8,000.00	Includes fixed signage, guide posts, line
		J.Z.1	Life Halking and Hallic Signage	230	LIM	Ţ	32.00	Ψ	0,000.00	markings, traffic safety
6	LANDS									
	6.1	Trees	Tong planting (O.O.E., tell)	4	No.	\$	350.00		4 400 00	Allowance only
	6.2	Landscap	Tree planting (2-2.5m tall) ping	4	INO.	Þ	350.00	Þ	1,400.00	Allowance only
		6.2.1	Tube stock plantings	2,028	m2	\$	3.00		6,084.00	Allowance of \$2 per m2 to nature strip
			Nature strip	2,028	m2	\$	10.00	\$	20,280.00	Topsoiling and seeding of nature strips, varying in widths
7		T LIGHTING								., 5
	7.1	Street Lig	phting							
		711	Street lighting (incl. lighting conduits)	5	No	•	12 500 00	•	62 500 00	Assume install poles 12m high with luminar placed every 50m (roads) to one side. Rate
		7.1.1	Orocci agricing (anol. agricing conducto)	Ü	140.	•	12,000.00	•	02,000.00	includes for electrical lighting conduits
8		LANEOUS 8.1.1	Speed cameras		Item	\$		\$		Excluded
	0.1		Speed bumps	-	No.	\$	-	\$		Excluded
		Retaining								
	8.2		Retaining wall (3-5m high)	197	LM	s	4,480.00	S	882,560.00	
9	SERVIC 9.1		Relocation		Allow.	\$		\$		Excluded
		Services		-	Allow.	\$		\$		Excluded
				SUB TOTAL -	WORKS			\$	2,435,924.00	1
				JUB TUTAL	WURKS			Þ	2,433,924.00	
10	DELIVE									
	10.1	Fees Council F	ees	3.25%	Item			s	79,167.53	
	10.2	VicRoads	Fees	1.00%	Item			\$	24,359.24	
	10.3 10.4	Traffic Ma	anagement	5.00% 0.50%	Item Item			\$	121,796.20 12.179.62	
	10.4	Survey &	iental Management Design	0.50% 5.00%	Item			\$	12,179.62	
	10.6	Supervisi	ion & Project Management	9.00%	Item			\$	219,233.16	
	10.7	Site Estal Continge		2.50% 15.00%	Item Item			\$	60,898.10 365,388.60	
	10.6	contrige	,	SUB-TOTAL D				s	1,004,818.65	
								<u> </u>	, , , , , , , , , , , , ,	
_		_		_						
11				ATED PROJECT					3,440,742.65	

20220207 3136206 - PMD - Cost Estimates.xlsx SS-RD8 20220207 3136206 - PMD - Cost Estimates.xlsx SS-RD9



Intersection on Sunbury Road SS-IN-01 (Cross Intersection - Interim)

Item			Description		Quantity	Unit		Rate		Amount	Comments
					,						
1	WORKS SITEWO	RKS AND E	ARTHWORKS								
	1.1	Pre-constr	uction Demolition and site preparation		18.256	m2	S	5.40		98.582.40	
	1.2	Earthworks			10,230	1112	9	3.40	9		
			Cut and disposal at specified location		7,266	m3	\$	55.00	\$	399,640.34	Assuming pavement composition depth total 650mm deep including fill
	1.3	1.2.2 F Set-Out	Fill		-	m3	\$	37.80	\$	-	
		1.3.1	Allow for site set out		1	Item	\$	12,500.00	\$	12,500.00	
2		AVEMENT New Paver	ment								
		2.1.1 F	Road pavement - Traffic lanes		3,886	m2	\$	156.60	\$	608,494.67	Assumed full depth pavement to areas not constructed as part of MRPV works
	2.2	B 1 1 20 1	e Existing Pavement								constructed as part of mixt v works
		2.2.1 F	Pavement profiling and reshaping		1	Allow.	\$	149,482.80	\$	149,482.80	Allowance only
3	CONCRE 3.1	Kerb and 0	S Channel								
			Kerb and channel		876	LM	\$	48.60	\$	42,573.60	Kerb and channel to both sides of each traffic
	3.2	Pedestrian	& Cycle Paths								laile
		3.2.1 F	Pedestrian footpath		796	m2	\$	59.00	\$	46,964.00	Allow pedestrian path to both sides of proposed road each (1.5m) wide. Total span
											(3.0m) wide
		3.2.2	Cycle pathway		732	m2	\$	66.00	\$	48,312.00	Allow Cycle path (3m) wide
		3.2.3	Shared pathway			m2	s	66.00	s		
	3.3	Median str	ip.				-				
4	DRAINA	3.3.1 N	Median (Levelled ground)			m2	\$	32.40	\$	-	
	4.1	Drainage -	Pipes		201			0.00		40 000	
		4.1.1 8	Stormwater drainage (300mm DIA) Stormwater drainage (450mm DIA)		527	LM LM	\$ \$ \$	216.00 260.00	S	43,372.80 137,046.00	
		4.1.3 5	Stormwater drainage (525mm DIA)		226 1,506	LM LM	\$	383.50 54.00	\$	86,632.65 81,324.00	
	4.2	Drainage -	Pits Side entry pits		8	No	s	2 700 00			Assumed spacing of approx. 100m
		Drainage -	WSUD		8	Allow.	\$	1,500.00	\$	12,000.00	
		-	Miscellaneous		-	No.	\$	-	\$	-	Assumed none.
5	TRAFFIC 5.1	Traffic Sign	anle								
	3.1		raffic signals (incl. conduit subset)		1	Allow.	s	540,000.00	s	540.000.00	Rate includes for signals, conduits, pits,
											footings etc.
	5.2	Traffic Safe									Includes fixed signage, guide posts, line
		5.2.1 L	ine marking and Traffic Signage		689	LM	\$	32.00	\$	22,048.00	markings, traffic safety
6	LANDSC										
	6.1	Trees 6.1.1 1	Free planting (2-2.5m tall)		14	No.	\$	350.00	\$	4,900.00	Allowance only
	6.2	Landscapii	ng Tube stock plantings		4,146	m2	\$	3.00			
			Vature strip		2.073	m2	s	10.00		20,730.00	Allow for total (3m) wide. Topsoiling and
7	STREET	LIGHTING									seeding of nature strips, varying in widths
	7.1	Street Ligh	ting								
		711 5	Street lighting (incl. lighting conduits)		16	No.	s	12.500.00	s	200 000 00	Assume install poles 12m high with luminaries placed every 50m (roads) to one side. Rate
			,								includes for electrical lighting conduits
8	MICCELL	LANEOUS									
8	8.1	8.1.1 8	Speed cameras			Item	\$		\$		Excluded
		8.1.2	Speed bumps		-	No.	\$	-	\$	-	Excluded
	8.2	Retaining v	walls Retaining wall			LM	s		s		Accumo no retaining walls
			xeranınığ Wall			LM	٥	-	Þ	-	Assume no retaining walls
9	SERVICE 9.1		elocation (Electrical Pole Relocation)		1	Allow.	\$	400,000.00			Excluded
	9.2	Services P	rotection		i	Allow.	Š	20,000.00			Excluded
10	MAINTE										
	10.1	10.1.1	/icRoads maintenance fee		1	No.	\$	81,000.00	\$	81,000.00	Allowance for VicRoads maintenance fee to each intersection, as advised by WSPPB
					SUB TOTAL -	WORKS			s	2,669,641.26	
					SUB TOTAL -	WUKKS			ð	2,009,641.26	
11	DELIVER	RY Fees									
		Council Fe			3.25%	Item			\$	86,763.34	
	11.2 11.3	VicRoads I Traffic Mar	nagement		1.00% 5.00%	Item Item			\$	26,696.41 133,482.06	
	11.4 11.5		ntal Management		0.50% 5.00%	Item Item			\$	13,348.21 133,482.06	
	11.6	Supervisio	n & Project Management		9.00%	Item			\$	240,267.71	
	11.7 11.8	Site Establ Contingen	isnment cy		2.50% 15.00%	Item Item			\$ \$	66,741.03 400,446.19	_
					SUB-TOTAL D	ELIVERY			\$	1,101,227.02	
12				TOTAL ESTIN	MATED PROJECT	COST			\$	3,770,868.27	

Intersection on Sunbury Road SS-IN-02 (Cross Intersection - Interim)

		Description	Quantity	Unit	L	Rate		Amount	Comments
SITEWO	3								
	ORKS AND	EARTHWORKS							
	Pre-cons	truction Demolition and site preparation	38,475	5 m2	S	5.40	S	207,765.00	
1.2	Earthwo	ks	00,410		•	0.40	•		
	1.2.1	Cut and disposal at specified location	17,283	3 m3	\$	55.00	\$	950,539.70	Assuming pavement composition depth to 650mm deep including fill
	1.2.2	Fill		m3	\$	37.80	\$		committee including in
1.3	Set-Out	Allow for site set out	1	l Item	٩	12.500.00	٩	12.500.00	
ROAD F	AVEMENT			nom	•	12,000.00	•	12,000.00	
2.1	New Pav	ement							
	211	Road navement - Traffic lanes	9.245	2 m2	٩	156.60		1 447 297 20	Assumed full depth pavement to areas no constructed as part of MRPV works
	2	Toda pavement Traine lanes	5,242		•	100.00	•	1,447,207.20	constructed as part of MRPV works
2.2	Rehabilit	ate Existing Pavement Pavement profiling and reshaping	1	Allow	S	194 767 20	S	194 767 20	Allowance only
	ETE WOR	KS			-	,	•	,	
3.1									Kerb and channel to both sides of each tr
			1,122	. LM	\$	48.60	\$	54,529.20	lane
3.2	Pedestria	in & Cycle Paths							Allow nedestrian noth to both sides of
	3.2.1	Pedestrian footpath	775	5 m2	\$	59.00	\$	45,725.00	Allow pedestrian path to both sides of proposed road each (1.5m) wide. Total sp
									(3.0m) wide
	3.2.2	Cycle pathway	574	1 m2	\$	66.00	\$	37,884.00	Allow Cycle path (3m) wide
				m2	\$	66.00	\$	-	
	3.3.1	trip Median (Levelled ground)	2 340) m2	S	32.40	\$	75.816.00	
	GE		2,040		-	22.40	-	. 2,2 . 3.00	
4.1	Drainage 4 1 1	- Pipes Stormwater drainage (300mm DIA)	2.41	7 I.M	9	216.00	\$	75.052.90	
	4.1.2	Stormwater drainage (450mm DIA)	912	2 LM	S	260.00	S	237.146.00	
	4.1.3	Stormwater drainage (525mm DIA)		LM	\$	383.50		149,910.15	
4.2	Drainage	- Pits	,		-		-		
42	4.2.1 Drainage	Side entry pits				2,700.00	\$	48,600.00	Assumed spacing of approx. 100m
4.4		- Miscellaneous	-	No.	\$	1,300.00	\$	27,000.00	Assumed none.
TD 4550									
5.1		gnals							
	5.1.1	Traffic signals (incl. conduit subset)	1	Allow.	\$	540,000.00	\$	540,000.00	Rate includes for signals, conduits, pits, footings etc.
									lourings etc.
5.2									Includes fixed signage, guide posts, line
	5.2.1	Line marking and Traffic Signage	1,303	, LM	\$	32.00	\$	41,696.00	markings, traffic safety
LANDS	CAPE								
6.1	Trees								
6.2	Landsca	ping	25	No.	\$	350.00	\$	8,750.00	Allowance only
	6.2.1	Tube stock plantings	8,322	2 m2	\$	3.00	\$	24,966.00	Allowance of 2 per m2 to nature strip
	6.2.2	Nature strip	4,511	m2	\$	10.00	\$	45,110.00	Allow for total (3m) wide. Topsoiling and seeding of nature strips, varying in widths
STREET	LIGHTIN	3							
7.1	Street Li	inting							
	7.1.1	Street lighting (incl. lighting conduits)	17	No.	s	12.500.00	s	212.500.00	Assume install poles 12m high with lumin placed every 50m (roads) to one side. Ra
									includes for electrical lighting conduits
MISCEL 8.1	8.1.1	Speed cameras		Item	\$		\$		Excluded
	8.1.2	Speed bumps	-	No.	\$	-	\$	-	Excluded
8.2	Retaining	ı walls							
	8.2.1	Retaining wall		LM	\$	-	\$	-	Assume no retaining walls
SERVIC	FS								
9.1	Services	Relocation	1		\$	120,000.00	\$	120,000.00	Telecommunications relocation allowance
9.2	Services	Protection	-	Allow.	\$	20,000.00	\$	-	Excluded
MAINTE	NANCE								
10.1	10.1.1	VicRoads maintenance fee	1	No.	\$	81,000.00	\$	81,000.00	Allowance for VicRoads maintenance fee each intersection, as advised by WSPPB
									_
			SUB TOTAL	WORKS	•		\$	4,779,278.25	
DELIVE	RY								
DELIVE	Fees			Item			\$ \$	155,326.54 47.792.78	
11.1	Fees Council I		3.25%				٠		
11.1 11.2 11.3	Fees Council I VicRoad Traffic M	s Fees anagement	1.00% 5.00%	Item Item			\$	238,963.91	
11.1 11.2 11.3 11.4	Fees Council I VicRoad Traffic M Environn	s Fees anagement nental Management	1.00% 5.00% 0.50%	Item Item			\$	238,963.91 23,896.39	
11.1 11.2 11.3	Fees Council I VicRoad Traffic M Environn Survey 8	s Fees anagement nental Management I Design	1.00% 5.00%	Item			\$ \$	238,963.91	
11.1 11.2 11.3 11.4 11.5 11.6 11.7	Fees Council I VicRoad Traffic M Environn Survey 8 Supervis Site Esta	s Fees anagement vental Management Design ion & Project Management blishment	1.00% 5.00% 0.50% 5.00% 9.00% 2.50%	Item Item Item Item			\$	238,963.91 23,896.39 238,963.91 430,135.04 119,481.96	
11.1 11.2 11.3 11.4 11.5 11.6 11.7	Fees Council I VicRoad Traffic M Environn Survey 8 Supervis	s Fees anagement vental Management Design ion & Project Management blishment	1.00% 5.00% 0.50% 5.00% 9.00% 2.50% 15.00%	Item Item Item Item Item			\$ \$ \$ \$	238,963.91 23,896.39 238,963.91 430,135.04 119,481.96 716,891.74	
11.1 11.2 11.3 11.4 11.5 11.6 11.7	Fees Council I VicRoad Traffic M Environn Survey 8 Supervis Site Esta	s Fees anagement vental Management Design ion & Project Management blishment	1.00% 5.00% 0.50% 5.00% 9.00% 2.50%	Item Item Item Item Item	,		\$ \$ \$	238,963.91 23,896.39 238,963.91 430,135.04 119,481.96	
11.1 11.2 11.3 11.4 11.5 11.6 11.7	Fees Council I VicRoad Traffic M Environn Survey 8 Supervis Site Esta	s Fees anagement vental Management Design ion & Project Management blishment	1.00% 5.00% 0.50% 5.00% 9.00% 2.50% 15.00%	Item Item Item Item Item	,		\$ \$ \$ \$	238,963.91 23,896.39 238,963.91 430,135.04 119,481.96 716,891.74	1
	3.1 3.2 3.3 3.3 DRAINA 4.1 4.2 4.3 4.4 4.1 5.1 5.2 LANDSi 6.1 6.2 STREE 7.1 8.1 8.2	22 Rehabilities 22.1 22.1 22.1 22.1 3.1. Kerb and 3.1. Korb and 3.2.1 3.2.2 3.2.3 3.3 Median s 3.3.1 3.1	2.2.1 Pavement profiling and reshaping CONCRETE WORKS 3.1 Kerb and Channel 3.2.1 Pedestrian & Cycle Paths 3.2.1 Pedestrian footpath 3.2.2 Cycle pathway 3.2.3 Shared pathway 3.2.3 Shared pathway 3.2.3 Median strip 3.2.1 Median strip 3.2.1 Median strip 3.2.3 Shared pathway 3.2.3 Shared pathway 3.2.3 Shared pathway 3.4 Shared pathway 3.2.4 Shared pathway 3.2.5 Shared pathway 3.2.5 Shared pathway 3.2.6 Shared pathway 3.2.7 Shared pathway 3.2.7 Shared pathway 3.2.8 Shared pathway 3.2.9 Shared pathway 3.2.9 Shared pathway 4.1.0 Dainage - Pipss 4.1.1 Stormwater drainage (305mm DIA) 4.1.2 Stormwater drainage (305mm DIA) 4.1.3 Stormwater drainage (305mm DIA) 4.1.4 Drainage - Pipss 4.1.4 Drainage - Wischer priss 4.3 Drainage - Wischer priss 4.4 Drainage - Wischer priss 5.1 Traffic Signals 5.1.1 Traffic Signals 5.1.1 Traffic Signals 5.1.1 Tree planting (2-2.5m tall) 5.2 Landscaping 6.2.2 Indeading 6.2.1 Tube stock plantings 6.2.2 Thus stock plantings 6.2.2 Thus stock plantings 6.2.2 Thus stock plantings 6.2.1 Tube stock plantings 6.2.2 Thus stock plantings 6.2.1 Thus stock plantings 6.2.2 Thus stock plantings 6.2.3 Thus stock plantings 6.2.4 Thus stock plantings 6.2.5 Thus stock plantings 6.2.7	2.2	2.2 Pawement profiling and reshaping 1 Allow.	2.2 Rehabilitate Existing Pavement	2.2 Rehabilitate Existing Pavement 2.2 Pavement profiling and reshaping 1 Allow. \$ 194,767.20	2.2 Pawement profiling and reshaping 1 Allow \$ 194,767.20 \$ 2.00CRETE WORKS 3.1 Kerb and Channel 3.1.1 Kerb and Channel 3.1.1 Kerb and Channel 3.2.2 Pedestrian & Cycle Parhs 3.2.1 Pedestrian & Cycle Parhs 3.2.2 Cycle pathway 574 m2 \$ 59.00 \$ 3.2.2 Cycle pathway 574 m2 \$ 66.00 \$ 3.2.3 Shared pathway 574 m2 \$ 66.00 \$ 3.3.3 Median strip 3.3.1 Median (Levelled ground) 2.340 m2 \$ 3.2.40 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2.2 Pethabilitate Existing Pavement

20220079 3136206 - PMD - Cost Estimates.sdx S-rT1 20220079 3136206 - PMD - Cost Estimates.sdx S-rT2



Sunbury Road/Lancefield Road Intersection SS-IN-03 (Cross Intersection - Interim)

Item			Description	Quantity	Unit		Rate		Amount	Comments
	WORKS									
1	SITEWOR		ARTHWORKS							
	1.1	Pre-constru	ection Pemolition and site preparation	34,149	m2	S	5.40	e	184,404.60	
	1.2	Earthworks								
		1.2.1 C	cut and disposal	15,828	m3 m3	\$	55.00 37.80	\$	870,522.40	
		1.2.3 C		473	m3	\$	70.00		33,075.00	With 10% additional factor
	1.3	Set-Out	Illow for site set out		Item		12,500.00		12.500.00	
2	ROAD PA	AVEMENT	allow for site set out	'	item	Þ	12,500.00	Þ	12,500.00	
	2.1	New Paven								
		2.1.1 F	toad pavement - Traffic lanes	9,615	m2	\$	156.60	\$	1,505,709.00	Assumed full depth pavement to areas not constructed as part of MRPV works
	2.2	Dahabiliaas	Existing Pavement							
		2.2.1 F	avement profiling and reshaping	1	Allow.	\$	306,633.60	\$	306,633.60	Allowance only
3	CONCRE 3.1	TE WORKS Kerb and C	l .							
		3.1.1 K	erb and channel	3,000	LM	\$	48.60	\$	145,800.00	Kerb and channel as per drawing outlined
	3.2	Pedestrian	& Cycle Paths							Allow pedestrian paths to both sides of
		3.2.1 F	edestrian footpath	1,139	m2	\$	59.00	\$	67,201.00	proposed road each 1.5m wide. Total span
										(3.0m)
		3.2.2	cycle pathway	935	m2	\$	66.00	\$	61,710.00	Two 1.5m wide Cycle paths (both sides of the proposed road). Total span (3.0m)
										proposed road). Total span (3.0m)
			hared pathway	•	m2	\$	66.00	\$	•	
	3.3	Median stri								Assumed levelled soil future proceed for
			fedian (Levelled ground - no plants)	2,798	m2	\$	21.60	\$	60,436.80	Assumed levelled soil, future proofed for planting
4	DRAINAG 4.1	BE Drainage -	Pines							
	4.1	4.1.1 S	tormwater drainage (300mm DIA)	240	LM	\$	216.00	\$	51,782.40	
		4.1.2 S	stormwater drainage (450mm DIA) stormwater drainage (525mm DIA)	629 270	LM	\$	260.00 383.50	\$	163,618.00 103,429,95	
		4.1.4 E	rainage, sub grade drain	1,798	LM	\$	54.00	\$	97,092.00	
	4.2	Drainage -	Pits Side entry pits	18	No.	\$		•	48 546 00	Assumed spacing of approx. 100m
				18	140.	Þ	2,700.00	ø	40,540.00	resource opacing or approx. 100m
	4.3	Drainage -	Subsoil Drainage ncluded above		LM	S				Included above
	4.3	Drainage -	WSUD	18	Allow.	\$	1,500.00	\$	26,970.00	included above
	4.4	Drainage -	Miscellaneous		No.	\$	-	\$		Assumed none.
5	TRAFFIC									
	5.1	Traffic Sign								Data la studen for elevate annut its alte
		5.1.1 T	raffic signals (incl. conduit subset)	1	Allow.	\$	540,000.00	\$	540,000.00	Rate includes for signals, conduits, pits, footings etc.
	5.2	Traffic Safe								
	5.2		ine marking and Traffic Signage	899	LM	s	32.00		20 700 00	Includes fixed signage, guide posts, line markings, traffic safety
		5.2.1 L	ine marking and Trainic Signage	999	LM	3	32.00	Þ	20,700.00	markings, traffic safety
6	LANDSC	APE								
	6.1	Trees	ree planting (2-2.5m tall)	19	No	s	350.00	e	6 650 00	Allowance only
	6.2	Landscapin	Q p			-		•	.,	,
		6.2.1 T	ube stock plantings	2,902	m2	\$	3.00	\$	8,706.00	Allowance of 2 per m2 to nature strip
			lature strip	2,902	m2	\$	10.00	\$	29,020.00	Allowance of 2 per m2 to nature strip Allow for total (3m) wide. Topsoiling and seeding of nature strips, varying in widths
7		LIGHTING Street Light	4							
	7.1	Street Light	ang							Assume install poles 12m high with luminarie
		7.1.1 S	treet lighting (incl. lighting conduits)	19	No.	\$	12,500.00	\$	237,500.00	placed every 50m (roads) to one side. Rate
										includes for electrical lighting conduits
8	MISCELL	ANEOUS								
	8.1	8.1.1 S	peed cameras	÷	Item	\$	-	\$	-	Excluded
		8.1.2	Speed bumps	•	No.	\$	-	\$	-	Excluded
	8.2	Retaining w	valls							
		8.2.1 F	tetaining wall	-	LM	\$	-	\$	-	Assume no retaining walls
9	SERVICE	s								
	9.1	Services Re	elocation	1	Allow.	\$	400,000.00	\$	400,000.00	Allowance only Electrical Pole Relocation
	9.2	Services Pr	rotection	1	Allow.	\$	20,000.00	\$	20,000.00	Allowance only
10	MAINTEN	ANCE								
Ť.			ricRoads maintenance fee	1	No.	\$	81,000.00	\$	81,000.00	Allowance for VicRoads maintenance fee to
										each intersection, as advised by WSPPB
				SUB TOTAL	- WORKS			\$	5,091,074.75	
11	DEL IVES	v								-
11	DELIVER	<u>Y</u> Fees								
	11.1	Council Fee		3.25%	Item			\$	165,459.93	
	11.2 11.3	VicRoads F Traffic Man		1.00% 5.00%	Item Item			\$	50,910.75 254,553.74	
	11.4	Environmen	ntal Management	0.50%	Item			\$	25,455.37	
	11.5	Survey & D	esign n & Project Management	5.00% 9.00%	Item Item			\$	254,553.74 458,196.73	
	11.7	Site Establi	shment	2.50%	Item			\$	127,276.87	
	11.8	Contingend	у	15.00%	Item			\$	763,661.21	i
				SUB-TOTAL I	ELIVERY			\$	2,100,068.33	
_										
12				TOTAL ESTIMATED PROJEC	T COST			s	7.191.143.08	

Intersection on Sunbury Road SS-IN-04 (Cross Intersection - Interim)

1			Description	(Quantity	Unit		Rate		Amount	Comments
4	WORKS			•			_				•
			EARTHWORKS								
	1.1	Pre-con:			17.000	m2	S			05 100 00	
	1.2	Earthwo	Demolition and site preparation rks		17,683	m2	\$	5.40	\$	95,488.20	
			Cut and disposal at specified location		7.222	m3	s	55.00	s	397.206.70	Assuming pavement composition depth to 650mm deep including fill
		1.2.2				m3	\$	37.80	\$		650mm deep including fill
	1.3	Set-Out									
2	ROAD F	1.3.1 PAVEMEN	Allow for site set out		1	Item	\$	12,500.00	\$	12,500.00	
_	2.1	New Par	vement								
		2.1.1	Road pavement - Traffic lanes		3,862	m2	\$	156.60	\$	604,789.20	Assumed full depth pavement to areas no constructed as part of MRPV works
	2.2	Rehabili 221	tate Existing Pavement Pavement profiling and reshaping		1	Allow	S	228,171.60	S	228 171 60	Allowance only
3		ETE WOR	KS						•		
	3.1	Kerb an	d Channel Kerb and channel		1.156	LM	s	48.60	S	56 181 60	Kerb and channel as per drawing outlined
	3.2	Pedestri	an & Cycle Paths		1,100		Ť		•		
		3.2.1	Pedestrian footpath		825	m2	s	59.00	s	48.675.00	Allow pedestrian paths to both sides of proposed road each 1.5m wide. Total spa
											(3.0m)
		3.2.2	Cycle pathway		912	m2	s	66.00	s	60.192.00	Allow 3m wide Cycle path
			-,,								
		3.2.3	Shared pathway			m2	\$	66.00	\$		
	3.3	Median									
		3.3.1	Median (Levelled ground - no plants)		2,482	m2	\$	21.60	\$	53,611.20	Assumed levelled soil, future proofed for planting
4	DRAINA		D.								. •
	4.1	Drainag 4.1.1	Stormwater drainage (300mm DIA)		145	LM	\$	216.00	\$	31,320.00	
		4.1.2	Stormwater drainage (450mm DIA)		380	LM	\$	260.00	\$	98,800.00	
		4.1.3	Stormwater drainage (525mm DIA) Drainage, sub grade drain		163 1.086	LM LM	\$	383.50 54.00	S S	62,510.50 58.644.00	
	4.2	Drainag	e - Pits		,					,	
	4.3	4.2.1	Side entry pits - WSUD		9	No. Allow.	\$	2,700.00 1,500.00	\$	24,300.00 13,500.00	Assumed spacing of 50m
	4.4	Drainag	- Miscellaneous		-	No.	\$	-	\$	-	Assumed none.
5	TRAFFI	_									
,	5.1	Traffic S	ignals								
		5.1.1	Traffic signals (incl. conduit subset)		1	Allow.	\$	540,000.00	\$	540,000.00	Rate includes for signals, conduits, pits, footings etc.
											loonings etc.
	5.2	Traffic S									Includes fixed signage, guide posts, line
		5.2.1	Line marking and Traffic Signage		543	LM	\$	32.00	\$	17,376.00	markings, traffic safety
6	LANDS	CARE									
۰	6.1	Trees									
	6.2	6.1.1 Landsca	Tree planting (2-2.5m tall)		16	No.	\$	350.00	\$	5,600.00	Allowance only
	0.2	6.2.1	Tube stock plantings		2,400	m2	\$	3.00	\$	7,200.00	Allowance of 2 per m2 to nature strip
		6.2.2	Nature strip		2,400	m2	\$	10.00	\$	24,000.00	Allow for total (3m) wide. Topsoiling and seeding of nature strips, varying in widths
7	STREE	T LIGHTIN	G								seeding of flature strips, varying in widins
	7.1	Street L	ghting								
		7.1.1	Street lighting (incl. lighting conduits)		18	No.		12.500.00		225 222 22	Assume install poles 12m high with lumina placed every 50m (roads) to one side. Rat
		7.1.1	Street lighting (Incl. lighting conduits)		10	NO.	٥	12,500.00	3	225,000.00	includes for electrical lighting conduits
8	MISCEL 8.1	.LANEOU: 8.1.1	Speed company			Item	s		e		Excluded
	8.1	8.1.1 8.1.2	Speed cameras Speed bumps		-	No.	\$	-	\$		Excluded Excluded
	8.2	Retainin 8.2.1	g walls Retaining wall				s	_	s	_	Assume no retaining walls
					-				-		
					-	LM	•				
9	SERVIC	ES			-						Allowance only
9		ES	Relocation		- 1			395,000.00	\$	395,000.00	Allowance only Electrical Pole Relocation
9	9.1	Services	Relocation		1	Allow.	\$	395,000.00		395,000.00	Allowance only Electrical Pole Relocation Allowance only Elha Online Protection
	9.1 9.2	Services Services				Allow.	\$			395,000.00 20,000.00	Allowance only Electrical Pole Relocation Allowance only Fibre Optic Protection
9	9.1 9.2 MAINTE	Services Services ENANCE	Protection		1	Allow.	\$	20,000.00	\$	20,000.00	Allowance only Fibre Optic Protection
	9.1 9.2 MAINTE	Services Services ENANCE				Allow.	\$		\$	20,000.00	Allowance only Fibre Optic Protection
	9.1 9.2 MAINTE	Services Services ENANCE	Protection		1	Allow. Allow.	\$	20,000.00	\$ \$	20,000.00	Allowance only Fibre Optic Protection Allowance for VicRoads maintenance fee each intersection, as advised by WSPPB
	9.1 9.2 MAINTE	Services Services ENANCE	Protection	s	1	Allow. Allow.	\$	20,000.00	\$	20,000.00	Allowance only Fibre Optic Protection Allowance for VicRoads maintenance fee each intersection, as advised by WSPPB
	9.1 9.2 MAINTE	Services Services Services 10.1.1	Protection	s	1	Allow. Allow.	\$	20,000.00	\$ \$	20,000.00	Allowance only Fibre Optic Protection Allowance for VicRoads maintenance fee each intersection, as advised by WSPPB
10	9.1 9.2 MAINTE 10.1	Services Services Services 10.1.1	Protection VicRoads maintenance fee	s	1 1 UB TOTAL -	Allow. Allow. No.	\$	20,000.00	\$ \$	20,000.00 81,000.00 3,161,066.00	Allowance only Fibre Optic Protection Allowance for VicRoads maintenance fee each intersection, as advised by WSPPB
10	9.1 9.2 MAINTE 10.1 DELIVE	Services Services Services 10.1.1	VicRoads maintenance fee VicRoads maintenance fee	s	1 1 2UB TOTAL - 3.25% 1.00%	Allow. Allow. No. WORKS	\$	20,000.00	\$ \$ \$	20,000.00 81,000.00 3,161,066.00	Allowance only Fibre Optic Protection Allowance for VicRoads maintenance fee each intersection, as advised by WSPPB
10	9.1 9.2 MAINTE 10.1 DELIVE 11.1 11.2 11.3	Services Services Services 10.1.1 Services Servi	Protection VicRoads maintenance fee Fees Fees Fees Inangement	s	1 1 1 3.25% 1.00% 5.00%	Allow. Allow. No. WORKS	\$	20,000.00	\$ \$ \$ \$	20,000.00 81,000.00 3,161,066.00 102,734.65 31,610.66 158,053.30	Allowance only Fibre Optic Protection Allowance for VicRoads maintenance fee each intersection, as advised by WSPPB
10	9.1 9.2 MAINTE 10.1 DELIVE 11.1 11.2 11.3 11.4	Services Services Services 10.1.1 Services Council VicRos A Environ	Protection VicRoads maintenance fee Finas Is Fines Is F	s	1 1 2UB TOTAL - 3.25% 1.00%	Allow. No. WORKS Item Item Item Item Item	\$	20,000.00	\$ \$ \$ \$ \$	20,000.00 81,000.00 3,161,066.00 102,734.65 31,610.66 158,053.30 15,805.33	Allowance only Fibre Optic Protection Allowance for VicRoads maintenance fee each intersection, as advised by WSPPB
10	9.1 9.2 MAINTE 10.1 11.1 11.2 11.3 11.4 11.5 11.6	Services Services Services Services 10.1.1 ERY Fees Council VicRoac Traffic h Environ Survey i Supervis	Protection VicRoads maintenance fee VicRoads maintenance fee Figure 1: Fi	s	1 1 3.25% 1.00% 5.00% 9.00%	Allow. No. WORKS Item Item Item Item Item Item Item Item	\$	20,000.00	s s	20,000.00 81,000.00 3,161,066.00 102,734.65 31,610.66 158,053.30 15,805.33 158,053.30 284,495.94	Allowance only Fibre Optic Protection Allowance for VicRoads maintenance fee each intersection, as advised by WSPPB
10	9.1 9.2 MAINTE 10.1 11.1 11.2 11.3 11.4 11.5 11.6 11.7	Services Services Services Services 10.1.1 Fees Council VicRoac Traffic h Environ Survey i Supervis Site Ests	Protection VicRoads maintenance fee VicRoads maintenance fee Fees In Fees In Amagement In User In Indianagement User In Indianagement User In Indianagement User I	s	1 3.25% 1.00% 5.00% 0.50% 9.00%	Allow. No. WORKS Item Item Item Item Item Item Item	\$	20,000.00	\$ \$ \$ \$ \$ \$	20,000.00 81,000.00 3,161,066.00 102,734.65 31,610.66 158,053.30 15,805.33 158,053.30 284,495.94	Allowance only Fibre Optic Protection Allowance for VicRoads maintenance fee each intersection, as advised by WSPPB
10	9.1 9.2 MAINTE 10.1 11.1 11.2 11.3 11.4 11.5 11.6	Services Services Services Services 10.1.1 ERY Fees Council VicRoac Traffic h Environ Survey i Supervis	Protection VicRoads maintenance fee VicRoads maintenance fee Fees In Fees In Amagement In User In Indianagement User In Indianagement User In Indianagement User I		1 3.25% 1.00% 5.00% 5.00% 9.00% 2.50% 15.00%	Allow. Allow. No. WORKS Item Item Item Item Item Item Item Item	\$	20,000.00	s s s s s s s s s s s s s s s s s	20,000.00 81,000.00 3,161,066.00 102,734.65 31,610.66 158,053.30 15,805.33 158,053.30 284,495.94 79,026.65 474,159.90	Allowance only Fibre Optic Protection Allowance for VicRoads maintenance fee each intersection, as advised by WSPPB
10	9.1 9.2 MAINTE 10.1 11.1 11.2 11.3 11.4 11.5 11.6 11.7	Services Services Services Services 10.1.1 Fees Council VicRoac Traffic h Environ Survey i Supervis Site Ests	Protection VicRoads maintenance fee VicRoads maintenance fee Fees In Fees In Amagement In User In Indianagement User In Indianagement User In Indianagement User I		1 3.25% 1.00% 5.00% 0.50% 9.00%	Allow. Allow. No. WORKS Item Item Item Item Item Item Item Item	\$	20,000.00	s s	20,000.00 81,000.00 3,161,066.00 102,734.65 31,610.66 158,053.30 15,805.33 158,053.30 284,495.94	Allowance only Fibre Optic Protection Allowance for VicRoads maintenance fee each intersection, as advised by WSPPB
10	9.1 9.2 MAINTE 10.1 11.1 11.2 11.3 11.4 11.5 11.6 11.7	Services Services Services Services 10.1.1 Fees Council VicRoac Traffic h Environ Survey i Supervis Site Ests	Protection VicRoads maintenance fee VicRoads maintenance fee Fees In Fees In Amagement In User In Indianagement User In Indianagement User In Indianagement User I		1 3.25% 1.00% 5.00% 5.00% 9.00% 2.50% 15.00%	Allow. Allow. No. WORKS Item Item Item Item Item Item Item Item	\$	20,000.00	s s s s s s s s s s s s s s s s s	20,000.00 81,000.00 3,161,066.00 102,734.65 31,610.66 158,053.30 15,805.33 158,053.30 284,495.94 79,026.65 474,159.90	Allowance only Fibre Optic Protection Allowance for VicRoads maintenance fee each intersection, as advised by WSPPB

