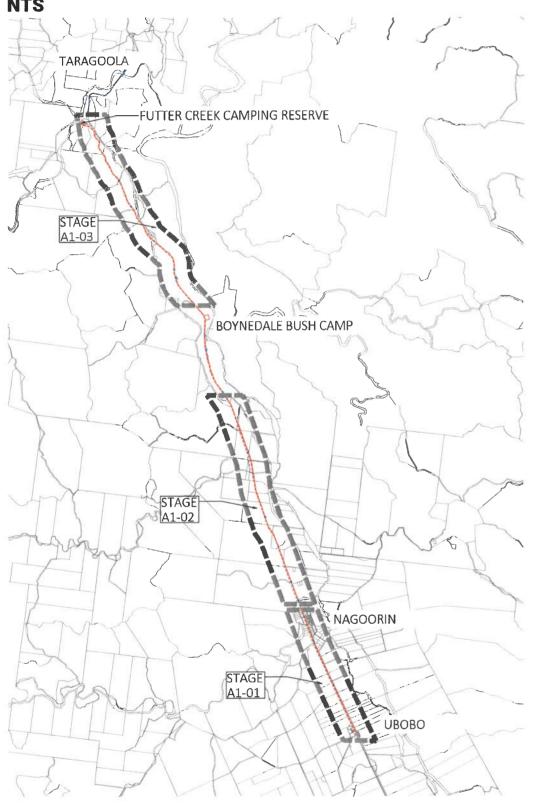
STAGING PLAN NTS



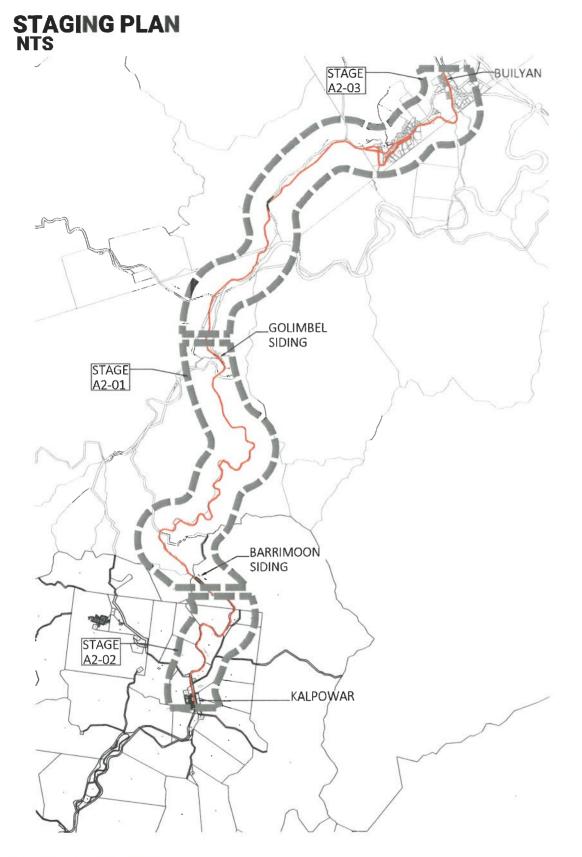
A1-01	Nagoorin Siding to Ububo Siding	1 Bridge 1 Road Crossing 2 Trail Heads / Sidings Fencing	
A1-02	Southern end of GAWB lease to Nagoorin	4 Bridges 4 Road Crossings	
A1-03	Futter Creek to northern end of GAWB lease	2 Bridges 2 Road Crossings	



		PR DIECT TITL
-		BOYNE BURNETT INLAND
F	FINAL CONCE?" DESIGN	1022-02-15 NH GE GE
E	DRAFT CONCEFT DESIGN	2021-00-C7 NH GE GE RAIL TRAIL
D	DRAFT CONCEPT DESIGN	2021-08-27 NH CE GE CONTOCOT DECLONE
c	DRAFT CONCEPT DESIGN	2021-08-27 MH CE GE CONCEPT DESIGN
8	DRAFT CONCEPT DESIGN	TARAGOOLA TO UBOBO
4	DRAFT CONCEPT DESIGN	1021 06 22 AS ME GE TAKAGUULA TU UDUDU
ISSUE	DETAILS	DATE DES DC QA



	STAGING PLAN		
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A2 - 01	Golimbel Siding to Barrimoon Siding	 6 Tunnels 1 Bridge 2 Trail Heads / Sidings 	
A2-02	Barrimoon Siding to Kalpowar Siding	 - 3 Bridges - 1 Road Crossing - 1 Trail Head / Siding 	
A2-03	Bullyan Siding to Golimbel Siding	 6 Bridges 4 Road Crossings 1 Trail Head / Siding 	

					PPOJECT TITLE	- CARENCE
_				_	BOYNE BURN	ETT INLAND
F	FINAL CONCEPT DECIGN	2023 32 15	NH	GE		
E	OP4FT CONCEPT DESIGN	2021-09-07	NH	6.6	RAIL TRAIL	
D	DRAFT CONCEPT DESIGN	2021-08-27	NH	СE	CONCEPT DE	CICNI .
c	DRAFT CONCEPT DESIGN	2021-37-22	NH		CONCEPT DE	
6	DRAFT CONCEPT DESIGN	1921-07-15	Aŝ	ME	BUILYAN TO I	
د (DRAFT CONCEPT DESIGN	2021 06 18	Aŝ	ME	DUILTAN TU	ALPUWAR
ISSUE	DETAILS	DATE	DES	DC		



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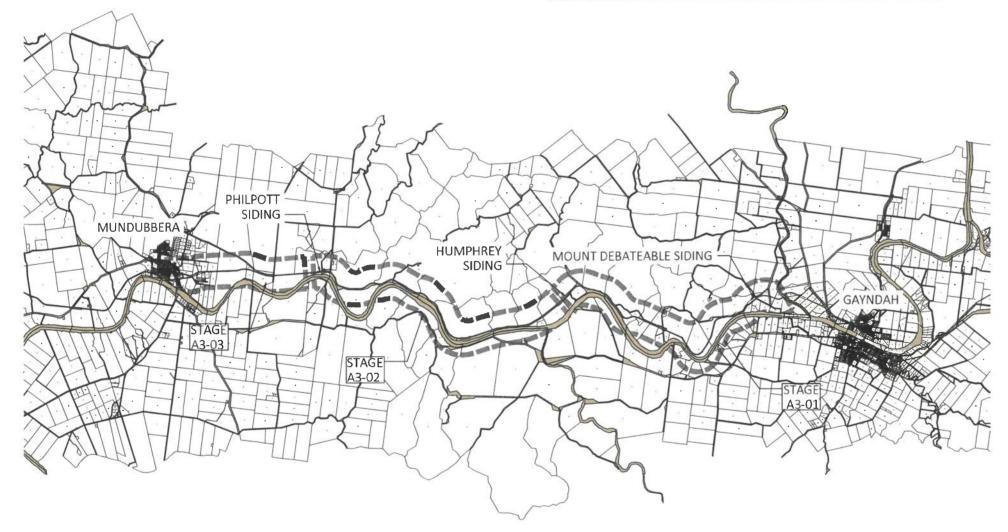


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	STAGING PLAN		
ADSTONE	DOOR ON THE ARMS	10 M. PA	
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STAGING PLAN NTS

