

	0: Wonthaggi North East PSP - Korumburra-Wonthaggi I	Rd / St Clair Bl	vd						
	nstruction								
Date	11-03-22								
	f Estimate								
This cost estimate is based on GTA now Stantec plan V214020-01-01 P1 dated 04 February 2022 (Limit of works as highlighted)									
	Korumburra-Wonthaggi Rd / St Clair Blvd - Proposed Ro							- Option 2	
Item	Description of works	Quantity	Unit		Rate		Amount	Comments	
	SITEWORKS AND EARTHWORKS Site preparation	1	Item	\$	15,000.00	\$	15,000.00		
	Earthworks	2065	m ³	\$	40.00	\$	82,600.00		
			2					Lime and Cement stabilisation for 40% of pavement area.	
1.03	Subgrade improvement	1180	m ²	\$	60.00	\$	70,800.00	The m ² rate accounts for an average depth of stabilisation.	
1.04	Proving existing services	1	Item	\$	10,000.00	\$	10,000.00	Stabilisation.	
1.05	Clearing and Grubbing	7020	m²	\$	15.00	\$	105,300.00	Clearing and Grubbing for any existing non paved surface	
	ROAD PAVEMENT							area	
	Asphalt Pavement	2950	m ²	\$	150.00	\$	442,500.00	600mm deep heavy duty pavement	
2.02	Asphalt resheet works with type V or H asphalt	1020	m ²	\$	50.00	\$	51,000.00		
	CONCRETE WORKS	1120	Lan		70.00	ć	79 400 00	Ch42 or Council acritical and	
3.01	Kerb and channel	1120	Lm	\$	70.00	\$	78,400.00	SM2 or Council equivalent Assumed a 3.0m shared path will be provided on one side	
3.02	Concrete footpath	1250	m ²	\$	125.00	\$	156,250.00	of Korumburra-Wonthaggi Rd for the length of the	
2.02	Concrete median works	1515	m²	\$	130.00	\$	196,950.00	roundabout.	
	Pram ramp works	8		\$	1,250.00			To be DDA compliant	
	DRAINAGE				•			·	
	Drainage - pipes Drainage - pits	715 16	Lm No	\$	250.00 3,000.00	\$		300mm dia RCP Class 2, RRJ 750 x 1000 side entry pits	
				Ė	•				
	Drainage – Sub-soil drainage	1380	Lm	\$	55.00	\$		100mm dia grade 1000 AG drain with screening backfill	
	Drainage – Miscellaneous (Description) TRAFFIC	8	Item	\$	1,250.00	\$	10,000.00	SSD Pit/ flush out riser/ outlet	
	Safety Barriers	1	Item	\$	100,000.00	\$	100,000.00	To protect existing elec pole on south-west corner	
	LANDSCAPE								
	Tree removals & replacements Landscaping - Batter to existing , back of kerb works,	120		\$	500.00		60,000.00	Assume 3.0m batter from back of kerb & areas between	
	topsoil and seed area, etc.	1885	m ²	\$	80.00	\$	150,800.00	kerb and footpath are topsoil and seed	
	STREET LIGHTING	42				_	452 600 00		
	Street Lighting MISCELLANEOUS	12	No	\$	12,800.00	\$	153,600.00		
	Line marking	1	Item	\$	5,000.00	\$	5,000.00		
	Regulatory Signage	1	Item	\$	4,000.00		4,000.00		
	Works maintenance – up to 1 year Landscape maintenance – 1yr/2 summers	1	Item Item	\$	20,000.00 5,000.00		20,000.00 5,000.00	Including traffic management	
	OTHER			Ė	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
9.01	Telstra services relocation/ Protection works	1	Item	\$	450,000.00	\$	450,000.00	This is a broad level estimate only - email confirmation	
0.00	NON and a selection (On the big and a			4	100 000 00	_	50 000 00	This is a broad lever estimate only - email confirmation	
9.02	NBN services relocation/Protection works	1	Item	\$	100,000.00	\$	50,000.00	This is a broad level estimate only - email confirmation	
						_	=======================================	Assumed protection works only (i.e. concrete	
9.03	Gas services relocation/Protection works	1	Item	\$	50,000.00	\$	50,000.00	encasement). If relocation required then it will cost substantially more. Authority confirmation required	
								This is a broad level estimate only, subject to verification	
9 04	Water and Sewer services relocation/Protection works	1	Item	\$	75,000.00	\$	75,000.00	by authority. SGW are highly likely to arrange to renew	
3.04	water and sewer services relocationly rotection works		nem.	,	73,000.00	,	75,000.00	this main and divert around roundabout instead (timing dependant)	
								иерепиинту	
9.05	Electrical services relocation/Protection works	0	Item			\$	_	This is assuming the elec pole on the south-west corner	
3.03	Electrical Services relocation, Protection works		nem.			,		can be retained with protection (refer item 5.02) however if pole needs to be relocated, it may cost ~\$250,000.	
	SUB-TOTAL WORKS		l			\$	2,654,850.00	y p = = = = = = = = = = = = = = = = = =	
10.00	DELIVERY								
	Council Fees (Council assets only)	3.25	_			\$	86,282.63		
	Department of Transport Fees Traffic Management	5				\$	26,548.50 132,742.50		
10.04	Environmental Management	0.5	%			\$	13,274.25		
	Survey/Design	5				\$	132,742.50		
	Supervision & Project Management Site Establishment	9 2.5	_			\$	238,936.50 66,371.25		
10.08	Contingency - Overall (Item 1.1 to 9.7)	30				\$	796,455.00		
_	SUB-TOTAL DELIVERY								
11 TOTAL ESTIMATED COST \$ 4,148,203.13									
Assumptions and exclusions: 1. Design and documentation fees or authority fees, charges, levies and overview including insurances and bank									
guarantees have been included as per VPA recommended percentages.									
2. Approximate cost of protection and/or relocation of underground services during construction is included (broad level									
estimate only subject to validation and confirmation) 3. A 30% contingency has been applied to the engineer's opinion of probable costs based on the information from									
Concept layout and without a site inspection									
4. This engineers opinion of probable cost is based on the drawings listed above and further changes may arise following									
subsequent additional investigations and detailed design development. 5. Specific construction works including rock boring, rock blasting or rock excavation and removal have been excluded as									
geotechnical conditions are yet to be confirmed.									
o. This	6. This estimate also excludes allowance for abnormal weather conditions.								



7. GST is excluded.

8. Land acquisition is excluded

Price escalation is excluded.

10. The above opinion of probable costs should be considered current to the date of the document only. GTA now Stantec cannot provide any form of assurance that the costings provided will not change due to changes in design and/or future costs of materials. The future outcome may vary, and this variation may be material. This potential for variation should be considered in any circumstances where the costings are to be used for high level budgeting purposes, even in the short term. Any party requiring detailed costing for quoting or construction purposes should seek a detailed cost estimate from a suitably qualified quantity surveyor.