Vinyard Road/Jacksons Creek Crossing (South) SS-IN-05 (T-intersection - Interim)

n		Description	Quantity	Unit		Rate	Amount	Comments
WORKS								
	RKS AND	EARTHWORKS						
1.1	Pre-cons	truction Demolition and site preparation	17,350	m2	\$	5.40	\$ 93,690.00	
1.2	1.1.1 Earthwor		17,350	m2	3	5.40		
1.2		Cut and disposal at specified location	12 961	m3	s	55.00	\$ 712.0EE.00	Assuming pavement composition depth 650mm deep including fill
	1.2.2		7,662	m3	s	37.80	\$ 289.616.51	650mm deep including fill
1.3	Set-Out	FIII	7,662	ma	\$	37.80	\$ 289,616.51	
	1.3.1	Allow for site set out	1	Item	\$	12,500.00	\$ 12,500.00	
ROAD P	AVEMENT New Pay							
2.1	New Pav	ement						Includes pavement to Traffic lane (3.5m)
	2.1.1	Road pavement - Traffic lanes	4,905	m2	\$	156.60	\$ 768,123.00	parking bay (2.1m) to both sides total wi
22	Rehabilit	ate Existing Pavement						(11.2m)
	2.2.1	Pavement profiling and reshaping	1	Allow.	\$	184,552.00	\$ 184,552.00	Allowance only
	Kerh and	(S						
3.1		Kerb and channel	1.391	LM	S	48.60	\$ 67.602.60	Kerb and channel as per drawing outline
3.2		n & Cycle Paths	.,		-			
	3.2.1	Pedestrian footpath	345	m2	\$	59.00	\$ 20,355.00	Allow pedestrian path to both sides of pr road each (1.5m) wide
								road each (1.5m) wide
	3.2.2	Cycle pathway	391	m2	\$	66.00	\$ 25,806.00	Allow Cycle path (3m) wide
		Shared pathway	630	m2	\$	66.00	\$ 41,580.00	
3.3	Median s							
	3.3.1	Median (Levelled ground - no plants)	1,619	m2	\$	21.60	\$ 34,970.40	Assumed levelled soil, future proofed for planting
DRAINA								. •
4.1	Drainage	- Pipes Stormwater drainage (300mm DIA)	155	LM	\$	216.00	\$ 33,408.00	
	4.1.2	Stormwater drainage (450mm DIA)	155 580	LM	\$	260.00	\$ 150,800.00	
	4.1.3	Stormwater drainage (525mm DIA)		LM	\$	383.50	\$ -	
4.2	4.1.4 Drainage	Drainage, sub grade drain - Pits	1,160	LM	\$	54.00	\$ 62,640.00	
4.2	4.2.1	- Pits Side entry pits	14	No.	\$	2,700.00	\$ 37,800.00	Assumed spacing of approx. 100m
4.3	Drainage	- WSUD	14	Allow.	\$	1,500.00	\$ 21,000.00	
4.4	Drainage	- Miscellaneous		No.	\$	-	s -	Assumed none.
TRAFFIC	С							
5.1	Traffic Si							Data institutes for all 1
	5.1.1	Traffic signals (incl. conduit subset)	1	Allow.	\$	405,000.00	\$ 405,000.00	Rate includes for signals, conduits, pits, etc.
5.2	Traffic Sa							Includes fixed signage, guide posts, line
	5.2.1	Line marking and Traffic Signage	580	LM	\$	32.00	\$ 18,560.00	markings, traffic safety
1.41.00	ADE							
LANDSO 6.1	Trees							
	6.1.1	Tree planting (2-2.5m tall)	10	No.	\$	350.00	\$ 3,500.00	Allowance only
6.2	Landscap 6.2.1	ing Tube stock plantings	1.360	m2	S	3.00	\$ 4,000,00	Allowance of 2 per m2 to nature strip
		Nature strip	1,360	m2 m2	\$	10.00	4,000.00	Allowance or 2 per m2 to nature strip Allow for total (3m) wide. Topsoiling and of nature strips, varying in widths
erness			1,360	m2	3	10.00	a 13,600.00	of nature strips, varying in widths
STREET 7.1	Street Lig							
1.1	Jueer Lit	rivery						Assume install poles 12m high with lumin
	7.1.1	Street lighting (incl. lighting conduits)	12	No.	\$	12,500.00	\$ 150,000.00	placed every 50m (roads) to one side. R
								includes for electrical lighting conduits
MICCE	LANEOUS							
MISCEL 8.1	8.1.1	Speed cameras		Item	\$		s -	Excluded
	8.1.2	Speed bumps		No.	\$	-	š -	Excluded
8.2	Potnini							
8.2	Retaining 8.2.1	walls Retaining wall		LM	s	_	s -	Assume no retaining walls
					-			
SERVICI 9.1		Relocation		Allow.	\$		s -	Excluded
9.1		Relocation Protection	- 1	Allow.	\$	20,000.00		
					-	.,		
MAINTE								Allowance for VicRoads maintenance fe
10.1	10.1.1	VicRoads maintenance fee	1	No.	\$	81,000.00	\$ 81,000.00	each intersection, as advised by WSPPI
			SUB TOTAL	- WORKS			\$ 3,253,038.51	
DEI IV	DV .				_		-	
DELIVE	Fees							
11.1	Council F		3.25%	Item			\$ 105,723.75	
11.2	VicRoads	Fees	1.00%	Item			\$ 32,530.39 \$ 162.651.93	
11.3 11.4	Environm	anagement ental Management	5.00% 0.50%	Item Item			\$ 162,651.93 \$ 16,265.19	
11.5	Survey &		5.00%	Item			\$ 162,651.93	
11.6		on & Project Management	9.00%	Item			\$ 292,773.47 \$ 81,325.96	
11.7 11.8	Site Esta Continge		2.50% 15.00%	Item Item			\$ 81,325.96 \$ 487,955.78	
11.0	Continge		SUB-TOTAL D				\$ 1,341,878.39	
			SUB-TUTAL L	LLIVERY			9 1,341,078.38	

Vineyard Rd / Moore Rd / Old Vineyard Rd Intersection SS-IN-07 (Cross Intersection - Interim)

_			Description	Quantity	Unit	L	Rate		Amount	Comments
	WORKS					_				· -
1	SITEWO	RKS AND	EARTHWORKS							
	1.1	Pre-con:	Demolition and site preparation	14,106	m2	s	5.40	S	76,172.40	
	1.2	Earthwo	rks	,						
		1.2.1	Cut and disposal at specified location	12,960	m3	\$	55.00	\$	712,800.00	Assuming pavement composition depth to 650mm deep including fill
		1.2.2	Fill		m3	\$	37.80	\$	-	
	1.3	Set-Out	Allow for site set out	1	Item	•	12,500.00	9	12,500.00	
2		AVEMEN	т		Itelli	φ	12,300.00	٠	12,300.00	
	2.1	New Par	vement							Includes pavement to Traffic lane (3.5m) a
		2.1.1	Road pavement - Traffic lanes	6,950	m2	\$	156.60	\$	1,088,370.00	parking bay (2.1m) to both sides total widt
										(11.2m)
	2.2	Rehabili	ate Existing Pavement							
3	CONCD	2.2.1 ETE WOR	Pavement profiling and reshaping	1	Allow.	\$	152,070.00	\$	152,070.00	Allowance only
3	3.1	Kerb an	Channel							
		3.1.1	Kerb and channel	2,331	LM	\$	48.60	\$	113,286.60	Kerb and channel as per drawing outlined
	3.2		an & Cycle Paths							Allow pedestrian path to both sides of
		3.2.1	Pedestrian footpath	872	m2	\$	59.00	\$	51,418.50	Allow pedestrian path to both sides of proposed road each (1.5m) wide
		322	Cycle pathway	525	m2	\$	66.00	s	34 650 00	Allow Cycle path (3m) wide
			, , , , , , , , , , , , , , , , , , , ,	323			00.00	-	24,000.00	-, , (/) mac
		3.2.3	Shared pathway	1,173	LM	\$	66.00	\$	77,418.00	
	3.3	Median	strip							
		3.3.1	Median (Levelled ground - no plants)	943	m2	\$	21.60	\$	20,368.80	Assumed levelled soil, future proofed for planting
4	DRAINA									passary
	4.1	Drainage	e - Pipes Stormwater drainage (300mm DIA)	145	LM	s	216.00	e	31,392.00	
		4.1.2	Stormwater drainage (450mm DIA)	545	LM	\$	260.00	\$	141,700.00	
		4.1.3	Stormwater drainage (525mm DIA)	1.090	LM	\$	383.50 54.00		58.860.00	
	4.2	Drainage	Drainage, sub grade drain - Pits	1,090	LM	э	54.00	\$		
	4.3	4.2.1	Side entry pits	15	No.	\$	2,700.00		40,500.00	Assumed spacing of 75m
	4.4	Drainage	e - WSUD e - Miscellaneous	15	Allow.	\$	1,500.00	S	22,500.00	Assumed none.
5	TRAFFIE 5.1	Troffic C	ianala							
	3.1	Trainic G	Traffic signal for major cross intersection (incl	conduit ,			540 000 00			Rate includes for signals, conduits, pits,
		5.1.1	subset)	1	Allow.	>	540,000.00	5	540,000.00	footings etc.
	5.2	Traffic S	afety							
	0.2		Line marking and Traffic Signage	545	LM	s	32.00	e	17 440 00	Includes fixed signage, guide posts, line
						-		•	,	markings, traffic safety
6	LANDS									
	6.1	Trees	Tree planting (2-2.5m tall)	10	No.	s	350.00	e	3 500 00	Allowance only
	6.2	Landsca	ping			-				
			Tube stock plantings	2,054	m2	\$	3.00		6,162.00	Allowance of 2 per m2 to nature strip Allow for total (3m) wide. Topsoiling and seeding of nature strips, varying in widths
			Nature strip	2,054	m2	\$	10.00	\$	20,540.00	seeding of nature strips, varying in widths
7	STREET 7.1	LIGHTIN								
	7.1	Street L	gnung							Assume install poles 12m high with lumin
		7.1.1	Street lighting (incl. lighting conduits)	11	No.	\$	12,500.00	\$	137,500.00	placed every 50m (roads) to one side. Ra
										includes for electrical lighting conduits
8	MISCEL	LANEOUS	3							
	8.1	8.1.1	Speed cameras	-	Item	\$		\$	-	Excluded
		8.1.2	Speed bumps	-	No.	\$	-	\$		Excluded
		Retainin	g walls							
	8.2					S	-	\$		Assume no retaining walls
	8.2	8.2.1	Retaining wall	-	LM	-				
9	SERVIC	8.2.1 ES		-						
9	SERVIC 9.1	8.2.1 ES Services	Relocation	-	Allow.	\$	<u>.</u>	\$		Excluded
9	SERVIC 9.1	8.2.1 ES Services		- - 1			20,000.00	\$	20,000.00	
9	SERVIC 9.1	8.2.1 ES Services Services	Relocation	- - 1	Allow.	\$	20,000.00	\$		Excluded
9	SERVIC 9.1 9.2 MAINTE	8.2.1 ES Services Services	Relocation		Allow.	\$	20,000.00			Excluded
9	SERVIC 9.1 9.2 MAINTE	8.2.1 ES Services Services	Relocation Protection		Allow. Allow. No.	\$ \$		\$	81,000.00	Excluded
9	SERVIC 9.1 9.2 MAINTE	8.2.1 ES Services Services	Relocation Protection	1 1 SUB TOTAL	Allow. Allow. No.	\$ \$				Excluded
	9.1 9.2 MAINTE 10.1	8.2.1 ES Services Services NANCE 10.1.1	Relocation Protection		Allow. Allow. No.	\$ \$		\$	81,000.00	Excluded
	SERVIC 9.1 9.2 MAINTE 10.1	8.2.1 ES Services Services 10.1.1	Relocation Protection VicRoads maintenance fee	SUB TOTAL	Allow. Allow. No.	\$ \$		\$	81,000.00 3,460,148.30	Excluded
	9.1 9.2 MAINTE 10.1	8.2.1 ES Services Services NANCE 10.1.1	Relocation Protection VicRoads maintenance fee	SUB TOTAL	Allow. No. WORKS	\$ \$		\$ \$	81,000.00 3,460,148.30	Excluded
	SERVIC 9.1 9.2 MAINTE 10.1	8.2.1 ES Services Services NANCE 10.1.1 Fees Council VicRoad	Relocation Protection VicRoads maintenance fee	3.25% 1.00% 5.00%	Allow. Allow. No.	\$ \$		\$ \$ \$ \$ \$	81,000.00 3,460,148.30 112,454.82 34,601.48 173,007.42	Excluded
	SERVIC 9.1 9.2 MAINTE 10.1 DELIVE 11.1 11.2 11.3 11.4	8.2.1 Services Services Services INANCE 10.1.1 RY Fees Council VicRoac Traffic M Environr	Relocation Protection VicRoads maintenance fee Fees Fees Fees Independent mental Management	3.25% 1.00% 5.00% 0.50%	Allow. No. WORKS Item Item Item Item	\$ \$		\$ \$ \$ \$ \$	3,460,148.30 3,460,148.30 112,454.82 34,601.48 173,007.42 17,300.74	Excluded
	SERVIC 9.1 9.2 MAINTE 10.1 DELIVE 11.1 11.2 11.3 11.4 11.5	8.2.1 Services Services Services NANCE 10.1.1 Fees Council VicRoad Traffic M Environn Survey 8	Relocation Protection VicRoads maintenance fee Fees 6 Fees 1 Fees	3.25% 1.00% 5.00% 0.50% 5.00%	Allow. No. WORKS Item Item Item Item Item	\$ \$		\$ \$ \$ \$ \$ \$	81,000.00 3,460,148.30 112,454.82 34,601.48 173,007.42 173,007.42	
	SERVIC 9.1 9.2 MAINTE 10.1 DELIVE 11.1 11.2 11.3 11.4 11.5 11.6 11.7	8.2.1 ES Services Services NANCE 10.1.1 Fees Council VicRoad Traffic M Environr Survey & Supervis Site Ests Site Ests	Relocation Protection VicRoads maintenance fee VicRoads maintenance fee Fees 1 Fees	3.25% 1.00% 5.00% 0.50% 9.00% 2.50%	Allow. No. WORKS Item Item Item Item Item Item Item Ite	\$ \$		\$ \$ \$ \$ \$	81,000.00 3,460,148.30 112,454.82 34,601.48 173,007.42 17,3007.42 311,413.35 86,503.71	Excluded
	SERVIC 9.1 9.2 MAINTE 10.1 DELIVE 11.1 11.2 11.3 11.4 11.5 11.6	8.2.1 Services Services Services 10.1.1 Fees Council VicRoad Traffic M Environr Survey & Supervis	Relocation Protection VicRoads maintenance fee VicRoads maintenance fee Fees 1 Fees	3.25% 1.00% 5.00% 0.50% 5.00% 9.00% 2.50%	Allow. No. Item Item Item Item Item Item Item Ite	\$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	81,000.00 3,460,148.30 112,454.82 34,601.48 173,007.4 173,007.4 2311,413.35 86,503,71 519,022.25	Excluded
	SERVIC 9.1 9.2 MAINTE 10.1 DELIVE 11.1 11.2 11.3 11.4 11.5 11.6 11.7	8.2.1 ES Services Services NANCE 10.1.1 Fees Council VicRoad Traffic M Environr Survey & Supervis Site Ests Site Ests	Relocation Protection VicRoads maintenance fee VicRoads maintenance fee Fees 1 Fees	3.25% 1.00% 5.00% 0.50% 9.00% 2.50%	Allow. No. Item Item Item Item Item Item Item Ite	\$ \$		\$ \$ \$ \$ \$ \$ \$	81,000.00 3,460,148.30 112,454.82 34,601.48 173,007.42 17,3007.42 311,413.35 86,503.71	Excluded
	SERVIC 9.1 9.2 MAINTE 10.1 DELIVE 11.1 11.2 11.3 11.4 11.5 11.6 11.7	8.2.1 ES Services Services NANCE 10.1.1 Fees Council VicRoad Traffic M Environr Survey & Supervis Site Ests Site Ests	Relocation Protection VicRoads maintenance fee VicRoads maintenance fee Fees 1 Fees	3.25% 1.00% 5.00% 0.50% 5.00% 9.00% 2.50%	Allow. No. Item Item Item Item Item Item Item Ite	\$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	81,000.00 3,460,148.30 112,454.82 34,601.48 173,007.4 173,007.4 2311,413.35 86,503,71 519,022.25	Excluded

Lancefield Rd/Gellies Road Intersection SS-IN-08 (T-intersection - Interim)

	### WORKS 1 SITEWORKS AND EARTHWORKS 1.1 Pre-construction 1.2 Earthworks 1.2 Earthworks 1.2.1 Cut and disposal at specified location 1.2.2 Fill 1.3 Set-Out 1.3 Set-Out 1.3.1 Allow for site set out 1.3.1 Allow for site set out 2 ROAD PAYEMENT 2.1 New Persenent 2.1.1 Road pavement - Traffic lanes 13,010 m2 \$ 156.60 \$ 2,037,366.00 for parking bay (2.1m) to be (11.2m) 2.1 Read pavement - Traffic lanes 13,010 m2 \$ 156.60 \$ 2,037,366.00 for parking bay (2.1m) to be (11.2m) 2.2 Rehabilitate Existing Pavement 2.1 Pavement profiling and reshaping 3.1 Kerb and Channel 3.2.1 Pedestrian A Cycle Parts 3.2.2 Cycle parking 3.2.3 Shared parkiney 3.3.3 Median strp 3.3.1 Median develled ground - no plants) 3.3.1 Median flave elided ground - no plants) 4 DRANAGE 4 DRANA	position depth total i trific lane (3.5m) and th sides total width h side of traffic lane trian path to both sides total wide. Total span de
Processor	Tell Performance Tell Perfor	officiane (3.5m) and his ides total width width sides total width his idea of trafficiane rian path to both sides (5.5m) wide. Total spande to the proofed for
1	1- Pre-Construction 16,720 m2 5.40 5.00	officiane (3.5m) and his ides total width width sides total width his idea of trafficiane rian path to both sides (5.5m) wide. Total spande to the proofed for
1.1. Card ordigonesia si specified boation 11.756	Table Company Compan	officiane (3.5m) and his ides total width width sides total width his idea of trafficiane rian path to both sides (5.5m) wide. Total spande to the proofed for
1.2.1 Cut and deposal at specified location 11,756 m3 \$ 5,500 \$ 0.0000000000000000000000000000000	1.2.1 Cut and disposal at specified location 11,758 m/3 \$ 55,00 \$ 646,690.00 Assuming parament to Common deep including for 1.3 Ser-Out 1.3 Allow for site set out 1 18m \$ 12,500.00 \$ 12,500.00 \$	officiane (3.5m) and his ides total width width sides total width his idea of trafficiane rian path to both sides (5.5m) wide. Total spande to the proofed for
1.22 Fall	1.2 File	officiane (3.5m) and his ides total width width sides total width his idea of trafficiane rian path to both sides (5.5m) wide. Total spande to the proofed for
1.3.1 Allow for size set out 1 km \$ 12,000.00 \$ 12,000.00	1.3.1 Allow for raise set out	h side of traffic lane risin path to both sides 5.5m) wide. Total span de ture proofed for
2	2	h side of traffic lane risin path to both sides 5.5m) wide. Total span de ture proofed for
2.1.1 Road pavement - Traffic Lanes	2.1 Road pavement - Traffic lanes 13,010 m2 \$156.60 \$2,037,3600 anising payer (2.7m) to be contained by (2.7	h side of traffic lane risin path to both sides 5.5m) wide. Total span de ture proofed for
2.11 Road parameter - Traffic Lates 13.010 mr. 2 15.65 3 2.037.365.00 particip lays (2-m) to both index total width (17.2m)	2.1.1 Road pavement - Traffic lanes 13,010 m2 \$ 156.00 \$ 2,037,366.00 parking bay (2.1m) to be (11.2m)	h side of traffic lane risin path to both sides 5.5m) wide. Total span de ture proofed for
1	Committee Comm	h side of traffic lane rian path to both side 1.5m) wide. Total span de ture proofed for
2.1 Parente profiling and relativipancy 1 Allow 5 15,771.00 5 15,771.00 Not Automatic only	2.1 Pavement profiling and reshaping 1 Allow \$15,771.00 \$15,771.00 Allowance only 1 Allow 1	rian path to both sides .5m) wide. Total span de ture proofed for
2.1 Parente profiling and relativipancy 1 Allow 5 15,771.00 5 15,771.00 Not Automatic only	2.1 Pavement profiling and reshaping 1 Allow \$15,771.00 \$15,771.00 Allowance only 1 Allow 1	rian path to both sides .5m) wide. Total span de ture proofed for
3	Section Content Cont	rian path to both sides .5m) wide. Total span de ture proofed for
3.1 Keth and channel 946 M 5 4,00 5 4,070 Note and channel to each size of critic lawn 3.2 Protestina Coycle Paths 462 2 5 5,00 5 2,7250 Companies (Paciliary) 3.2 Section 3.2 Protestina (Copy) 3.2 Section 3.2 Section (Copy) 3.2 Section 3.2	State Stat	rian path to both sides .5m) wide. Total span de ture proofed for
3.21 Pedestrian Corporal Parts	3.2 Pedestrian Koyle Parts	rian path to both sides .5m) wide. Total span de ture proofed for
3.2.1 Processor in forcing and 462	3.2.1 Pedestrian footpath 462 m2 5.600 5 27.280.00 of proposed road each (3.0m) wide 3.2.2 Cycle pathway 2,000 m2 5.600 5 30.482.00 Allow Cycle path (3.0m) wide 3.2.3 Shared pathway 2,000 m2 5.600 5 30.000	5m) wide. Total span de ture proofed for
3.2 Cycle pathway	Section Sect	de ture proofed for
3.3 Shaded pathway	3.2 Shared pathway 2,000 m2 \$ 66.00 \$ 132,000.00	ture proofed for
3.3 Median strip 3.31 Median (Levelled ground - no plants) 3.305 m/z \$ 2 1.60 \$ 69.220.00	3.3 Median strip 3.3 Median (Levelled ground - no plants) 3.05 mz \$ 21.60 \$ 69.28 00 Seguent plants Seguent	
A Description	A DRAWNACE	
A PANAMORE	A	ox. 100m
4.1.1 Stormwater draining (600mm DA)	4.1.1 Stormwater drainage (300mm DIA)	rox. 100m
4.12 Stormwater drainage (150mm DIA)	4.1.2 Stormwater drainage (450mm DIA)	rox. 100m
1.14	A1.4 Drainage, sub grade drain 1,340 LM \$ 5.40.0 \$ 72,360.00 4.2 Drainage - Piss 9 No. \$ 2,700.00 \$ 24,300.00 Assumed spacing of app 4.3 Drainage - WSUD 9,80w. \$ 1,500.00 \$ 1,500.00 \$ 1,500.00 4.4 Drainage - Miscellaneous 1 No. \$ 146,000.00 \$ 1,46,000.00 \$ 1,46,000.00 \$ 5 TRAFIC 5.1 Traffic Signals (incl. conduit subset) 1 Allow. \$ 540,000.00 \$ 540,000.00 \$ 1,600.00 \$ 5.2 Traffic Signals (incl. conduit subset) 1 Allow. \$ 540,000.00 \$ 540,000.00 \$ 1,600.00 \$ 5.2 Traffic Safety 5.2 Line marking and Traffic Signage 670 LM \$ 3,200 \$ 21,440.00 \$ 6 LANDSCAPE 6.1 Trees 6.1.1 Tree planting (2.2.5m tall) 1 No. \$ 3,500 \$ 4,200.00 Allowance only 6 LANDSCAPE 6.1 Trees 6.1.1 Tree planting (2.2.5m tall) 1 No. \$ 3,500 \$ 4,200.00 Allowance only 6 LANDSCAPE 6.1 Trees 6.1.1 Tree planting (2.2.5m tall) 1 No. \$ 3,500 \$ 4,200.00 Allowance only 6 LANDSCAPE 6.1 Trees 6.1.1 Tree planting (2.2.5m tall) 1 No. \$ 3,500 \$ 4,200.00 Allowance only 6 LANDSCAPE 6.1 Trees 6.1.1 Tree planting (2.2.5m tall) 1 No. \$ 3,500 \$ 4,200.00 Allowance only 6 LANDSCAPE 6.1 Trees 6.1.1 Tree planting (2.2.5m tall) 1 No. \$ 3,500 \$ 4,200.00 Allowance only 6 LANDSCAPE 6.1 Trees 6.1.1 Tree planting (2.2.5m tall) 1 No. \$ 3,500 \$ 4,200.00 Allowance only 6 LANDSCAPE 6.1 Trees 6.1.1 Tree 6.1.1 Tree 6.1 Trees 6.1.1 Tree 6.1 Trees 6.1 Tree	rox. 100m
4.2 Drainage - Pits 9 No. \$ 2,700.00 \$ 24,300.00 Assumed spacing of approx. 100m 4.3 Drainage - Miscolinerous 1 No. \$ 146,000.00 \$ 140,000.00 \$	4.2 Drainage -Pts 4.2 I Side entry pits 9 No. \$ 2,700.00 \$ 24,300.00 Assumed spacing of appl 4.3 Drainage - WSQLD 9 Allows 5 1,500.00 \$ 13,500.00 \$ 13,500.00 \$ 13,500.00 \$ 13,500.00 \$ 13,500.00 \$ 13,500.00 \$ 13,500.00 \$ 13,500.00 \$ 13,500.00 \$ 13,500.00 \$ 13,500.00 \$ 13,500.00 \$ 13,500.00 \$ 13,500.00 \$ 13,500.00 \$ 13,500.00 \$ 13,500.00 \$ 13,500.00 \$ 13,500.00 \$ 14	rox. 100m
## 4.3 Drainage - WISUD ## A low	4.3 Drainage - WSUD 9 Allow \$ 1,500.00 \$ 15,500.00 \$ 15,500.00 \$ 14,000.00 \$ 15,500.00 \$ 14,000.00 \$ 15,500.00 \$ 14,000.00 \$ 1	rox. 100m
1 No. \$146,000.00 \$ \$1	1 No. \$ 146,000.00 \$ 146,000.00	
S.1 Traffic Signals S.1. Traffic Signals (incl. conduit subset) 1 Allow. S.540,000.00 S.540,000.00 Fate includes for signals, conduits, pils, footings, etc.	5.1 Traffic Signals	
S.1 Traffic Signals S.1 Traffic Signals (incl. conduit subset) 1 Allow. S. \$40,000.00 S. \$40,000.00 Fate includes for signals, conduits, pils, footings, etc.	5.1 Traffic Signals	
S.2 Traffic Safety S.2.1 Line marking and Traffic Signage 670 LM \$ 32.00 \$ 21,440.00 Includes fixed signage, guide posts, line markings, traffic safety	5.2 Traffic Safety 5.2.1 Line marking and Traffic Signage 670 LM \$ 32.00 \$ 21,440.00 Includes fixed signage, markings, traffic safety 6 LANDSCAPE 6.1 Trees 6.1 Trees 6.1.1 Tree planting (2.2.5m tall) 12 No. \$ 350.00 \$ 4,200.00 Allowance only 6.2 Landscaping	
S.2 Traffic Safety S.2.1 Line marking and Traffic Signage 670 LM \$ 32.00 \$ 21,440.00 Includes fixed signage, guide posts, line markings, traffic safety	5.2 Traffic Safety 5.2.1 Line marking and Traffic Signage 670 LM \$ 32.00 \$ 21,440.00 Includes fixed signage, markings, traffic safety 6 LANDSCAPE 6.1 Trees 6.1 Trees 6.1.1 Tree planting (2.2.5m tall) 12 No. \$ 350.00 \$ 4,200.00 Allowance only 6.2 Landscaping	conduits, pits,
S.2.1 Line marking and Traffic Signage 670 LM \$ 32.00 \$ 21,440.00 Includes fixed signage, guide posts, line markings, traffic safety	5.2.1 Line marking and Traffic Signage 670 kM \$ 32.00 \$ 21,440.00 includes fixed signage, marking and Traffic Signage 7.00 \$ 21,440.00 includes fixed signage, marking straffic safety \$ 6.1 Trees 6.1.1 Tree planting (2-2.5m tail) \$ 12 No. \$ 350.00 \$ 4,200.00 Allowance only 6.2 Landscaping	
Section Continue	6 LANDSCAPE 6.1 Trees 6.1.1 Tree planting (2-2-5m tall) 12 No. \$ 350.00 \$ 4,200.00 Allowance only 6.2 Landscaping	uida noste lina
6.1 Trees Includes Trees Continue	6.1 Trees 6.1.1 Tree planting (2-2.5m tail) 12 No. \$ 350.00 \$ 4,200.00 Allowance only 6.2 Landscaping (2-2.5m tail) 12 No. \$ 350.00 \$ 4,200.00 Allowance only 6.2 Landscaping (2-2.5m tail) 12 No. \$ 350.00 \$ 4,200.00 Allowance only 6.2 Landscaping (2-2.5m tail) 12 No. \$ 350.00 \$ 4,200.00 Allowance only 6.2 Landscaping (2-2.5m tail) 12 No. \$ 350.00 \$ 4,200.00 Allowance only 6.2 Landscaping (2-2.5m tail) 12 No. \$ 350.00 \$ 4,200.00 Allowance only 6.2 Landscaping (2-2.5m tail) 12 No. \$ 350.00 \$ 4,200.00 Allowance only 6.2 Landscaping (2-2.5m tail) 12 No. \$ 350.00 \$ 4,200.00 Allowance only 6.2 Landscaping (2-2.5m tail) 12 No. \$ 350.00 \$ 4,200.00 Allowance only 6.2 Landscaping (2-2.5m tail) 12 No. \$ 350.00 \$ 4,200.00 Allowance only 6.2 Landscaping (2-2.5m tail) 12 No. \$ 350.00 \$ 4,200.00 Allowance only 6.2 Landscaping (2-2.5m tail) 12 No. \$ 350.00 \$ 4,200.00 Allowance only 6.2 Landscaping (2-2.5m tail) 12 No. \$ 350.00 \$ 4,200.00 Allowance only 6.2 Landscaping (2-2.5m tail) 12 No. \$ 350.00 \$ 4,200.00 Allowance only 6.2 Landscaping (2-2.5m tail) 12 No. \$ 350.00 \$ 4,200.00 Allowance only 6.2 Landscaping (2-2.5m tail) 12 No. \$ 350.00 \$ 4,200.00 Allowance only 6.2 Landscaping (2-2.5m tail) 12 No. \$ 350.00 \$ 4,200.00 Allowance only 6.2 Landscaping (2-2.5m tail) 12 No. \$ 350.00 \$ 4,200.00 Allowance only 6.2 Landscaping (2-2.5m tail) 12 No. \$ 350.00 \$ 4,200.00 Allowance only 6.2 Landscaping (2-2.5m tail) 12 No. \$ 350.00 \$ 4,200.00 Allowance only 6.2 Landscaping (2-2.5m tail) 12 No. \$ 350.00 \$ 4,200.00 Allowance only 6.2 Landscaping (2-2.5m tail) 12 No. \$ 350.00 \$ 4,200.00 Allowance only 6.2 Landscaping (2-2.5m tail) 12 No. \$ 350.00 \$ 4,200.00 Allowance only 6.2 Landscaping (2-2.5m tail) 12 No. \$ 350.00 \$ 4,200.00 Allowance only 6.2 Landscaping (2-2.5m tail) 12 No. \$ 350.00 \$ 4,200.00 Allowance only 6.2 Landscaping (2-2.5m tail) 12 No. \$ 350.00 \$ 4,200.00 Allowance only 6.2 Landscaping (2-2.5m tail) 12 No. \$ 350.00 \$ 4,200.00 Allowance only 6.2 Landscaping (2-2.5m tail) 12 No. \$ 350.00 \$ 4,200.00 Allowance only 6.2 Landscaping	and pools, mic
Second S	6.1 Trees 6.1.1 Tree planting (2-2.5m tall) 12 No. \$ 350.00 \$ 4,200.00 Allowance only 6.2 Landscaping 6.2 Landscaping 6.3 \$ 30.5 \$ 370.00 Allowance of 2 accretions	
Second	6.2 Landscaping 1. Tube steek elections 1. Out m2 \$ 2.00 \$ 2.70 20 Allowance of 2 parm2 to	
STREET LIGHT WE 10.0 10.	6.2.1 Tube stock plantings 010 m2 \$ 2.00 \$ 2.720.20 Allowance of 2 per m2 to	
T.1. Street Lighting T.1. Street lighting (incl. lighting conduits)		nature strip
Total Control Contro	6.2.2 Nature strip 910 m2 \$ 10.00 \$ 9,101.00 searling of nature strips	Topsoiling and
	7 STREET LIGHTING	raryang ar muuro
Street lighting (incl. lighting conduits)		
Sum	Assume install poles 12. 7.1.1 Street lighting (incl. lighting conduits) 14 No. \$ 12.500.00 \$ 175.000.00 placed every 50m (road)	high with luminaries to one side. Rate
Set	includes for electrical lig	ting conduits
Set	A MICCELLANGUIC	
8.1.2 Retaining walls 8.2.1 Retaining wall 8.2.1 Retaining wall 9 SERVICES 9.1 Services Relocation 9.2 Services Protection 1 Allow. \$ 743,720.00 \$ 743,720.00 \$ Allowance only Electrical Pole Relocation 9.2 Services Protection 1 Allow. \$ 743,720.00 \$ 20,000.00 \$ 20,000.00 Allowance only Electrical Pole Relocation 9.2 Services Protection 1 No. \$ 81,000.00 \$ 81,000.00 Allowance only Electrical Pole Relocation 9.2 Services Protection 1 No. \$ 81,000.00 \$ 81,000.00 Allowance only Electrical Pole Relocation 9.2 Services Protection 1 No. \$ 81,000.00 \$ 81,000.00 Allowance only Electrical Pole Relocation 9.2 Services Protection 1 No. \$ 81,000.00 \$ 81,000.00 Allowance only Electrical Pole Relocation 9.2 Services Protection	8.1 8.1.1 Speed cameras - Item \$ - \$ - Excluded	
S.21 Retaining wall S. S. Assume no retaining walls		
S.21 Retaining wall S. S. Assume no retaining walls	8.2 Retaining walls	
9.1 Services Relocation	8.2.1 Retaining wall - LM \$ - \$ - Assume no retaining wa	s
9.1 Services Relocation	9 SERVICES	
9.2 Services Protection	Allowance only	
1	Electrical Pole Relocation	4
10.1 10.1.1 VicRoads maintenance fee 1 No. \$ 81,000.00 \$ 8		
SUB TOTAL - WORKS \$ 5,612,536.83	Allerman for McDanda	maintenance fee to
The Delivery Foss 1.1. Countifiers 3.25% Item \$ 182,407.44 11.1 VicRoads Fees 1.00% Item \$ 56,125.37 11.3 Triff Management 5.00% Item \$ 28,062.68 11.4 Environmental Management 0.55% Item \$ 28,062.68 11.5 Supervision & Froject Management 5.00% Item \$ 28,062.68 11.5 Supervision & Froject Management 5.00% Item \$ 28,062.68 11.5 Supervision & Froject Management 5.00% Item \$ 28,062.68 11.8 Contingency 1.50% Item \$ 24,062.68 11.8 Contingency 1.50% Item \$ 841,880.50 11.8 Contingency 1.50% Item 1.50%	10.1 10.1.1 VicRoads maintenance fee 1 No. \$ 81,000.00 \$ 81,000.00 acach intersection, as ad-	ised by WSPPB
The Control of Project Management 1.5		
Fees 11.1 Councifees 3.25% Item \$ 182.407.44 11.2 VicRoads Fees 1.00% Item \$ 56,125.37 11.3 Traffic Management 5.00% Item \$ 260,626.83 11.4 Environmental Management 0.50% Item \$ 280,626.85 11.5 Supervision & Project Management 9.00% Item \$ 280,626.83 11.5 Supervision & Project Management 9.00% Item \$ 505,123.32 11.7 Size Establishment 2.25% Item \$ 150,122.32 11.8 Confingency 1.00% Item \$ 100,122.43 11.8 Confingency 1.00% Item \$ 10,122.43 11.8	SUB TOTAL - WORKS \$ 5,612,536.63	
11.1 Council Fees 3.25%, Bem \$ 182,407.44 11.2 VicRodats Fees 1.00%, Bem \$ 561.25.37 11.3 Traffic Management 5.00%, Bem \$ 280,628.83 11.4 Environmental Management 0.50%, Bem \$ 280,628.83 11.5 Survey & Design 5.00%, Bem \$ 280,628.83 11.6 Supervision & Project Management 9.00%, Bem \$ 280,628.83 11.7 Site Establishment 2.50%, Bem \$ 140,313.42 11.8 Contingency 15.00%, Bem \$ 941,835.50 SUB-TOTAL DELIVERY		
11.2 VcRoads Fees		
11.4 Environmental Management 0.50% Item \$ 28,062.68 11.5 Supervision & Project Management 5.00% Item \$ 280,626.63 11.7 Site Establishimment 2.00% Item \$ 505,128.30 11.7 Site Establishimment 2.50% Item \$ 10,313.42 11.8 Contingency 15.00% Item \$ 811,885.59 SUB-TOTAL DELIVERY	11.2 VicRoads Fees 1.00% Item \$ 56,125.37	
11.5 Survey & Design 5.00% Item \$ 280,626.83 11.6 Supervision & Project Management 9.00% Item \$ 505,83.0 11.7 Site Establishment 2.50% Item \$ 140,313.42 11.8 Contingency 15.00% Item \$ \$ 140,313.42 11.8 Contingency SUB-TOTAL DELIVERY \$ 2,315,171.36	11.3 Traffic Management 5.00% Item \$ 280,626.83	
11.6 Supervision & Project Management 9.00% Item \$ 505,128.30 11.7 Site Establishment 2.50% Item \$ 140,313.42 11.8 Contingency 15.00% Item \$ 841,880.50 SUB-TOTAL DELIVERY \$ 2,315,171.36	11.4 Environmental Management 0.50% Item \$ 28,062.68 11.5 Survey & Design 5.00% Item \$ 280.626.83	
11.8 Contingency 15.00% Item S 841.880.50 SUB-TOTAL DELIVERY \$ 2,315,171.36	11.6 Cupposicion & Project Management 0.009/ Jam \$ 506-139-20	
SUB-TOTAL DELIVERY \$ 2,315,171.36	11.0 Supervision & Floject wantagement 5.00% Item 9 503,120.30	
	11.7 Site Establishment 2.50% Item \$ 140,313.42	
12 TOTAL ESTIMATED PROJECT COST \$ 7,927,707.99	11.7 Site Establishment 2.50% Item \$ 140,313.42 11.8 Contingency 15.00% Item \$ 841,880.50	
12 TOTAL ESTIMATED PROJECT COST \$ 7,927,707.99	11.7 Site Establishment 2.50% Item \$ 140,313.42 11.8 Contingency 15.00% Item \$ 841,880.50	
	11.7 Site Establishment 2.50% Item \$ 140,313.42 11.8 Contingency 15.00% Item \$ 841,880.50	