A3-01	Reid Creek to Humphrey Siding	2 Trail Heads / Sidings S Road Crossings 1 Bridge 1 Siding	
A3 - 02	Humphrey Siding to Philpott Siding	2 Trail Heads / Sidings 7 Bridges	
A3 - 03	Philpott Siding to Mundubbera	2 Bridges 3 Road Crossings	





SSUE	DETAILS	DATE	OES	DC	DA		COPYRIGHT & SSUE FURIAL COMPLETATION FORM ON IN ADDITION FOR PARTICLE WHILE
۵	DRAFT CONCEPT DESIGN	2021 06 22	Aŝ	ME	GE	WONDOBERA TO GATNDAT	
B	DRAFT CONCEPT DESIGN	2021-07-16		ME	GE		
C C	DRAFT CONCEPTIOESIGN	2021-07-22	NH	0Ŀ	GŁ	CONCEPT DESIGN	REGI
D	DPAFT CONCEPT DESIGN	2021-28-27	NH	СĒ	GE	CONCEPT DESIGN	DECK
C	DIVERT CONSCRIPTIONSIGN	2021-29-07				TRAIL	- GLA
F	FINAL CONCEPT DESIGN	2022 22 15	NH	ΘE	GE	TDAU	
						BOYNE BURNETT INLAND RAIL	-
						PROJECT TITL	CUENT



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	STAGING PLAN		
ADSTONE			
IONAL COUNCIL	AND INTERFORMET	No. of Concession, Name	10.00
yan a Satinenkit na cenco je toknusi initialogo da otrvitis oti ort staktuseos magi, fili istremos ketaliku jer Tučnim 1	G3491-A3	CS 02	F
			_

	LE OF TRAIL WORKS - BUDG	ET ESTIMATE								
FOR DISC Project Address Project No Date Created Date Modifed Client	BBIRT G3491 22 June 2021 9/09/2021 - Issue C Gladstone Regional Council			Trail Area Estimator QA	ME					
					OPTION 1		OPTION 2		OPTION 3	
	ode Description	Specification	Unit	Rate	Qty.	Total	Qty.	Total	Qty. To	otal
A1 Prei	iminaries									
1 1	Preliminaries	Attendance at prestart, coordinate with civil and survey. Site setup.	item	\$100,000.00	1.00	\$ 100,000.00	1.00	\$ 100,000.00	1.00 \$	100,000.0
				Sub-total	100,000.00		100,000.00		100,000.00	
A2 Veg	etation Management	Provide and		40.50	74 000 00	\$ 17,000.00	34,000.00	\$ 17,000.00	34,000.00 \$	17,000.0
A2 1 A2 2	Slashing Preventative vegetation management	Slash trail. Preventative vegetation management.	lin m. lin m.	\$0.50 \$1.00	34,000.00 34,000.00		34,000.00		34,000.00 \$	34,000.0
		Including spraying, pruning		Sub-total	\$1,000.00		51,000.00		51,000.00	
A3 Trai	I Surface		And Comme			Anna anna anna anna anna anna anna anna				
43 1	Trail Surface Treatment Type 1	Upgrade and repair trail surface to all trail 2.5m wide, 50mm thick, compacted.	lin m.	\$30.00		\$-	19,973.00	\$ 599,190.00	17,000.00 \$	
43 2	Trail Surface Treatment Type 2	Upgrade and repair trail surface to all trail 2.5m wide, 100mm thick, compacted.	lin m.	\$45.00	8	\$	11,057.00	\$ 497,565.00	\$	
13 3	Trail Surface Treatment Type 3	Upgrade and repair trail surface to all trail 2.5m wide, 200mm thick, compacted	lin m.	\$60.00	33,000.00	\$ 1,980,000.00	2,970.00	\$ 178,200.00	- \$	10
43 4	Trail Surface Treatment Type 4	Upgrade and repair trail surface to all trail 2.5m wide, 200mm thick, compacted. 1m bridle trail.	tin m.	\$150.00	1,000.00	\$ 150,000.00		\$	- \$	
				Sub-total	2,130,000.00		1,274,955.00		510,000.00	
A4 Sign	Distance Markers					\$ 6,250.00	25.00	\$ 6,250.00	25.00 \$	6,250.0
		New distance markers	ea	\$250.00	25.00				62.00 \$	
4 2	Directional signs		ea	\$250.00	62.00	\$ 15.500.00		\$ 15,500,00		15,500.0
				Sub-total	21,750.00		21,750.00		21,750.00	
A5 Fen	ces & Gates Standard Trail Grid & Gate	Standard Trail Gate	ltem	\$5,000.00	4.00	\$ 20,000.00	4.00	\$ 20,000.00	4.00 \$	20,000.0
		Allow 50m of new post and wire fencing								
A5 2	Edge markers	"Timber bollards	item	\$70.00	200.00	\$ 14,000.00	200.00	\$ 14,000,00	200.00 \$	14,000.0
AS 3	Fencing	500mm high, 100x100mm" New stock fence to Road Reserve edge between Nagoorin &	lin m.	\$15.00	5,365.00	\$ 80,475.00	5,365.00	\$ 80,475.00	5,365.00 \$	80,475.0
45 4	Cattle Grid	Ubobo New 3.5m cattle grid	ea	\$5,000.00	1.00	\$ 5,000.00	1.00	\$ 5,000.00	1.00 \$	S,000.0
				Sub-total	119,475.00		119,475.00		119,475.00	
B ROAD	CROSSINGS									
B1 ROA	AD CROSSING 1 - NELLIE SIMPSON Road Safety Signs	ROAD, DIGLUM 2No. "Rail Trail Crossing" - R501		Č100.00		\$ 2,000.00		\$ 2,000.00	4 \$	2,000.0
	Road Safety Signs	2No. "Rail Trail Crossing: - KSOL 2No. "Rail Trail Crossing, X distance Ahead"	69	\$500.00	4	\$ 2,000.00	4	\$ 2,000,00	4 5	2,000,0
81 2	Trail signs	2No. "Trail Crossing, Cyclists Dismount"	ea	\$500.00	4	\$ 2,000.00	4	\$ 2,000.00	4 \$	2,000.0
		2 No. "Give Way"	_							
				Sub-total	\$ 4,000.00		\$ 4,000.00		\$ 4,000.00	
	AD CROSSING 2 - UN-NAMED ROA									
B2 1	Road Safety Signs	2No. "Rail Trail Crossing" - RSO1 2No. "Rail Trail Crossing, X distance Ahead" - RSO1, RSO2	ea	\$500.00	4	\$ 2,000.00	4	\$ 2,000.00	4 \$	2,000.0
								4	4 \$	2,000.0
82 2	Trail signs	2No. "Trail Crossing, Cyclists Dismount" - T501 2 No. "Give Way" - T502	ea	\$500.00	4	\$ 2,000.00	4	\$ 2,000.00	4,5	2,000.0
									4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	
				Sub-total	\$ 4,000.00		\$ 4,000.00		\$ 4,000.00	
B3 ROA	AD CROSSING 3 - Gladstone Monto Road Safety Signs	2No. "Rail Trail Crossing" - RS01	ea	\$500,00	4	\$ 2,000.00	4	\$ 2,000.00	4 \$	2,000.0
		2No. "Rail Trail Crossing, X distance" - RSO1, RSO2								
B3 2	Trail signs	2No. "Trail Crossing, Cyclists Dismount" - TS01 2 No. "Give Way" - TS02	ea	\$500.00	4	\$ 2,000.00	4	\$ 2,000.00	4 \$	2,000.0
				Sub-total	\$ 4,000.00		\$ 4,000.00		\$ 4,000.00	
	AD CROSSING 4 - Gladstone Monto			A				é	4 \$	2,000.0
84 1	Road Safety Signs	2No. "Rail Trail Crossing" - RSO1 2No. "Rail Trail Crossing, X distance Ahead" - RSO1, RSO2	ea	\$500.00	4	\$ 2,000.00	4	\$ 2,000.00	4 \$	2,000.0
34 2	Trail signs	2No. "Trail Crossing, Cyclists Dismount" - TS01	ea	\$500.00	4	\$ 2,000.00	4	\$ 2,000.00	4 \$	2,000.0
		2 No. "Give Way" - T502								
				Sub-total	4,000.00		4,000.00		4,000.00	
	AD CROSSING 5 - MARBLE CREEK R			Aparat				ć 3.000.00	4 \$	2,000.0
35 1	Road Safety Signs	2No. "Rail Trail Crossing" - RS01 2No. "Rail Trail Crossing, X distance Ahead" - RS01, R502	ea	\$500.00	4	\$ 2,000.00	4	\$ 2,000.00	4 5	2,000.0
B5 2	Trail signs	2No. "Trail Crossing, Cyclists Dismount" - TS01	ea	\$500.00	4	\$ 2,000.00	4	\$ 2,000.00	4 \$	2,000.0
		2 No. "Give Way" - T502								
B5 3	Trail Grid & Gate	2no. Trail Grid & Gate Allow 50m of new post and wire fencing	ea	\$5,000.00		\$ 10,000.00		\$ 10,000.00	2 \$	10,000.00
				Sub-total	14,000.00		14,000.00		14,000.00	