Jacksons Creek Crossing (South)/ Buckland Way Intersection SS-IN-09 (ULTIMATE) (Cross Intersection)

Item			Description	Quantity	Unit		Rate		Amount	Comments
	WORKS			•						•
1	SITEWO	RKS AND EA								
	1.1	1.1.1 Der	nolition and site preparation	15,114	m2	\$	5.40	\$	81,615.60	
	1.2	Earthworks								
		1.2.1 Cut	and disposal	3,906	m3 t m3	\$	55.00 37.80		147.737.98	
		1.2.3 Cut	to fill	12,768		\$	70.00		893,732.76	
	1.3	Set-Out 1.3.1 Allo	w for site set out	1	Item	\$	12,500.00	\$	12,500.00	
2		AVEMENT New Paveme								
	2.1	Ivew r aveille	111.							Includes pavement to Traffic lane (3.5m) and
		2.1.1 Ro	ad pavement - Traffic lanes		m2	\$	156.60	\$	1,253,426.40	parking bay (2.3m) to both sides total width (11.6m)
				8,004	1					(11.611)
	2.2	Rehabilitate B	xisting Pavement		Allow.	s	_	s		Assume all new works.
3		ETE WORKS	vement profiling and reshaping		Allow.	\$	-	\$	-	Assume all new works.
	3.1	Kerb and Cha								Kerb and channel to both sides of each traffic
			b and channel	1,440) LM	\$	48.60	\$	69,984.00	lane
	3.2	Pedestrian & 3.2.1 Ped	Cycle Paths destrian footpath	1.511	m2	s	59.00	S	89.149.00	Allow Cycle path (3m) wide
										, , , , , , , , , , , , , , , , , , , ,
		3.2.2 Cyc	ле рашway	1,280) m2	\$	66.00	3	84,480.00	
		3.2.3 Sha	ared pathway	460) m2	\$	66.00	\$	30,360.00	Apparent shared pathway on western side of SS-RD4
	3.3	Median strip								
4	DRAINA	3.3.1 Me GE	dian (Levelled ground)	451	m2	\$	32.40	\$	14,612.40	
	4.1	Drainage - Pi	pes	159) LM		216.00	•	34.329.60	
		4.1.1 Sto 4.1.2 Sto	rmwater drainage (300mm DIA) rmwater drainage (450mm DIA) rmwater drainage (525mm DIA)	155 596	LM.	\$	260.00 383.50	\$	34,329.60 154,960.00	
		4.1.3 Sto	rmwater drainage (525mm DIA) inage, sub grade drain	1 192	LM LM	\$	383.50 54.00		64,368.00	
	4.2	Drainage - Pr	ts	.,		_		-		
	4.3	4.2.1 Sid Drainage - W	e entry pits SUD	16 16		\$	2,700.00 1,500.00		43,200.00 24,000.00	Assumed spacing of 75m
	4.4	Drainage - Mi			No.	\$	-	\$		Assumed none.
5	TRAFFIC	:								
	5.1	Traffic Signals								Rate includes for signals, conduits, pits,
		5.1.1 Tra	ffic signals (incl. conduit subset)	1	Allow.	\$	540,000.00	\$	540,000.00	footings etc.
	5.2	Traffic Safety								
		5.2.1 Line	e marking and Traffic Signage	596	LM.	\$	32.00	\$	19,072.00	Includes fixed signage, guide posts, line markings, traffic safety
										manangs, name salety
6	6.1	Trees								
	62	6.1.1 Tre Landscaping	e planting (2-2.5m tall)	12	No.	\$	350.00	\$	4,200.00	Allowance only
	0.2		e stock plantings	3,528	m2	\$	3.00	\$	10,584.00	Allowance of 2 per m2 to nature strip
		6.2.2 Nat	ture strip	3,528	m2	\$	10.00	\$	35,280.00	Topsoiling and seeding of nature strips, varying in widths
7	STREET 7.1	LIGHTING Street Lightin	_							
	7.1									Assume install poles 12m high with luminaries
		7.1.1 Str	eet lighting (incl. lighting conduits)	12	No.	\$	12,500.00	\$	150,000.00	placed every 50m (roads) to one side. Rate includes for electrical lighting conduits
8	MISCEL 8.1	LANEOUS 8.1.1 Spe	eed cameras		Item	\$	-	\$		Excluded
			eed bumps	-	No.	\$	-	\$	-	Excluded
	8.2	Retaining wal	ls							
		8.2.1 Ref	aining wall (3-5m high)	562	LM.	\$	4,480.00	\$	2,517,760.00	
9	SERVIC									
	9.1 9.2	Services Relo Services Prot			Allow.	\$	-	\$	-	Excluded Excluded
								_		
				SUB TOTAL	- WORK	S		\$	6,275,351.74	
10	DELIVE									
	11.1	Fees Council Fees		3.25%	Item			s	203,948.93	
	11.2	VicRoads Fee Traffic Manag	es	1.00% 5.00%	Item Item			\$	62,753.52 313,767.59	
	11.4	Environmenta	al Management	0.50%	Item			\$	31,376.76	
	11.5 11.6	Survey & Des	sign & Project Management	5.00% 9.00%	ltem ltem			\$	313,767.59 564,781.66	
	11.7	Site Establish		2.50%	Item			\$	156,883.79	
	11.8	Contingency		15.00% SUB-TOTAL	Item	v		\$	941,302.76 2,588,582.59	
				JOD-IOTAL	CLIVER				2,000,002.09	
										1
11				TOTAL ESTIMATED PROJEC	CT COST			\$	8,863,934.34	

Jacksons Creek Crossing/Fox Hollow Drive Intersection SS-IN-10 (ULTIMATE) (Cross Intersection)

Item		Description	Quantity	Unit		Rate		Amount	Comments
1	WORKS SITEWO	RKS AND EARTHWORKS							
		Pre-construction 1.1.1 Demolition and site preparation	9.611	m2	s	5.40		51,899.40	
	1.2	1.1.1 Demoitton and site preparation Earthworks	9,611	m2	\$	5.40	\$		
		1.2.1 Cut and disposal	17,820	m3	\$	55.00	\$	980,100.00	Assuming pavement composition depth total 650mm deep including fill
		1.2.2 Fill	0.040	m3	\$	37.80	\$	-	obotimi deep medamig iii
	1.3	1.2.3 Cut to fill Set-Out	2,049	m3	\$	70.00		143,430.00	
2		1.3.1 Allow for site set out	1	Item	\$	12,500.00	\$	12,500.00	
2		New Pavement							
		2.1.1 Road pavement - Traffic lanes	3,956	m2	\$	156.60	\$	619,509.60	Includes pavement to Traffic lane (3.5m) and parking bay (2.3m) to both sides total width (11.6m)
3	CONCRE	Rehabilitate Existing Pavement 2.2.1 Pavement profiling and reshaping STE WORKS Kerb and Channel	-	Allow.	\$	-	\$		Assume all new works.
	3.1	3.1.1 Kerb and channel	1.395	LM	s	48.60	s	67 797 00	Kerb and channel to both sides of each traffic
	3.2	Pedestrian & Cycle Paths	1,000	Lini	•	40.00	•	07,707.00	lane
		3.2.1 Pedestrian footpath	992	m2	\$	59.00	\$	58,528.00	Allow Cycle path (3m) wide
		3.2.2 Cycle pathway	1,082	m2	\$	66.00	\$	71,412.00	
	3.3	3.2.3 Shared pathway Median strip	-	m2	\$	66.00		-	
4	DRAINA	3.3.1 Median (Levelled ground)	1,417	m2	\$	32.40	\$	45,910.80	
4		Drainage - Pipes							
		4.1.1 Stormwater drainage (300mm DIA) 4.1.2 Stormwater drainage (450mm DIA)	95 357	LM LM	\$	216.00 260.00	\$	20,563.20 92,820.00	
		4.1.3 Stormwater drainage (525mm DIA)		LM	\$	383.50	\$	-	
	4.2	4.1.4 Drainage, sub grade drain Drainage - Pits	714	LM	\$	54.00	\$	38,556.00	
		4.2.1 Side entry pits Drainage - WSUD	10	No. Allow.	\$	2,700.00		27,000.00 15.000.00	Assumed spacing of 75m
	4.3	Drainage - WSUD Drainage - Miscellaneous	10	No.	\$	1,500.00	\$		Assumed none.
5	TRAFFIC								
	5.1	Traffic Signals							Data includes for sincely analysis aits
		5.1.1 Traffic signals (incl. conduit subset)	1	Allow.	\$ 4	432,000.00	\$	432,000.00	Rate includes for signals, conduits, pits, footings etc.
	5.2	Traffic Safety							
		5.2.1 Line marking and Traffic Signage	357	LM	\$	32.00	\$	11,424.00	Includes fixed signage, guide posts, line markings, traffic safety
									markings, tranic salety
6	6.1	APE Trees							
		6.1.1 Tree planting (2-2.5m tall)	6	No.	\$	350.00	\$	2,100.00	Allowance only
	6.2	Landscaping 6.2.1 Tube stock plantings	2,643	m2	\$	3.00	s	7.929.00	Allowance of 2 per m2 to nature strip
		6.2.2 Nature strip	2,645	m2	\$	10.00		26,450.00	Topsoiling and seeding of nature strips, varying in widths
7		LIGHTING							varying in widins
	7.1	Street Lighting							Assume install poles 12m high with luminarie
		7.1.1 Street lighting (incl. lighting conduits)	8	No.	\$	12,500.00	\$	100,000.00	placed every 50m (roads) to one side. Rate includes for electrical lighting conduits
8	MISCELL	ANEOUS							
	8.1	8.1.1 Speed cameras	-	Item No.	\$ \$	-	\$ \$	-	Excluded Excluded
			-	NO.	3	-	>		EXCIUDED
	8.2	Retaining walls 8.2.1 Retaining wall (3-5m high)	100	LM	s	4,480.00	•	448,000.00	
			100	Lm	φ	→,400.00	φ	440,000.00	
9	9.1	Services Relocation		Allow.	s		\$		Excluded
		Services Relocation Services Protection	-	Allow.	\$		\$		Excluded
			SUB TOTAL -	WORKS			\$	3,272,929.00	
10	DELIVER								
		Fees Council Fees	3.25%	Item			\$	106,370.19	
	11.2	VicRoads Fees	1.00%	Item			\$	32,729.29	
	11.3 11.4	Traffic Management Environmental Management	5.00% 0.50%	Item Item			\$	163,646.45 16,364.65	
	11.5	Survey & Design	5.00%	Item			\$	163,646.45	
	11.6 11.7	Supervision & Project Management Site Establishment	9.00% 2.50%	Item Item			\$	294,563.61 81,823.23	
	11.8	Contingency	15.00%	Item			\$	490,939.35	
			SUB-TOTAL D	ELIVERY			\$	1,350,083.21	
11			TOTAL ESTIMATED PROJECT	COST			\$	4,623,012.21	

Crinnion Road/Bulla-Digger Rest Road Intersection SS-IN-11 (Roundabout)

Item			Description	Quantity	Unit		Rate		Amount	Comments
	WOD!			•						
1	WORKS SITEWO	RKS AND	EARTHWORKS							
	1.1	Pre-const	ruction	0.000	0	•	F 40	•	40.000.04	
	1.2	1.1.1 Earthwork	Demolition and site preparation	3,086	m2	\$	5.40	\$	16,666.84	
			Cut and disposal at specified location	2,643	m3	\$	55.00	\$	145,352.55	Assuming pavement composition depth total
		1.2.2			m3	\$	37.80	s	-	685mm deep including fill Included above
	1.3	Set-Out								
2	ROAD P	1.3.1 AVEMENT	Allow for site set out	1	Item	\$	12,500.00	\$	12,500.00	
	2.1	New Pave	ement							
						_		_		Includes pavement to Traffic lane (3.5m) ar
		2.1.1	Road pavement - Traffic lanes	3,086	m2	\$	156.60	\$	483,338.23	parking bay (2.3m) to both sides total width (11.6m)
	2.2	Rehabilita	te Existing Pavement	1	Allow.	s		s		Assume all new works.
3	CONCRE	2.2.1 ETE WORK	Pavement profiling and reshaping	1	Allow.	\$	-	\$	-	Assume all new works.
	3.1	Kerb and	Channel							
	3.2	3.1.1 Pedestria	Kerb and channel n & Cycle Paths	860	LM	\$	48.60	\$	41,796.00	Kerb and channel all sides of intersection
	5.2									Pedestrian path to both sides of proposed
		3.2.1	Pedestrian footpath		m2	\$	59.00	\$	-	each (1.5m) wide. Total span (3.0m) wide
		3.2.2	Cycle pathway		m2	\$	66.00	\$	-	Allow Cycle path (3m) wide
		3.2.3	Shared pathway		m2	s	66.00	s		
	3.3	Median st	rip							
4	DRAINA	3.3.1 GF	Median (Levelled ground)	730	m2	\$	32.40	\$	23,652.00	
*	4.1	Drainage	- Pipes							
		4.1.1	Stormwater drainage (300mm DIA) Stormwater drainage (450mm DIA)	400	LM LM	\$	216.00 260.00	\$	104,000.00	
		4.1.3	Stormwater drainage (525mm DIA)	400	LM	\$	383.50	\$		
		4.1.4	Drainage, sub grade drain	860	LM	\$	54.00	\$	46,440.00	
	4.2	Drainage 4.2.1	- Pits Side entry pits	6	No.	S	2,700.00	s	16 200 00	Assumed spacing of 75m
	4.3	Drainage	- WSUD	6	Allow.	\$	1,500.00	\$	9,000.00	
	4.4	Drainage	- Miscellaneous	-	No.	\$	-	\$	-	Assumed none.
5	TRAFFIC									
	5.1	Traffic Sig	nals							
		5.1.1	Traffic signals (incl. conduit subset)		Allow.	\$	432,000.00	\$	-	Rate includes for signals, conduits, pits, for etc.
	5.2									
	5.2	Traffic Sa		900	LM	s	32.00	_	00 000 00	Includes fixed signage, guide posts, line
		5.2.1	Line marking and Traffic Signage	900	LIVI	Ф	32.00	Ф	20,000.00	markings, traffic safety
6	LANDSC	CAPE								
	6.1	Trees	Tree planting (2-2.5m tall)	6	No.	S	350.00	•	2 100 00	Allowance only
	6.2	Landscap	ing	v					2,100.00	
		6.2.1	Tube stock plantings		m2	\$	3.00		-	Allowance of 2 per m2 to nature strip
			Nature strip		m2	\$	10.00	\$	-	Topsoiling and seeding of nature strips, vain widths
7		LIGHTING								
	7.1	Street Lig	hting							Assume install poles 12m high with lumina
		7.1.1	Street lighting (incl. lighting conduits)	6	No.	\$	12,500.00	\$	75,000.00	placed every 50m (roads) to one side. Rai
										includes for electrical lighting conduits
8	MISCEL	LANEOUS								
-	8.1	8.1.1	Speed cameras	-	Item	\$	-	\$		Excluded
		8.1.2	Speed bumps	-	No.	\$	-	\$	-	Excluded
	8.2	Retaining								
		8.2.1	Retaining wall (3-5m high)		LM	\$	4,480.00	\$		
9	SERVICE									
	9.1	Services I			Allow.	\$	-	\$		Excluded
	9.2	Services I	rotection	1	Allow.	\$	20,000.00	\$	20,000.00	
				SUB TOTAL	- WORKS	;		\$	1,024,845.61	
10	DELIVE	RY Fees								
	11.1	Council F		3.25%	Item			\$	33,307.48	
	11.2	VicRoads		1.00% 5.00%	Item Item			\$	10,248.46	
	11.3	Traffic Ma Environme	nagement ental Management	5.00% 0.50%	Item Item			\$	51,242.28 5.124.23	
	11.5	Survey &	Design	5.00%	Item			\$	51,242.28	
		Supervision	on & Project Management olishment	9.00%	Item Item			\$	92,236.11 25.621.14	
	11.6				Item			9	25,621.14 153.726.84	
	11.6 11.7 11.8	Continger		15.00%	Item			Ψ_	155,726.64	
	11.7			15.00% SUB-TOTAL D		1		\$	422,748.82	
	11.7					′		\$		
11	11.7				ELIVERY	·		\$		

Lancefield Road/ Connector Road SS-IN-12 (Cross Intersection - Interim)

1 SF	1.1 1.2 1.3 OAD P. 2.1 2.2 ONCRE 3.1 3.2	Pre-cons 1.1.1 1.2.2 Earthwood 1.2.1 1.2.2 Set-Out 1.3.1 1.3.1 VIVEMEN New Pax 2.1.1 TE WOR Kerb and 3.1.1 Pedestri 3.2.1 3.2.2 3.2.3 Median s 3.3.1 iii Drainage 4.1.1 EDrainage 4.1.1 4.1.2 4.1.2 4.1.2 4.1.2 4.1.2	Demolition and site preparation ks Cut and disposal at specified location Fill Allow for site set out Road pavement - Traffic lanes ate Existing Pavement Pavement profiling and reshaping KS Channel Korb and channel in a Cycle Paths Pedestrian footpath Cycle pathway Shared pathway Whedian (Levelled ground)	8,405 6,516 1 7,962 1 1,362 650	m3 m3 Item m2 Allow. LM m2 m2	\$ \$ \$ \$ \$	55.00 37.80 12,500.00 156.60 - 48.60 59.00	s s s s s s	12,500.00 1,246,849.20 - 66,193.20 38,350.00	Assuming pavement composition depth to 650mm deep including fill includes pavement to Traffic lane (3.5m) parking bay (2.1m) to both sides total wid (11.2m) Assume all new works. Kerb and channel to both sides of each to lane Connector Road: Pedestrian path to both sides of proposed road each (1.5m) wide Total span (3.0m) wide
1 SF	1.1 1.2 1.3 OAD P. 2.1 2.2 ONCRE 3.1 3.2	Pre-cons 1.1.1 1.2.2 Earthwood 1.2.1 1.2.2 Set-Out 1.3.1 1.3.1 VIVEMEN New Pax 2.1.1 TE WOR Kerb and 3.1.1 Pedestri 3.2.1 3.2.2 3.2.3 Median s 3.3.1 iii Drainage 4.1.1 EDrainage 4.1.1 4.1.2 4.1.2 4.1.2 4.1.2 4.1.2	truction Demolition and site preparation ks Cut and disposal at specified location Fill Allow for site set out frement Road pavement - Traffic lanes ate Existing Pavement Pavement profiling and reshaping KS Channel Kerb and channel an & Cycle Paths Pedestrian footpath Cycle pathway Shared pathway Shared pathway Shared pathway Median (Levelled ground)	6,516 - 1 7,962 1 1,362 650	m3 m3 Item m2 Allow. LM m2 m2	\$ \$ \$ \$	55.00 37.80 12,500.00 156.60 - 48.60 59.00	s s s s s s	358,392,38 - 12,500,00 1,246,849,20 - - 66,193,20 38,350,00	Includes pavement to Traffic lane (3.5m) parking bay (2.1m) to both sides total wid (11.2m) Assume all new works. Kerb and channel to both sides of each tilane Connector Road: Pedestrian path to both sides of proposed road each (1.5m) wide Total span (3.0m) wide
2 RC	1.2 1.3 OAD P. 2.1 2.2 ONCRE 3.1 3.2 3.3 RAINAC 4.1	1.1.1 Earthwood 1.2.1 1.2.1 1.2.2 1.2.2 Set-Out 1.3.1 1.3.1 VEMEN Pav 2.1.1 Rehabilin 2.2.1 1.2.2 1.3.1 3.2.1 3.2.2 3.2.3 Median a 3.3.1 E Drainage 4.1.1 4.1.2 4.1.2	Demolition and site preparation ks Cut and disposal at specified location Fill Allow for site set out Road pavement - Traffic lanes ate Existing Pavement Pavement profiling and reshaping KS Channel Korb and channel in a Cycle Paths Pedestrian footpath Cycle pathway Shared pathway Whedian (Levelled ground)	6,516 - 1 7,962 1 1,362 650	m3 m3 Item m2 Allow. LM m2 m2	\$ \$ \$ \$	55.00 37.80 12,500.00 156.60 - 48.60 59.00	s s s s s s	358,392,38 - 12,500,00 1,246,849,20 - - 66,193,20 38,350,00	Includes pavement to Traffic lane (3.5m) parking bay (2.1m) to both sides total wid (11.2m) Assume all new works. Kerb and channel to both sides of each tilane Connector Road: Pedestrian path to both sides of proposed road each (1.5m) wide Total span (3.0m) wide
2 RC	1.3 OAD P. 2.1 2.2 ONCRE 3.1 3.2 3.3 RAINAC 4.1	1.2.1 1.2.2 Set-Out 1.3.1 1.2.2 Set-Out 1.3.1 1.VEMEN* New Pav. 2.1.1 TE WOR Kerb and 3.1.1 1.2.2.1 3.2.2 3.2.3 Median s 3.3.1 1.2 Drainage 4.1.1 4.1.2 4.1.2 4.1.2 4.1.2	ks Cut and disposal at specified location Fill Allow for site set out Fement Road pavement - Traffic lanes ate Existing Pavement Pavement profiling and reshaping KS Channel Keth and ohannel an & Cycle Paths Pedestrian footpath Cycle pathway Shared pathway Griger Gride Ground)	6,516 - 1 7,962 1 1,362 650	m3 m3 Item m2 Allow. LM m2 m2	\$ \$ \$ \$	55.00 37.80 12,500.00 156.60 - 48.60 59.00	s s s s s s	358,392,38 - 12,500,00 1,246,849,20 - - 66,193,20 38,350,00	Includes pavement to Traffic lane (3.5m) parking bay (2.1m) to both sides total wid (11.2m) Assume all new works. Kerb and channel to both sides of each tilane Connector Road: Pedestrian path to both sides of proposed road each (1.5m) wide Total span (3.0m) wide
3 CC	2.2 2.2 2.2 2.2 2.2 3.1 3.2 3.3 3.3 RAINAC 4.1	1.2.2 Set-Out 1.3.1 IVEMEN' New Pav 2.1.1 Rehabilit 2.2.1 TE WOR 3.1.1 Pedestri 3.2.1 3.2.2 3.2.3 Median s 3.3.1 EDrainage 4.1.1 Let Vision Pav 3.3.1 Let Vision Pav 3.3.1 Median s 3.3.1 Let Vision Pav 3.3.1 Let Vision P	Fill Allow for site set out Trement Road pavement - Traffic lanes ate Existing Pavement Pavement profiling and reshaping KS Channel Kerb and channel an & Cycle Paths Pedestrian footpath Cycle pathway Shared pathway Green	1 7,962 1 1,362 650	m3 Item m2 Allow. LM m2 m2	\$ \$ \$ \$	37.80 12,500.00 156.60 - 48.60 59.00	s s s	12,500.00 1,246,849.20 - 66,193.20 38,350.00	Includes pavement to Traffic lane (3.5m) parking bay (2.1m) to both sides total wid (11.2m) Assume all new works. Kerb and channel to both sides of each tilane Connector Road: Pedestrian path to both sides of proposed road each (1.5m) wide Total span (3.0m) wide
3 CC	2.2 2.2 2.2 2.2 2.2 3.1 3.2 3.3 3.3 RAINAC 4.1	Set-Out 1.3.1 1.3.1 1.3.1 Rehabiliti 2.2.1 TE WOR Kerb and 3.1.1 Pedestri 3.2.1 3.2.2 3.2.3 Median a 3.3.1 EDrainage 4.1.1 4.1.2 4.1.2 4.1.4	Allow for site set out frement Road pavement - Traffic lanes ata Existing Pavement Pavement profiling and reshaping KK Channel Kerb and channel in & Cycle Paths Pedestrian footpath Cycle pathway Shared pathway Whedian (Levelled ground)	7,962 1 1,362 650	m2 Allow. LM m2 m2	\$ \$ \$ \$	12,500.00 156.60 - 48.60	\$ \$ \$ \$	12,500.00 1,246,849.20 - 66,193.20 38,350.00	Includes pavement to Traffic lane (3.5m) parking bay (2.1m) to both sides total wid (11.2m) Assume all new works. Kerb and channel to both sides of each tilane Connector Road: Pedestrian path to both sides of proposed road each (1.5m) wide Total span (3.0m) wide
3 CC	2.2 2.2 2.2 2.2 2.2 3.1 3.2 3.3 3.3 RAINAC 4.1	Set-Out 1.3.1 1.3.1 1.3.1 Rehabiliti 2.2.1 TE WOR Kerb and 3.1.1 Pedestri 3.2.1 3.2.2 3.2.3 Median a 3.3.1 EDrainage 4.1.1 4.1.2 4.1.2 4.1.4	Allow for site set out frement Road pavement - Traffic lanes ata Existing Pavement Pavement profiling and reshaping KK Channel Kerb and channel in & Cycle Paths Pedestrian footpath Cycle pathway Shared pathway Whedian (Levelled ground)	7,962 1 1,362 650	m2 Allow. LM m2 m2	\$ \$ \$	12,500.00 156.60 - 48.60	\$ \$ \$ \$	1,246,849.20 - 66,193.20 38,350.00	parking by (2.1m) to both sides total wid (11.2m) Assume all new works. Kerb and channel to both sides of each transe. Connector Road: Pedestrian path to both sides of proposed road each (1.5m) wide Total span (1.0m) wide
3 CC	2.2 ONCRE 3.1 3.2 3.3 RAINAC 4.1	2.1.1 Rehabilit 2.2.1 TE WOR Kerb and 3.1.1 Pedestri 3.2.1 3.2.2 3.2.3 Median s 3.3.1 E Drainage 4.1.1 4.1.2	Road pavement - Traffic lanes ate Existing Pavement Pavement profiling and reshaping Channel Kerb and channel in a Cycle Paths Pedestrian footpath Cycle pathway Shared pathway Urip Median (Levelled ground)	7,962 1 1,362 650	m2 Allow. LM m2 m2	\$ \$ \$	156.60 - 48.60 59.00	\$ \$ \$	1,246,849.20 - 66,193.20 38,350.00	parking by (2.1m) to both sides total wid (11.2m) Assume all new works. Kerb and channel to both sides of each transe. Connector Road: Pedestrian path to both sides of proposed road each (1.5m) wide Total span (1.0m) wide
3 CC	2.2 ONCRE 3.1 3.2 3.3 RAINAC 4.1	2.1.1 Rehabilin 2.2.1 TE WOR Kerb and 3.1.1 Pedestri. 3.2.1 3.2.2 3.2.3 Median s 3.3.1 EE Drainage 4.1.1	Road pavement - Traffic lanes ate Existing Pavement Pavement profiling and reshaping KS Channel Areh and channel an & Cycle Paths Pedestrian footpath Cycle pathway Shared pathway Ghard (Levelled ground)	1 1,362 650	Allow. LM m2	s s	48.60	s s	66,193.20	parking by (2.1m) to both sides total wid (11.2m) Assume all new works. Kerb and channel to both sides of each transe. Connector Road: Pedestrian path to both sides of proposed road each (1.5m) wide Total span (1.0m) wide
3 CC	3.1 3.2 3.3 RAINAG	Rehabilit 2.2.1 TE WOR Kerb and 3.1.1 Pedestri 3.2.1 3.2.2 3.2.3 Median s 3.3.1 E Drainage 4.1.1 4.1.2	ate Existing Pavement Pavement profiling and reshaping KS (Channel As Cycle Paths Pedestrian footpath Cycle pathway Shared pathway Median (Levelled ground)	1 1,362 650	Allow. LM m2	s s	48.60	s s	66,193.20	parking by (2.1m) to both sides total wid (11.2m) Assume all new works. Kerb and channel to both sides of each transe. Connector Road: Pedestrian path to both sides of proposed road each (1.5m) wide Total span (1.0m) wide
3 CC	3.1 3.2 3.3 RAINAG	2.2.1 TE WOR Kerb and 3.1.1 Pedestri 3.2.1 3.2.2 3.2.3 Median s 3.3.1 E Drainage 4.1.1 4.1.2	Pavement profiling and reshaping KS IC hannel Kerb and channel an & Cycle Paths Pedestrian footpath Cycle pathway Shared pathway Green Median (Levelled ground)	1,362 650	LM m2 m2	s s	48.60 59.00	s s	66,193.20 38,350.00	Kerb and channel to both sides of each to lane Connector Road: Pedestrian path to both sides of proposed road each (1.5m) wide Total span (3.0m) wide
4 DF	3.1 3.2 3.3 RAINAC 4.1	Xerb and 3.1.1 Pedestrii 3.2.1 3.2.2 3.2.3 Median s 3.3.1 IE Drainage 4.1.1 4.1.2	Channel Kerb and channel in & Cycle Paths Pedestrian footpath Cycle pathway Shared pathway firp Median (Levelled ground)	650 650	m2 m2	\$	59.00	\$	38,350.00	Connector Road: Pedestrian path to both sides of proposed road each (1.5m) wide Total span (3.0m) wide
4 DF	3.3 RAINAC 4.1	3.2.1 3.2.2 3.2.3 Median s 3.3.1 SE Drainage 4.1.1 4.1.2	an & Cycle Paths Pedestrian footpath Cycle pathway Shared pathway trip Median (Levelled ground)	650 650	m2 m2	\$	59.00	\$	38,350.00	Connector Road: Pedestrian path to both sides of proposed road each (1.5m) wide Total span (3.0m) wide
4 DF	3.3 RAINAC 4.1	3.2.1 3.2.2 3.2.3 Median s 3.3.1 SE Drainage 4.1.1 4.1.2	an & Cycle Paths Pedestrian footpath Cycle pathway Shared pathway trip Median (Levelled ground)	650	m2				38,350.00	Connector Road: Pedestrian path to both sides of proposed road each (1.5m) wide Total span (3.0m) wide
4 DF	RAINAC 4.1	3.2.2 3.2.3 Median s 3.3.1 BE Drainage 4.1.1 4.1.2	Cycle pathway Shared pathway trip Median (Levelled ground)	650	m2					sides of proposed road each (1.5m) wide Total span (3.0m) wide
4 DF	RAINAC 4.1	3.2.2 3.2.3 Median s 3.3.1 BE Drainage 4.1.1 4.1.2	Cycle pathway Shared pathway trip Median (Levelled ground)	650	m2					Total span (3.0m) wide
4 DF	RAINAC 4.1	3.2.3 Median s 3.3.1 E Drainage 4.1.1 4.1.2	Shared pathway trip Median (Levelled ground)			\$				
4 DF	RAINAC 4.1	Median s 3.3.1 E Drainage 4.1.1 4.1.2	trip Median (Levelled ground)	£40			66.00		42,900.00	Allow Cycle path (3m) wide
4 DF	RAINAC 4.1	3.3.1 IE Drainage 4.1.1 4.1.2	Median (Levelled ground)	610	m2	\$	66.00	\$		
	4.1	Drainage 4.1.1 4.1.2			m2	S	32.40	s	20,023.20	
		4.1.1 4.1.2	- Pines	010		-	Ja 0		22,020.20	
	4.2	4.1.2	Stormwater drainage (300mm DIA)	159	LM	S	216.00	•	34.329.60	
	4.2		Stormwater drainage (450mm DIA)	417	LM	\$	260.00 383.50	\$	108,472.00	
	4.2		Stormwater drainage (525mm DIA) Drainage, sub grade drain	179	LM LM	\$	383.50 54.00	\$	68,569.80 64,368.00	
		Drainage	- Pits	1,192	LM	3	54.00	\$		
		4.2.1	Side entry pits	16		\$	2,700.00		43,200.00	Assumed spacing of 75m
	4.3	Drainage	- WSUD - Miscellaneous	16	Allow.	\$	1,500.00	\$ \$	24,000.00	Assumed none.
		-	Wilder Codd		140.	•		•		Addition floric.
	RAFFIC	T // 0								
	5.1	Traffic S								Rate includes for signals, conduits, pits,
		5.1.1	Traffic signals (incl. conduit subset)	1	Allow.	\$	540,000.00	\$	540,000.00	footings etc.
	5.2	Traffic S	afety							
		5.2.1	Line marking and Traffic Signage	596	LM	s	32.00	s	19.072.00	Includes fixed signage, guide posts, line
										markings, traffic safety
	ANDSC									
	6.1	Trees	Tree planting (2-2.5m tall)	12	No.	S	350.00	9	4 200 00	Allowance only
	6.2	Landsca	ping							
			Tube stock plantings	1,912		\$	3.00		5,736.00	Allowance of 2 per m2 to nature strip
			Nature strip	1,911	m2	\$	10.00	\$	19,110.00	Topsoiling and seeding of nature strips, varying in widths
7 ST	TREET	LIGHTIN	G							
	7.1	Street Li	gnting							Assume install poles 12m high with lumin
		7.1.1	Street lighting (incl. lighting conduits)	9	No.	\$	12,500.00	\$	112,500.00	placed every 50m (roads) to one side. Ra includes for electrical lighting conduits
8 MI	ISCELL	ANEOUS								
		8.1.1	Speed cameras	-	Item	\$	-	\$		Excluded
		8.1.2	Speed bumps	-	No.	\$	-	\$		Excluded
	8.2	Retainin	g walls							
		8.2.1	Retaining wall (3-5m high)	-	LM	\$	4,480.00	\$	-	
9 SE	ERVICE	s								
	9.1	Services	Relocation	1	Allow.	\$	400,000.00	\$	400,000.00	Allowance only Electrical Pole Relocation
	9.2	Services	Protection	1	Allow.	s	20,000.00	s	20,000.00	Electrical Pole Relocation Allowance only
									,,,,,,,,,,,,	
	AINTEN		10 B 1 1 1 1 1 1 1							Allowance for VicRoads maintenance fee
	10.1	10.1.1	VicRoads maintenance fee	1	No.	\$	81,000.00	ş	81,000.00	Allowance for VicRoads maintenance fee each intersection, as advised by WSPPB
				SUB TOTAL	- WORKS			\$	3,375,152.38	
				SUB TOTAL	JANG			•	3,010,102.00	
11 <u>DE</u>	ELIVER									
	11.1	Fees Council I	ees	3.25%	Item			s	109.692.45	
	11.2	VicRoad	s Fees	1.00%	Item			\$	33,751.52	
			anagement nental Management	5.00% 0.50%	Item Item			\$	168,757.62 16,875.76	
		Survey 8		5.00%	Item Item			\$	168,757.62	
	11.6	Supervis	ion & Project Management	9.00%	Item			\$	303,763.71	
		Site Esta Continge	blishment	2.50% 15.00%	Item Item			S	84,378.81 506,272.86	
	11.0	Conunge	ncy	SUB-TOTAL I				s	1.392.250.35	
				SOD-TOTAL I	JELIVER I			•	.,352,230.33	
								_		
12				TOTAL ESTIMATED PROJECT	T COST			\$	4,767,402.73	

Watsons Road/Fox Hollow Drive Intersection SS-IN-13 (Roundabout)

			Description	Quantity	Unit		Rate		Amount	Comments
	WORKS									
1	SITEWO		EARTHWORKS							
	1.1	Pre-cons	truction Demolition and site preparation	2,910) m2	\$	5.40	•	15,714.00	
	1.2	Earthwor	ks	2,810	1112	9	5.40	Ψ	13,714.00	
		1.2.1	Cut and disposal at specified location	8,712	2 m3	\$	55.00	\$	479,134.37	Assuming pavement composition depth total 650mm deep including fill
		1.2.2	Fill		m3	\$	37.80	\$	-	OSONIIII Geep Inciduitig IIII
	1.3	Set-Out	Allow for site set out	1	1 Item	•	12,500.00	•	12,500.00	
2		AVEMENT	T .		item	9	12,300.00	φ	12,300.00	
	2.1	New Pav	ement							
		211	Road pavement - Traffic lanes	1,510) m2	\$	156.60	•	236.466.00	Includes pavement to Traffic lane (3.5m) and parking hay (2.1m) to one side total width (8.1m)
		2	Trode parement. Traine lanes	1,010		•	100.00	•	200,400.00	parking bay (2.1m) to one side total width (8.1r
	2.2	D - 1 - 1 22								
	2.2	2.2.1	ate Existing Pavement Pavement profiling and reshaping	1	1 Allow.	\$		\$		Assume all new works.
3	CONCR	TE WOR	KS							
	3.1	Kerb and								Kerb and channel to both sides of each traffic
			Kerb and channel	379	9 LM	\$	48.60	\$	18,419.40	lane
	3.2	Pedestna	in & Cycle Paths							Connector Street: Pedestrian path to both side
		3.2.1	Pedestrian footpath	42	2 m2	\$	59.00	\$	2,492.16	of proposed road each (1.5m) wide. Total spar
										(3.0m) wide
		3.2.2	Cycle pathway	46	6 m2	\$	66.00	\$	3,057.12	Allow Cycle path (3m) wide
			0						04.045	
	2.2	3.2.3 Median s	Shared pathway	378	3 m2	\$	66.00	\$	24,948.00	
	3.3	3.3.1	trip Median (Levelled ground)	38	3 m2	\$	32.40	\$	1,231.20	
4	DRAINA	GE								
	4.1	Drainage 4.1.1	- Pipes Stormwater drainage (300mm DIA)	77	7 LM	S	216.00	s	16,704.00	
		4.1.2	Stormwater drainage (450mm DIA)	290) LM	\$	260.00	\$	75,400.00	
		4.1.3 4.1.4	Stormwater drainage (525mm DIA) Drainage, sub grade drain	- 580	LM D LM	S	383.50 54.00	\$	31,320.00	
	4.2	Drainage	- Pits Side entry pits							
	4.3	4.2.1 Drainage	Side entry pits - WSUD	8 8		\$			21,600.00 12,000.00	Assumed spacing of 75m
	4.4	Drainage	- Miscellaneous		No.	\$	-	\$	-	Assumed none.
5	TRAFFIC									
•	5.1	Traffic Si	afety							
		5.1.1	Line marking and Traffic Signage	290) LM	\$	32.00	\$	9,280.00	Includes fixed signage, guide posts, line markings, traffic safety
6	6.1	Trees								
		6.1.1	Tree planting (2-2.5m tall)	6	6 No.	\$	350.00	\$	2,100.00	Allowance only
	6.2	Landscap	Tube stock plantings	573	3 m2	\$	3.00	s	1 719 00	Allowance of 2 per m2 to nature strip
			Nature strip	573		\$	10.00		5 730 00	Topsoiling and seeding of nature strips, varying
7	STREET	LIGHTING								in widths
	7.1	Street Lig								
						_		_		Assume install poles 12m high with luminaries
		7.1.1	Street lighting (incl. lighting conduits)	€	6 No.	\$	12,500.00	\$	75,000.00	placed every 50m (roads) to one side. Rate includes for electrical lighting conduits
										3
8	MISCEL 8.1	ANEOUS 8.1.1	S		Item					Excluded
	8.1	8.1.1 8.1.2	Speed cameras Speed bumps		Item No.	\$		\$		Excluded Excluded
	8.2	Retaining 8.2.1	walls Retaining wall (3-5m high)		LM	\$	-	\$		
								•		
9	9.1	Services	Relocation		Allow.	\$		•		Excluded
	9.2	Services	Protection	1			20,000.00	\$	20,000.00	Exologica
				SUB TOTAL	L - WORK	s		s	1,064,815.25	
						-			1,001,010.20	
		RΥ								
10	DELIVE				Item			\$	34,606.50	
10	DELIVER	Fees	ees	3.25%				Š	10,648.15	
10	11.1 11.2	Fees Council F VicRoads	Fees	3.25% 1.00%	Item					
10	11.1 11.2 11.3	Fees Council F VicRoad: Traffic M	s Fees anagement	1.00% 5.00%	Item			\$	53,240.76	
10	11.1 11.2 11.3 11.4 11.5	Fees Council F VicRoad: Traffic M Environn Survey &	s Fees anagement ental Management Design	1.00% 5.00% 0.50% 5.00%	Item Item Item			\$	53,240.76 5,324.08 53,240.76	
10	11.1 11.2 11.3 11.4 11.5 11.6	Fees Council F VicRoads Traffic M Environn Survey & Supervis	s Fees anagement eental Management Design on & Project Management	1.00% 5.00% 0.50% 5.00% 9.00%	Item Item Item			\$ \$ \$	53,240.76 5,324.08 53,240.76 95,833.37	
10	11.1 11.2 11.3 11.4 11.5 11.6	Fees Council F VicRoads Traffic M Environm Survey & Supervis Site Esta	i Fees anagement sental Management Design on & Project Management blishment	1.00% 5.00% 0.50% 5.00%	Item Item Item			\$	53,240.76 5,324.08 53,240.76 95,833.37 26,620.38	
10	11.1 11.2 11.3 11.4 11.5 11.6	Fees Council F VicRoads Traffic M Environn Survey & Supervis	i Fees anagement sental Management Design on & Project Management blishment	1.00% 5.00% 0.50% 5.00% 9.00% 2.50%	Item Item Item Item Item	Y		\$ \$ \$ \$	53,240.76 5,324.08 53,240.76 95,833.37	
10	11.1 11.2 11.3 11.4 11.5 11.6	Fees Council F VicRoads Traffic M Environm Survey & Supervis Site Esta	i Fees anagement sental Management Design on & Project Management blishment	1.00% 5.00% 0.50% 5.00% 9.00% 2.50% 15.00%	Item Item Item Item Item	Y		\$ \$ \$ \$ \$	53,240.76 5,324.08 53,240.76 95,833.37 26,620.38 159,722.29	
10	11.1 11.2 11.3 11.4 11.5 11.6	Fees Council F VicRoads Traffic M Environm Survey & Supervis Site Esta	i Fees anagement sental Management Design on & Project Management blishment	1.00% 5.00% 0.50% 5.00% 9.00% 2.50% 15.00%	Item Item Item Item Item Item Item Item	Y		\$ \$ \$ \$ \$	53,240.76 5,324.08 53,240.76 95,833.37 26,620.38 159,722.29	

Buckland Way/Watsons Road Intersection SS-IN-14 (Roundabout)

Item			Description		Quantity	Unit		Rate		Amount	Comments
	WORKS										
1	SITEWO	RKS AND	EARTHWORKS								
	1.1	Pre-cons	truction Demolition and site preparation		2.910	m2	S	5.40	\$	15.714.00	
	1.2	Earthwor	ks		2,010		•	0.40	•	10,714.00	
		1.2.1	Cut and disposal at specified location		8,712	m3	\$	55.00	\$	479,134.37	Assuming pavement composition depth total 650mm deep including fill
		1.2.2	Fill			m3	\$	37.80	\$		
	1.3	Set-Out 1.3.1	Allow for site set out		1	Item	\$	12,500.00	s	12,500.00	
2		AVEMENT	•					,		,	
	2.1	2.1.1	Road pavement - Traffic lanes		1,510	m2	\$	156.60	\$	236,466.00	Includes pavement to Traffic lane (3.5m) and parking bay (2.1m) to one side total width (8.1m)
	2.2	2.2.1	ate Existing Pavement Pavement profiling and reshaping		1	Allow.	\$		\$		Assume all new works.
3	CONCRE 3.1	Kerb and									
	J. 1		Kerb and channel		379	LM	\$	48.60	s	18,419.40	Kerb and channel to both sides of each traffic
	3.2		in & Cycle Paths		•		-			,	lane
			Pedestrian footpath		42	m2	\$	59.00	\$	2,492.16	Connector Street: Pedestrian path to both sides of proposed road each (1.5m) wide. Total span (3.0m) wide
		3.2.2	Cycle pathway		46	m2	\$	66.00	\$	3,057.12	Allow Cycle path (3m) wide
			Shared pathway		378	m2	s	66.00		24,948.00	
	3.3	Median s	trip								
4	DRAINA	3.3.1	Median (Levelled ground)		38	m2	\$	32.40	\$	1,231.20	
•	4.1	Drainage									
		4.1.1 4.1.2	Stormwater drainage (300mm DIA) Stormwater drainage (450mm DIA)		77 290	LM LM	\$	216.00 260.00		16,704.00 75.400.00	
		4.1.3	Stormwater drainage (525mm DIA)		-	LM	\$	383.50	\$	-	
	4.2	4.1.4 Drainage	Drainage, sub grade drain - Pits		580	LM	\$	54.00	\$	31,320.00	
		4.2.1	Side entry pits		8	No.	\$	2,700.00			Assumed spacing of 75m
	4.3 4.4	Drainage	- WSUD - Miscellaneous		8	Allow. No.	\$	1,500.00	\$	12,000.00	Assumed none.
			- Wildelian Codo				•		•		Assured hone.
5	TRAFFIC 5.1	Traffic Sa	afety								
	0		Line marking and Traffic Signage		290	LM	s	32.00	s	9 280.00	Includes fixed signage, guide posts, line
										-,	Includes fixed signage, guide posts, line markings, traffic safety
6	LANDSC	APE									
	6.1	Trees 6.1.1	Tree planting (2-2.5m tall)		6	No.	\$	350.00	\$	2,100.00	Allowance only
	6.2	Landscap	oing		573	m2	s	3.00		1 710 00	Allowers of 2 per m2 to poture strip
			Tube stock plantings Nature strip		5/3 573	m2 m2	\$	10.00	-	1,/19.00 6.720.00	Topsoiling and seeding of nature strips,
7	•TDEET	LIGHTIN			5/3	IIIZ	Þ	10.00	э	5,730.00	varying in widths
′		Street Lig									
		7.1.1	Street lighting (incl. lighting conduits)		6	No.	\$	12,500.00	\$	75,000.00	Assume install poles 12m high with luminaries placed every 50m (roads) to one side. Rate includes for electrical lighting conduits
8	MISCELI	LANEOUS									
•	8.1	8.1.1	Speed cameras		-	Item	\$		\$	-	Excluded
		8.1.2	Speed bumps		-	No.	\$	-	\$	-	Excluded
	8.2	Retaining 8.2.1	g walls Retaining wall (3-5m high)		-	LM	\$	-	\$	-	Assumed no walls
9	SERVICE 9.1		Relocation		_	Allow.	\$		s		Excluded
	9.2		Protection		1	Allow.		20,000.00	\$	20,000.00	Excided
					SUB TOTAL	WORKS			\$	1,064,815.25	
10	DELIVER	RY									
	11.1	Fees			3 25%	Item				04.000.50	
	11.2	Council F VicRoads	Fees		1.00%	Item			\$	34,606.50 10,648.15	
	11.3 11.4	Traffic M	anagement iental Management		5.00% 0.50%	Item Item			\$	53,240.76 5,324.08	
	11.4	Survey &	Design		5.00%	Item			\$	53,240.76	
	11.6	Supervis	on & Project Management		9.00%	Item			\$	95,833.37	
	11.7 11.8	Site Esta Continge	blishment		2.50% 15.00%	Item Item			\$	26,620.38 159,722.29	
		90	•		SUB-TOTAL D				\$	439,236.29	
11				TOTA: 507	ATED PROJECT				s	1.504.051.54	
11				TOTAL ESTIMA	ATED PROJECT	COST			\$	1,504,051.54	

Watsons Road, Crinnion Road Intersection SS-IN-15 (T-intersection - Ultimate)

_			Description	Quantity	Unit		Rate		Amount	Comments
	WORKS			•						:
1	WORKS SITEWO	RKS AND	EARTHWORKS							
	1.1	Pre-cons	struction	9,605	m2	S	5.40	e	51,867.00	
	1.2	Earthwo	Demolition and site preparation ks	9,605	m2	\$	5.40	\$		
		1.2.1	Cut and disposal at specified location	1,073	m3	\$	55.00	\$	58,987.50	Assuming pavement composition depth tot
		1.2.2			m3	\$	37.80	s		650mm deep including fill
	1.3	Set-Out	Allow for site set out	1			12.500.00	e	12,500.00	
2	ROAD P	AVEMEN		'	III	Þ	12,500.00	٥	12,500.00	
	2.1	New Pav	rement							
		211	Road pavement - Traffic lanes	1.170	m2	s	156.60	ç	183,222.00	
		2	redu parement Transcianes	1,110		•	100.00	•	100,222.00	
	2.2	Rehabilit	ate Existing Pavement Pavement profiling and reshaping	1	Allow.	s	_	s		Assume all new works.
3		ETE WOR	KS							
	3.1		i Channel							Kerb and channel to both sides of each tra
			Kerb and channel	385	LM	\$	48.60	\$	18,711.00	lane
	3.2		an & Cycle Paths Pedestrian footpath		m2	S	59.00	9		
		3.2.2	Cycle pathway		m2	\$	66.00	\$	-	Allow Cycle path (3m) wide
		323	Shared pathway	80	m2	s	66.00	s	5,280.00	
	3.3	Median s	strip	- 00		•	30.00	-		
		3.3.1	Median (Levelled ground)	150	m2	\$	32.40	\$	4,860.00	
4	DRAINA 4.1	Drainage	- Pipes							
		4.1.1	Stormwater drainage (300mm DIA)	103	LM	\$	216.00		22,176.00	
		4.1.2	Stormwater drainage (450mm DIA) Stormwater drainage (525mm DIA)	385	LM LM	\$	260.00 383.50	\$	100,100.00	
		4.1.4	Drainage, sub grade drain	770	LM	\$	54.00	\$	41,580.00	
	4.2	Drainage 4 2 1	- Pits Side entry pits	6	No.	S	2,700.00	S	16 200 00	Assumed spacing of 75m
	4.3	Drainage	- WSUD	6	Allow.	\$	1,500.00	\$	9,000.00	
	4.4	Drainage	- Miscellaneous	•	No.	\$	-	\$	-	Assumed none.
5	TRAFFIC	С								
	5.1	Traffic S								Rate includes for signals, conduits, pits,
		5.1.1	Traffic signals (incl. conduit subset)	•	Allow.	\$	540,000.00	\$	-	footings etc.
	5.2	Traffic S	afetv							
			Line marking and Traffic Signage	100	LM	\$	32.00	\$	3,200.00	Includes fixed signage, guide posts, line
										markings, traffic safety
6	LANDSO	Trees								
	0.1	6.1.1	Tree planting (2-2.5m tall)	4	No.	\$	350.00	\$	1,400.00	Allowance only
	6.2	Landsca	ping Tube stock plantings	1,250	m2	S	3.00	c	2 750 00	Allowance of 2 per m2 to nature strip
			Nature strip	1,250	m2	S	10.00		12 500 00	Topsoiling and seeding of nature strips, varying in widths
7	STREET	LIGHTIN		1,230	1112	9	10.00	9	12,300.00	varying in widths
•		Street Li								
		744	Street lighting (incl. lighting conduits)	8	No.		12.500.00		400 000 00	Assume install poles 12m high with luminar
		7.1.1	Street lighting (Incl. lighting conduits)	8	NO.	5	12,500.00	٥	100,000.00	placed every 50m (roads) to one side. Rate includes for electrical lighting conduits
		8.1.1	Speed cameras		Item	\$		\$		Excluded
8		8.1.2	Speed bumps		No.	\$	-	Š	-	Excluded
8				-	INU.					
8	8.2		ı walls	-	INU.					
8	8.2	Retainin	g walls Retaining wall (3-5m high)	-	LM	\$	4,480.00	\$	-	Assumed no Retaining Walls
	8.2 SERVIC	Retainin 8.2.1	g walls Retaining wall (3-5m high)	-		\$	4,480.00	\$	-	Assumed no Retaining Walls
	SERVICI 9.1	Retainin 8.2.1 ES Services	Retaining wall (3-5m high) Relocation	·	LM Allow.	\$		\$	-	Assumed no Retaining Walls Excluded
	SERVICI 9.1	Retainin 8.2.1 ES Services	Retaining wall (3-5m high)		LM Allow.	\$	4,480.00	\$	20,000.00	
	SERVICI 9.1	Retainin 8.2.1 ES Services	Retaining wall (3-5m high) Relocation		LM Allow. Allow.	S S	20,000.00	s s		
	SERVICI 9.1	Retainin 8.2.1 ES Services	Retaining wall (3-5m high) Relocation	1 SUB TOTAL	LM Allow. Allow.	S S	20,000.00	\$	20,000.00	
9	SERVICI 9.1 9.2	Retainin 8.2.1 ES Services Services	Retaining wall (3-5m high) Relocation		LM Allow. Allow.	S S	20,000.00	s s		
9	SERVICE 9.1 9.2	Retainin 8.2.1 ES Services Services	Retaining wall (3-5m high) Relocation Protection	SUB TOTAL	LM Allow. Allow.	S S	20,000.00	\$ \$	665,333.50	
9	9.1 9.2 DELIVE	Retainin 8.2.1 ES Services Services	Retaining wall (3-5m high) Relocation Protection		LM Allow. Allow.	S S	20,000.00	\$ \$		
9	9.1 9.2 DELIVER 11.1 11.2 11.3	Retainin 8.2.1 ES Services Services RY Fees Council I VicRoad Traffic M	Retaining wall (3-5m high) Relocation Protection Fees Sa Fees Sanagement	3.25% 1.00% 5.00%	Allow. Allow WORKS	S S	20,000.00	\$ \$ \$ \$	21,623.34 6,653.34 33,266.68	
9	9.1 9.2 DELIVER 11.1 11.2 11.3 11.4	Retainin, 8.2.1 ES Services Services RY Fees Council I VicRoad Traffic M Environr	Retaining wall (3-5m high) Relocation Protection Fees Fees Fees angement mental Management	3.25% 1.00% 5.00% 0.50%	Allow. Allow WORKS	S S	20,000.00	\$ \$ \$ \$ \$	21,623.34 6,653.34 33,266.68 3,326.67	
9	9.1 9.2 DELIVER 11.1 11.2 11.3	Retainin, 8.2.1 ES Services Services RY Fees Council I VicRoad Traffic M Environ Survey &	Retaining wall (3-5m high) Relocation Protection Fees Fees Fees angement mental Management	3.25% 1.00% 5.00%	Allow. Allow WORKS	S S	20,000.00	\$ \$ \$ \$ \$	21,623.34 6,653.34 33,266.68	
9	9.1 9.2 DELIVED 11.1 11.2 11.3 11.4 11.5 11.6 11.7	Retainin 8.2.1 ES Services Services RY Fees Council I VicRoad Traffic M Environr Survey & Site Estat	Retaining wall (3-5m high) Relocation Protection Fees Fees Fees anagement Design ion & Project Management Dishimment	3.25% 1.00% 5.00% 0.50% 5.00% 9.00% 2.50%	Allow. Allow WORKS Item Item Item Item Item Item Item Ite	S S	20,000.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	21,623,34 6,653,34 33,266,68 3,326,67 33,266,68 59,880,02 16,633,34	
9	9.1 9.2 DELIVED 11.1 11.2 11.3 11.4 11.5 11.6 11.7	Retainin 8.2.1 ES Services Services Vices VicRoad Traffic M Environ Survey & Supervis	Retaining wall (3-5m high) Relocation Protection Fees Fees Fees anagement Design ion & Project Management Dishimment	3.25% 1.00% 5.00% 5.00% 9.00% 2.50% 15.00%	Allow. Allow. - WORKS Item Item Item Item Item Item Item Ite	\$ \$	20,000.00	s s s s s s s s s s s s s s s s s s s	21,623,34 6,653,34 33,266,68 3,326,67 33,266,68 59,880,02 16,633,34 99,800,03	
9	9.1 9.2 DELIVED 11.1 11.2 11.3 11.4 11.5 11.6 11.7	Retainin 8.2.1 ES Services Services RY Fees Council I VicRoad Traffic M Environr Survey & Site Estat	Retaining wall (3-5m high) Relocation Protection Fees Fees Fees anagement Design ion & Project Management Dishimment	3.25% 1.00% 5.00% 0.50% 5.00% 9.00% 2.50%	Allow. Allow. - WORKS Item Item Item Item Item Item Item Ite	\$ \$	20,000.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	21,623,34 6,653,34 33,266,68 3,326,67 33,266,68 59,880,02 16,633,34	
9	9.1 9.2 DELIVER 11.1 11.2 11.3 11.4 11.5 11.6 11.7	Retainin 8.2.1 ES Services Services RY Fees Council I VicRoad Traffic M Environr Survey & Site Estat	Retaining wall (3-5m high) Relocation Protection Fees Fees Fees anagement Design ion & Project Management Dishimment	3.25% 1.00% 5.00% 5.00% 9.00% 2.50% 15.00%	Allow. Allow. - WORKS Item Item Item Item Item Item Item Ite	\$ \$	20,000.00	s s s s s s s s s s s s s s s s s s s	21,623,34 6,653,34 33,266,68 3,326,67 33,266,68 59,880,02 16,633,34 99,800,03	

Intersection on Sunbury Road SS-IN-16 (Cross Intersection - Final)

Item			Description	Quantity	Unit		Rate		Amount	Comments
	WORKS							_		!
1	SITEWO	ORKS AND	EARTHWORKS							
	1.1	Pre-cons	Struction Demolition and site preparation	14,333	m2	•	5.40	٩	77,395.72	
	1.2	Earthwo	rks	14,000	*****	•	0.40	•		
			Cut and disposal at specified location	11,645	m3	\$			640,485.38	Assuming pavement composition depth total 650mm deep including fill
	1.3	1.2.2 Set-Out	Fill	•	m3	\$	37.80	\$		
		1.3.1	Allow for site set out	1	Item	\$	12,500.00	\$	12,500.00	
2	ROAD F	New Pav	r nemont							
	2.1	2.1.1	Road pavement - Traffic lanes	7,009	m2	\$	156.60	\$	1,097,678.30	
	2.2	Rehabilit	ate Existing Pavement							
3		2.2.1 ETE WOR	Pavement profiling and reshaping	1	Allow.	\$	149,482.80	\$	149,482.80	Allowance only
3	3.1		KS I Channel							
		3.1.1	Kerb and channel	1,347	LM	\$	48.60	\$	65,457.88	Kerb and channel to both sides of each traffic
	3.2	Pedestri	an & Cycle Paths							
		3.2.1	Pedestrian footpath	1,370	m2	\$	59.00	\$	80,830.00	
		3.2.2	Cycle pathway	1,566	m2	\$	66.00	\$	103,356.00	Allow Cycle path (3m) wide
		222	Shared pathway		m2	s	66.00			
	3.3	Median s			1112	9	00.00	4	· ·	
		3.3.1	Median (Levelled ground)	724	m2	\$	32.40	\$	23,457.60	
4	DRAINA 4.1	GE Drainage	- Pipes							
		4.1.1	Stormwater drainage (300mm DIA)	201 527	LM LM	\$		\$	43,372.80 137 046 00	
		4.1.3	Stormwater drainage (450mm DIA) Stormwater drainage (525mm DIA)	226	LM	\$	260.00 383.50	\$	86,632.65	
	4.2	4.1.4 Drainage	Drainage, sub grade drain	1,506	LM	\$	54.00	\$	81,324.00	
		4.2.1	Side entry pits	8	No.	\$	2,700.00	\$	21,600.00	Assumed spacing of approx. 100m
	4.3	Drainage	e - WSUD e - Miscellaneous	. 8	Allow. No.	\$	1,500.00	\$	12,000.00	Assumed none.
			- Walderfalled a		140.	•		•		radina none.
j	TRAFFI 5.1	C Traffic S	ionals							
			Traffic signals (incl. conduit subset)	1	Allow.	\$	540,000.00	\$	540,000.00	Rate includes for signals, conduits, pits,
										footings etc.
	5.2	Traffic S								Includes fixed signage, guide posts, line
		5.2.1	Line marking and Traffic Signage	1,147	LM	\$	32.00	\$	36,688.45	markings, traffic safety
	LANDS	CAPE								
	6.1	Trees	Tree planting (2-2.5m tall)	14	No.	S	350.00		4 000 00	Allowance only
	6.2	Landsca	ping						*****	,
			Tube stock plantings	13,760	m2	\$			41,280.00	Allowance of 2 per m2 to nature strip
			Nature strip	6,880	m2	\$	10.00	\$	68,800.00	Allow for total (3m) wide. Topsoiling and seeding of nature strips, varying in widths
7		Street Li								
										Assume install poles 12m high with luminarie
		7.1.1	Street lighting (incl. lighting conduits)	16	No.	\$	12,500.00	\$	200,000.00	placed every 50m (roads) to one side. Rate
										includes for electrical lighting conduits
	MISCEL	LANEOUS								
	8.1	8.1.1	Speed cameras	-	Item	\$		\$		Excluded
		8.1.2	Speed bumps	•	No.	\$		\$	•	Excluded
	8.2	Retainin	g walls Retaining wall		LM	s		s		
		8.2.1	Retaining wall	•	LM	\$	-	\$	•	Assume no retaining walls
9	SERVIC	ES								
	9.1 9.2	Services	Relocation (Electrical Pole Relocation) Protection	1	Allow.	\$	400,000.00 20,000.00			Excluded Excluded
10	MAINTE									
U			VicRoads maintenance fee	1	No.	•	81,000.00	•	81 000 00	Allowance for VicRoads maintenance fee to
	10.1	10.1.1	Victorial maintenance rec		140.		01,000.00	•	01,000.00	each intersection, as advised by WSPPB
				SUB TOTAL	- WORKS	3		\$	3,605,287.58	
1		B1/				_				
1	DELIVE	Fees								
	11.1 11.2	Council I VicRoad		3.25% 1.00%	Item Item			\$	117,171.85 36,052.88	
	11.3	Traffic M	lanagement	5.00%	Item			\$	180,264.38	
	11.4 11.5	Environn Survey 8	nental Management	0.50% 5.00%	Item Item			\$	18,026.44 180,264.38	
	11.6	Supervis	ion & Project Management	9.00%	Item			\$	324,475.88	
	11.7 11.8	Site Esta Continge	ablishment	2.50% 15.00%	Item Item			\$	90,132.19 540,793.14	
		,	·	SUB-TOTAL D		1		\$	1,487,181.13	
								,		
12				TOTAL ESTIMATED PROJECT	T 000*				5,092,468.71	
٤				TOTAL ESTIMATED PROJECT	COST			\$	5,092,468.71	