Allow 50m of new post and wire fencing Sub-total 14,000.00 L

14,000.00

B6	ROAD CROSSING 6 - UN-NAMED ROAD, BOYNE VALLEY										
B6 1		Road Safety Signs	2No. "Rail Trail Crossing" - RS01 2No. "Rail Trail Crossing, X distance Ahead" - RS01, RS02	ea	\$500.00	4	\$ 2,000.00	4	\$ 2,000.00	4	\$ 2,000.00
B6 2		Trail signs	2No. "Trail Crossing, Cyclists Dismount" - TSO1 2 No. "Glve Way" - TSO2	ea	\$500.00	4	\$ 2,000.00	4	\$ 2,000.00	4	\$ 2,000.00
B6 3		Trail Grid & Gate	2no. Trail Grid & Gate Allow 50m of new post and wire fencing	ea	\$5,000.00	2	\$ 10,000.00	2	\$ 10,000.00	2	\$ 10,000.00
					Sub-total	14,000.00		14,000.00		14,000.00	

B7								She new party of			
B7 1			2No. "Rail Trail Crossing" - R501 2No. "Rail Trail Crossing, X distance Ahead" - R501, RS02	ea	\$500.00	4	\$ 2,000.00	4	\$ 2,000.00	4	\$ 2,000,00
87 2			2No. "Trail Crossing, Cyclists Dismount" - TS01 2 No. "Give Way" - TS02	ea	\$500.00	4	\$ 2,000.00	4	\$ 2,000.00	4	\$ 2,000.00
				1	Sub-total	4,000.00		4,000.00		4,000.00	

B8 ROAD CROSSING 8 - MORAN ROAD, NAGOORIN

88	1		2No. "Rail Trail Crossing" - RSO1 2No. "Rail Trail Crossing, X distance Ahead" - RSO1, RSO2	ea	\$500.00	4	\$ 2,000.00	4	\$ 2,000.00	4	\$ 2,000.00
B8	2		2No. "Trail Crossing, Cyclists Dismount" - TSD1 2 No. "Give Way" - TSD2	ea	\$500.00	4	\$ 2,000.00	4	\$ 2,000.00	4	\$ 2,000.00
					Sub-total	4,000.00		4,000.00		4,000.00	

C TRAIL HEADS

1 FL	utter Creek								Contract - Contract - Contract	
1 1	Carpark	1 Concrete PWD park	ea	\$5,000.00	1	\$ 5,000.00	1	\$ 5,000.00	1	\$ 5,000.00
1 2	Large Shelter	8x10m pre-fabricated shefter Powder coated steel 1x2000 poly water tank including shown furniture	ea	\$65,000.00	1	\$ 65,000.00	1	\$ 65,000.00	1	\$ 65,000.00
1 3	Concrete footpath	1.5m wide concrete footpath 100mm depth, plain grey N25 with F72 Mesh	m²	\$120.00	100	\$ 12,000.00	100	\$ 12,000.00	100	\$ 12,000.00
1 4	Trees	100 Litre trees with 3 months of watering and maintenance	ea	\$500.00	20	\$ 10,000.00	20	\$ 10,000.00	20	\$ 10,000.00
1 5	Bollards	Timber bollards 900mm hisb, 200x100mm	ea	\$120.00	50.00	\$ 6,000.00	50.00	\$ 6,000.00	50.00	\$ 6,000.00
1 6	Trail Head Sign		ea	\$2,000.00	1.00	\$ 2,000.00	1.00	\$ 2,000.00	1.00	\$ 2,000.00
1 7	Code of conduct sign		ea	\$800.00	1.00		1.00			\$ 800.00
1 8	Large interpretive signs		ea	\$1.500.00	2.00		2.00		2.00	\$ 3,000.00
	I			Sub-total	103,800.00		103,800.00		103,800.00	

C2	Nagoor	rin			The second second						
2 1		Carpark	6 car carpark, including 1 Concrete PWD park 200mm gravel 1 coat spray seal	ea	\$10,000.00	1	\$ 10.000.00	1	\$ 10,000.00		
22 2		Large Sheiter	8x10m pre-fabricated shelter Powder coated steel 1x20001 poly water tank Including shown furniture	ea	\$65,000.00	1	\$ 65,000.00	1	\$ 65,000.00		
7 3		Trees	100 Litre trees with 3 months of watering and maintenance	éa	\$500.00	20	\$ 10,000.00	20	\$ 10,000.00	MANAGAN DE LA T	
2 4		Bollards	Timber bollards 900mm high, 200x100mm	ea	\$120.00	50.00	\$ 6,000.00	50.00	\$ 6,000.00		
2 5		Trail Head Sign		ea	\$2,000.00	1.00	\$ 2,000.00	1.00	\$ 2,000.00		
2 6		Code of conduct sign		ea	\$800.00	1.00	\$ 800.00	1.00	\$ 800.00	A CONTRACTOR OF A CONTRACTOR O	6227
2 7		Large Interpretive signs		ea	\$1,500.00	2.00	\$ 3,000.00	2.00	\$ 3,000.00		Carl
2 8		Earthworks and signage	To allow detour along Gladstone Monto Road	ea	\$25,000.00	1.00	\$ 25,000.00	1.00	\$ 25,000.00		
			I		Sub-total	121.800.00		121,800.00		NUMBER OF STREET, STREET, ST.	

3	Ubobo									Market State	
3 1		Carpark	6 car carpark, including 1 Concrete PWD park 200mm gravel 1 coat spray seal	ea	\$10,000.00	1	\$ 10,000.00	1	\$ 10,000.00	1	\$ 10,000.00
3 2		Large Shelter	8x10m pre-fabricated shelter Powder coated steel water tank including shown furniture	69	\$65,000.00	1	\$ 65,000.00	1	\$ 65,000.00	1	\$ 65,000.00
3 3		Horse Yard	12x4m pre-fabricated steel horse yard Powder coated steel	ea	\$4,000.00	1	\$ 4,000.00	1	\$ 4,000.00	1	\$ 4,000.00
3 4		Concrete footpath	1.5m wide concrete footpath 100mm depth, plain grey N25 with F72 Mesh	m²	\$120.00	100	\$ 12,000.00	100	\$ 12,000.00	100	\$ 12,000.00
3 5		Trees	100 Litre trees with 3 months of watering and maintenance	ea	\$500.00	20	\$ 10,000.00	20	\$ 10,000.00	20	\$ 10,000.00
3 6		Bollards	Timber bollards 900mm high, 200x100mm	ea	\$120.00	50.00	\$ 6,000.00	50.00	\$ 6,000.00	50.00	\$ 6,000.00
3 7		Trail Head Sign		ea	\$2,000.00	1.00	\$ 2,000.00	1.00	\$ 2,000.00	1.00	\$ 2,000.00
3 8		Code of conduct sign		ea	\$800.00	1.00		1.00	\$ 800.00	1.00	\$ 800.00
3 9		Large interpretive signs		ea	\$1,500.00	2.00			\$ 3,000.00	2.00	\$ 3,000.00
3 10)	Small camping signs		ca	\$50.00	6.00	\$ 300.00			6.00	\$ 300.00
3 11	1	Camping sign		ea	\$250.00	1,00	\$ 250.00	1.00	\$ 250.00	1.00	\$ 250.00
	-		1		Sub-total	113,350.00		113,350.00		113,350.00	

D BRIDO	GES	and the second of the second states and the second second second states and			States and the states of the s	- Contractor and	States and the states of the state			
	e estimates are subject to detailed design and fi	urther investigation.								
01 Un	n-named Bridge	Manufacture and the second			a competition		and the state of the			A REPORT OF COMPANY
Conversio	on									and the state of the state
01 1	Board and Rail	Steel and aluminium pre-fabricated board and rail modification to bridge.	lin m.	\$2,000.00	26.00 \$	52,000.00				
01 2	Structure Repair	Refer structural report	lin m.	\$4,000.00	26.00 Ś	104,000.00	A CONTRACTOR OF	100 State 100 State	128.51 2.52 2.53	
01 3	Scour & Erosion Repair	Refer geo-tech report	m ²	\$100.00	78.00 \$	7,800.00	11101 ACC0			STATISTICS.
01 4	Vegetation management	Brushcut and poison growth around footings and abutments.	m²	\$5.00	156.00 \$	780.00	156.00 \$	780.00	156.00	\$ 780.0
01 5	Detritus removal	Remove dead vegetation, gravels, rocks and other detritus washed downstream from around footings and invert of creek to prevent build up and damage and allow for easier inspection	m3	\$100.00	10.00 \$	1,000.00	10.00 \$	1,000.00	10.00	\$ 1,000.0
01 6	Safetysignage		eə	\$350.00	2.00 \$	700.00	12.1 × 12.0 × 10.0		NOT STREET, ST	
1 7	Small interpretive sign		ea	\$250.00	1.00 \$	250.00	1.00 \$	250.00	1.00	\$ 250.0
01 8	Standard Trail Gate	Zno. Standard Trail Gate Allow 50m of new post and wire fencing	ea	\$5,000.00	2 \$	10,000.00	2 \$	10,000.00	2	\$ 10,000.0
01 9	Horse Mounting Seats		ea	\$500.00	2.00 \$	1,000.00	White a fair to be a fair of the		Land Lines of	
01 10	Balustrading to Abutment	Free standing, to match board and rail	lin m.	\$350.00	32.00 \$	11,200.00				
Alternate	e Route Construction				THE REAL PROPERTY AND	PROPERTY AND	New York Colored	SUPPORT AND		
01 11	Earthworks	Earthworks to create safe trail around bridge	m3	\$50.00	Read Street Read		50.00 \$	2,500.00	50.00	\$ 2,500.0
01 12	Trail Surface Treatment Type 3	Upgrade of trail surface to ensure it is suitable to traverse	lin m.	\$60.00			40.00 \$	2,400.00	40.00	\$ 2,400.0
01 13	Directional signs		ea	\$250.00			4.00 \$	1,000.00	4.00	\$ 1,000.0
				Sub-total	188,730.00		12,030.00	2,000.00	12,030.00	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
D2 Po	ortentia Creek Bridge			Constant of the second			THE REAL PROPERTY OF			
02 1	Balustrade	Steel and aluminium pre-fabricated handrail	lin m.	\$500.00	75.00 \$	37,500.00	75.00 \$	37,500.00	75.00	\$ 37,500.0
2 2	Structure Repair	Refer structural report	lin m.	\$500.00	75.00 \$	37,500.00	75.00 \$	37,500.00	75.00	\$ 37,500.0
02 3	Scour & Erosion Repair	Refer geo-tech report	m ²	\$50.00	150.00 \$	7,500.00	150.00 \$	7,500.00	150.00	\$ 7,500.0
02 4	Vegetation management	Brushcut and poison growth around footings and abutments.	m²	\$5.00	50.00 \$	250.00	50.00 \$	250.00	50.00	\$ 250.0
02 5	Detritus removal	Remove dead vegetation, gravels, rocks and other detritus washed downstream from around footings and invert of creek to prevent build up and damage and allow for easier inspection	m3	\$100.00	5.00 \$	500.00	5.00 \$	500.00	5.00	\$ 500.0
02 6	Sa fety signage		ea	\$350.00	2.00 \$	700,00	2.00 \$	700,00	2.00	\$ 700.0
DZ 7	Small interpretive sign		ea	\$250.00	1.00 \$	250.00	1.00 \$	250.00	1.00	
D2 8	Horse Mounting Seats		ea	\$500.00	2,00 \$	1,000.00	2.00 \$	1,000.00	2.00	
02 9	Balustrading to Abutment	Free standing, to match board and rail	lin m.	\$350.00	32.00 \$	11,200.00	32.00 \$	11,200.00	32.00	\$ 11,200.0
				Sub-total	85,200.00		85,200.00		85,200.00	10000 and 1000 and 1000

D	3	Marble Creek Bridge		21-21		A State of the state of the			121974 3-1717	Cartal Card Seattle	and the second
D3	1	Board and Rail	Steel and aluminium pre-fabricated board and rail modification to bridge.	lin m.	\$2,000.00	75	\$ 1	150,000.00	and then		
D3	2	Structure Repair	Refer structural report	lin m.	\$6,000.00	75	\$ 4	450,000.00	INSTATIS OF LAND		