Description of Contractions 1	em Desc	cription	Quantity	Unit		Rate	Amount	Comments
	WOR	25					•	
1.1.1 Shippersection	1 SITEV	WORKS AND EARTHWORKS						
1	-	1.1.1 Site preparation	2	Item	\$	5,500.00	\$ 11,000.00	
THE COLOR	1.3							
Temporary Company Co		1.2.1 Bulk excavation and fill 1.2.3 Fill only	6,922		\$	70.00 37.80	\$ 484,505.00 \$	
2 III Stage invalues 2 1	1.5		1	Item	\$		\$ 12,500.00	
2.11 Bidge structure	2 STRU 2.1	CTURE Slab & Foundations/Piers/Beams						
2.13 Clathomer Starring			4 700	so m	٢.	2.450.00	\$ 10,290,000,00	Allow for reinforced single span concret (Total width 13.5m approx.)
2.1.1 Bridge Calumen 2.1.1 Proc. 2.1.1 Pro								200mm thick deck slab on top of super deep T-Beams
2.1.5 Files		2.1.2 Cast in-situ concrete base slab with footings		sq.m	\$	550.00	\$ -	
2.1.1 Pin Composition							\$ 3,099,800.00	Driven piles
1 150,000		2.1.6 Pile Cap		Item		31,950.00	\$ 223,650.00	Approx. 10 per pier
2.11.0 Ending Pack 2.12.1 Ending Control State Bird Pack 2.12.1 Ending Control State Bird Pack 2.12.1 Ending Control State Bird Pack 2.13.1 Ending Control State 2.13.1 Ending Control State 2.13.1 Ending Control State 2.13.1 Ending Part Pack 2.13.1 Ending		2.1.7 Retaining Walls - Wing & Keeper Walls		sq.m	\$		\$.	
2.1.1. Contractability		2.1.9 Retaining Wall		sq.m	\$	1,120.00	\$	
2.2.2 Abuntues 2.2.2 Abuntues 2.2.2 Abuntues 2.2.2 Abuntues 2.2.3 Abuntues 2.2.4 Bodge containment buriers 2.2.1 Bodge containment buriers 2.2.3 Bodge containment buriers 2.2.3 Abuntues 2.2.3 Abuntues 2.2.4 Abuntues 2.2.3 Bodge containment buriers 2.2.4 Abuntues 2.2.4 Abuntues 2.2.5 Bodge containment buriers 2.2.6 Abuntues 2.2.7 Abuntues 2.2.7 Abuntues 2.2.7 Abuntues 2.2.8 Abuntues 2.2.8 Abuntues 2.2.9 Abunt		2.1.10 Bridge Deck			\$	480.00	\$.	Allowance for temporary works due to :
2.21 for Comment Or Controlled Research 130	2:	Abutments	1	item			5 2,203,812.21	conditions
2.3.3 Abstract Walls and Standards 2.3.1 Bridge containment barriers 2.3.1 Bridge containment barriers 3.1.1 May for containment barriers 3.1.2 Bridge containment barriers 3.1.3 Bridge containment barriers 3.1.3 Bridge containment barriers 3.1.4 May 17, 17, 17, 18, 18, 18, 19, 19, 19, 19, 19, 19, 19, 19, 19, 19		2.2.1 RC Abutment / Crosshead Beam	130	cu.m	\$	2,500.00	\$ 325,000.00	
2.3.1 (a long containment furnishment furnishment for the containment for the containment furnishment furnishment for the containment furnishment furn		2.2.3 Abutment Walls and Bearings	1	Item	\$	400,000.00	\$ 400,000.00	
2.13. Services - Among of disordered by 3. One Sender Works 2.1.1 Alighaith prevenent 3. 1.1.1 Alighaith prevenent 3. 1.1.2 Alighaith growment and bridge 3. 1.2 Alighaith growment 3. 1.1.2 Alighaith growment 3. 1.1.2 Alighaith growment 3. 1.1.2 Alighaith growment 3. 1.1.3 Alighaith growment 4. 1.1	2.3	Bridge Containment Parriers						
1.3.3 Services - Armono (off mortunary) 1		2.3.1 Bridge containment barriers	580		\$	2,850.00	\$ 1,653,000.00	
1		2.3.2 Barriers - Armoo (off structure)			\$	1,750.00	\$.	
1.1 Analyshal Warring Course Coar Sale 1.1								
1.1.3 Rod powered under bridge	3 ON-E 3.1	IRIDGE WORKS L Ashphalt Wearing Course Over Slab						
1.1.3 Rock powerment under bridge			1,960				\$ 215,600.00	Road pavement - Traffic lane Allow Traffic lane (7m) wide
1.3 Todger Colorand Colorand 1.50 1.		3.1.2 Road pavement under bridge		sq.m	\$	250.00	\$.	
1.3 Sorting Control 1.4	3.2	Kerb and Channel						
1. Liphting On-Bridge 1. Liphting On	3.3		560					
1. Liphting On-Bridge 1. Liphting On		3.3.1 Bridge walkway 3.3.2 Pedestrian footnath	1			1,500.00	s .	
1.1		3.3.3 Shared path	1,400	sq.m	\$	132.00	\$ 184,800.00	Shared path overlay total
### OFF ### STATE 1997 199	3.	3.4.1 Lighting	10	Item	\$	17,500.00	\$ 175,000.00	Assumed poles 12m high with luminarie
4.1 Approach State 4.1.1 Approach State 4.1.1 Approach State 4.1.2 Contraction decorate sizes (approach sizes) 4.2 Safety quart Rail/Burster 4.2 Safety quart Rail/Burster 4.2 Safety quart Rail/Burster 4.2 Safety sizes 4.2 Safety rails 4.2 Safety rails 4.3 Safety rails 5.3 Safet	3.5	3.4.2 Allowance for Conduits Other		LM	\$	16.50	\$ -	
### 1.1 Reinforced concrete table (perpresent slabe) ### 2. Safety cander adulty and a control of the control o								
# 2.1 Standards 1 ten 5 5,000.00 5 5,000.00 0 vehicle approach barriers # 2.1 Standards 2 ten 5 5,000.00 5 5,000.00 0 vehicle approach barriers # 2.1 Standards bridge 2 ten 5 100,000 5 300,000 0 vehicle approach barriers # 2.1 Standards bridge 2 ten 5 100,000 5 300,000 0 vehicle approach balls # 2.1 Standards bridge 2 ten 5 100,000 5 5,000.00 0 vehicle approach balls # 2.1 Standards bridge 2 ten 5 100,000 5 5,000.00 0 vehicle approach balls # 2.1 And the standards screen / dedding to Pers / Deck 5 ten 5 100,000 5 5,000.00 0 vehicle approach barriers # 2.2 And Three verses 5 ten 5 100,000 5 15,000.00 0 vehicle approach barriers # 2.2 And Three verses 5 ten 5 1,000 0 5 15,000.00 0 # 2.2 And Three verses 5 ten 5 1,000 0 5 15,000.00 0 # 2.2 And Three verses 5 ten 5 1,000 0 5 15,000.00 0 # 2.3 Deviating works 1 ten 5 2,000 0 5 15,000.00 0 # 2.3 Deviating works 2 ten 5 2,000 0 5 15,000.00 0 # 2.3 Deviating works 2 ten 5 2,000 0 5 15,000.00 0 # 2.3 Deviating works 2 ten 5 1,000 0 5 15,000.00 0 # 2.3 Deviating works 2 ten 5 1,000 0 5 15,000.00 0 # 2.3 Deviating works 2 ten 5 1,000 0 5 15,000.00 0 # 2.3 Deviating works 2 ten 5 1,000 0 5 15,000.00 0 # 2.3 Deviating works 2 ten 5 1,000 0 5 1,000 # 2.3 Deviating works 2 ten 5 1,000 0 5 1,000 # 2.3 Deviating works 2 ten 5 1,000 0 5 1,000 # 2.3 Deviating works 2 ten 5 1,000 0 5 1,000 # 2.4 Deviating works 2 ten 5 1,000 0 5 1,000 # 2.4 Deviating works 2 ten 5 1,000 0 5 1,000 # 2.4 Deviating works 2 ten 5 1,000 0 5 1,000 # 2.4 Deviating works 2 ten 5 1,000 0 5 1,000 # 2.4 Deviating works 2 ten 5 1,000 0 5 1,000 # 2.4 Deviating works 2 ten 5 1,000 0 5 1,000 # 2.4 Deviating works 2 ten 5 1,000 0 5 1,000 # 2.4 Deviating works 2 ten 5 1,000 0 5 1,000 # 2.4 Deviating		Approach Slabs 4.1.1 Reinforced concrete slabs (approach slabs)	108	sq.m	\$	500.00	\$ 54,000.00	Assumed 200mm thick
### \$ 200,000 \$ = \$ 200,000 \$ = \$ 200,000 \$ \$ 320,000 \$ \$ \$ 320,000 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	4.3	t Safety Gurad Rail/Barrier 4.2.1 Handrails						
1			200		S		\$ 300,000.00	Vehicle approach barriers
4.5 Other 5 MINICILANDOS 5 MINICILANDOS 5.1 Architectural screens / Cadding to Piers / Dock 5.2 And Three screens 5.3 Detailers griding principal phenology 5.4 Life of the screens 5.5 Life of the screens 5.6 District of the screens 5.7 District of the screens 5.8 District of the screens 5.9 Life of the screens 5.5	4.3	Drainage						Waste to consent state
4.5 Other 5. MINICULATION 5. MINICULATION 5. Add Throw circens 5. Add Carlo Ca		4.3.2 Drainage to lowered road under		Item	Š	100.000.00	\$ -	
\$ MANUAL ORDER Section	4.4	4.3.3 Nock Beaching Scour Protection	560	cu.m	>	100.00	\$ 56,000.00	300mm thick
\$1.2 Ant/Interval screens; classified press; Deck. \$2. Ant Three verses \$50 UM \$ \$ 1,000,000 \$ 1,000,000 \$ 240,000,000 All Anterval States and	4.5	Other						
5.2 And Tifforw covers 5.3 And Tifforw with Temp Developin 1	s MISC	ELIANEOUS						
\$ 1 tem \$ 2 250,000.00 \$ 250,000.0	5.1			LM	\$			
1.5	5.3	Dewatering works	1	Itom	5	250,000.00	\$ 250,000.00	Allowance for dewatering works
5.5 Signaper	5.5	Linemarking	280	sq.m LM	\$	32.00	\$ 8,960.00	
\$ 1 tem \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		Signage Convenation costs		Item		25,000.00	s .	
6.1 Orcopation costs (minor)	5.5	Construction occupation		Item	s	1,035,000.00	\$ -	
6.2 Construction exception 1 Rem 5 1.285,000.00 5 - 5.3 Signifing Adjuments 5 1.285,000.00 5 - 5.4 Signifing Adjuments 5 1.285,000.00 5 - 6.5 Rata Discaption Casts (Major)-Vine 1 Water 5 1.00,000.00 5 - 6.6 Track Ballatiant 1 Rem 5 1.00,000.00 5 - 6.7 Track Ballatiant 1 Rem 5 1.00,000.00 5 - 7.6 Track Ballatiant 1 Rem 5 4.00,000.00 5 - 7.7 Track 1 Rem 5 4.00,000.00 5 - 7.1 APA Gas 1 Rem 5 4.00,000.00 5 - 7.2 Track Ballatiant 1 Rem 5 4.00,000.00 5 - 7.3 Notices World Sener 1 Rem 5 1.00,000.00 5 - 7.4 APA Gas 1 Rem 5 1.00,000.00 5 - 7.5 Increase in head Confrictor Preliminarias (22% to 22%) 3 K 5 2.295,525.96 5 (47,77).78 APA Gas and French Fre	6 RAIL	Habitat compenstation fee RELATED ITEMS	1					Estimate from DELWP
6.3 Signallies Adjustments 1 mem 5 750,000.00 5 6 6.4 Ball Congress Construction (1) Private Offly 1 M / Vision Only 6.5 Track & Balant test (1) Mapping Vision 1 mem 5 1,000.00 5 7. SERVICES 1 mem 5 4,000,000 5 7. SERVICES 1 mem 5 1,000,000 8. SERVICES 1,000,000 8. SERVICES 1 mem 5 1,000,000 8. SERVICES 1 mem 1 mem 1	6.2	Construction occupation			s s			
### 1.500.00 \$ - 1	6.3	Signalling Adjustments Pail Occupation Costs (Rowers Off) - N/A Vilne Only		Item	\$	750,000.00	\$ -	
A	6.5	Rail Occupation Costs (Major) - Vline		Wkend	\$	100,000.00	s -	
SENTIFICATION SENTIFICATIO	6.6	Track & Ballast OHLE (Assume + 100m each way)			\$			
7.2 Testra 1889	7.1	ICES L APA Gas		Item		4,400,000.00	\$.	
7.4 Services reflectation 1 1 1 1 1 1 1 1 1	7.2	P Telstra NBN		Item	\$	400,000.00	\$ -	
23 10 10 10 10 10 10 10 1			,					Allowances for service relocation surrou
SIR TOTAL - WORKS \$ 23,613,017.27							\$ 687,757.78	approach slabs Allowance for scale of project
BELIVERY								1
### 1. Concord Fees 3% Barm \$ 767,413.06 ### 2. Viricolon Fees 0% Barm \$ 1,105,650.66 ### 3. Traffic Khangament 3% Barm \$ 1,105,650.66 ### 4. Furniversealth Management 1% Barm \$ 1,105,650.66 ### 5. Exercise Management 1% Barm \$ 1,105,650.66 ### 5. Exercise Management 1% Barm \$ 1,000,000 ### 5. Exercise Management 1% Barm \$ 2,200,000 ### 5. Exercise Management 1% Barm \$ 2,200,000 ### 5. Section Management 1% Barm \$ 2,200,000 ### 5. Section Management 1% Barm \$ 5,000,000 ### 6. Section Management 1% Barm 1% ### 6. Section Management 1% 1% 1% 1% ### 6. Section Management 1% 1% 1% 1% ### 6. Section Management 1% 1% 1% 1% 1% ### 6. Section Management 1% 1% 1% 1% 1% 1% ### 6. Section Management 1% 1% 1% 1% 1% 1% 1% 1	a pr:-	arm.		NATOT BUG	- WORKS		23,013,017.27	
E2 Victoral Fees	8.1	L Council Fees	3%	Item			\$ 767,423.06	
### 15 Survey Ro Derion S Elem \$ 11,105.50 P ### 5 Survey Ro Derion S Elem \$ 1,1205.50 P ### 5 Survey Ro Derion S Elem \$ 1,1205.50 P ### 5 Survey Ro Derion S Elem \$ 2,231.52.67 Protess due to scale of project ### 5 Survey Ro Derion S Elem \$ 5 5,002.25.43 ### 6 Contragency 20% Elem \$ 4,722,603.45 ### 5 SUR TOTAL -DELIVERY \$ 11,393.280.84		Traffic Management	0% csc	Item			\$ -	
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	8.4	Environmental Management	196	Item			\$ 118,065.09	
8.7 Site Establishment 3% Item \$ 500,225.43 8.8 Contagency 20% Item \$ 4,722,661.45 SUB TOTAL - GELVERY \$ 11,393,280.84	8.5	Survey & Design Supervision & Project Management		Item			\$ 1,180,650.86 \$ 2,833,562.07	Increase due to scale of project
SUB TOTAL - DELIVERY 5 11,393,200.84		7 Site Establishment	3%	Item				
	0.0	- management	200				- 7,722,003.43	
				SUB TOTAL	- DELIVERY		\$ 11,393,280.84	
				TOTAL				



		h 22m						<u> </u>	
	Descripti	1		Quantity	Unit		Rate	Amount	Comments
	WORKS	AND EARTHWORKS							
	1.1	Pre-construction							
		1.1.1 Site preparation 1.1.2 Strip Site Locally		368	Item sq.m	\$	5,500.00 2.75	\$ 5,500.00 \$ 1,012.00	
	1.2	Earthworks	and fill		cu.m	s	70.00	e .	
		Earthworks 1.2.1 Bulk excavation : 1.2.1 Fill only Set-Out		500	cu.m	\$	38.50		Imported fill
		1.3.1 Allow for site set	out and marking	1	Item	\$	5,500.00	\$ 5,500.00	
	STRUCTUE 2.1	Slab & Foundations/Piers/B							
		2.1.1 Bridge structure	Name of the Control o	330	sq.m	\$	2,450.00	\$ 808,500.00	Single span precast 1200 mm deep arrangement with in-situ deck over
		2.1.2 Elastomeric Bear	ings		Item	s	1,650.00	\$ -	arrangement with in-situ deck over
		2.1.4 Bridge Columns	rete base slab with footings		sq.m sq.m	\$	550.00 3,500.00	s -	
		2.1.5 Piles 2.1.6 Pile Cap			item item	\$	3,584.70 31.950.00	\$ -	
		1.7 Retaining Walls	Wing & Keeper Walls	160	sq.m	s	1 100 00	5 176 000 00	
		2.1.8 Retaining Walls - 2.1.9 Retaining Wall	Fender Wall	. 2	Item sq.m	\$	16,500.00 1,120.00	\$ 33,000.00	
		2.1.10 Bridge Deck 2.1.11 Constructability			sq.m Item	s	480.00	s -	
	2.2	Abutments							
		2.2.1 RC Abutment / C 2.2.2 Anti Sliding Block 2.2.3 Abutment Walls	rosshead Beam is	. 27	LM Item	\$	3,147.00 2,500.00 400,000.00	\$ 84,969.00 \$	
		2.2.3 Abutment Walls 2.2.4 Bored piles	and Bearings	1	Item Item	\$ \$ \$	400,000.00 9,712.80	\$ 400,000.00	
	2.3	Bridge Containment Barrier	5		LM				
		2.3.1 Bridge containm 2.3.2 Barriers - Mediur	ent barriers n Containment	40	LM	\$	2,850.00 1,750.00	\$ - \$ 70,000.00	
	2.4	2.3.3 Barriers - Armoo Other	(off structure)	160	LM	s	110.00	\$ 17,600.00	
	ON-BRIDG								
	3.1	Ashphalt Wearing Course O	ver Slab						
		3.1.1 Asphalt pavement 3.1.2 Road pavement	nt under bridge	154	sq.m sq.m	\$	110.00 250.00		
	3.2	3.1.3 Cycle track Kerb and Channel			sq.m	\$	1,200.00	\$ -	
		3.2.1 Kerb and channe	4	60	LM	\$	75.00	\$ 4,500.00	
	3.3	Footpath 3.3.1 Bridge walkway			sq.m	\$	1,500.00	\$ -	
		3.3.2 Pedestrian footp 3.3.3 Shared path	ath	33 66	sq.m sq.m	\$ \$ \$	155.00 155.00	\$ 5,115.00 \$ 10,230.00	
	3.4	Lighting On-Bridge		2	Item		17,500.00		
		3.4.2 Allowance for Co	induits	178	LM	\$ \$	16.50	\$ 35,000.00	
	3.5	Other							
	OFF-BRIDI 4.1	WORKS Approach Slabs							
	4.2	1.1.1 Reinforced concr	ete slabs (approach slabs)	108	sq.m	\$	500.00	\$ 54,000.00	Assumed 200mm thick
		4.2.1 Handrails 4.2.2 Guard rails			item item	\$	5,000.00 5,000.00	s -	
		4.2.3 Safety rails			item	\$	20,000.00	\$.	
	4.3	Drainage 4.3.1 Drainage to bridg 4.3.2 Drainage to lowe	ge	1	Item	\$ \$	22,000.00 100,000.00	\$ 22,000.00	
		1.3.3 Rock Beaching	red road under	30	item cu.m	\$	100,000.00 176.00	\$ - \$ 5.280.00	300mm thick
	4.4	Scour Protection							
	4.5	Other							
	MISCELLA	EOUS							
	5.1 5.2	Architectural screens / clado Anti Throw screens	ling to Piers / Deck		LM LM	\$	2,000.00 1,650.00	\$ - \$ -	
	5.3 5.4	Dewatering works Melbourne Water Temp Div	errice	250	item sq.m	\$	250,000.00 1,000.00	\$ - \$ 250,000.00	
	5.5	Linemarking	and the second s	1	Item	\$	1,200.00	\$ 1,200.00	
	5.6 5.7	Signage Occupation costs		. 1	item item	\$ \$ \$	20,000.00	\$ -	
	5.8 5.9	Construction occupation Habitat Compensation Fee (Estimate)		ltem ltem	\$	1,035,000.00	\$ ·	
	RAIL RELA 6.1	Dccupation costs (minor)			Item	\$	20,000.00	\$ -	
	6.2	Construction occupation			Item	\$	1.035.000.00	s -	
	6.3 6.4	Signalling Adjustments Rail Occupation Costs (Powe	er Off) - N/A Vline Only		Item Note		750,000.00		
	6.5	Rail Occupation Costs (Majo Frack & Ballast	r) - Vline		Wkend	s	100,000.00 1,650.00	s -	
	6.7 SERVICES	OHLE (Assume + 100m each	way)		TM	\$	550.00	š -	
	7.1	APA Gas			Item	\$	4,400,000.00		
	7.2 7.3	Felstra NBN Western Water Sewer			ltem ltem	\$	400,000.00 300,000.00	\$ -	
	7.4 7.5	Services relocation increase in Head Contractor	Preliminaries (22% to 25%)		item	s	150,000.00 2,053,540.92	s -	
					SUB TOTAL - WORKS			\$ 2,053,540.92	ī
1	DELIVERY							,,332	•
	8.1	Council Fees		3%	Item			\$ 66,740.08	
	8.2 8.3	VicRoads Fees Fraffic Management		0% 5%	item item			\$ - \$ 102,677.05	
	8.4 8.5	Environmental Managemen Survey & Design		1% 5%	item item			\$ 10,267.70 \$ 102,677.05	
	8.6	Supervision & Project Mana Site Establishment	gement	9% 3%	item item			\$ 184,818.68 \$ 51,338.52	
		Sontingency		20%	item			\$ 51,338.52 \$ 410,708.18	
					SUB TOTAL - D			\$ 929,227.27	

Item	Descripti	ion		Quantity	Unit		Rate	Amount	Comments
	WORKS								
1	SITEWOR 1.1	KS AND EAR	RTHWORKS						
	1.1	1.1.1	Site preparation	1	Item	\$	5,500.00	\$ 5,500.0	
	1.2	1.1.2 Earthwoi	Strip Site Locally	368	sq.m	\$	2.75		00 At Approach Ramps / RE Walls
		1.2.1	Bulk excavation and fill Fill only	640	cu.m	\$	70.00 38.50	\$ 44,800.0	00
	1.3			1	Item	s		\$ 5,500.0	
2	STRUCTU	RE	Allow for site setout and marking	1	Item	\$	5,500.00	5 5,500.0	10
	2.1	Slab & Fo	undations/Piers/Beams						Single span precast 1200 mm deep
		2.1.1	Bridge Structure	240	sq.m	\$	3,200.00	\$ 768,000.0	 Super T-beam arrangement with in deck overlay.
		2.1.2	Elastomeric Bearings		Item	\$	1,650.00		deck overlay.
		2.1.3	Cast in-situ concrete base slab with footings Bridge Columns		sq.m sq.m	\$	550.00 3.500.00	\$ - \$ -	
		2.1.5	Piles Pile Cap		Item Item	\$	3,584.70 31,950.00	\$.	
		2.1.7	Retaining Walls - Wing & Keeper Walls	160	sq.m	\$ \$ \$ \$ \$ \$ \$ \$ \$	1,100.00	\$ 176,000.0	00
		2.1.9	Retaining Walls - Fender Wall Retaining Wall	2	Item sq.m	\$	16,500.00 1,120.00	\$ -	10
		2.1.10	Bridge Deck Constructability		sq.m Item	\$	480.00	s -	
	2.2	Abutmer	ts						
		2.2.1	RC Abutment / Crosshead Beam Anti Sliding Blocks	27	LM Item	\$	3,147.00 2,500.00	\$ -	
		2.2.3	Abutment Walls and Bearings Bored piles	1	Item	\$ \$ \$	400,000.00 9,712.80	\$ 400,000.0	00
	2.3	Bridge Co	ntainment Barriers						
		2.3.1	Bridge containment barriers Barriers - Medium Containment	- 40	LM LM	\$	2,850.00 1,750.00	\$ 70,000	
	24	2.3.3 Other	Barriers - Armco (off structure)	160	LM	\$	110.00	\$ 17,600.0	
3	ON-BRIDE 3.1	GE WORKS Ashphalt	Wearing Course Over Slab						
		3.1.1	Asphalt pavement	128	sq.m	\$	110.00	\$ 14,080.0	195mm thick asphalt pavement in layers
		3.1.2	Road pavement under bridge		sq.m	\$	250.00	\$ -	layers
	3.2	3.1.3 Kerb and			sq.m	\$	1,200.00	s -	
	3.3		Kerb and channel	60	LM	\$	75.00	\$ 4,500.0	00
	3.3	3.3.1	Bridge walkway		sq.m	\$	1,500.00	\$ -	
		3.3.2	Pedestrian footpath Shared path	32 56	sq.m sq.m	s	155.00 155.00		
	3.4	Lighting (n-Bridge			\$	12,500.00		
		3.4.2	Lighting Allowance for Conduits	. 1	Item LM	\$	12,500.00	\$ 12,500.0	JU
	3.5	Other							
4	OFF-BRID	GE WORKS Approach	Slahs						
	4.2	4.1.1	Reinforced concrete slabs (approach slabs)	108	sq.m	\$	500.00	\$ 54,000.0	00 Assumed 200mm thick
	4.2	4.2.1	Handrails		Item	\$	5,000.00	\$ -	
		422	Cafety rails		Item Item	\$	5,000.00 20.000.00	\$.	
	4.3	Drainage	Drainage to bridge		Item	5	22,000.00		
		4.3.2	Drainage to lowered road under Rock Beaching		Item	\$	100,000.00 176.00	s .	
	4.4	4.3.3 Scour Pro	Rock Beaching stection	30	cu.m	\$	176.00	\$ 5,280.0	00 300mm thick
	45	Other							
5	MISCELLA	NEOUS							
	5.1 5.2	Anti Thro			LM LM	\$	2,000.00 1,650.00	Ś -	
	5.3 5.4	Dewateri	ng works se Water Temp Diversion		Item sq.m	\$	250,000.00 1,000.00	s -	
	5.5	Linemark	ing	1	Item	\$	1,200.00	\$ 1,200.0	00
	5.6 5.7	Signage Occupati	on costs		Item Item	\$ \$ \$	25,000.00 20,000.00 1,035,000.00	s - s -	
	5.8 5.9	Construc	ion occupation ompensation Fee (Estimate)		Item Item	\$	1,035,000.00	s .	
6	RAIL RELA	TED ITEMS							
	6.1 6.2	Construc	on costs (minor) don occupation		Item Item	\$	20,000.00 1,035,000.00	\$ -	
	6.3	Signalling Rail Occur	Adjustments pation Costs (Power Off) - N/A Vline Only		Item Note	s	750,000.00	\$.	
	6.5	Rail Occu	pation Costs (Major) - Vline		Wkend	\$	100,000.00	s .	
	6.6 6.7	Track & B OHLE (As	allast sume + 100m each way)		Item TM	\$	1,650.00 550.00		
7	SERVICES 7.1	APA Gas			Item		4,400,000.00		
	7.2	Telstra N			Item	\$ \$ \$	400,000.00	\$.	
	7.3 7.4	Services r			Item Item	\$	300,000.00 150,000.00	\$.	
	7.5	Increase	n Head Contractor Preliminaries (22% to 25%)		%	\$	1,711,581.00	\$.	
					SUB TOTAL - WORKS			\$ 1,711,581.0	20
	DELBATTO							· 1,/11,381.0	
8	DELIVERY 8.1	Council F	res	3%	Item			\$ 55,626.3	38
	8.2 8.3	VicRoads Traffic M	nagement	0% 5%	Item Item			\$ -	05
	8.4	Environm	ental Management	5% 1%	Item			\$ 8,557.5	91
	8.5 8.6	Survey & Supervisi	on & Project Management	5% 9%	Item Item			\$ 85,579.0 \$ 154,042.3	29
	8.7 8.8	Site Estab	lishment	3% 20%	Item Item			\$ 42,789.5 \$ 342,316.3	53
	0.0	continge		20%					
					SUB TOTAL	- DELIVERY		\$ 774,490.4	10

20220097 3184056 FMO - Cost Estimates.visx \$5-802

SS-BR-03 - Bridge

SS-BR-04 - Bridge Approx. length 12m (road under rail) Quantity Unit Rate Amount Comments 5,500.00 \$ 2.75 \$ 5,500.00 1.1.2 Strip Ste Locally 1.2 Earthworks 1.1 Bulk excavation and fill 1.2.3 Fill only 1.3 Set-Out 1.3.1 Allow for site setout and marking 72,800.00 Site excavation, compaction and rock beaching 2 STRUCTURE 2.1 Slab & Foundations/Piers/Beams 2.1.1 Bridge structure 2.1.2 Elastomeric Bearings 2.1.3 Cast in-situ concrete base slab with footings 2.1.4 Bridge Columns 2.1.5 Piles 1,650.00 \$ 550.00 \$ 3.500.00 \$ 120,000.00 Including pile caps, pile set up, drilling, concrete, and reinforcement. 8 Item \$ 15,000.00 \$ 2.1.6 Pile Cap Item sq.m Item 2.1.7 Retaining Walls - Wing & Keeper Walls 2.1.8 Retaining Walls - Fender Wall 1,100.00 \$ 16,500.00 \$. 336,000.00 Assume rock bolts at 1.5mx1.5m grid with 75mm thick steel fibre shotcrete wall 2.1.9 Retaining wall sq.m 2.1.9 Retaining wall 2.1.10 (riggs Deck 2.1.11 Constructability 2.1.11 Constructability 2.1.1 RC Abutment / Crosshed Beam 2.1.2 Abutment 2.2.2 Abutment Walls and Bearings 2.2.3 Abutment Walls and Bearings 2.2.1 Bridge containment Barriers 2.1.1 Bridge containment barriers 2.1.1 Bridge containment barriers 2.1.3 Barriers - Medium Containment 2.3.1 Barriers - Armoo (off structure) 2.4 Other 3 ON-BRIDGE WORKS 3.1 Adaphalt Warring Course Over Sab 3.1.1 August provement 3.1.2 Cycle track 3.1.3 Cycle track 3.1.3 Cycle track 3.1.1 Cycle track 3.1.1 Cycle track 3.1.2 Kesh and Channel 3.1.3 Rectpant 3.1.3 Rectpant 3.1.3 Rectpant 3.1.3 Pedictrace forteach 3.1.3 Saved path 3.1.3 Lighting On-Bridge 3.1.1 Lighting 3.1.3 Allowance for Conduits 3.1.3 Notwerner for Conduits 48,500.00 69,840.00 (160mm thk deck slab onto of INo. Super T grider 75.00 \$ 4 Item \$. LM \$ 10,000.00 Mounted to underside of bridge 4 OFF-BRIDGE WORKS 4.1 Approach Slabs 57,600.00 Assume 4m long approach RC slab at each abutment (assumed also 200mm thick) 4.1.1 Reinforced concrete slabs (approach slabs) 115 sq.m \$ 500.00 \$ 4.1.1 Reinforced concrete slabs (approx 4.2 Safety Gurad Rail/Barrier 4.2.1 Handrails 4.2.2 Guard rails 4.2.3 Safety rails 4.3.1 Drainage 4.3.1 Drainage to bridge 4.3.2 Drainage to lowered road under 4.3.3 Rosk Beaching 4.4 Scour Protection 5,000.00 Allowance only, Pedestrain barriers to bridge over 5,000.00 Allowance only, vehicle approach barriers 20,000.00 Allowance only, Rail safety barriers for bridge over 4.5 Other 5 MISCILLANCOUS 5.1 Architectural screen / cladding to Piers / Deck 5.2 Acis These screens 5.4 Melbourne Water Temp Diversion 5.5 Liensenstage 5.6 Signage 5.7 Occupation coccus 5.8 Construction occupation 5.8 Signature Construction occupation 5.8 Signature Construction occupation 5.8 New York Occupation occupation 5.8 New York Occupation occupation 44,000.00 \$ 1,650.00 \$ 250,000.00 \$ 1,000.00 \$ 1,200.00 \$ 25,000.00 \$ Item LM Item sq.m Item Item Item Item Item Item 88.000.00 1,200.00 5.9 skibist Compensation for Estimate) 6.1 Occupation costs (month) 6.2 Occupation costs (month) 6.3 Signaling Algorithments 6.4 Ball Discopation Costs (New CPT) - N/A Valne Only 6.5 Ball Coccupation Costs (New CPT) - N/A Valne Only 6.7 OHLE (Assume + 100m each way) 7. SERVICES 7. Telesta NBN 7. Telesta NBN 7.3 Western NBN 7.3 Western NBN 7.3 Western NBN 7.5 services relocation Item Item Item Note Wkend TM TM 4,400,000.00 \$ 400,000.00 \$ 300,000.00 \$ 4,400,000.00 Figure provided by APA 311.505.00 Increase due to project complexity SUB TOTAL - WORKS \$ 10,695,005.00 8 DELIVERY 8.1 Council Fees 8.2 VicRoads Fees 8.3 Traffic Management 8.4 Environmental Management 8.5 Survey & Design 8.6 Supervision & Project Management 8.7 Size Eutablishment 8.8 Configency 347.587.66 53,475.03 534,750.25 2,673,751.25 in 267,375.13 2,139,001.00 SUB TOTAL - DELIVER 6,550,690.56

Jacksons Creek Crossing LR-RD2-3A Approx. length: 245m (excl. intersections and bridges)