3 3	Scour & Erosion Repair	Refer geo-tech report	m³	\$50.00	225 \$	11,250.00				
03 4	Vegetation management	Brushcut and poison growth around footings and abutments.	m²	\$5.00	450 \$	2,250.00	450 \$	\$ 2,250.00	450	\$ 2,250.00
03 5	Detritus removal	Remove dead vegetation, gravels, rocks and other detritus washed downstream from around footings and invert of creek to prevent build up and damage and allow for easier inspection	m3	\$100.00	20 \$	2,000.00	20 ;	\$ 2,000.00	20	\$ 2,000.00
03 6	Safetysignage		ea	\$350.00	2 \$	700.00		Chiefe La		
03 7	Small Interpretive sign		ea	\$250.00	1 5	250.00	1 5	\$ 250.00	1	\$ 250.00
03 8	Standard Trail Gate	Standard Trail Gate Allow 50m of new post and wire fencing	łtem	\$5,000.00	2 \$	10,000.00	2 5	\$ 10,000.00	2	\$ 10,000.00
03 9	Horse Mounting Seats		ea	\$500.00	2.00 \$	1,000.00				
03 10	Balustrading to Abutment	Free standing, to match board and rail	lin m.	\$350.00	32.00 \$	11,200.00				
Alternate	Route Construction				A Date & USE & St				A COLORADO DE CARACINA	a she had a she had be
03 11	Earthworks	Earthworks to create safe trail around bridge	m3	\$50.00	Subject (Directory)	Million and a state	180.00	\$ 9,000.00	180.00	\$ 9,000.00
) 12	Trail Surface Treatment Type 3	Upgrade of trail surface to ensure it is suitable to traverse	lin m.	\$60.00	And And Internet		100.00	\$ 6,000.00	100.00	\$ 6,000.00
03 13	Directional signs		ea	\$250.00	TANK STATE		4.00	\$ 1,000.00	4.00	\$ 1,000.00
			101-1-1	Sub-total	627,450.00		14,500.00		14,500.00	Sector and the sector

										·
D4 Oak	y Creek Bridge					Angeling Fair and				
D4 1	Board and Rail	Steel and aluminium pre-fabricated board and rail modification to bridge.	lin m.	\$2,000.00	48 \$	96,000.00	48 \$	96,000.00		
D4 2	Structure Repair	Refer structural report	fin m.	\$8,000.00	48 \$	384,000.00	48 \$	384,000.00		
D4 3	Scour & Erosion Repair	Refer geo-tech report	m ²	\$100.00	144 \$	14,400.00	144 \$	14,400.00		
D4 4	Vegetation management	Brushcut and poison growth around footings and abutments.	m²	\$5.00	288 \$	1,440.00	288 \$	1,440.00	288	\$ 1,440.00
D4 5	Detritus removal	Remove dead vegetation, gravels, rocks and other detritus washed downstream from around footings and invert of creek to prevent build up and damage and allow for easier inspection	m3	\$100.00	50 \$	5,000.00	50 \$	5,000.00	50	\$ 5,000,00
D4 6	Safety signage		ca	\$350.00	2 \$	700.00	2 \$	700.00		
D4 7	Small interpretive sign		ea	\$250.00	1 \$	250.00	1 \$	250.00	1	\$ 250.00
D4 8	Standard Trail Gate	Standard Trail Gate Allow 50m of new post and wire fencing	item	\$5,000.00	2 \$	10,000.00	2 \$	10,000.00	2	\$ 10,000.00
D4 9	Horse Mounting Seats		eə	\$500.00	2.00 \$	1,000.00	2.00 \$	1,000.00		Nelsa Para Shikasan
D4 10	Balustrading to Abutment	Free standing, to match board and rail	lin m.	\$350.00	32.00 \$	11,200.00	32.00 \$	11,200.00		a barren a barren b
Alternate	Route Construction									
D4 11	Earthworks	Earthworks to create safe trail around bridge	m3	\$50.00					100.00	\$ 5,000.00
D4 12	Trail Surface Treatment Type 3	Upgrade of trail surface to ensure it is suitable to traverse	lin m.	\$60,00					60.00	\$ 3,600.00
D4 13	Directional signs		ea	\$250.00					4.00	\$ 1,000.00
			107 and 10 and 10	Sub-total	523,990.00		523,990,00		16,690.00	

D5 Four	Mile Creek Bridge	A DESCRIPTION OF A DESC	-	NEVE CTUDE						
D5 1	Board and Rail	Steel and aluminium pre-fabricated board and rail modification to bridge.	lin m.	\$2,000.00	76 \$	152,000.00				
D5 2	Structure Repair	Refer structural report	lin m.	\$6,000.00	75 \$	450,000.00				
D5 3	Scour & Erosion Repair	Refer geo-tech report	m²	\$100.00	228 \$	22,800.00	Sector Contraction of the	and the second second	Part and Part of the	Carl Strength and a line
D5 4	Vegetation management	Brushcut and poison growth around footings and abutments.	m²	\$5.00	450 \$	2,250.00	450 \$	2,250.00	450 \$	2,250.00
D5 5	Detritus removal	Remove dead vegetation, gravels, rocks and other detritus washed downstream from around footings and invert of creek to prevent build up and damage and allow for easier inspection	m3	\$100.00	20 \$	2,000.00	20 \$	2,000.00	20 \$	2,000.00
D5 6	Safety signage		ea	\$350.00	2 \$	700.00	CONTRACTOR OF THE	No. March Carl		
D5 7	Small interpretive sign		ea	\$250.00	1 \$	250.00	1 \$	250.00	1 \$	250.00
D5 8	Standard Trall Gate	Standard Trail Gate Allow 50m of new post and wire fencing	item	\$5,000.00	2 \$	10,000.00	2 \$	10,000.00	2 \$	10,000.00
D5 9	Horse Mounting Seats		ea	\$500.00	2.00 \$	1,000.00	AVER STOLEN			SYSTEM STREET
D5 10	Balustrading to Abutment	Free standing, to match board and rail	lin m.	\$350.00	32.00 \$	11,200.00		The state of the state		1. Start Start Start
Alternate F	Route Construction			THE REAL PROPERTY AND						The second state of the
D5 11	Earthworks	Earthworks to create safe trail around bridge	m3	\$50.00	C. S. C. S. C. S.		150 \$	7,500.00	150 \$	7,500.00
05 12	Trail Surface Treatment Type 3	Upgrade of trail surface to ensure it is suitable to traverse	lin m.	\$60.00			85 \$	5,100.00	85 \$	5,100.00
D5 13	Directional signs		ea	\$250.00			4 \$	1,000.00	4 \$	1,000.00
654 - 100 - 11				Sub-total	652,200.00		14,500.00	1000	14,500.00	

)6	De Galgi	l Creek Bridge	the studies of any site of the state of the								Contraction of the second
6 1		Board and Rail	Steel and aluminium pre-fabricated board and rail modification to bridge.	lin m.	\$2,000.00	112 \$	224,000.00				
6 2		Structure Repair	Refer structural report	lin m.	\$6,000.00	112 \$	672,000.00				
6 3		Scour & Erosion Repair	Refer geo-tech report	m ²	\$100.00	336 \$	33,600.00	336 \$	33,600.00	336	\$ 33,500.00
6 4		Vegetation management	Brushcut and polson growth around footings and abutments.	m²	\$5.00	672 \$	3,360.00	672 \$	3,360.00	672	\$ 3,360.00
6 5		Detritus removal	Remove dead vegetation, gravels, rocks and other detritus washed downstream from around footings and invert of creek to prevent build up and damage and allow for easier inspection	m3	\$100.00	50 \$	5,000.00				
6 6		Safety signage		eə	\$350.00	2 \$	700.00				
6 7		Small Interpretive sign		ea	\$250.00	1 \$	250.00	1.00 \$	250.00	1.00	\$ 250.00
68		Standard Trail Gate	2no. Standard Trail Gate Allow 50m of new post and wire fencing	ea	\$5,000.00	2 \$	10,000.00	2 \$	10,000.00	2	\$ 10,000.00
6 9		Horse Mounting Seats		ea	\$500.00	2 \$	1,000.00				
6 10		Balustrading to Abutment	Free standing, to match board and rail	lin m.	\$350.00	32 \$	11,200.00				
Alter	rnate Rout	e Construction	Science and a statistic state of the second states						and the state of the	No. Contractor	the state of the
6 11	1	Earthworks	Earthworks to create safe trail around bridge	m3	\$50.00			225 \$	11,250.00	225	\$ 11,250,00
6 12	2	Trail Surface Treatment Type 3	Upgrade of trail surface to ensure it is suitable to traverse	lin m.	\$60.00	hard a start		100 \$	6,000.00	100	\$ 6,000.00
6 13	9	Directional signs		ea	\$250.00			4 \$	1,000.00	4	\$ 1,000.00
					Sub-total	949,910.00	1	47,210.00		47,210.00	

D7	R	Railway Terrace Bridge		The state		interview corpo				The second s	second relay of the
D7 1		Board and Rail	Steel and aluminium pre-fabricated board and rail modification to bridge.	lin m.	\$2,000.00	51.00 \$	102,000.00	51.00	102,000,00	51.00	\$ 102,000.00
D7 2 D7 3	2	Structure Repair	Refer structural report	lin m.	\$4,000.00	51.00 \$	204,000.00	51.00	204,000.00	52.00	\$ 208,000.00
		Scour & Erosion Repair	Refer geo-tech report	m²	\$100.00	150.00 \$	15,000.00	156.00	15,600.00	150.00	\$ 15,000.00
D7 4		Vegetation management	Brushcut and poison growth around footings and abutments.	m²	\$5.00	300.00 \$	1,500.00	300.00	1,500.00	300.00	\$ 1,500.00
D7 5	5	Detritus removal	Remove dead vegetation, gravets, rocks and other detritus washed downstream from around footings and invert of creek to prevent build up and damage and allow for easier inspection	m3	\$100.00	5.00 \$	500.00	5.00	\$ 500.00	5.00	\$ 500.00
D7 6	;	Safety signage		ea	\$350.00	2.00 \$	700.00	2.00	700.00	2.00	\$ 700.00
D7 7	7	Small interpretive sign		ea	\$250.00	1.00 \$	250.00	1.00	250.00	1.00	\$ 250.00
D7 8		Standard Trail Gate	2no. Standard Trail Gate Allow 50m of new post and wire fencing	69	\$5,000.00	2 \$	10,000.00	2 5	10,000.00	2	\$ 10,000.00
D7 9		Horse Mounting Seats		ea	\$500.00	2.00 \$	1,000.00	2.00	1,000.00	2,00	\$ 1,000.00
07 1	0	Balustrading to Abutment	Free standing, to match board and rail	lin m.	\$350.00	32.00 \$	11,200.00	32.00	5 11,200.00	32.00	\$ 11,200.00
1					Sub-total	334,950.00		335,550.00		338,950.00	1
			Estimate Sub-Tor	tal (ex. GST):		17. 2010.000	6,220,405.00		3,057,260.00	Contraction and the	1,686,205.00
			Conti	ngency (20%)		\$	1,244,081.00	:	613,452.00		\$ 337,241.00
			Estimate To	al law CCTh		ć	7,464,486.00		3,680,712.00		\$ 2,023,446.00