Second Column Second Colum				Description	Quantity	Unit		Rate	- 1	Amount	Comments
STENDINGS AND EARTHWOODS 1.1 Pre-Continued State preparation 1.2 Enthological preparation 2.30 rd 5 5.60 5 44,962.00		WORKS									
1.1 Demotion and sipe preparation 2,00 m/s 5, 50,0 m/s 5, 44,900	1	SITEWO	RKS AND								
1.2 Earthwork		1.1			8.330	m2	S	5.40	s	44 982 00	
1.2.2 EN		1.2	Earthwo	rks							
1.2.3 Cut to fill			1.2.1	Cut and disposal	29,268					1,609,742.96	With 10% additional factor
1. Set-Out			1.2.2			m3 m3	S				
2		1.3	Set-Out								
2-11 New Personnel 2-11 Road pavement - Traffic lanes 2.842 m2			1.3.1	Allow for site set out	1	Item	\$	12,500.00	\$	12,500.00	
2.1.1 Road pavement Traffic lanes	2	ROAD F									
2.11 Road powerwin - Traffic latens		2.1	New Pay	vement							
2.2 Relabilition Earling Presented 2.2 Prevented profiting and rechaping 2.4 Prevented profiting and rechaping 2.4 Prevented profiting and rechaping 2.5 Prevented profiting and to be set also of proposed 2.5 Prevented Acycle Prevented 2.5 Prevented Acycle Prevented Acycle Prevented 2.5 Prevented Acycle Prevented Acycle Prevented 2.5 Prevented Acycle Prevented			244	Dood on some Traffic lands	2.042	0		450.00		445.057.00	Includes pavement to Traffic lane (3.5m) and
2.2 Perhabilistae Eurising Prement 2.2.1 Preveners profiling and enshaping 2.2.2 2.2.1 Preveners profiling and enshaping 2.2.2 2			2.1.1	Road pavement - Trainic lanes	2,042	1112	3	150.00	٥	445,057.20	(11.6m)
CONCRITE MONIXS 3 Nets and Channel 3 1 Nets and Channel 3 Nets an											
3 Control Channel		2.2									
3.1 Kerb and Channel 3.1 Kerb and Channel 3.2 Probestims of Copie Parts 3.2 Probestims of Copie Parts 3.2 Cycle pathway 53 7.2 Section of Copie Parts 3.2 Cycle pathway 53 7.2 Section of Copie Parts 3.2 Cycle pathway 53 Section of Copie Parts 3.2 Shand pathway 3.3 Median (Levelled ground) 1.470 m2 5 5.00 5 5.478.00 6.70 (7,7 m vide), Total gara (J.Am) vide 3.3 Median (Levelled ground) 1.470 m2 5 3.20 5 47.625.00 (7,7 m vide), Total gara (J.Am) vide 7. Stormward crainage (JOSmm DIA) 4.12 Stormward crainage (JOSmm DIA) 4.13 Stormward crainage (JOSmm DIA) 4.13 Stormward crainage (JOSmm DIA) 4.14 Stormward crainage (JOSmm DIA) 4.15 Stormward crainage (JOSmm DIA) 4.16 Stormward crainage (JOSmm DIA) 4.17 Stormward crainage (JOSmm DIA) 4.18 JOSmmard crainage (JOSmm DIA) 4.19 JOSmmard crainage (JOSmm DIA) 4.19 JOSmmard crainage (JOSmm DIA) 4.10 JOSmmard crainage (JOSmmard JOSmmard JOSm			2.2.1	Pavement profiling and resnaping	-	Allow.	5	-	\$	-	Have assumed all new works.
3.1. Keth and drawned 3.2. Pedestrian Ac/opi Parta 3.2.1 Pedestrian forcipath 3.2.1 Pedestrian forcipath 3.2.2 Cycle pathway 3.2.2 Cycle pathway 3.2.3 Declaration forcipath 3.2.2 Cycle pathway 3.2.3 Median step 3.2.3 Standard gathway 3.3.3 Median step 3.3.3 Median step 3.3.3 Median step 3.3.4 Median step 3.3.4 Median (Levelled ground) 3.3.5 Median step 3.3.6 Median step 3.3.6 Median step 3.3.6 Median step 3.3.7 Median step 3.3.7 Median step 3.3.8 Median step 3.3.8 Median step 3.3.8 Median step 3.3.8 Median step 3.3.1 Median step	3										
3.2.2 Pedestrian A Cycle Parles		3.1	Kerb and	d Channel	000	LM	e	49.60	e	47 629 00	
3.2.1 Pedestrain locopath 980 m2 \$ 50.00 \$ 57,2000 Pedicitation plant to Doth sides of proposed road. (1ch) wide 3.2.2 Systep pathway - m2 5 66.00 \$ 54,973.00 Cycle path to Doth sides of proposed road. (1ch) wide 3.2.3 Modian stip		3.2	Pedestri	an & Cycle Paths	300	LW	ş	40.00	ð	47,020.00	
3.2.2 Cycle pathway					980	m2	\$	59.00	\$	57,820.00	Pedestrian path to both sides of proposed ro
3.2.5 Shared pathway											
3.3 Median strip 3.3 Median (Levelled ground) 4.1 Drainage - Pipes 4.1 Drainage - Pipes 4.1 Drainage (Section DIA) 4.1.3 Scormater drainage (Section DIA) 4.1.3 Drainage (Section DIA) 4.1.3 Drainage (Section DIA) 4.1.4 Drainage, sub grade drain 4.1 Drainage, sub grade drain 4.2 Drainage, sub grade drain 4.3 Drainage, sub grade drain 4.3 Drainage, sub grade drain 4.4 Drainage, sub grade drain 4.5 Drainage, sub grade drain 4.6 Drainage, sub grade drain 4.7 Allow, \$ 1,500,00 \$ 9,800,00 4.8 Drainage, sub grade drain 4.8 Drainage, sub grade drain or sub grade gra			3.2.2	Cycle pathway	833	m2	\$	66.00	\$	54,978.00	Cycle path to both sides of proposed road, e
3.3 Median (Levelled ground)											
3.1 Median (Leveled ground)					=	m2	\$	66.00	\$	-	Assumed not included in LR-RD2
A DRAMACE		3.3									A
A DRAMACE				Median (Levelled ground)	1,470	m2	\$	32.40	\$	47,628.00	Assume median (6.0m) to be levelled soil - n landscaping assumed
4.1.1 Stormwater drainage (300mm DIA) 245 M. \$ 216.00 \$ 14,112.00	4	DRAINA	GE								
4.1.2 Stormwater drainage (450mm DIA)		4.1	Drainage	- Pipes	CF.	1.54	0	240.00		4444000	
4.1,3 Stormwater drainage (25cm DIA) - LM \$ 383.50 \$ 2.6,460.00 Inclusive of subsol drainage 4.2 Drainage - Print 7 No. \$ 2.700.00 \$ 17,640.00 Assumed spacing of 75m 4.4 Drainage - Wist 7 Allow \$ 1,500.00 \$ 9,800.00 \$ 9,800.00 \$ 9,800.00 \$ 17,640.00 Assumed spacing of 75m 4.4 Drainage - Wist 5 Traific Signals (incl. conduit subset) - LM \$ - \$ - Excluded \$ - \$ - Excluded \$ - \$ - \$			4.1.1	Stormwater drainage (300mm DIA)				260.00	S	63,700.00	
4.2 Disinage - PRS			4.1.3	Stormwater drainage (525mm DIA)			\$	383.50	\$	-	
4.2 Side entry pits		4.2	4.1.4 Drainan	Drainage, sub grade drain	490	LM	\$	54.00	\$	26,460.00	Inclusive of subsoil drainage
4.4 Drainage - Miscellaneous 7 Allow \$ 1,500.00 \$ 9,800.00			4.2.1	Side entry pits	7						Assumed spacing of 75m
TRAFFIC S.1 Traffic Signals S.1.1 Traffic Signals S.2 Traffic Signals S.2.1 Line marking and Traffic Signage 245 LM S.32.0 S.7,840.00 Includes fixed signage, guide posts, line marking and Traffic Signage 245 LM S.32.00 S.7,840.00			Drainage	e - WSUD	7			1,500.00		9,800.00	
Section Sect		4.4	Drainage	e - Miscellaneous	-	No.	\$	-	\$	-	Assumed none.
S.1.1 Traffic signals (incl. conduit subset) S.2 Traffic Signage 245 M \$ 3.200 \$ 7,840.00 Includes fived signage, guide posts, line marking, and Traffic Signage 245 M \$ 3.200 \$ 7,840.00 Includes fived signage, guide posts, line markings, traffic selety	5										
Section Company Comp		5.1	Traffic S	ignals							Fredricked
Summer S		5.2	Traffic S	afety	-	LW.	3	-	•	-	
Electric Company Com			5.2.1	Line marking and Traffic Signage	245	LM	s	32.00	s	7.840.00	Includes fixed signage, guide posts, line
Box Trees Company											markings, traffic safety
6.1 Tee planting (22.5m tail) 2 tem \$ 350.00 \$ 700.00 Allowance only - Assumed spacing of 100m	6										
Company Comp		6.1		Tree planting /2 2 Em tall)	2	Itom	e	250.00	e	700.00	Allowance only Assumed appains of 100m
6.21 Tube stock plantings 2.205 m² \$ 3.00 \$ 6.615.00 Allowance of 2 per m²2 to nature strips (4.5 per m²2 to nature strips (4.5 per m²3 to nature strips (4.5 per m²4 to nat		6.2	Landsca	ping		iteiii	ş				
7 STREET LIGHTING 7.1 Street Lighting (incl. lighting conduits) 8 MSCELLANEOUS 8.1 8.1.1 Speed cameras (speed burnish) 8.2.1 Retaining wall (incl. lighting conduits) 8.2.2 Retaining wall (incl. lighting conduits) 8.2.3 Retaining wall (incl. lighting conduits) 8.2.4 Retaining wall (incl. lighting conduits) 8.2.5 Retaining wall (incl. lighting conduits) 8.2.6 Retaining wall (incl. lighting conduits) 8.2.7 Retaining wall (incl. lighting conduits) 8.2.8 Retaining wall (incl. lighting conduits) 8.2.9 Retaining wall (incl. lighting conduits) 8.2.1 Retaining wall (incl. lighting conduits) 8.2.2 Retaining wall (incl. lighting conduits) 8.2.3 Retaining wall (incl. lighting conduits)			6.2.1	Tube stock plantings	2,205	m2	\$	3.00	\$	6,615.00	Allowance of 2 per m2 to nature strip
7.1 Street Lighting 7.1.1 Street Lighting 7.1.1 Street Lighting (incl. lighting conduits) 5 No. \$ 12,500.00 \$ 61,250.00 placed every 50m (roads) to one side. Rate includes for electrical lighting conduits includes			6.2.2	Nature strip	2,205	m2	\$	10.00	\$	22,050.00	hoth sides. Total (9.0m) wide.
Section Sect	7		T LIGHTIN	G							(,
T.1.1 Street lighting (incl. lighting condults) S No. \$ 12,000 0 \$ 612,000 pincledes levery 50m (roads) to one side. Rate includes for redectrical lighting condults includes for electrical lighting condults in conducts and several electrical lighting condults includes for electrical lighting condults included includes for electrical lighting condults included includes for electrical lighting condults included included includes for electrical lighting condults included includes for electrical lighting condults included included includes for electrical lighting condults in electrical light		7.1	Street Li								
B MSCELLANEOUS LM \$ \$ End				ghting							
MISCELLANEOUS						v	-	10.00			Assume install poles 12m high with luminarie
But			7.1.1		5	No.	\$	12,500.00	\$	61,250.00	placed every 50m (roads) to one side. Rate
8.1.2 Speed bumps - No. S - S - Excluded			7.1.1		5			12,500.00		61,250.00	placed every 50m (roads) to one side. Rate
Retaining walls Retaining walls Retaining wall (3-m ligh) 240 LM \$ 1,120.00 \$ 288,800.00 Up to 2m light R.2.2 Retaining wall (3-m ligh) 120 LM \$ 4,480.00 \$ 537,800.00 Up to 5m light R.2.3 Retaining wall (6-m light) 80 LM \$ 7,780.00 \$ 627,200.00 Up to 8m light R.2.4 Retaining wall (6-m light) 8.2.4 Retaining wall (6-m light) 8.2.4 Retaining wall (6-m light) 8.2.4 Retaining wall (9-1 m light)	8	MISCEL		Street lighting (incl. lighting conduits)	5			12,500.00		61,250.00	placed every 50m (roads) to one side. Rate
8.2.1 Retaining wall (0/2m high)	8		LANEOUS 8.1.1	Street lighting (incl. lighting conduits) Speed cameras	•	LM	s	-	\$		placed every 50m (roads) to one side. Rate includes for electrical lighting conduits Excluded
8.2.2 Retaining wall (3-6m high) 120 LM \$ 4,480.00 \$ 537,600.00 by 6 m high 8.2.3 Retaining wall (8-11 m high) 8.0 LM \$ 11,200.00 \$ 27,200.00 by 6 m high 8.2.4 Retaining wall (8-11 m high) LM \$ 11,200.00 \$ 27,200.00 by 6 m high 9 SERVICES 8.1 Senvices Relocation - Allow, \$ - \$ \$ - Encluded 9.2 Senvices Protection - Allow, \$ - \$ \$ - Encluded 9.3 Senvices Protection - Allow, \$ - \$ \$ - Encluded 9.4 Senvices Protection - Allow, \$ - \$ \$ - Encluded 9.5 Senvices Protection - Allow, \$ - \$ \$ - Encluded 9.5 Senvices Protection - Allow, \$ - \$ \$ - Encluded 9.5 Senvices Protection - Allow, \$ - \$ \$ - Encluded 9.5 Senvices Protection - Allow, \$ - \$ \$ - Encluded 9.5 Senvices Protection - Allow, \$ - \$ \$ - Encluded 9.5 Senvices Protection - Allow, \$ - \$ \$ - Encluded 9.5 Senvices Protection - Allow, \$ - \$ \$ - Encluded 9.5 Senvices Protection - Allow, \$ - \$ \$ - Encluded 9.5 Senvices Protection - Allow, \$ - \$ \$ - Encluded 9.5 Senvices Protection - Encluded 9.5 Senvices Protection - Encluded 9.5 Senvices Protection - Allow, \$ - \$ \$ - Encluded 9.5 Senvices Protection - Allow, \$ - \$ - Encluded 9.5 Senvices Protection - Allow, \$ - \$ - Encluded 9.5 Senvices Protection - Allow, \$ - \$ - Encluded 9.5 Senvices Protection - Allow, \$ - \$ - Encluded 9.5 Senvices Protection - Allow, \$ - \$ - Encluded 9.5 Senvices Protection - Allow, \$ - \$ - Encluded 9.5 Senvices Protection - Allow, \$ - \$ - Encluded 9.5 Senvices Protection - Allow, \$ - \$ - Encluded 9.5 Senvices Protection - Allow, \$ - \$ - Encluded 9.5 Senvices Protection - Allow, \$ - \$ - Encluded 9.5 Senvices Protection - Allow, \$ - \$ - Encluded 9.5 Senv	8	8.1	8.1.1 8.1.2	Street lighting (incl. lighting conduits) 3 Speed cameras Speed bumps	•	LM	s	-	\$		placed every 50m (roads) to one side. Rate includes for electrical lighting conduits Excluded
8.2.4 Retaining wall (9-1 lm high) 9 SERVICES 9.1 Services Relocation 9.2 Services Protection - Allow S - S - Excluded - Allow S - S - Excluded SUB TOTAL - WORKS 10 DELIVERY 10 10 Council Fees 10.1 Council Fees 10.2 VicRoads Fees 10.2 VicRoads Fees 10.2 VicRoads Fees 10.3 Talfic Management 10.4 Environmental Management 10.5 Supervision & Sub	8	8.1	8.1.1 8.1.2 Retainin 8.2.1	Street lighting (incl. lighting conduits) S Speed cameras Speed bumps g walls Retaining wall (0-2m high)		LM Item No.	\$ \$ \$	1,120.00	s s s	268,800.00	placed every 50m (roads) to one side. Rate includes for electrical lighting conduits Excluded Excluded Up to 2m high
9 SERVICES 9.1 Services Relocation 9.2 Services Protection - Allow. \$ - \$ - Excluded 9.2 Services Protection - Allow. \$ - \$ - Excluded SUB TOTAL - WORKS \$ 3,984,103,16	8	8.1	8.1.1 8.1.2 Retainin 8.2.1 8.2.2	Street lighting (incl. lighting conduits) Speed cameras Speed bumps yeals Retaining wall (0-2m high) Retaining wall (3-5m high)	- - - 240 120	LM Item No.	\$ \$ \$ \$	1,120.00	s s s	268,800.00 537,600.00	placed every 50m (roads) to one side. Rate includes for electrical lighting conduits Excluded Excluded Excluded Up to 5m high Up to 5m high Up to 5m high
Substitute Sub	8	8.1	8.1.1 8.1.2 Retainin 8.2.1 8.2.2 8.2.3	Street lighting (incl. lighting conduits) Speed cameras Speed bumps walls Retaining wall (0-2m high) Retaining wall (6-8m high) Retaining wall (6-8m high)	- - - 240 120	LM Item No. LM LM LM	\$ \$ \$ \$	1,120.00 4,480.00 7,840.00	\$ \$ \$ \$ \$	268,800.00 537,600.00	placed every 50m (roads) to one side. Rate includes for electrical lighting conduits Excluded Excluded Up to 2m high Up to 8m high Up to 8m high
9.2 Services Protection		8.1	8.1.1 8.1.2 Retainin 8.2.1 8.2.2 8.2.3 8.2.4	Street lighting (incl. lighting conduits) Speed cameras Speed bumps walls Retaining wall (0-2m high) Retaining wall (6-8m high) Retaining wall (6-8m high)	- - - 240 120	LM Item No. LM LM LM	\$ \$ \$ \$	1,120.00 4,480.00 7,840.00	\$ \$ \$ \$ \$	268,800.00 537,600.00	placed every 50m (roads) to one side. Rate includes for electrical lighting conduits Excluded Excluded Up to 2m high Up to 8m high Up to 8m high
DELIVERY Fees		8.1 8.2 SERVIC	8.1.1 8.1.2 Retainin 8.2.1 8.2.2 8.2.3 8.2.4	Street lighting (incl. lighting conduits) Speed cameras Speed bumps g valis Retaining vali (0.2m high) Retaining vali (6.6m high) Retaining vali (6.6m high) Retaining vali (9.11m high)	- - - 240 120	LM Item No. LM LM LM	s s s s	1,120.00 4,480.00 7,840.00	\$ \$ \$ \$ \$ \$	268,800.00 537,600.00	placed every 50m (roads) to one side. Rate includes for electrical lighting conduits Excluded Excluded Up to 2m high Up to 2m high Up to 11m high Up to 11m high
DELIVERY Fees		8.1 8.2 SERVIC 9.1	8.1.1 8.1.2 Retainin 8.2.1 8.2.2 8.2.3 8.2.4 ES Services	Street lighting (incl. lighting conduits) Speed cameras Speed bumps walls Retaining wall (0-2m high) Retaining wall (3-5m high) Retaining wall (4-5m high) Retaining wall (4-5m high) Retaining wall (4-5m high) Retaining wall (4-5m high)	- - - 240 120	LM Item No. LM LM LM LM	s s s s s s s	1,120.00 4,480.00 7,840.00	s s s s s	268,800.00 537,600.00	placed every 50m (roads) to one side. Rate includes for electrical lighting conduits Excluded Excluded Excluded Up to 2m high Up to 2m high Up to 11m high Up to 11m high Excluded Exc
Fees 3.25% Item \$ 129,483.35 10.1 Council Fees 3.25% Item \$ 198,841.03 10.2 VicRoads Fees 1.00% Item \$ 38,841.03 10.3 TarRic Management 5.00% Item \$ 19,200.56 10.4 Environmental Management 0.50% Item \$ 19,200.52 10.5 Supervision & Project Management 9.00% Item \$ 19,203.52 10.6 Supervision & Project Management 9.00% Item \$ 368,589.25 10.7 Size Establishment 2.25% Item \$ 98,602.56 10.8 Contingency 15.00% Item \$ 99,615.15 SUB-TOTAL DELIVERY		8.1 8.2 SERVIC 9.1	8.1.1 8.1.2 Retainin 8.2.1 8.2.2 8.2.3 8.2.4 ES Services	Street lighting (incl. lighting conduits) Speed cameras Speed bumps walls Retaining wall (0-2m high) Retaining wall (3-5m high) Retaining wall (4-5m high) Retaining wall (4-5m high) Retaining wall (4-5m high) Retaining wall (4-5m high)	240 120 80	LM Item No. LM LM LM LM Allow.	s	1,120.00 4,480.00 7,840.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	268,800.00 537,600.00 627,200.00	placed every 50m (roads) to one side. Rate includes for electrical lighting conduits Excluded Excluded Excluded Up to 2m high Up to 2m high Up to 11m high Up to 11m high Excluded Exc
Fees 3.25% Item \$ 129,483.35 10.1 Council Fees 3.25% Item \$ 198,841.03 10.2 VicRoads Fees 1.00% Item \$ 38,841.03 10.3 TarRic Management 5.00% Item \$ 19,200.56 10.4 Environmental Management 0.50% Item \$ 19,200.52 10.5 Supervision & Project Management 9.00% Item \$ 19,203.52 10.6 Supervision & Project Management 9.00% Item \$ 368,589.25 10.7 Size Establishment 2.25% Item \$ 98,602.56 10.8 Contingency 15.00% Item \$ 99,615.15 SUB-TOTAL DELIVERY		8.1 8.2 SERVIC 9.1	8.1.1 8.1.2 Retainin 8.2.1 8.2.2 8.2.3 8.2.4 ES Services	Street lighting (incl. lighting conduits) Speed cameras Speed bumps walls Retaining wall (0-2m high) Retaining wall (3-5m high) Retaining wall (4-5m high) Retaining wall (4-5m high) Retaining wall (4-5m high) Retaining wall (4-5m high)	240 120 80	LM Item No. LM LM LM LM Allow.	s	1,120.00 4,480.00 7,840.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	268,800.00 537,600.00 627,200.00	placed every 50m (roads) to one side. Rate includes for electrical lighting conduits Excluded Excluded Excluded Up to 2m high Up to 2m high Up to 11m high Up to 11m high Up to 11m high Excluded
10.2 VicRoads Fees	9	8.1 8.2 SERVIC 9.1 9.2	8.1.1 8.1.2 Retainin 8.2.1 8.2.2 8.2.3 8.2.4 ES Services	Street lighting (incl. lighting conduits) Speed cameras Speed bumps walls Retaining wall (0-2m high) Retaining wall (3-5m high) Retaining wall (4-5m high) Retaining wall (4-5m high) Retaining wall (4-5m high) Retaining wall (4-5m high)	240 120 80	LM Item No. LM LM LM LM Allow.	s	1,120.00 4,480.00 7,840.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	268,800.00 537,600.00 627,200.00	placed every 50m (roads) to one side. Rate includes for electrical lighting conduits Excluded Excluded Excluded Up to 2m high Up to 2m high Up to 11m high Up to 11m high Up to 11m high Excluded
10.3 Traffic Management 5.00% Item \$ 199.205.15 10.4 Environmental Management 0.50% Item \$ 199.205.25 10.5 Survey & Design 5.00% Item \$ 199.205.16 10.6 Supervision & Project Management 9.00% Item \$ 199.205.16 10.7 Site Establishment 2.50% Item \$ 99.602.25 10.8 Contingency 5.00% Item \$ 99.602.25 10.8 Contingency 5.00% Item \$ 99.602.25 10.8 Contingency 5.00% Item \$ 99.602.25 1.843,442.25	9	8.1 8.2 SERVIC 9.1 9.2	8.1.1 8.1.2 Retainin 8.2.1 8.2.2 8.2.3 8.2.4 ES Services Services	Street lighting (incl. lighting condults) Speed cameras Speed bumps yearlies Retaining wall (0-2m high) Retaining wall (0-5m high) Retaining wall (6-5m high) Retaining wall (6-5m high) Retaining wall (6-1 m high) Refocation	240 120 80 SUB TOTAL -	LM Item No. LM LM LM LM LM Allow.	s	1,120.00 4,480.00 7,840.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	268,800.00 537,600.00 627,200.00	includes for electrical lighting conduits Excluded Excluded Up to 2m high Up to 5m high Up to 1m high Excluded
10.4 Environmental Management 0.50% Item \$ 19,920.52 10.5 Survey & Design 5.00% Item \$ 199,005.16 10.6 Supervision & Project Management 9.00% Item \$ 356,569.28 10.7 Site Establishment 2.50% Item \$ 96,002.58 10.8 Contingency 15.00% Item \$ 507,815.47 SUB-TOTAL DELIVERY \$ 1,643,442.55	9	8.1 8.2 SERVIC 9.1 9.2 DELIVE	8.1.1 8.1.2 Retainin 8.2.1 8.2.2 8.2.3 8.2.4 ES Services Services	Street lighting (incl. lighting conduits) Speed cameras Speed bumps y walls Retaining wall (0-2m high) Retaining wall (6-5m high) Retaining wall (6-5m high) Retaining wall (6-5m high) Retaining wall (6-11m high) Retocation Protection	240 120 80 .: SUB TOTAL -	LM Item No. LM LM LM LM LM AllowWORKS	s	1,120.00 4,480.00 7,840.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	268,800.00 537,500.00 627,200.00	placed every 50m (roads) to one side. Rate includes for electrical lighting conduits Excluded Excluded Excluded Up to 2m high Up to 2m high Up to 11m high Up to 11m high Excluded Exc
10.5 Survey & Design S. 00% Item \$199.205.16 10.6 Supervision & Project Management 9.00% Item \$385.699.28 10.7 Site Establishment 2.50% Item \$99.602.58 10.8 Contingency 15.00% Item \$99.602.58 SUB-TOTAL DELIVERY \$1,643,442.55	9	8.1 8.2 SERVIO 9.1 9.2 DELIVE	8.1.1 Retainin 8.2.1 8.2.2 Retainin 8.2.1 8.2.3 8.2.3 8.2.4 ES Services Services	Street lighting (incl. lighting condults) Speed cameras Speed burps wells Retaining wall (0-2m high) Retaining wall (0-5m high) Retaining wall (6-5m high) Retaining wall (6-5m high) Retaining wall (6-1 m high) Retaining wall (6-1 m high) Fees Speed cameras Speed ca	240 120 80 SUB TOTAL - 3.25%	LM Item No. LM LM LM LM LM Allow. Allow.	s	1,120.00 4,480.00 7,840.00	\$ \$\$ \$	268,800,00 537,600,00 627,200,00 3,984,103,16	placed every 50m (roads) to one side. Rate includes for electrical lighting conduits Excluded Excluded Excluded Up to 2m high Up to 2m high Up to 11m high Up to 11m high Up to 11m high Excluded
10.7 Site Establishment 2.50% Item \$ 98.602.58 10.8 Contingency 15.00% Item \$ 98.602.58 SUB-TOTAL DELIVERY \$ 1,643,442.55	9	8.1 8.2 SERVIC 9.1 9.2 DELIVE 10.1 10.2 10.3 10.4	8.1.1 8.1.2 Retainin 8.2.1 8.2.2 8.2.3 8.2.3 8.2.4 EES Services Services RY Fees Council I VicRoad Traffic N Environr	Street lighting (incl. lighting conduits) Speed cameras Speed turps Speed tur	240 120 80 SUB TOTAL - 3.25%, 1.00%, 5.00%,	LM Item No. LM LM LM LM LM - LM	s	1,120.00 4,480.00 7,840.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	268,800.00 537,600.00 627,200.00 	placed every 50m (roads) to one side. Rate includes for electrical lighting conduits Excluded Excluded Excluded Up to 2m high Up to 2m high Up to 11m high Up to 11m high Up to 11m high Excluded
10.8 Contingency 15.00% Item \$ 597.815.47 SUB-TOTAL DELIVERY \$ 1,643,442.55	9	8.1 8.2 SERVIO 9.1 9.2 DELIVE 10.1 10.2 10.3 10.4 10.5	8.1.1 8.1.2 Retainin 8.2.1 8.2.2 8.2.3 8.2.4 EES Services RY Fees Council VicRoad Traffic N Environr	Street lighting (incl. lighting conduits) Speed cameras Speed bumps yeals Retaining wall (0-2m high) Retaining wall (0-5m high) Retaining wall (3-5m high) Letting wall (3-5m	240 120 80 SUB TOTAL - 3.25%, 1.00%, 5.05%, 5.05%,	LM Item No. LM LM LM LM LM - LM LM LM LM LIM LIM LIM LIM LIM LIM LIM	s	1,120.00 4,480.00 7,840.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	268,800.00 537,600.00 627,200.00 129,483.35 39,841.03 199,205.16 19,92.05.2	placed every 50m (roads) to one side. Rate includes for electrical lighting conduits Excluded Excluded Excluded Up to 2m high Up to 2m high Up to 11m high Up to 11m high Up to 11m high Excluded
	9	8.1 8.2 SERVIC 9.1 9.2 DELIVE 10.1 10.2 10.3 10.4 10.5	8.1.1 8.1.2 Retainin 8.2.1 8.2.2 8.2.3 8.2.4 ES Services Services RY Fees Council I VicRoad Traffic M Environr Survey & Supervise	Street lighting (incl. lighting conduits) Speed cameras Speed bumps Speed bumps Retaining wall (0-2m high) Retaining wall (3-5m high) Retaining wall (6-9m high) Retaining wall (6-9m high) Retaining wall (6-9m high) Retaining wall (6-11m high) Felocation Protection Felocation Folia Feloca	240 120 80 SUB TOTAL - 3.26% 1.00% 0.50% 9.00%	LM Item No. LM LM LM LM LM LM LM LM LM LIM LIM LIM	s	1,120.00 4,480.00 7,840.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	268,800.00 537,600.00 627,200.00 129,483.35 39,841.03 199,205.16 19,920.52 199,205.16	placed every 50m (roads) to one side. Rate includes for electrical lighting conduits Excluded Excluded Excluded Up to 2m high Up to 2m high Up to 11m high Up to 11m high Up to 11m high Excluded
	9	8.1 8.2 SERVIC 9.1 9.2 DELIVE 10.1 10.2 10.3 10.4 10.5 10.6	8.1.1 8.1.2 Retainin 8.2.1 8.2.2 8.2.3 8.2.4 ES Services Services RY Fees Council I VicRoad Traffic M Environn Survey & Supervis Site Ests Site Ests	Street lighting (incl. lighting condults) Speed cameras Speed bumps yeals Retaining wall (0-2m high) Retaining wall (0-3m high) Retaining wall (8-5m high) Retaining wall (8-5m high) Retaining wall (8-5m high) Retaining wall (9-1 m high) Retaining wall (9-1 m high) Fees Fees Fees Fees Fees Fees Independent Independ	240 120 80 120 80 SUB TOTAL 3.25% 1.00% 5.00% 6.50% 6.50% 6.50% 2.50%	LM Item No. LM LM LM LM Allow WORKS	s	1,120.00 4,480.00 7,840.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	268,800.00 537,600.00 627,200.00 129,483.35 39,841.03 199,205.16 199,20.52 199,205.16 558,569.28 99,602.88	placed every 50m (roads) to one side. Rate includes for electrical lighting conduits Excluded Excluded Excluded Up to 2m high Up to 2m high Up to 11m high Up to 11m high Excluded Exc
	9	8.1 8.2 SERVIC 9.1 9.2 DELIVE 10.1 10.2 10.3 10.4 10.5 10.6	8.1.1 8.1.2 Retainin 8.2.1 8.2.2 8.2.3 8.2.4 ES Services Services RY Fees Council I VicRoad Traffic M Environn Survey & Supervis Site Ests Site Ests	Street lighting (incl. lighting condults) Speed cameras Speed bumps yeals Retaining wall (0-2m high) Retaining wall (0-3m high) Retaining wall (8-5m high) Retaining wall (8-5m high) Retaining wall (8-5m high) Retaining wall (9-1 m high) Retaining wall (9-1 m high) Fees Fees Fees Fees Fees Fees Independent Independ	240 120 80 SUB TOTAL - 1.00% 5.00% 5.00% 5.00% 9.00% 2.50% 15.00%	LM Item No. LM LM LM LM LM LM LM LIM LM LIM LIM LI	\$ \$\$ \$ \$\$ \$\$	1,120.00 4,480.00 7,840.00 11,200.00	\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	268,800,00 537,600,00 627,200,00 3,984,103,16 129,483,35 39,841,03 199,205,16 19,920,5 19,205,5 99,602,58 597,615,47	placed every 50m (roads) to one side. Rate includes for electrical lighting conduits Excluded Excluded Excluded Up to 2m high Up to 2m high Up to 11m high Up to 11m high Excluded Exc
	9	8.1 8.2 SERVIC 9.1 9.2 DELIVE 10.1 10.2 10.3 10.4 10.5 10.6	8.1.1 8.1.2 Retainin 8.2.1 8.2.2 8.2.3 8.2.4 ES Services Services RY Fees Council I VicRoad Traffic M Environn Survey & Supervis Site Ests Site Ests	Street lighting (incl. lighting condults) Speed cameras Speed bumps yeals Retaining wall (0-2m high) Retaining wall (0-3m high) Retaining wall (8-5m high) Retaining wall (8-5m high) Retaining wall (8-5m high) Retaining wall (9-1 m high) Retaining wall (9-1 m high) Fees Fees Fees Fees Fees Fees Independent Independ	240 120 80 SUB TOTAL - 1.00% 5.00% 5.00% 5.00% 9.00% 2.50% 15.00%	LM Item No. LM LM LM LM LM LM LM LIM LM LIM LIM LI	\$ \$\$ \$ \$\$ \$\$	1,120.00 4,480.00 7,840.00 11,200.00	\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	268,800,00 537,600,00 627,200,00 3,984,103,16 129,483,35 39,841,03 199,205,16 19,920,5 19,205,5 99,602,58 597,615,47	placed every 50m (roads) to one side. Rate includes for electrical lighting conduits Excluded Excluded Excluded Up to 2m high Up to 2m high Up to 11m high Up to 11m high Up to 11m high Excluded

20220207 3136206 - PMD - Cost Estimates xisx SS-BR4 20220207 3136206 - PMD - Cost Estimates.xlsx LR-RD2-03a

\$ 17,245,695.56



Jacksons Creek Crossing LR-RD-02-03B Approx. length: 191m (excl. intersections and bridges)

			Description		Quantity	Unit		Rate		Amount	Comments
	WORKS			•			_				•
1		RKS AND	EARTHWORKS								
	1.1	Pre-cons			6.494	m2	s			35,067.60	
	1.2	1.1.1 Earthwo	Demolition and site preparation ks		6,494	m2	\$	5.40	\$	35,067.60	
		1.2.1	Cut and disposal		24,526	m3	\$	55.00		1,348,911.37	With 10% additional factor
		1.2.2	Fill Cut to fill			m3 m3	\$ \$	37.80 70.00	\$		
	1.3	Set-Out									
		1.3.1	Allow for site set out		1	Item	\$	12,500.00	\$	12,500.00	
2	ROAD F	AVEMEN	r								
	2.1	New Pay	ement								
		211	Road pavement - Traffic lanes		2.216	m2	s	156.60		346 962 96	Includes pavement to Traffic lane (3.5m) a parking bay (2.3m) to both sides total widt
		2	roda parement Transcares		2,210		•	100.00	•	040,002.00	(11.6m)
	2.2	Rehabilir 2 2 1	ate Existing Pavement Pavement profiling and reshaping			Allow			s		Have assumed all new works.
						ruiow.	•		•		The disserted at the works.
3	CONCR 3.1	ETE WOR	KS I Channel								
		3.1.1	Kerb and channel		764	LM	\$	48.60	\$	37,130.40	
	3.2	Pedestri	an & Cycle Paths								
		3.2.1	Pedestrian footpath		764	m2	\$	59.00	\$	45,076.00	Pedestrian path to both sides of proposed
											rous cour (2.011) wide. Fotal spair (4.011)
		3.2.2	Cycle pathway		649	m2	\$	66.00	\$	42,860.40	Cycle path to both sides of proposed road each (1.7m wide). Total span (3.4m) wide
			Shared pathway		-	m2	\$	66.00	\$	-	Assumed not included in LR-RD2
	3.3	Median	•								Assume median (6.0m) to be leveled and
			Median (Levelled ground)		1,146	m2	\$	32.40	\$	37,130.40	Assume median (6.0m) to be levelled soil landscaping assumed
4	DRAINA 4.1		Di								-
	4.1	Drainage 4.1.1	Stormwater drainage (300mm DIA)		51	LM	S	216.00	S	11.001.60	
		4.1.2	Stormwater drainage (450mm DIA)		191	LM	\$	260.00	\$	49,660.00	
		4.1.3	Stormwater drainage (525mm DIA) Drainage, sub grade drain		382	LM LM	\$	383.50 54.00	\$	20 628 00	Inclusive of subsoil drainage
	4.2	Drainage	- Pits								
	4.3	4.2.1	Side entry pits - WSUD		5	No. Allow.	\$	2,700.00 1,500.00		13,752.00 7,640.00	Assumed spacing of 75m
	4.4	Drainage	- Miscellaneous		-	No.	\$	- 1,300.00	\$	7,040.00	Assumed none.
5	TRAFFI										
5	5.1	Traffic S	gnals								
		5.1.1	Traffic signals (incl. conduit subset)		-	LM.	\$	-	\$	-	Excluded
	5.2	Traffic S									Includes fixed signage, guide posts, line
		5.2.1	Line marking and Traffic Signage		191	LM	\$	32.00	\$	6,112.00	markings, traffic safety
6	LANDS	CAPE									
	6.1	Trees									
	6.2	6.1.1 Landsca	Tree planting (2-2.5m tall)		2	Item	\$	350.00	\$	700.00	Allowance only
	0.2	6.2.1	Tube stock plantings		1,719	m2	\$	3.00	\$	5,157.00	Allowance of 2 per m2 to nature strip
		6.2.2	Nature strip		1,719	m2	\$	10.00	\$	17,190.00	Topsoiling and seeding of nature strips (4 to both sides. Total (9.0m) wide
7		LIGHTIN	3								to both sides. Forth (5.011) wide
	7.1	Street Li	ghting								
											Assume install poles 12m high with luming
		7.1.1	Street lighting (incl. lighting conduits)		4	No.	\$	12,500.00	3	47,750.00	placed every 50m (roads) to one side. Ra includes for electrical lighting conduits
						LM	\$		\$		
8		LANEOUS								-	
	8.1	8.1.1 8.1.2	Speed cameras Speed bumps		-	Item No.	\$		\$	-	Excluded Excluded
	8.2	Retainin	walls								
		8.2.1 8.2.2	Retaining wall (0-2m high)		120 120	LM	\$ S	1,120.00 4.480.00	\$	134,400.00	Up to 2m high Up to 5m high
		8.2.2 8.2.3	Retaining wall (3-5m high) Retaining wall (6-8m high)		120 120	LM	\$	4,480.00 7,840.00	\$		Up to 5m high Up to 8m high
		8.2.4	Retaining wall (9-11m high)		.20	LM		11,200.00	\$	-	Up to 11m high
9	SERVIC	FS									
9	SERVIC 9.1	Services	Relocation		-	Allow.	\$	-	\$	-	Excluded
9	9.1 9.2	Services	Relocation Protection		-	Allow. Allow.	\$ \$:	\$	-	Excluded Excluded
9	9.1	Services	Relocation Protection		SUB TOTAL	Allow.	\$:	\$ \$	3.698.029.73	
	9.1 9.2	Services Services	Relocation Protection		SUB TOTAL	Allow.	\$:	\$	3,698,029.73	
	9.1	Services Services	Relocation Protection		SUB TOTAL	Allow.	\$	-	\$	3,698,029.73	
	9.1 9.2	Services Services	Protection		SUB TOTAL	Allow.	\$:	\$	3,698,029.73	
	9.1 9.2 DELIVE 10.1 10.2	Services Services RY Fees Council	Protection Fees Fees		3.25% 1.00%	Allow. WORKS	\$:	\$ \$ \$ \$	120,185.97 36,980.30	
	9.1 9.2 DELIVE 10.1 10.2 10.3	RY Fees Council VicRoad Traffic N	Protection Fees 1 Fees anagement		3.25% 1.00% 5.00%	Allow. WORKS Item Item Item Item	\$:	\$ \$ \$ \$	120,185.97 36,980.30 184.901.49	
	9.1 9.2 DELIVE 10.1 10.2 10.3 10.4 10.5	RY Fees Council VicRoad Traffic N Environr Survey 8	Protection Fees s Fees anagement nental Management Design		3.25% 1.00% 5.00% 0.50% 5.00%	Item Item Item Item Item Item Item	\$:	\$ \$ \$ \$ \$	120,185.97 36,980.30 184,901.49 18,490.15 184,901.49	
	9.1 9.2 DELIVE 10.1 10.2 10.3 10.4 10.5 10.6	RY Fees Council VicRoad Traffic M Environr Survey & Supervis	Protection Fees Fees anagement mental Management Design on & Project Management		3.25% 1.00% 5.00% 0.50% 5.00% 9.00%	Item Item Item Item Item Item Item Item	\$:	\$ \$ \$ \$ \$ \$	120,185.97 36,980.30 184,901.49 18,490.15 184,901.49 332,822.68	
	9.1 9.2 DELIVE 10.1 10.2 10.3 10.4 10.5	RY Fees Council I VicRoad Traffic N Environ Survey & Supervis Site Esta	Frees Fees Fees Frees Design on & Project Management		3.25% 1.00% 5.00% 0.50% 5.00%	Item Item Item Item Item Item Item	\$:	\$ \$ \$ \$ \$	120,185.97 36,980.30 184,901.49 18,490.15 184,901.49	
	9.1 9.2 DELIVE 10.1 10.2 10.3 10.4 10.5 10.6 10.7	RY Fees Council VicRoad Traffic M Environr Survey & Supervis	Frees Fees Fees Frees Design on & Project Management		3.25% 1.00% 5.00% 0.50% 5.00% 9.00% 2.50%	Item Item Item Item Item Item Item Item	\$:	\$ \$ \$ \$ \$ \$ \$ \$	120,185.97 36,980.30 184,901.49 18,490.15 184,901.49 332,822.68 92,450.74	
	9.1 9.2 DELIVE 10.1 10.2 10.3 10.4 10.5 10.6 10.7	RY Fees Council I VicRoad Traffic N Environ Survey & Supervis Site Esta	Frees Fees Fees Frees Design on & Project Management		3.25% 1.00% 5.00% 0.50% 5.00% 9.00% 2.50% 15.00%	Item Item Item Item Item Item Item Item	\$		\$ \$ \$ \$ \$ \$ \$ \$ \$	120,185.97 36,980.30 184,901.49 18,4901.5 184,901.49 332,822.68 92,450.74 554,704.46	
	9.1 9.2 DELIVE 10.1 10.2 10.3 10.4 10.5 10.6 10.7	RY Fees Council I VicRoad Traffic N Environ Survey & Supervis Site Esta	Frees Fees Fees Frees Design on & Project Management	TOTAL ESTIMA	3.25% 1.00% 5.00% 0.50% 5.00% 9.00% 2.50% SUB-TOTAL D	Item Item Item Item Item Item Item Item	\$:	\$ \$ \$ \$ \$ \$ \$ \$ \$	120,185.97 36,980.30 184,901.49 18,4901.5 184,901.49 332,822.68 92,450.74 554,704.46	