FOR DI										
roject Addr roject No ate Created ate Modifie lient	G3491 17.6.2021			Trail Area Estimator QA	ME					
					OPTION 1		OPTION 2		OPTION 3	
	Description ERAL TRAIL	Specification	Unit	Rate	Qty.	Total	Qty.	Total	Qtty.	Total
I PI	eliminaries									
	Preliminaries	Attendance at prestart, coord with civil and survey. Site setup.	item	\$100,000.00	1	\$ 100,000.00	1	\$ 100,000.00	1	\$ 100,00
				Sub-total	100,000		100,000		100,000	
2 V	egetation Management		11-11-11-11-1		Contraction of the second					
2 1	Slashing	Slash trail.	lin m.	\$0.50	32,000		32,000	\$ 16,000.00	32,000	\$ 16,00
2 2	Preventative vegetation management	Preventative vegetation management. Including spraying, pruning.	lin m.	\$1.00	32,000	\$ 32,000.00	32,000	\$ 32,000.00	32,000	\$ 32,0
				Sub-total	48,000		48,000		48,000	
	ail Surface		12							2012
3 1	Trail Surface Treatment Type 1	Upgrade and repair trall surface to all trail 2.5m wide, 50mm thick, compacted.	tin m.	\$30.00			16,000	\$ 480,000.00	16,000	\$ 480,00
3 2	Trail Surface Treatment Type 2	Upgrade and repair trail surface to all trail 2.5m wide, 100mm thick, compacted.	lin m.	\$45.00			14,492	\$ 652,140.00		
3 3	Trail Surface Treatment Type 3	Upgrade and repair trail surface to all trail 2.5m wide, 200mm thick, compacted.	lin m.	\$60.00	31,000	\$ 1,860,000.00	1,508	\$ 90,480.00		
3 4	Trail Surface Treatment Type 4	Upgrade and repair trail surface to all trail	lin m.	\$150.00	1,000	\$ 150,000.00				
		2.5m wide, 200mm thick, compacted. 1m bridle trail.		Sub-total	2,010,000		1,222,620		480,000	
A4 Si										
4 SI	Distance Markers	New distance markers	ea	\$250.00	25	\$ 6,250.00	25	\$ 6,250.00	25	\$ 6,2
4 2	Rockfall safety signs		ea	\$250.00	20	\$ 5,000.00	20	\$ 5,000.00	20	\$ 5,0
4 3	Directional signs		ea	\$250.00	64	\$ 16,000.00	64		64	\$ 16,0
				Sub-total	27,250		27,250		27,250	
45 F	ences & Gates		1.75 102-10	Surger and a second			TOUS CONSIST			A STAR SA
5 1	Standard Trall Grid and Gate	Standard Trail Gate Allow 50m of new post and wire fencing	item	\$5,000.00	2	\$ 10,000,00	2	\$ 10,000.00	2	\$ 10,0
		······								
5 2	Edge markers	"Timber bollards 500mm high, 100x100mm"	item	\$70.00	200	\$ 14,000.00	200	\$ 14,000.00	200	\$ 14,00
				Sub-total	24,000		24,000		24,000	
				Sub-total	24,000		24,000		24,000	
A6 R	ock fall and fall from height	Allowance for 500m3 of material removal	m3	\$100.00	500	\$ 50,000.00	500	\$ 50,000.00	500	\$ 50,00
16 2 16 3	Rock catch fencing Active rock fail retaining structures	Allowance for 1000m of rock catch fence Allowance for 10No. 10m long x 1m high retaining structures	lin m. each	\$250.00 \$5,000.00	1,000 10	\$ 250,000.00	1,000 each	\$ 250,000.00 \$5,000.00	1,000	\$ 250,00
			each	\$5,000.00	10		each			
4	Balustrading	Fall protection balustrading, Allowance of 200m	ea	\$150.00	200	\$ 30,000.00	100	\$ 15,000.00	100	\$ 15,0
		1		Sub-total	380,000		320,000		365,000	
B ROA	D CROSSINGS									
B1 R	OAD CROSSING 1 - GLADSTON	NE MONTO BOAD BUILVAN								
	Road Safety Signs	2No. "Rail Trail Crossing"	ea	\$500.00	5	\$ 2,500.00	5	\$ 2,500.00	5	\$ 2,5
		2No. "Rail Trail Crossing, X distance Ahead" 1No. "Rail Trail Crossing, X distance Ahead, On side road"								
B1 2	Trail signs	ZNo. "Trail Crossing, Cyclists Dismount"		6500.00		¢			4	\$ 2,0
	The ages	2 No. "Give Way"	ea	\$500.00	*	\$ 2,000.00	4	\$ 2,000.00	1	Ş 2,0
				Sub-total	4,500		4,500	1	4,500	
		NE MONTO ROAD, BOYNE VALLEY								
32 1	Road Safety Signs	2No, "Rail Trail Crossing" 2No, "Rail Trail Crossing, X distance Ahead"	ca	\$500.00	4	\$ 2,000.00	4	\$ 2,000.00	4	\$ 2,0
B2 2	Trail signs	2No. "Trail Crossing, Cyclists Dismount" 2 No. "Give Way"	ea	\$500.00	4	\$ 2,000,00	4	\$ 2,000.00	4	\$ 2,0
82 3	Standard Trail Gate	2no. Standard Trail Gate		\$5,000.00		\$ 10,000.00	2	\$ 10,000.00	2	\$ 10,0
02 3	Sundard Han Gate	Allow 50m of new post and wire fencing	ea	\$5,000,00	2	\$ 10,000.00	2	\$ 10,000.00	2	5 10,0
		-	1	Sub-total	14,000		14,000		14,000	
83 R	OAD CROSSING 3 - CHILDS RC	AD. BOYNE VALLEY						Charles and the second	State experience and	
B3 1	Road Safety Signs	2No. "Rail Trail Crossing"	ea	\$500.00	5	\$ 2,500.00	5	\$ 2,500.00	5	\$ 2,5
		1No. "Rail Trail Crossing, X distance Ahead" 2No. "Rail Trail Crossing, X distance Ahead, on side road								
	Tenil alena	2No "Tail Generics College Dimension						é		é
B3 2	Trail signs	2No. "Trail Crossing, Cyclists Dismount" 2 No. "Give Way"	ea	\$500.00	4	\$ 2,000.00	4	\$ 2,000.00	4	\$ 2,0
B3 3	Trail Gate (бm)	2no. 6m Trail Gate	ea	\$6,000.00	2	\$ 12,000.00	2	\$ 12,000.00	2	\$ 12,0
		Allow 50m of new post and wire fencing								
_								1		

-											
					Sub-total	16,500		16,500		16,500	
84	ROA	D CROSSING 4 - GLADS	TONE MONTO ROAD, BOYNE VALLEY						1941-19-00-19-00		
14		Road Safety Signs	2No. "Rail Trail Crossing" 2No. "Rail Trail Crossing, X distance Ahead"	ea	\$500.00	4	\$ 2,000.00	4	\$ 2,000.00	4	\$ 2,000.
14 2		Trail signs	2No. "Trail Crossing, Cyclists Dismount" 2 No. "Give Way"	ea	\$500.00	4	\$ 2,000.00	4	\$ 2,000.00	4	\$ 2,000.0
34 3		Standard Trafi Gate	2no. Standard Trail Gate Allow 50m of new post and wire fencing	ea	\$5,000.00	2	\$ 10,000.00	2	\$ 10,000.00	2	\$ 10,000.0
	_				Sub-total	14,000		14,000		14,000	
B5	ROA	D CROSSING 5 - PINE S	TREET, KALPOWAR	10 N		AND THE REAL VE	The second second is	Per la company			
35 1		Road Safety Signs	2No. "Rail Trail Crossing" 1No. "Rail Trail Crossing, X distance Ahead" 2No. "Rail Trail Crossing, X distanceAhead, on side road	69	\$500.00	5	\$ 2,500.00	5	\$ 2,500.00	5	\$ 2,500.0
35 2		Trail signs	2No. "Trail Crossing, Cyclists Dismount" 2 No. "Give Way"	ea	\$500.00	4	\$ 2,000.00	4	\$ 2,000.00	4	\$ 2,000.0