Balbethan Drive LR-RD-03 Approx. Length 470m (ex.intersection and bridges)

ltem		Descripti	Quantity	Unit		Rate		Amount	Comments
	WORKS		•						
1	SITEWO	RKS AND EARTHWORKS							
	1.1	Pre-construction 1.1.1 Demolition and site preparation	15,892	m2	\$	5.40	\$	85,816.80	
	1.2	Earthworks		m3	s	55.00			
		1.2.1 Cut and disposal 1.2.2 Fill	1,939	m3	\$	37.80		73,300.01	With 10% additional factor
	1.3	1.2.3 Cut to fill Set-Out	3,202	m3	\$	70.00	\$	224,131.34	With 10% additional factor
		1.3.1 Allow for site set out	1	Item	\$	12,500.00	\$	12,500.00	
2	ROAD P	AVEMENT New Pavement							
	2.1	New Pavement							Includes pavement to Traffic lane (3.5m) ar
		2.1.1 Road pavement - Traffic lanes	5,264	m2	\$	156.60	\$	824,342.40	parking bay (2.1m) to both sides total width
	22	Rehabilitate Existing Pavement							(11.2m)
		2.2.1 Pavement profiling and reshaping	-	Allow.	\$	-	\$	-	Assume all new works.
3	CONCR 3.1	ETE WORKS Kerb and Channel							
	3.1	3.1.1 Kerb and channel	940	LM	\$	48.60	s	45,684.00	Kerb and channel to both sides of each train
	3.2	Pedestrian & Cycle Paths	540	L.	•	40.00	•	40,004.00	lane
			1.410	m2	s	59.00		00 100 00	Pedestrian path to both sides of proposed reach (1.5m) wide. Total span (3.0m) wide
		3.2.1 Pedestrian footpath	1,410	m2	3	59.00	\$	83,190.00	each (1.5m) wide. Total span (3.0m) wide
		3.2.2 Cycle pathway	1,410	m2	\$	66.00	•	93.060.00	Two way Cycle path. Total span (3m) wide
		O.L.L Cycle pathway	1,410	1112	φ	00.00	φ	55,000.00	Tho may bytile pain. Total spain (SIII) Wide
		3.2.3 Shared pathway	-	m2	\$	66.00	\$	-	Assumed not included in LR-RD3
	3.3	Median strip			_	e			
4	DRAINA	3.3.1 Median (Levelled ground) GE	-	m2	\$	32.40	\$	-	Assumed not included in LR-RD3
	4.1	Drainage - Pipes							
		4.1.1 Stormwater drainage (300mm DIA 4.1.2 Stormwater drainage (450mm DIA	125 470	LM LM	\$	216.00 260.00		27,072.00 122.200.00	
		4.1.3 Stormwater drainage (525mm DIA	- 940	LM LM	\$	383.50	\$	50,760.00	
	4.2	4.1.4 Drainage, sub grade drain Drainage - Pits	940	LM	\$	54.00	\$	50,760.00	
	4.3	Drainage - Pits 4.2.1 Side entry pits Drainage - WSUD	13 13	No. Allow.	\$	2,700.00		33,840.00 18.800.00	Assumed spacing of approx. 75m
	4.4	Drainage - WSOD Drainage - Miscellaneous	- 13	No.	\$	1,500.00	\$	10,000.00	Assumed none.
	TRAFFI								
,	5.1	Traffic Signals							
	5.2	 Traffic signals (incl. conduit subset Traffic Safety 	-	LM.	\$		\$	-	
	0.2	5.2.1 Line marking and Traffic Signage	470	LM	\$	32.00	s	15 040 00	Includes fixed signage, guide posts, line
									markings, traffic safety
6	LANDS	CAPE Trees							
	6.1	6.1.1 Tree planting (2-2.5m tall)	10	No.	\$	350.00	\$	3,500.00	Allowance only
	6.2	Landscaping 6.2.1 Tube stock plantings	7,990	m2	\$	3.00		22.070.00	Allowance of 2 per m2 to nature strip
		6.2.2 Nature strip	7,990	m2	\$	10.00		70,000,00	Topsoiling and seeding of nature strips, varying in widths
7	STREET	LIGHTING	1,550	IIIZ	φ	10.00	Ψ	75,500.00	varying in widths
•	7.1	Street Lighting							
									Assume install poles 12m high with luminar
		7.1.1 Street lighting (incl. lighting conduit	9	No.	\$	12,500.00	\$	117,500.00	placed every 50m (roads) to one side. Rate includes for electrical lighting conduits
									includes for electrical lighting conduits
8	MISCEL	LANEOUS							
-	8.1	8.1.1 Speed cameras	-	Item	\$	-	\$	-	Excluded
		8.1.2 Speed bumps	•	No.	\$	-	\$	-	Excluded
	8.2	Retaining walls			_				A
		8.2.1 Retaining wall	•	LM	\$	-	\$	-	Assume no retaining walls to LR-RD3
	SERVIC 9 1	ES Services Relocation		Allow	_				Excluded
9		Services Relocation Services Protection	-	Allow. Allow.	\$		\$		Excluded Excluded
9	9.2		SUB TOTAL	Wob		_	•	4 00 4 00 5	
9	9.2			- WURKS			\$	1,934,606.55	
9	9.2		000 10172						
	9.2 DELIVE		335 101/12						
	DELIVE	Fees		Item			s	62.874 71	
	10.1 10.2	Fees Council Fees VicRoads Fees	3.25% 1.00%	Item Item			\$	62,874.71 19,346.07	
	DELIVE 10.1	Fees Council Fees VicRoads Fees Traffic Management	3.25%	Item Item			\$	19,346.07 96,730.33	
	10.1 10.2 10.3 10.4 10.5	Fees Council Fees VicRoads Fees Traffic Management Environmental Management Survey & Design	3.25% 1.00% 5.00% 0.50% 5.00%	Item Item Item Item			\$ \$	19,346.07 96,730.33 9,673.03 96,730.33	
	10.1 10.2 10.3 10.4 10.5 10.6	Fees Council Fees VicRoads Fees Traffic Management Environmental Management Survey & Design Supervision & Project Management	3.25% 1.00% 5.00% 0.50% 5.00% 9.00%	Item Item Item Item			\$ \$ \$ \$	19,346.07 96,730.33 9,673.03 96,730.33 174,114.59	
	10.1 10.2 10.3 10.4 10.5	Fees Council Fees VicRoads Fees Traffic Management Environmental Management Survey & Design	3.25% 1.00% 5.00% 5.00% 5.00% 9.00% 2.50% 15.00%	Item Item Item Item Item Item			555555	19,346.07 96,730.33 9,673.03 96,730.33 174,114.59 48,365.16 290,190.98	
	10.1 10.2 10.3 10.4 10.5 10.6 10.7	Fees VicRoads Fees VicRoads Fees Traffic Management Environmental Management Survey & Design Supervision & Project Management Site Establishment	3.25% 1.00% 5.00% 0.50% 5.00% 9.00% 2.50%	Item Item Item Item Item Item			\$ \$ \$ \$ \$	19,346.07 96,730.33 9,673.03 96,730.33 174,114.59 48,365.16	
	10.1 10.2 10.3 10.4 10.5 10.6 10.7	Fees VicRoads Fees VicRoads Fees Traffic Management Environmental Management Survey & Design Supervision & Project Management Site Establishment	3.25% 1.00% 5.00% 5.00% 5.00% 9.00% 2.50% 15.00%	Item Item Item Item Item Item	•		555555	19,346.07 96,730.33 9,673.03 96,730.33 174,114.59 48,365.16 290,190.98	

20220207 3136206 - PMD - Cost Estimates.xlsx 20220207 3136206 - PMD - Cost Estimates.xlsx LR-RD3 LR-RD2-03b

Ex Stockwell Drive Upgrade LR-RD-04 Approx. length: 738m

tem			Description		Quantity	Unit		Rate		Amount	Comments
	WORKS										
1		Pre-cons	EARTHWORKS								
	1.1		Demolition and site preparation		18,450	m2	\$	5.40	c	99,630.00	Assuming pavement composition depth 650mm deep including fill
	1.2	Earthwor			10,430	IIIZ	Ф	5.40	3	99,630.00	650mm deep including fill
	1.2	1.2.1	Cut and disposal		7,077	m3	\$	55.00	\$	389,258.10	With 10% additional factor
		1.2.2	Fill			m3	\$	37.80	\$	-	
	1.3	1.2.3 Set-Out	Cut to fill			m3	\$	70.00	\$	-	
	1.3	1.3.1	Allow for site set out		1	Item	S	12,500.00	S	12,500.00	
							-	,	Ť	12,000	
2	ROAD P	New Pav	omont								
	2.1	IVOW F av	ement								Includes pavement to Traffic lane (3.5m)
		2.1.1	Road pavement - Traffic lanes		8,266	m2	\$	156.60	s	1,294,392.96	parking bay (2.1m) to both sides total wid
											(11.2m)
	2.2	Rehabilit	ate Existing Pavement Pavement profiling and reshaping			Allow.	s		s	_	Have assumed all new works.
			T dverrient proming and reunaping			, moss.	•		•		riave assumed an new works.
3		TE WOR									
	3.1	Kerb and	Channel		1.476	LM	S	40.00		71.733.60	
	3.2	3.1.1 Pedestria	Kerb and channel in & Cycle Paths		1,476	LM	\$	48.60	\$	/1,/33.60	
			Pedestrian footpath		2,214	m2	\$	59.00	s	130,626.00	Pedestrian path to both sides of propose
		J.Z. I	- coconan toopan		2,214	1112	φ	38.00	9	130,020.00	each (1.5m) wide. Total span (3m) wide
		3.2.2	Cycle pathway		2,214	m2	\$	66.00	\$	146,124.00	Cycle path on one side of the road (3m) v
		3.2.3	Shared pathway		-	m2	\$	66.00	\$	-	Assumed not included in LR-RD2
	3.3	Median s	trip								
		3.3.1	Median (Levelled ground)			m2	\$	32.40	\$	-	Assumed none
4	DRAINA 4.1	GE Drainage	- Pines								
	4.1	4.1.1	Stormwater drainage (300mm DIA)		197	LM	\$	216.00	\$	42,508.80	
		4.1.2	Stormwater drainage (450mm DIA)		517	LM	\$	260.00	\$	134,316.00	
		4.1.3	Stormwater drainage (525mm DIA)		221	LM	\$	383.50	\$	84,906.90	
	4.2	4.1.4 Drainage	Drainage, sub grade drain		1,476	LM	\$	54.00	\$	79,704.00	Inclusive of subsoil drainage
		4.2.1	Side entry pits		20	No.	\$	2,700.00	\$	53,136.00	Assumed spacing of 75m
	4.3	Drainage	- WSUD		20	Allow.	\$	1,500.00		29,520.00	
	4.4	Drainage	- Miscellaneous		-	No.	\$	-	\$	-	Assumed none.
5	TRAFFIC	;									
	5.1	Traffic Si	gnals								
	5.2	5.1.1 Traffic Sa	Traffic signals (incl. conduit subset)		-	LM.	\$	-	\$	-	Excluded
	5.2				738	LM	s	32.00	•	23.616.00	Includes fixed signage, guide posts, line
		5.2.1	Line marking and Traffic Signage		738	LM	>	32.00	3	23,616.00	markings, traffic safety
6	LANDSC	APF									
-	6.1	Trees									
			Tree planting (2-2.5m tall)		14	Item	\$	350.00	\$	4,900.00	Allowance only
	6.2	Landscap	Tube stock plantings		5,756	m2	\$	3.00	S	17 269 20	Allowance of 2 per m2 to nature strip
			Nature strip		5,756	m2	s	10.00		F7.E64.00	Topsoiling and seeding of nature strips to
		LIGHTIN			5,756	1112	Ф	10.00	Þ	57,564.00	sides. Total (7.8m) wide
7		Street Lig									
	7.1	anoer Elf									
		7.1.1	Street lighting (incl. lighting conduits)		15	No.	s	12.500.00	s	184 500 00	Assume install poles 12m high with lumin placed every 50m (roads) to one side. Ra
			ngmang (mor. agriting controlls)		15		φ	.2,000.00	,	104,300.00	includes for electrical lighting conduits
						LM	s		s		
8		LANEOUS									
	8.1	8.1.1	Speed cameras		-	Item	\$	-	\$	-	Excluded
	8.2	8.1.2 Retaining	Speed bumps		-	No.	\$	-	\$	-	Excluded
	0.2	8.2.1	Retaining wall		-	LM	\$	-	\$	-	
9	SERVICI 9.1		Relocation			Allow.	\$		\$		Excluded
		Services	Relocation Protection			Allow.	\$	-	\$:	Excluded Excluded
									_		
					SUB TOTAL -	WORKS	;		\$	2,856,205.56	
	DEI										
10	DELIVE	Eees									
	10.1	Council F	ees		3.25%	Item			\$	92,826.68	
	10.2	VicRoads	Fees		1.00%	Item			\$	28,562.06	
	10.3		anagement		5.00%	Item			\$	142,810.28	
	10.4 10.5	Environm Survey &	ental Management Design		0.50% 5.00%	Item Item			\$ \$	14,281.03 142,810,28	
	10.6	Supervisi	on & Project Management		9.00%	Item			\$	257,058.50	
	10.7		blishment		2.50%	Item			\$	71,405.14	
	10.8	Continge	ncy		15.00%	Item			\$	428,430.83	
					SUB-TOTAL DI	ELIVERY			\$	1,178,184.79	
11				TOTAL ESTIMA					\$	4,034,390.35	1

Lancefield Road/Sunningdale Road Intersection LR-IN-01 (Cross Intersection - Interim)

1			Description	Quant	ity	Unit		Rate		Amount	Comments
1											
	WORKS	RKS AND	EARTHWORKS								
	1.1	Pre-cons	truction								
	12	1.1.1 Earthwor	Demolition and site preparation	16	6,220	m2	\$	5.40	\$	87,588.00	
	1.2		Cut and disposal at specified location	4*	2.974	m3	s	55.00	e	712 570 00	Assuming pavement composition depth tot 650mm deep including fill
		1.2.2		14	1,074	m3	S	37.80		713,370.00	650mm deep including fill
	1.3	Set-Out				IIIS				-	
		1.3.1	Allow for site set out		- 1	Item	\$	12,500.00	\$	12,500.00	
2	ROAD P	AVEMENT New Pay									
		2.1.1	Road pavement - Traffic lanes	16	6,830	m2	\$	156.60	\$	2,635,578.00	Quantity adopted from SMEC detailed desi
	2.2	Rehabilit	ate Existing Pavement								
3	CONCR	2.2.1 TF WOR	Pavement profiling and reshaping		- 1	Allow.	\$	195,436.80	\$	195,436.80	Allowance only
-	3.1	Kerb and									
	3.2		Kerb and channel an & Cycle Paths	1	1,050	LM	\$	48.60	\$		Quantity adopted from SMEC detailed desi
	3.2		Pedestrian footpath		650	m2	s	59.00	e	170 250 00	Quantity adopted from SMEC detailed designed include agreed conclave \$132000
		3.2.1	Pedestrian rootpatri		650	mz	Þ	59.00	3	170,350.00	and includs agreed conclave \$132000
		3.2.2	Cycle pathway		665	m2	\$	66.00	\$	43,890.00	Quantity adopted from SMEC detailed desi
											Attellal todu. Two otti wide ottaled patrio (i
			Shared pathway		800	m2	\$	66.00	\$	52,800.00	sides of the road). Total span (6.0m) wide
	3.3	Median s									
			Median (Levelled ground - no plants)	5	3,556	m2	\$	21.60	\$	76,809.60	Assumed levelled soil, future proofed for planting
4	DRAINA	3E	~								-
	4.1	Drainage 4.1.1	- Pipes Stormwater drainage (300mm DIA)		225	LM	S	416.00	S	93.627.73	
		4.1.2	Stormwater drainage (450mm DIA)		591	LM	\$	560.00	s	330,848.00	
		4.1.3	Stormwater drainage (525mm DIA) Drainage, sub grade drain		253 1.688	LM	\$	683.00 54.00	\$	172,935.60 91,152.00	
	4.2	Drainage	- Pits						•	.,	
	4.3	4.2.1	Side entry pits - WSUD		12 12	No. Allow.	\$	2,700.00 1,500.00	\$	32,400.00 18,000.00	Assumed spacing of approx. 100m
	4.4	Drainage	- Miscellaneous		12	Allow.	Þ	1,500.00	3	10,000.00	
		4.4.1	4 No 900x300 Box Culvert		1	No.		1,318,200.00		1,318,200.00	
5	TRAFFIC	4.4.2	Conclave direction		1	No.	\$	654,918.00	\$	654,918.00	
	5.1	Traffic Si	gnals								
		5.1.1	Traffic signals (incl. conduit subset)		1	Allow.	\$	540,000.00	\$	540,000.00	Rate includes for signals, conduits, pits, footings etc.
	5.2	Traffic S									Includes fixed cianage, guide paste line
		5.2.1	Line marking and Traffic Signage		844	LM	\$	32.00	\$	27,008.00	Includes fixed signage, guide posts, line markings, traffic safety
6	LANDSC	ΔPF									
•	6.1	Trees									
	6.2	6.1.1 Landsca	Tree planting (2-2.5m tall)		16	No.	\$	350.00	\$	5,600.00	Allowance only
	0.2	6.2.1	Tube stock plantings	1	1,512	m2	\$	3.00	\$	4,536.00	Allowance of 2 per m2 to nature strip
		6.2.2	Nature strip	1	1,512	m2	\$	10.00	\$	15,120.00	Allow for total (3m) wide. Topsoiling and seeding of nature strips, varying in widths
7	STREET	LIGHTIN	3								seeding of nature strips, varying in widths
	7.1	Street Li	ghting								
		7.1.1	Street lighting (incl. lighting and it.)				s	12 500 00	e		Assume install poles 12m high with lumina
			Street lighting (incl. lighting conduits)								placed every buttl (roads) to one side. Rati
		7.1.1			17	No.	\$	12,500.00		212,500.00	includes for electrical lighting conduits
		7.1.1			17	No.	\$	12,500.00		212,500.00	includes for electrical lighting conduits
8		ANEOUS			17		Ť	12,500.00		212,500.00	
8	MISCEL 8.1	ANEOUS	Speed cameras		17	Item	\$	12,500.00	s	212,500.00	Excluded
8	8.1	ANEOUS 8.1.1 8.1.2	Speed carneras Speed bumps		17		Ť		s s	212,500.00	
8		8.1.1 8.1.2 Retaining	Speed carneras Speed bumps		:	Item No.	\$		\$	212,500.00	Excluded
8	8.1	ANEOUS 8.1.1 8.1.2	Speed carneras Speed bumps		17	Item	\$			212,500.00	Excluded
8	8.1 8.2 SERVICI	8.1.1 8.1.2 Retaining 8.2.1	Speed cameras Speed bumps g walls		1	Item No.	s s	:	s	:	Excluded Excluded
	8.1 8.2 SERVICE 9.1	8.1.1 8.1.2 Retaining 8.2.1	Speed cameras Speed bumps y walls		:	Item No.	\$	400,000.00	\$ \$	790,000.00	Excluded Excluded Allowance for elec and comms relocations
9	8.1 8.2 SERVICI 9.1 9.2	ANEOUS 8.1.1 8.1.2 Retaining 8.2.1 ES Services Services	Speed cameras Speed bumps g walls		1	Item No.	\$ \$ \$:	\$ \$	790,000.00	Excluded Excluded
	8.1 8.2 SERVICI 9.1 9.2 MAINTE	ANEOUS 8.1.1 8.1.2 Retaining 8.2.1 ES Services Services	Speed cameras Speed bumps walls Relocation Protection		1 1 1	Item No. LM Allow. Allow.	\$ \$ \$	400,000.00	s s s	790,000.00 20,000.00	Excluded Excluded Allowance for elec and comms relocations Allowance only
9	8.1 8.2 SERVICI 9.1 9.2 MAINTE	ANEOUS 8.1.1 8.1.2 Retaining 8.2.1 ES Services Services	Speed cameras Speed bumps y walls		1	Item No. LM	\$ \$ \$	400,000.00	s s s	790,000.00 20,000.00	Excluded Excluded Allowance for elec and comms relocations Allowance only
9	8.1 8.2 SERVICI 9.1 9.2 MAINTE	ANEOUS 8.1.1 8.1.2 Retaining 8.2.1 ES Services Services	Speed cameras Speed bumps walls Relocation Protection		1 1 1	Item No. LM Allow. Allow.	\$ \$ \$	400,000.00	\$ \$ \$ \$	790,000.00 20,000.00 81,000.00	Excluded Excluded Allowance for elec and comms relocations Allowance only
9	8.1 8.2 SERVICI 9.1 9.2 MAINTE	ANEOUS 8.1.1 8.1.2 Retaining 8.2.1 ES Services Services	Speed cameras Speed bumps walls Relocation Protection	SUBTO	1 1 1	Item No. LM Allow. Allow.	\$ \$ \$	400,000.00	s s s	790,000.00 20,000.00	Excluded Excluded Allowance for elec and comms relocations Allowance only
9	8.1 8.2 SERVICI 9.1 9.2 MAINTE 10.1	ANEOUS 8.1.1 8.1.2 Retaining 8.2.1 ES Services Services NANCE 10.1.1	Speed cameras Speed bumps walls Relocation Protection	SUB TO	1 1 1	Item No. LM Allow. Allow.	\$ \$ \$	400,000.00	\$ \$ \$ \$	790,000.00 20,000.00 81,000.00	Excluded Allowance for elec and comms relocations
9	8.1 8.2 SERVICI 9.1 9.2 MAINTE 10.1	Retaining 8.2.1 S Services NANCE 10.1.1	Speed cameras Speed bumps g walls Relocation Protection VicRoads maintenance fee		1 1 1 1 OTAL -	Item No. LM Allow. Allow. No.	\$ \$ \$	400,000.00	\$ \$ \$ \$	790,000.00 20,000.00 81,000.00	Excluded Excluded Allowance for elec and comms relocations Allowance only
9	8.1 8.2 SERVICI 9.1 9.2 MAINTE 10.1	Retaining 8.2.1 Services Services NANCE 10.1.1	Speed cameras Speed bumps y walls Relocation Protection VicRoads maintenance fee	3.259	1 1 1 OTAL -	Item No. LM Allow. Allow. No. WORKS	\$ \$ \$	400,000.00	\$ \$ \$ \$ \$ \$ \$	790,000.00 20,000.00 81,000.00 8,447,397.73	Excluded Excluded Allowance for elec and comms relocations Allowance only
9	8.1 8.2 SERVICI 9.1 9.2 MAINTE 10.1	Retaining 8.2.1 ES Services Services NANCE 10.1.1	Speed cameras Speed bumps g walls Relocation Protection VicRoads maintenance fee	3.259 1.009	1 1 1 1 OTAL -	Item No. LM Allow. Allow. No.	\$ \$ \$	400,000.00	\$ \$ \$ \$ \$ \$ \$ \$	790,000.00 20,000.00 81,000.00 8,447,397.73 274,540.43 84,473.88	Excluded Excluded Allowance for elec and comms relocations Allowance only
9	8.1 8.2 SERVICI 9.1 9.2 MAINTE 10.1 11.1 11.2 11.3 11.4	Retaining 8.2.1 Retaining 8.2.1 Services Services NANCE 10.1.1 RY Fees Council F VicRoad: Traffic M Environa	Speed cameras Speed bumps ywalls Relocation Protection VicRoads maintenance fee	3.259 1.009 5.009 0.509	1 1 1 1 1 OTAL-	Item No. LM Allow. Allow. No. WORKS Item Item Item Item	\$ \$ \$	400,000.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	790,000,00 20,000,00 81,000,00 8,447,397.73 274,540,43 42,73,98,89 42,236,98	Excluded Excluded Allowance for elec and comms relocations Allowance only
9	8.1 8.2 SERVICI 9.1 9.2 MAINTE 10.1 11.1 11.2 11.3 11.4 11.5	Retaining 8.2.1 Services Services Services NANCE 10.1.1 EY Fees Council Tule WicRoad Traffic M Environs Surveys	Speed cameras Speed bumps g walls Relocation Protection VicRoads maintenance fee Fees Fees Fees Fees Fees Fees Fees	3.259 1.009 5.009 0.509 5.009	1 1 1 1 OTAL -	Item No. LM Allow. Allow. No. WORKS	\$ \$ \$	400,000.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	790,000.00 20,000.00 81,000.00 8,447,397.73 274,540.43 84,473.98 42,236.99 42,236.99	Excluded Excluded Allowance for elec and comms relocations Allowance only
9	8.1 8.2 SERVICI 9.1 9.2 MAINTE 10.1 11.2 11.3 11.4 11.5 11.6 11.7	ANEOUS 8.1.1 8.1.2 Retaining 8.2.1 ES Services Services NANCE 10.1.1 EYY Fees Council If VicRoad: Traffic M Environn Survey & Supervis Supervis Site Estat	Speed cameras Speed bumps g walls Relocation Protection VicRoads maintenance fee Fees Fees Fees Fees For the strangement Design on A Project Management	3.259 1.009 5.009 5.009 5.009 9.009 2.509	1 1 1 1 5 T T T T T T T T T T T T T T T	Item No. LM Allow. Allow. No. WORKS	\$ \$ \$	400,000.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	790,000.00 20,000.00 81,000.00 8,447,397.73 274,540.43 84,473.89 42,236.99 42,236.99 760,265.80 211,184.49	Excluded Excluded Allowance for elec and comms relocations Allowance only
9	8.1 8.2 SERVICI 9.1 9.2 MAINTE 10.1 11.1 11.2 11.3 11.4 11.5 11.6	Retaining 8.2.1 Retaining 8.2.1 ES Services Services NANCE 10.1.1	Speed cameras Speed bumps g walls Relocation Protection VicRoads maintenance fee Fees Fees Fees Fees For the strangement Design on A Project Management	3.259 1.009 5.009 5.009 9.009 2.509	1 1 1 1 1 **Total	Item No. LM Allow. No. WORKS	\$ \$ \$	400,000.00	s s s s s s s s s s s s s s s s s s s	790,000.00 20,000.00 81,000.00 8,447,397.73 274,540.43 84,473,99.89 42,2369.89 42,2369.89 211,184.94 1,267,109.66	Excluded Excluded Allowance for elec and comms relocations Allowance only
9	8.1 8.2 SERVICI 9.1 9.2 MAINTE 10.1 11.2 11.3 11.4 11.5 11.6 11.7	ANEOUS 8.1.1 8.1.2 Retaining 8.2.1 ES Services Services NANCE 10.1.1 EYY Fees Council If VicRoad: Traffic M Environn Survey & Supervis Supervis Site Estat	Speed cameras Speed bumps g walls Relocation Protection VicRoads maintenance fee Fees Fees Fees Fees For the strangement Design on A Project Management	3.259 1.009 5.009 5.009 5.009 9.009 2.509	1 1 1 1 1 **Total	Item No. LM Allow. No. WORKS	\$ \$ \$	400,000.00	s s s s s s s s s s s s s s s s s s s	790,000.00 20,000.00 81,000.00 8,447,397.73 274,540.43 84,473.89 42,236.99 42,236.99 760,265.80 211,184.49	Excluded Excluded Allowance for elec and comms relocations Allowance only
9	8.1 8.2 SERVICI 9.1 9.2 MAINTE 10.1 11.2 11.3 11.4 11.5 11.6 11.7	ANEOUS 8.1.1 8.1.2 Retaining 8.2.1 ES Services Services NANCE 10.1.1 EYY Fees Council If VicRoad: Traffic M Environn Survey & Supervis Supervis Site Estat	Speed cameras Speed bumps g walls Relocation Protection VicRoads maintenance fee Fees Fees Fees Fees For the strangement Design on A Project Management	3.259 1.009 5.009 5.009 9.009 2.509	1 1 1 1 1 **Total	Item No. LM Allow. No. WORKS	\$ \$ \$	400,000.00	s s s s s s s s s s s s s s s s s s s	790,000.00 20,000.00 81,000.00 8,447,397.73 274,540.43 84,473,99.89 42,2369.89 42,2369.89 211,184.94 1,267,109.66	Excluded Excluded Allowance for elec and comms relocations Allowance only



Lancefield Road/Rolling Meadows Drive Intersection LR-IN-02 (Cross Intersection - Interim)

Item			Description	Quan	itity	Unit		Rate		Amount	Comments
1	WORKS	RKS AND	EARTHWORKS								
	1.1	Pre-cons	struction Demolition and site preparation		6,600	m2	\$	5.40		89,640.00	
	1.2	Earthwor	rks	1	6,600	m2	\$	5.40	\$		
		1.2.1	Cut and disposal at specified location	1	0,430	m3	\$	55.00	\$	573,650.00	Assuming pavement composition depth total 650mm deep including fill
		1.2.2	Fill		-	m3	\$	37.80	\$	-	COUNTY GEEP INCIDENTS IN
	1.3	Set-Out	Allow for site set out		1	Item	s	12,500.00	s	12,500.00	
2		AVEMENT	г		•	nom	Ψ	12,000.00		12,000.00	
	2.1	New Pav	vement								Includes pavement to Traffic lane (3.5m) and
		2.1.1	Road pavement - Traffic lanes	1	2,878	m2	\$	156.60	\$	2,016,694.80	includes pavement to Traffic lane (3.5m) and parking bay (2.1m) to both sides total width (11.2m)
	2.2		ate Existing Pavement								
3	CONCR	2.2.1 ETE WOR	Pavement profiling and reshaping KS		1	Allow.	\$ 2	201,258.00	\$	201,258.00	Allowance only
	3.1	Kerb and	Channel								0 0 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	3.2	3.1.1 Pedestria	Kerb and channel an & Cycle Paths		2,385	LM	\$	48.60	\$	115,911.00	Quantity adopted from SMEC detailed design
		3.2.1	Pedestrian footpath		1,051	m2	\$	59.00			Quantity adopted from SMEC detailed design
			Shared pathway		1,050 2,200	m2 m2	\$	66.00 66.00	\$	69,300.00 145,200.00	Quantity adopted from SMEC detailed design Conclave
	3.3	Median s	strip								Assumed levelled soil future proofed for
			Median (Levelled ground - no plants)		2,847	m2	\$	21.60	\$	61,495.20	Assumed levelled soil, future proofed for planting
4	DRAINA 4.1	Drainage	- Pines								
	4.1	4.1.1	Stormwater drainage (300mm DIA)		163	LM	\$	456.00		74,328.00	Quantity adopted from SMEC detailed design
		4.1.2 4.1.3	Stormwater drainage (450mm DIA) Stormwater drainage (525mm DIA)		207 118	LM LM	\$	520.00 623.00	\$	107 640 00	Quantity adopted from SMEC detailed designantity adopted from SMEC detailed designantity adopted from SMEC detailed designanties.
		4.1.4	Stormwater drainage (600mm DIA)		339	LM	\$	645.00	\$	218,655.00	Quantity adopted from SMEC detailed design
		4.1.5	Stormwater drainage (675mm DIA)		74 80	LM	\$	690.00 750.00	\$	51,060.00	Quantity adopted from SMEC detailed design
		4.1.7	Stormwater drainage (1050mm DIA) Drainage, sub grade drain		80 1,540	LM	\$	750.00 54.00	\$	60,000.00 83,160.00	Quantity adopted from SMEC detailed design
	4.2	Drainage	- Pits Side entry pits		11	No.	\$	2,700.00		20 700 00	Assumed encoing of approx 100
	4.3	Drainage	- WSUD		11	Allow.	\$	2,700.00 1,500.00	\$	29,700.00 16,500.00	Assumed spacing of approx. 100m
	4.4	Drainage	- Miscellaneous		-	No.	\$	-	\$		Assumed none.
5	TRAFFIC										
	5.1	Traffic Si	ignals								
		5.1.1	Traffic signals (incl. conduit subset)		1	Allow.	\$:	540,000.00	\$	540,000.00	Rate includes for signals, conduits, pits, footings etc.
	5.2	Traffic S								24,640.00	Includes fixed signage, guide posts, line
		5.2.1	Line marking and Traffic Signage		770	LM	\$	32.00	\$	24,640.00	markings, traffic safety
6	LANDSO	CAPE									
	6.1	Trees	T		14	No.	\$	350.00			
	6.2	Landsca	Tree planting (2-2.5m tall) ping		14	NO.	\$	350.00	\$	4,900.00	Allowance only
		6.2.1	Tube stock plantings		1,800	m2	\$	3.00	\$	5,400.00	Allowance of 2 per m2 to nature strip
			Nature strip		1,801	m2	\$	10.00	\$	18,010.00	Allow for total (3m) wide. Topsoiling and seeding of nature strips, varying in widths
7		LIGHTIN									
	7.1	Street Li	ghting								Assume install poles 12m high with luminari
		7.1.1	Street lighting (incl. lighting conduits)		16	No.	\$	12,500.00	\$	200,000.00	placed every 50m (roads) to one side. Rate
											includes for electrical lighting conduits
8		LANEOUS	3								
	8.1	8.1.1 8.1.2	Speed cameras Speed bumps		-	Item No.	\$		\$		Excluded Excluded
							•				
	8.2	Retaining	g walls								
		8.2.1	Retaining wall		-	LM	\$	702.00	\$	-	Assume no retaining walls
9	SERVIC	ES									
	9.1 9.2		Relocation Protection		1	Allow.		400,000.00 20,000.00		634,000.00	Allowance for elec and comms relocations Allowance only
			- roscollott			Allow.	φ	20,000.00	φ	20,000.00	, worrallice Utily
10	MAINTE										Allowance for ViaPonde mainten f t-
	10.1	10.1.1	VicRoads maintenance fee	1		No.	\$	81,000.00	\$	81,000.00	Allowance for VicRoads maintenance fee to each intersection, as advised by WSPPB
						war					
				SUB T	OTAL -	WORKS			\$	5,590,165.00	
11	DELIVE										
	11.1	Fees Council f		3.25	***	Item				404 000 00	
	11.1	VicRoad		3.25 1.00		Item			\$	181,680.36 55,901.65	
	11.3	Traffic M	lanagement	5.00	1%	Item			\$	279,508.25	
	11.4 11.5	Environn Survey 8	nental Management	0.50 5.00	1% 1%	Item Item			\$	27,950.83 279.508.25	
	11.6	Supervis	ion & Project Management	9.00	1%	Item			\$	503,114.85	
	11.7	Site Esta	ablishment	2.50 15.00	1%	Item			\$	139,754.13	
	11.8	Continge	nicy			Item ELIVERY			\$	838,524.75 2,305,943.06	
				90B-10	, I AL DI	LLIVERY			٠	2,303,943.06	
					_						
				TOTAL ESTIMATED PR	OJECT	COST			s	7,896,108.06	
12				TOTAL ESTIMATED PR	OJECI	COST			9	7,090,100.00	

Lancefield Road/Balbethan Drive Intersection LR-IN-03 (Cross Intersection - Interim)

Transports And EATHWORKS 1			Description	Quantity	Unit		Rate		Amount	Comments
STROMONS AND EARTHWOMENS 1.1 Pro- Communication programation 16,123 m2 \$ 5.50 \$ \$ 17,064.20	WORK	e								•
1.1.1 Denotation and the preparation 16.123 in 2 5.60 5 67,064.20		ORKS ANI								
1.1. Control of Control depends at specified location 9.825 n3 5.500 5.5037500 Adamining painment composition depth in 1.2.2 File 1.2.5 File 1.	1.1			40.400			5.40		07.004.00	
1-3.2 Feb	1.2			16,123	1112	3	5.40	\$. ,	
1-3.2 Feb		1.2.1	Cut and disposal at specified location	9.825	5 m3	s	55.00	s	540.375.00	Assuming pavement composition depth to
1.3 Set-Out 1.3 Set Out 1.5 Set Ou					m3	s	37.80	s	-	650mm deep including fill
ROAD PASSEMENT	1.3									
2.1 New Percental	2 POAD	1.3.1	Allow for site set out	1	l Item	\$	12,500.00	\$	12,500.00	
2.1. Road powerwint—Traffic latenes 11.207 m2 \$ 156.00 \$ 1.755.016.20 paying bay (2.1m) to both sides local with (12.207 m2 2.2 Rehabilitate Existing Paymennet 2.2 Rehabilitate Existing Paymennet 2.2 Paymennet profiling and restraining and treating 2.2 Paymennet profiling and restraining 2.2 Paymennet profiling and restraining 2.2 Paymennet profiling and restraining value 2.2 Paymennet profiling and res										
2.1. Road powerwint—Traffic latenes 11.207 m2 \$ 156.00 \$ 1.755.016.20 paying bay (2.1m) to both sides local with (12.207 m2 2.2 Rehabilitate Existing Paymennet 2.2 Rehabilitate Existing Paymennet 2.2 Paymennet profiling and restraining and treating 2.2 Paymennet profiling and restraining 2.2 Paymennet profiling and restraining 2.2 Paymennet profiling and restraining value 2.2 Paymennet profiling and res										Includes pavement to Traffic lane (3.5m)
2.2 Rehabilistae Eustrop Pervenent 2.2.1 Payment printing and resispangs 1 Allow 5 183,068.00 5 183,068.00 Allowance only		2.1.1	Road pavement - Traffic lanes	11,207	r m2	\$	156.60	\$	1,755,016.20	parking bay (2.1m) to both sides total widt
2.2.1 Parametrip profilering and manishipping 1 Allows 5 183,068.00 \$180,068.00 Allowance only \$10,000.00 \$1,000										(11.2m)
Concentration 1,040 LM S 48,60 S 50,544,00 Kerb and channel as per drawing outline 3.1 Kerb and Channel channel 1,040 LM S 48,60 S 50,544,00 Kerb and channel as per drawing outline 3.2.2 Pedestrian fotopish 780 m2 S 50,00 S 45,000 Connector Road: Pedestrian point to both 780 m2 S 50,00 S 54,800.00 Allow Cycle path (Im) wide 3.2.2 Cycle pathway 780 m2 S 66,00 S 51,4800.00 Allow Cycle path (Im) wide 3.3.3 Meditar step 3.3.4 Meditar step 3	2.2	Rehabili	ate Existing Pavement							
3.1 Kerb and Channel 3.2 Productions of Copie Parities 4.1 Productions of Copie Parities 4.2 Productions of Copie Parities 4.3 Productions of Copie Parities 4.4 Productions of Copie Parities 4.4 Productions of Copie Parities 4.5 Productions of Copie Parities 4.5 Productions of Copie Parities 5.1 Productions of Copie Parities Supply (Copie Parities Supply Copie Parit	2 CONC	2.2.1	Pavement profiling and reshaping	1	Allow.	\$	183,068.80	\$	183,068.80	Allowance only
3.1 Keb and charmed as per drawing outlines 2.2 Protection Acycle Parts 2.2 2.2 Protection		Kerb an	d Channel							
3.2.1 Pedestrain fotopath 750 m2 \$ 5,000 \$ 40,020,00 \$ 40,020,00 \$ 40,020,00 \$ 3.2.2 \$ 3.2.2 Cycle pathway 780 m2 \$ 6,000 \$ 51,480,00 Allow Cycle path (Pm) wide \$ 3.2.3 Shared pathway \$ 2,000 m2 \$ 6,000 \$ 51,480,00 Allow Cycle path (Pm) wide \$ 3.2.3 Shared pathway \$ 2,000 m2 \$ 6,000 \$ 51,480,00 Allow Cycle path (Pm) wide \$ 3.2.3 Shared pathway \$ 2,000 m2 \$ 6,000 \$ 51,480,00 Allow Cycle path (Pm) wide \$ 40,000 \$ 40,000,000 \$ 40,		3.1.1	Kerb and channel	1,040) LM	\$	48.60	\$	50,544.00	Kerb and channel as per drawing outlined
3.2 Pedestan fotopath	3.2	Pedestr	an & Cycle Paths							Connector Road: Pedestrian path to both
3.2 Sycile pathway 2,00 m2 \$ 66.00 \$ 51.480.00 Allow Cycle path (Jm) wide		3.2.1	Pedestrian footpath	780) m2	\$	59.00	\$	46,020.00	sides of proposed road each (1.5m) wide
3.2.3 Median Exemple Section										Total span (3.0m) wide
3.2.3 Median Exemple Section		3.2.2	Cycle pathway	780) m2	\$	66.00	\$	51,480.00	Allow Cycle path (3m) wide
3.3 Median (Levelled ground - no plaints)										
				2,000) m2	\$	66.00	\$	132,000.00	
A DRANGE	3.3						04.00			
	4 DRAIN	AGE		•	m2	\$	21.60	3	-	
4.1.1 Stormwater drainage 930 LM		Drainag	- Pipes							
4.1,3 Stormwater drainage (SZERM DIA) 279 LM \$ 383.50 \$ 106,6965.50		4.1.1	Stormwater drainage				040.00	\$	F2 FC2 C2	
4.1		4.1.2	Stormwater drainage (450mm DIA)	651	LM.	S	260.00	\$	169,260.00	
4.2 Drainage - Pits		4.1.3	Stormwater drainage (525mm DIA)				383.50	\$		
4.4 Drainage - Miscellaneous 1.1 Allow 1.5 1.500.00 Assumed none.	4.2	4.1.4 Drainan	Drainage, sub grade drain	1,860) LM	5	54.00	\$	100,440.00	
Transpace		4.2.1	Side entry pits						29,700.00	Assumed spacing of approx. 100m
TRAFFIC Street Gignals Street Companies Str		Drainag	/ - WSUD	11			1,500.00		16,500.00	
S.1 Traffic Signals Signals (end. conduit subset) 1 Allow. \$ \$40,000.00 \$ \$40,000.00 \$ \$640,00		-	Miscellaricous		140.	•		•		rasamod none.
S.1.1 Traffic signals (incl. conduit subset)										
S.2 Traffic Safety S.2.1 Line marking and Traffic Signage 1,395 LM \$ 32.00 \$ 44,64.00 Includes fixed signage, guide posts, line markings and Traffic Signage 1,395 LM \$ 32.00 \$ 44,64.00 Includes fixed signage, guide posts, line markings and Traffic Signage 1,395 LM \$ 32.00 \$ 44,64.00 Includes fixed signage, guide posts, line markings and Traffic Signage 1,395 LM \$ 32.00	5.1								= +	Rate includes for signals, conduits, pits,
S.2.1 Line marking and Traffic Signage		5.1.1	Traffic signals (Incl. conduit subset)	1	Allow.	3	540,000.00	3	540,000.00	footings etc.
S.2.1 Line marking and Traffic Signage	5.2	Traffic S	afety							
Section Company Comp				1.395	5 LM	s	32.00	s	44.640.00	Includes fixed signage, guide posts, line
6.1 Trees 1.5 Tree Epinting (2-2.5m tall) 30 No. \$ 350.00 \$ 10,500.00 Allowance only										markings, traffic safety
6.2 Landscaping Carbon C	6 LANDS	SCAPE								
Record Company Compa	6.1		Tree planting (2-2 5m tall)	3() No	•	350.00	¢	10 500 00	Allowance only
STREET LIGHTIME STREET LIG	6.2	Landsca	ping							
7.1 Street lighting (incl. lighting conduits) 29 No. \$ 12,500.00 \$ 362,500.00 placed every \$50m (roads) to one side. Re includes for electrical lighting conduits) 29 No. \$ 12,500.00 \$ 362,500.00 placed every \$50m (roads) to one side. Re includes for electrical lighting conduits				-,		-		-	9,726.00	Allowance of 2 per m2 to nature strip
7.1 Street lighting (incl. lighting conduits) 29 No. \$ 12,500.00 \$ 362,500.00 placed every \$50m (roads) to one side. Re includes for electrical lighting conduits) 29 No. \$ 12,500.00 \$ 362,500.00 placed every \$50m (roads) to one side. Re includes for electrical lighting conduits				3,242	2 m2	\$	10.00	\$	32,420.00	seeding of nature strips, varying in widths
	7 STREE	T LIGHTIN	G.							
7.1.1 Street lighting (incl. lighting conduits) 29 No. \$ 12,500.00 \$ 382,500.00 placed every 50m (roads) to one side. Re includes for electrical lighting conduits	7.1	Street L	anting							Assume install poles 12m high with lumin
MSCELLANEOUS		7.1.1	Street lighting (incl. lighting conduits)	29	No.	\$	12,500.00	\$	362,500.00	placed every 50m (roads) to one side. Ra
8.1 8.1.1 Speed cameras - Item \$. \$. Excluded										includes for electrical lighting conduits
8.1.2 Speed bumps Speed										
8.2 Retaining walls	8.1			-			-		-	
8.2.1 Retaining wall - LM \$ 702.00 \$ - Assume no retaining walls 9 SERVICES 9.1 Services Relocation 1 Allow. \$ 400,000.00 \$ 400,000.00 Allowance only					INU.	٥	-	3	-	Excluded
SERVICES	8.2	Retainin	g walls							
9:1 Services Relocation 1 Allow \$ 400,000.00		8.2.1	Retaining wall	•	LM	\$	702.00	\$	-	Assume no retaining walls
9.2 Services Protection 1 Allow. \$ 20,000.00 \$ 20,000.00 Allowance only MAINTENANCE 10.1 10.1.1 VicRoads maintenance fee 1 1 No. \$ 81,000.00 \$ 81,000.00 SUB TOTAL - WORKS \$ 10,000.00 Allowance for VicRoads maintenance fee each intersection, as advised by WSPPB SUB TOTAL - WORKS \$ 1,000.00 Allowance for VicRoads maintenance fee each intersection, as advised by WSPPB 11.1 Council Fees \$ 3.25% Item \$ 157,147.86 Item \$ 157,147.86 Item \$ 43,353.19 Item \$ 43,353.19 Item \$ 43,353.19 Item \$ 43,353.19 Item \$ 157,147.86 Item \$ 157,147	9 SERVI	CES								
9.2 Sentices Protection 1 Allow. \$ 20,000.00 \$ 20,000.00 Allowance only MAINTENANCE 10.1 10.1.1 VicRoads maintenance fee 1 1 No. \$ 81,000.00 \$ 81,000.00 SUB TOTAL - WORKS \$ 10,000.00 \$ 81,000.00 \$	9.1	Services	Relocation	1	Allow.	\$	400,000.00	\$	400,000.00	Allowance only Flectrical Pole Relocation
MAINTENANCE 1 No. \$ 81,00.00 \$ 81,00.00 Allowance for VicRoads maintenance fee 1 No. \$ 81,00.00 \$ 81,00.00 Allowance for VicRoads maintenance fee each intersection, as advised by WSPPB	9.2	Services	Protection	1	Allow.	\$	20,000.00	\$	20,000.00	Allowance only
10.1 10.1.1 VicRoads maintenance fee										·
SUB TOTAL - WORKS \$ 4,835,318.70			Vi-Danda malatanana fan				04 000 00		04 000 00	Allowance for VicRoads maintenance fee
DELIVERY Fees	10.1	10.1.1	VICINOAUS MAINTENANCE TEE	1	NO.	3	61,000.00	3	61,000.00	each intersection, as advised by WSPPB
11 DELIVERY Fees				SUP TOTAL	- WORKS			•	4 835 319 70	
Fees 3.25% Item \$ 157,147.86 11.1 Council Fees 3.25% Item \$ 45,353.19 11.2 VicRoads Fees 1.00% Item \$ 48,353.19 11.3 TarRich Management 5.00% Item \$ 241,755.34 11.4 Environmental Management 0.00% Item \$ 241,755.34 11.6 Supervision & Project Management 9.00% Item \$ 435,778.8 11.7 Site Establishment 2.50% Item \$ 120,882.97 11.8 Contingency 15.00% Item \$ 722,529.81				JOB TOTAL	- WORKS			,	-,033,310.70	
11.1 Council Fees 3.25% Item \$ 157,147.86 11.2 VicRodat Fees 1.00% Item \$ 453.31.9 11.3 Traffic Management 5.00% Item \$ 241,765.94 11.4 Environmental Management 0.50% Item \$ 241,765.94 11.5 Survey & Design 5.00% Item \$ 241,765.94 11.6 Supervision & Project Management 9.00% Item \$ 437,786.8 11.7 Site Establishment 2.50% Item \$ 120,882.97 11.8 Contingency 15.00% Item \$ 722,282.73										
11.2 VicRoads Fees 1.00% Item \$ 48,353.19 11.3 TarRic Management 5.00% Item \$ 241,765.94 11.4 Environmental Management 0.50% Item \$ 24,176.59 11.5 Survey & Design 5.00% Item \$ 241,765.94 11.6 Supervision & Project Management 9.00% Item \$ 485,178.88 11.7 Site Establishment 2.50% Item \$ 120,862.97 11.8 Contingency 15.00% Item \$ 722,297.81	11 <u>DELIV</u>		Fees	3 25%	Item			s	157 147 86	
11.3 Traffic Management 5.00% Item \$ 241,765.94 11.4 Environmental Management 0.50% Item \$ 241,765.94 11.5 Survey & Design 5.00% Item \$ 241,765.94 11.6 Supervision & Project Management 9.00% Item \$ 431,786.86 11.7 Site Establishment 2.50% Item \$ 120,882.97 11.8 Confingency 15.00% Item \$ 722,282.93		Council	s Fees	1.00%	Item			\$	48,353.19	
11.5 Survey & Design 5.00% Item \$ 241,785.94 11.6 Supervision & Project Management 9.00% Item \$ 431,785.88 11.7 Site Establishment 2.50% Item \$ 120,882.97 11.8 Confingency 15.00% Item \$ 725,287.81	11.1	VicRoad		5.00%				\$	241,765.94	
11.6 Supervision & Project Management 9.00% ltm \$ 435,178.68 11.7 Site Establishment 2.50% ltem \$ 120,882.97 11.8 Contingency 15.00% ltem \$ 225,297.81	11.1 11.2 11.3	VicRoad Traffic N	anagement	4.5	Item				24,176.59	
11.8 Contingency 15.00% Item \$ 725,297.81	11.1 11.2 11.3 11.4	VicRoad Traffic N Environ	nental Management		tem			S	241 765 04	
	11.1 11.2 11.3 11.4 11.5	VicRoad Traffic M Environ Survey Supervi	nental Management & Design sion & Project Management	5.00% 9.00%	Item			s	435,178.68	
3 1,394,00.30 LVELVERT 3 1,394,00.30	11.1 11.2 11.3 11.4 11.5 11.6	VicRoad Traffic M Environ Survey Supervir Site Est	nental Management k Design sion & Project Management ablishment	5.00% 9.00% 2.50%	Item Item			s	435,178.68 120,882.97	
	11.1 11.2 11.3 11.4 11.5 11.6	VicRoad Traffic M Environ Survey Supervir Site Est	nental Management k Design sion & Project Management ablishment	5.00% 9.00% 2.50% 15.00%	Item Item Item	,		\$ \$ \$	435,178.68 120,882.97 725,297.81	
	11.1 11.2 11.3 11.4 11.5 11.6	VicRoad Traffic M Environ Survey Supervir Site Est	nental Management k Design sion & Project Management ablishment	5.00% 9.00% 2.50% 15.00%	Item Item Item	1		\$ \$ \$	435,178.68 120,882.97 725,297.81	

Lancefield Road/Jacksons Creek Crossing (North) Intersection LR-IN-04 (Cross Intersection- Interim)

em			Description		Quantity	Unit		Rate		Amount	Comments
	WORKS		<u> </u>								<u> </u>
1	SITEWO		EARTHWORKS								
		Pre-cons 1.1.1	truction Demolition and site preparation		14,500	m2	\$	5.40	\$	78,300.00	
	1.2	Earthwo			. +,000		•	5.40	-	. 5,000.00	
		1.2.1	Cut and disposal at specified location		9,482	m3	\$	55.00	\$	521,510.00	Assuming pavement composition depth to 650mm deep including fill
		1.2.2	Fill		-	m3	\$	37.80	\$		COUNTY GEED INCIDENTS IN
	1.3	Set-Out	Allow for site set out		1	Itom		12,500.00	•	12.500.00	
2	ROAD P				- 1	III	э	12,500.00	Þ	12,500.00	
	2.1	New Pay	ement								
		2.1.1	Road pavement - Traffic lanes		11,614	m2	\$	156.60	\$	1,818,752.40	Includes pavement to Traffic lane (3.5m) a parking bay (2.1m) to both sides total wid (11.2m)
	2.2	Rehabilit	ate Existing Pavement								
3	CONCRE	2.2.1	Pavement profiling and reshaping		1	Allow.	\$	182,531.00	\$	182,531.00	Allowance only
3	3.1	Kerb and	KS I Channel								
		3.1.1	Kerb and channel		1,400	LM	\$	48.60	\$	68,040.00	Kerb and channel as per drawing outlined
	3.2	Pedestri	an & Cycle Paths Pedestrian footpath		660	m2	s	59.00	s	38 940 00	Allow Cycle path (3m) wide
							-		•		
		3.2.2	Cycle pathway		660	m2	\$	66.00	\$	43,560.00	
		322	Shared pathway			m2	s	66.00	¢		Arterial road: Two 3m wide shared paths
	3.3	3.2.3 Median s				1112	9	00.00	9		sides of the road). Total span (6.0m) wide
		3.3.1	Median (Levelled ground - no plants)		722	m2	\$	21.60	\$	15,595.20	
4	DRAINA	3E									
	4.1	Drainage 4.1.1	Stormwater drainage (300mm DIA)		279	LM	\$	216.00		60,307.20	
		4.1.2	Stormwater drainage (450mm DIA)		733	LM LM	\$	260.00	\$	190,554.00	
		4.1.3	Stormwater drainage (525mm DIA) Drainage, sub grade drain		314 2.094	LM	\$	383.50 54.00	\$	120,457.35 113.076.00	
	4.2	Drainage	- Pits		,				•	.,	
	4.3	4.2.1 Drainage	Side entry pits - WSUD		21 21	No. Allow.	\$	2,700.00 1,500.00	\$	56,700.00 31,500.00	Assumed spacing of approx. 100m
	4.4	Drainage	- Miscellaneous			No.	\$	1,300.00	\$	31,300.00	Assumed none.
	TRAFFIC										
5	5.1	Traffic S	ignals								
			Traffic signals (incl. conduit subset)		1	Allow.	S	540.000.00	s	540,000.00	Rate includes for signals, conduits, pits,
											footings etc.
	5.2	Traffic S	afety								
		5.2.1	Line marking and Traffic Signage		1,047	LM	\$	32.00	\$	33,504.00	Includes fixed signage, guide posts, line markings, traffic safety
6	LANDSC 6.1	Trees									
		6.1.1	Tree planting (2-2.5m tall)		21	No.	\$	350.00	\$	7,350.00	Allowance only
	6.2	Landsca	ping Tube stock plantings		1.308	m2	S	3.00	e	2 024 00	Allowance of 2 per m2 to nature strip
			Nature strip		1,308	m2	\$	10.00		13 080 00	Allow for total (3m) wide. Topsoiling and
7	STREET	LIGHTIN			1,000		Ψ.	10.00	Ψ.	10,000.00	seeding of nature strips, varying in widths
		Street Li									
		7.1.1	Street lighting (incl. lighting conduits)		21	No		12 500 00		202 500 00	Assume install poles 12m high with lumin placed every 50m (roads) to one side. Ra
		7.1.1	Street lighting (Incl. lighting conduits)		21	NO.	3	12,500.00	3	262,500.00	includes for electrical lighting conduits
_											
8		8.1.1	Speed cameras		_	Item	\$		\$	_	Excluded
		8.1.2	Speed bumps		-	No.	\$	-	\$		Excluded
	8.2	Retainin	a walle								
	J.2	8.2.1	Retaining wall		-	LM	\$	702.00	\$		Assume no retaining walls
9	SERVICE										
a	9.1	Services	Relocation (Electrical Pole Relocation)		1	Allow.	\$.	400,000.00	\$	400,000.00	Allowance only
	9.2	Services	Protection		1	Allow.	\$	20,000.00	\$	20,000.00	Allowance
10	MAINTE	NANCE									
			VicRoads maintenance fee		1	No.	s	81,000.00	s	81,000 00	Allowance for VicRoads maintenance fee
							-	.,		2.,223.00	each intersection, as advised by WSPPE
					SUB TOTAL -	WORKS			\$	4,713,681.15	
11	DELIVER	Eees									
	11.1	Fees Council I	ees		3.25%	Item			s	153,194,64	
	11.2	VicRoad	s Fees		1.00%	Item			\$	47,136.81	
	11.3		anagement		5.00%	Item			\$	235,684.06	
	11.4 11.5	Environn Survey &	nental Management Design		0.50% 5.00%	Item Item			\$	23,568.41 235,684.06	
	11.6	Supervis	i Design ion & Project Management		9.00%	Item			\$	424,231.30	
	11.7	Site Esta	blishment		2.50%	Item			\$	117,842.03	
	11.8	Continge	ncy		15.00%	Item			\$	707,052.17	1
				S	UB-TOTAL D	ELIVERY			\$	1,944,393.47	
									_		1
12				TOTAL ESTIMATI					\$	6.658.074.62	

Stockwell Drive / Balethan Drive to 3 way roundabout LR-IN6 (Roundabout)

ltem			Description		Quantity	Unit		Rate		Amount	Comments
1	WORKS	RKS AND	EARTHWORKS								
	1.1	Pre-cons	struction		4 000 00	0	•	5.40	•	40.054.00	
	1.2	1.1.1 Earthwo	Demolition and site preparation rks		1,862.00	m2	\$	5.40	\$	10,054.80	
		1.2.1	Cut and disposal at specified location		612.00	m3	\$	55.00	\$	33,660.00	Assuming pavement composition depth total 650mm deep including fill
		1.2.2	Fill		-	m3	\$	37.80	\$		obonin deep incidenty in
	1.3	Set-Out 1.3.1	Allow for site set out		1	Item	\$	12,500.00	\$	12,500.00	
2	ROAD P	New Pay	Т								
	2.1	New Pay	rement								Includes pavement to Traffic lane (3.5m) and
		2.1.1	Road pavement - Traffic lanes		942.00	m2	\$	156.60	\$	147,517.20	parking bay (2.3m) to both sides total width
											(11.6m)
	2.2	Rehabili	tate Existing Pavement								
3	CONCR	2.2.1 ETE WOR	Pavement profiling and reshaping KS			Allow.	\$	-	\$		Assume all new works.
-	3.1	Kerb and	d Channel								
		3.1.1	Kerb and channel		264.00	LM	\$	48.60	\$	12,830.40	Kerb and channel to both sides of each traffic
	3.2	Pedestri	an & Cycle Paths Pedestrian footpath		180.00	m2	\$	59.00	•	10.620.00	Allow Cycle path (3m) wide
											Allow Cycle patri (311) wide
		3.2.2	Cycle pathway		140.00	m2	\$	66.00	\$	9,240.00	
		3.2.3	Shared pathway		95.00	m2	\$	66.00	\$	6,270.00	Connecting shared path on eastern side of
	3.3	Median s					-		-	2,2. 3.00	intersection
			Median (Levelled ground)		227.00	m2	\$	32.40	\$	7,354.80	Assume median (6.0m) to be levelled soil - no
1	DRAINA	GE									landscaping assumed
	4.1	Drainage	e - Pipes Stormwater drainage (300mm DIA)		32.00	LM	\$	216.00	\$	6.912.00	
		4.1.2	Stormwater drainage (450mm DIA)		120.00	LM	\$	260.00	\$	31,200.00	
			Stormwater drainage (525mm DIA) Drainage, sub grade drain		240.00	LM LM	\$	383.50 54.00		12,960.00	
	4.2	Drainage	- Pits Side entry pits		4						
	4.3	4.2.1 Drainage	Side entry pits - WSUD		4.00	No. Allow.	\$	2,700.00 1,500.00	\$	6,000.00	Assumed spacing of approx. 100m
	4.4		e - Miscellaneous		-	No.	\$	-	\$	-	Assumed none.
	TRAFFIC										
	5.1	Traffic S									Includes fixed signage, guide posts, line
		5.1.1	Line marking and Traffic Signage		120.00	LM	\$	32.00	\$	3,840.00	markings, traffic safety
5	LANDSC	APE									
	6.1	Trees	Tree planting (2-2.5m tall)		2	No.	\$	350.00	¢	700.00	Allowance only
	6.2	Landsca	ping								
			Tube stock plantings		548.00	m2	\$	3.00			Allowance of \$2 per m2 to nature strip Topsoiling and seeding of nature strips (4.5m)
	070557		Nature strip		548.00	m2	\$	10.00	\$	5,480.00	Topsoiling and seeding of nature strips (4.5m to both sides. Total (9.0m) wide
7	7.1	LIGHTIN Street Li									
											Assume install poles 12m high with luminarie
		7.1.1	Street lighting (incl. lighting conduits)		3	No.	\$	12,500.00	\$	37,500.00	placed every 50m (roads) to one side. Rate includes for electrical lighting conduits
8		8.1.1	Speed cameras			Item	\$	_	s		Excluded
		8.1.2	Speed bumps		-	No.	\$	-	\$		Excluded
	8.2	Retainin									
		8.2.1	Retaining wall		-	LM	\$	702.00	\$		Assume no retaining walls to LR-RD2
9	SERVIC	ES									
	9.1 9.2		Relocation Protection		- 1	Allow.	\$	20,000.00	\$	20,000.00	Excluded
	9.2	Services	Protection		1	Allow.	\$	20,000.00	\$	20,000.00	
				_					_		1
				S	SUB TOTAL -	WORKS			\$	387,083.20	
1	DELIVE										
	11.1	Fees Council	Foos		3.25%	Item			\$	12,580.20	
	11.2	VicRoad	s Fees		1.00%	Item			\$	3,870.83	
	11.3 11.4		lanagement nental Management		5.00% 0.50%	Item Item			\$	19,354.16 1,935.42	
	11.5	Survey 8	Design		5.00%	Item			\$	19,354.16	
	11.6 11.7		ion & Project Management iblishment		9.00% 2.50%	Item Item			\$	34,837.49 9,677.08	
	11.8	Continge			15.00%	Item			\$	58,062.48	T
				SL	JB-TOTAL DI	ELIVERY			\$	159,671.82	
12				TOTAL ESTIMATE	D PROJECT	COST			\$	546,755.02	



LR-BR-02 Approx. Length 11m (road under rail) Quantity Unit Rate Amount WORKS SITEWORKS AND EARTHWORKS 1 Item \$ 5,000.00 \$ 5,000.00 2 STRUCTURE 2.1 Slab & Foundations/Piers/Beams 2.1.1 Bridge structure 2.1.2 Elastomeric Bearings 2.1.3 Cast in-situ concrete base slab with footings 2.1.4 Bridge Columns 2.1.5 Piles 2.1.6 Pile Cap 2.1.7 Retaining Walls - Wing & Keeper Walls 2.1.8 Retaining Walls - Fender Wall 16,500.00 \$ 1,120.00 \$ 336,000.00 Assume rock bolts at 1.5mx1.5m grid with 75mm thick steel fibre shotcrete wall 2.1.9 Retaining wall 300 sq.m \$ 2.1.9 Retaining wall 2.1.10 Indige Dock 2.1.11 Constructability 2.2 Abstraction 2.2.2 Abstraction 2.2.2 And Siding Bock 2.2.3 Abstraction 2.2.3 Bridge Constructability 2.2.4 Roored piles 2.3 Bridge Construment Barriers 2.3.1 Bridge constrainment Barriers 2.3.1 Bridge constrainment Barriers 2.3.3 Barriers - Medium Constrainment 2.3.3 Barriers - Amelian Constrainment 2.4.3 Barriers - Amelian Constrainment 2.5.4 Other Double Mick Works 3.1 Adaphalt Wearing Course Over Slab 3.1 Adaphalt Wearing Course Over Slab 3.1 Adaphalt povement 3.1.2 Road povement under bridge 3.1.3 Cycle track 3.1.3 Cycle track 3.3 Cycle track 3.3 Ending walkway 3.3.1 Bridge walkway 3.3.3 Shared path 3.3.3 Shared path 3.3.4 Lighting the didge 30 LM \$ 75.00 \$ 2.250.00 25 sq.m \$ 33 sq.m \$ 66 sq.m \$ 1,500.00 \$ 37,500.00 Steel mesh atop steel frame attached to side of rall bridge 2,500.00 \$ 10,000.00 To underside of bridge 16.50 \$ -4 OFF-BRIDGE WORKS 4.1 Approach Slabs 4.1.1 Reinforced concrete slabs (approach slabs) 115 sq.m \$ 500.00 \$ 57,500.00 Assume 4m long approach RC slab at each abutment (200mm thick) 4.2.1 Henrored con4.2 Safety Gurad Rail/Barrier 4.2.1 Handrails 4.2.2 Guard rails 4.2.3 Safety rails 5,000.00 \$ 5,000.00 Allowance only, Pedestrain barriers to bridge over 4.2.3 Safety rails 4.3 Drainage 4.3.1 Drainage to bridge 4.3.2 Drainage to lowered road under 4.3.3 Rock Beaching 4.3 Scour Protection 4.5 Other MASCLAMOUS 5.1 Architectural screens, / cladding to Pierr / Deck 5.2 Archit Throw screens 5.3 Dewatering works 5.4 Melbourne Water Temp Diversion 5.5 Unemarking 5.6 Signage 5.6 Signage 5.7 Health of Compensation Fee (Estimate) 6.8 Contraction occapation 5.9 Health of Compensation Fee (Estimate) 6.1 Occupation costs (minor) 6.2 Construction occupation 6.2 Construction occupation 44,000.00 \$ 88,000.00 1,650.00 \$... 250,000.00 \$... 1,000.00 \$... 1,200.00 \$... 25,000.00 \$... 20,000.00 \$... 1,035,000.00 \$... 5 ... 20,000.00 \$ 60,000.00 Allowance for 3 ALBF Occupations for OHL works 1,035,000.00 \$ 2,070,000.00 Allowance fo 2 weekend occupations for construction and V-Line) 2 Item \$ 750,000.00 \$ 750,000.00 100,000.00 \$ 200,000.00 | 1,650.00 \$ 346,500.00 Lowering of Track & Ballast asusme 100m each direction \$50.00 \$ OHLE (Assume + 100m of 10 4.400.000.00 S SUB TOTAL - WORKS \$ 5,069,696.05 DELIVERY 8.1 Council Fees 8.2 VicRoads Fees 8.3 Traffic Management 8.4 Environmental Management 8.5 Survey & Design 8.7 See Establishment 8.7 Contingency 8.8 Contingency \$... \$ 253,484.80 \$ 25,348.48 \$ 253,484.80 \$ 1,267,424.01 Includes LXRA Fees \$ 3,105,188.83

\$ 8,174,884.88

m Descri	iption	Quantity	Unit		Rate	Amount	Comments
WORK							
SITEW	ORKS AND EARTHWORKS						
1.1	Pre-construction 1.1.1 Site preparation	1		<	5.500.nn	\$ 5,500.00	
	1.1.2 Strip Site Locally		sq.m	\$	5,500.00 2.75	\$.	
1.2	Earthworks 1.2.1 Bulk excavation and fill	3,000	cu.m	S	70.00	\$ 210,000.00	
1.3	1.2.3 Fill only	500	cu.m	\$	37.80	\$ 18,900.00	Fill to approach
	1.3.1 Allow for site setout and marking	1	Item	\$	5,000.00	\$ 5,000.00	
STRUC 2.1							
-	Januari Guinderona, Pretay Seams						Single span precast prestressed 1200 mm deep
	2.1.1 Bridge structure	223	sq.m	\$	1,900.00	\$ 423,890.00	Single span precast prestressed 1200 mm deep beam arrangement with in-situ deck slab overla Cast in-situ deck slab min thickness 200mm acro
							bridge
	2.1.2 Elastomeric Bearings 2.1.3 Cast in-situ concrete base slab with footings	. 8	Item sq.m sq.m	\$	1,650.00 550.00 3,500.00	\$ 13,200.00 \$	
	2.1.4 Bridge Columns			\$		\$ -	1300 diameter 10000 less 50 May 50 may 5
	2.1.5 Piles	8	Item	\$	15,000.00	\$ 120,000.00	1200 diameter x 10000 long 50 Mpa Concrete Bo Piles including Reo Rate say 200kg/m3
	2.1.6 Pile Cap 2.1.7 Retaining Walls - Wing & Keeper Walls		Item sq.m	s	1,100.00		
	2.1.8 Retaining Walls - Fender Wall		Item	\$	16,500.00	e .	
	2.1.9 Retaining Wall	150	sq.m	s	1,120.00	\$ 168,000.00	Assume rock bolts at 1.5mx1.5m grid with 75mm steel fibre shotcrete wall (
	2.1.10 Bridge Deck		sq.m	\$	480.00	s -	steel libre slibtcrete wall (
2.2	2.1.11 Constructability Abutments		Item				
2.2	2.2.1 RC Abutment / Crosshead Beam	30	LM	\$	3,140.00		
	2.2.2 Anti Sliding Blocks 2.2.3 Abutment Walls and Bearings		Item Item	\$	2,500.00 400,000.00		
	2.2.3 Abutment Walls and Bearings 2.2.4 Bored piles	. 8	item sq.m	\$	400,000.00 15,000.00	£ 130,000.00	Reinforced concrete bored piles (supporting abur crossheads)
2.3		8	sq.m	>	15,000.00	120,000.00	crossheads)
2.3	2.3.1 Bridge containment barriers		LM	\$	2,850.00	s -	
	2.3.2 Barriers - Medium Containment	56	LM	\$	1,750.00	\$ 97,370.00	
2.4	2.3.3 Barriers - Armco (off structure) Other	80	LM	\$	110.00	\$ 8,800.00	
	IDGE WORKS						
ON-BR	Ashphalt Wearing Course Over Slab						
	3.1.1 Asphalt pavement 3.1.2 Road pavement under bridge	160	sq.m	\$ \$ \$	110.00	\$ 17,600.00	Including shared path
	3.1.3 Cycle track		m.pa m.pa	\$	250.00 1,200.00	\$.	
3.2	Kerb and Channel 3.2.1 Kerb and channel	45	LM				
3.3	S.Z.1 Nerband Chamber Footpath	45	LM	\$	75.00		
	3.3.1 Bridge walkway		sq.m	\$	1,500.00	\$ -	
	3.3.2 Pedestrian footpath 3.3.3 Shared path	60	m.pa m.pa	\$ \$ \$	155.00 155.00		
3.4		2	Item		17 500 00		
	3.4.1 Lighting 3.4.2 Allowance for Conduits		LM	\$	17,500.00		
3.5	Other						
OFF-BI	RIDGE WORKS						
4.1	Approach Slabs 4.1.1 Reinforced concrete slabs (approach slabs)	92	sq.m	\$	500.00	\$ 46,000.00	
4.2	Safety Gurad Rail/Barrier	-					
	4.2.1 Handralls 4.2.2 Guard rails		Item Item	\$	5,000.00 5,000.00		
	4 2 3 Safety rails		Item	s	1,700.00	\$ -	
4.3	Drainage 4.3.1 Drainage to bridge 4.3.2 Drainage to lowered road under 4.3.3 Brork Rearhine	1	Item	\$	22,000.00 100,000.00	\$ 22,000.00	
	4.3.2 Drainage to lowered road under		Item	\$			
4.4			cu.m	\$	100.00	\$ -	
4.5	Other						
	LLANEOUS						
5.1 5.2	Anti Throw screens	. 2	Item LM	\$	44,000.00 1,650.00	٠.	
5.3	Dewatering works		Item	\$	250,000.00 1,000.00	s -	
5.5	Linemarking	1	sq.m Item	\$	1,200.00	\$ 1,200.00	
5.6	Signage		Item	s s	1,200.00 25,000.00	s .	
5.7 5.8	Construction occupation		Item Item	\$	20,000.00 1,035,000.00	\$.	
5.9	Habitat Compensation Fee (Estimate)		Item	\$		\$ -	
RAIL R	ELATED ITEMS Occupation costs (minor)	3	Item	\$	20,000.00	\$ 60,000.00	Allowance for 3 ALBF Occupations for OHL works
6.2		2	Item		1,035,000.00	\$ 2,070.000 nn	Allowance fo 2 weekend occupations for constru works (Metro and V-Line)
6.3	Signalling Adjustments	1	Item	\$	500,000.00	\$ 500,000.00	works (Metro and V-Line)
6.4	Rail Occupation Costs (Power Off) - N/A Vline Only		Note				
6.5		2	Wkend	\$	100,000.00		
	Track & Ballast	210	Item	s	1,650.00		Lowering of Track & Ballast asusme 100m each o
SERVI	OHLE (Assume + 100m each way)		TM	\$	550.00		
7.1	APA Gas		Item	\$	4,400,000.00	\$ -	
7.2 7.3	Telstra NBN Western Water Sewer		Item Item	\$ \$	400,000.00 300,000.00	s -	
7.4	Services relocation		Item	\$	150,000.00	\$ -	
7.5	Increase in Head Contractor Preliminaries (22% to 25%)	3	%	\$	4,683,835.00	\$ 140,515.05	
			SUB TOTAL - WORKS			\$ 4,824,350.05	
DELIVE	RY						
8.1	Council Fees	3%	Item			\$ 156,791.38	
8.2 8.3		0% 5%	Item Item			\$. \$ 241,217.50	
8.4	Environmental Management		Item			\$ 24,121.75	
8.5 8.6	Supervision & Project Management	5% 25%	Item Item			\$ 241,217.50 \$ 1,206.087.51	Includes LXRA Fees
8.7	Site Establishment	3%	Item			\$ 120,608.75	
8.8	Contingency	20%	Item			\$ 964,870.01	
			SUB TOTAL - I	DELIVERY		\$ 2,954,914.41	



Sunbury South & Lancefield Road
Infrastructure Contributions Plan – February 2022