						Sub-total	4,500	l.	4,500	1	4,500	1
С	TR	AIL	IEADS		NYL AND	(Land Start		Sause Grown	Sand Lander with	and the second second		and the second
C1		Buily	ran	Contraction of the second second second second		and according to	A Description of the state	A TOTAL CONST	States and the set	STATISTICS IN CASE	SCOURCE STORES	1 Designation of the
C1	1		Carpark	6 car carpark, including 1 Concrete PWD park 200mm gravel 1 coat spray seal	ea	\$10,000.00	1	\$ 10,000.00	1	\$ 10,000.00	1	\$ 10,000.0
C1 :	2		Large Shelter	8x10m pre-fabricated shelter Powder coated steel 1x2000l poly water tank Including shown furniture	ea	\$65,000.00	1	\$ 65,000.00	1	\$ 65,000.00	1	\$ 65,000.0
C1 3	3		Horse Yard	12x4m pre-fabricated steel horse yard Powder coated steel	ea	\$4,000.00	1	\$ 4,000.00	1	\$ 4,000.00	1	\$ 4,000.0
C1 4	4		Concrete footpath	1.5m wide concrete footpath 100mm depth, plain grey N25 with F72 Mesh	m²	\$120.00	100	\$ 12,000.00	100	\$ 12,000.00	100	\$ 12,000.0
C1 5	5		Trees	100 Litre trees with 3 months of watering and maintenance	ea	\$500.00	20	\$ 10,000.00	20	\$ 10,000.00	20	\$ 10,000.0
C1 (6		Bollards	Timber bollards 900mm high, 200x100mm	ea	\$120.00	50	\$ 6,000.00	50	\$ 6,000.00	50	\$ 6,000.0
C1]			Trail Head Sign		ea	\$2,000.00	1			\$ 2,000.00		\$ 2,000.0
C1 8			Code of conduct sign Large interpretive signs		ea ea	\$800.00	1	\$ 800.00 \$ 3,000.00		\$ 800.00 \$ 3,000.00		\$ 800.0
C1			Small camping signs		ęa	\$50.00		\$ 300.00		\$ 300.00		\$ 300.0
C1 :	11		Camping sign		ea	\$250.00	1	\$ 250.00	1	\$ 250,00	1	\$ 250.0
						Sub-total	113,350		113,350		113.350	
62	127	Call	a hal							Contract of the second states		
C2	1	Goli	Carpark	5 car carpark 200mm gravel 1 coat spray seal	ea	\$5,000.00	1	\$ 5,000.00	1	\$ 5,000.00		
C2 3	2		Largo Shelter	8x10m pre-fabricated shelter Powder coated steel 1x2000l poly water tank Including shown fumiture	ea	\$65,000.00	1	\$ 65,000.00	1	\$ 65,000.00		Sale and
C2	3		Horse Yard	12x4m pre-fabricated steel horse yard Powder coated steel	ea	\$4,000.00	1	\$ 4,000.00	1	\$ 4,000.00		
C2 (4		Trees	100 Litre trees with 3 months of watering and maintenance	ea	\$500.00	20	\$ 10,000.00	20	\$ 10,000.00		
CZ S	-		Bollards	Timber bollards 900mm high, 200x100mm	ea	\$120.00	50			\$ 6,000.00		
C2 (C2)	6		Trail Head Sign		ea	\$2,000.00	1			\$ 2,000.00		
CZ 8		-	Code of conduct sign Large Interpretive signs		ea ea	\$800.00	1			\$ 800.00 \$ 3,000.00		
C2 9			Small camping signs		ea	\$50.00	6			\$ 300.00		A THE REAL PROPERTY OF
C2 :	10		Camping sign		ea	\$250.00	1	\$ 250,00	1	\$ 250,00		
	_					Sub-total	96,350		96,350			
	_					340- to tai	30,330		00,200	1		1
C3		Barr	imoon			N CARL			E CONTRACTOR	C PHASE OF	helighten (self)	and the state of the
C3 :	1		Carpark	6 car carpark, including 1 Concrete PWD park 200mm gravel J coat spray seal	ęa	\$10,000.00	1	\$ 10,000.00	1	\$ 10,000.00		
СЗ :	2		Large Shefter	8x10m pre-fabricated shelter Powder coated steel 3x2000i poly water tank Including shown furniture	ea	\$65,000.00	1	\$ 65,000.00	1	\$ 65,000.00		
СЗ .	3		Tollet	5x4m pre-fabricated toilet powder coated steel frame rear storage room and cistern housing composting 1x20000 poly water tank	ea	\$50,000.00	1	\$ 50,000.00	1	\$ 50,000,00		
СЗ 3	3		Horse Yard	12x4m pre-fabricated steel horse yard	ea	\$4,000.00	1	\$ 4,000.00	1	\$ 4,000.00		
C3 (4		Concrete footpath	Powder coated steel 1.5m wide concrete footpath 100mm depth, plain grey N25 with F72 Mesh	m²	\$120.00	100	\$ 12,000.00	100	\$ 12,000.00		
C3 :	5		Trees	100 Litre trees with 3 months of watering and maintenance	ea	\$500.00	20	\$ 10,000,00	20	\$ 10,000.00		
C3 (6		Bollards	Timber bollards 900mm high, 200x100mm	ea	\$120.00	50	\$ 6,000.00	50	\$ 6,000.00		
C3			Trail Head Sign	*	ea	\$2,000.00	1			\$ 2,000.00		
C3 1	8		Code of conduct sign		ea	\$800.00	1	\$ 800.00	1	\$ 800.00		
C3			Large Interpretive signs Small camping signs		ea ea	\$1,500.00	2 6	\$ 3,000.00 \$ 300.00	2	\$ 3,000.00 \$ 300.00		
C3			Camping sign		ea	\$250.00	1			\$ 250.00		
	3					Sub-total	163,350		163.350			
	-	-										
C4	1	Trail	Head - Kalpowar Siding	6 car carpark, including 1 Concrete PWD park	ea	\$10,000.00	1	\$ 10,000.00	1	\$ 10,000.00	1	\$ 10,000.0
				200mm gravel 1 coat spray seal								

C4		Trail	Head - Kalpowar Siding				and the second					
C4	1		Carpark	6 car carpark, including 1 Concrete PWD park 200mm gravel 1 coat spray seat	ea	\$10,000.00	1	\$ 10,000.00	1	\$ 10,000.0	1	\$ 10,000.00
C4	2		Large Shelter	8x10m pre-fabricated shelter Powder coated steel 1x20001 poly water tank including shown furniture	ea	\$65,000,00	1	\$ 65,000,00	1	\$ 65,000.0	1	\$ 65,000.00
C4	3		Horse Yard	12x4m pre-fabricated steel horse yard Powder coated steel	ea	\$4,000.00	1	\$ 4,000.00	1	\$ 4,000.0	1	\$ 4,000.00
C4	4		Concrete footpath	1.5m wide concrete footpath 100mm depth, plain grey N25 with F72 Mesh	m²	\$120.00	100	\$ 12,000.00	100	\$ 12,000.0	100	\$ 12,000.00
C4	5		Trees	100 Litre trees with 3 months of watering and maintenance	ea	\$500.00	20	\$ 10,000,00	20	\$ 10,000.0	20	\$ 10,000.00
C4	6		Bollards	Timber bollards 900mm high, 200x100mm	ea	\$120.00	50	\$ 6,000.00	50	\$ 6,000.0	50	\$ 6,000.00
C4	7		Trail Head Sign		ea	\$2,000.00	1	\$ 2,000.00	1	\$ 2,000.0	1	\$ 2,000.00
C4	8		Code of conduct sign		ea	\$800.00	1	\$ 800.00	1	\$ 800.0	1	\$ 800.00
C4	9		Large Interpretive signs		ea	\$1,500.00	2	\$ 3,000.00	2	\$ 3,000.0	2	\$ 3,000.00
						Sub-total	112,800		112,800		112,800	
D	BR	IDG	ES			T WELST			MUT THE STORE	CYLLING MIN		and the second second
Not	e: Br	idge es	timates are subject to detailed desig	gn and further investigation.								
D1		Dece	eption Creek bridge 2									
D1	1		Board and Rail	Steel and aluminium pre-fabricated board and rail modification to bridge.	lin m.	\$2,000.00	61	\$ 122,000,00	60	\$ 120,000.0		
01			Structure Repair	Refer structural report	lin m.	\$6,000.00	61	\$ 366,000.00	60			
D1			Scour & Erosion Repair	Refer geo-tech report	m²	\$100.00	180	\$ 18,000.00	180	\$ 18,000.0		DYAL HERE LAND
D1	4		Vegetation management	Brushcut and poison growth around footings and abutments.	៣²	\$5.00	400	\$ 2,000.00	400	\$ 2,000.0	400	\$ 2,000.00

Small Interpretive sign		ea	\$250.00	1	\$	250.00	1 \$	250.00	1	\$ 250.00
Standard Trail Gate	2no. Standard Trail Gate	ea	\$5,000.00	2	\$	10,000.00	2 \$	10,000.00	2	\$ 10,000.00
Home Mounting Sents	Allow Som of new post and wire rending	-	¢500.00		¢	1 000 00	2	1 000 00		
	Free standing, to match heard and rail									
TAXABLE IN THE PARTY OF THE PAR	Free startening, to marcar courte and that	1	\$350,001	34		11,200.00	54 3	11,200.00		the state of the second second
		1 1								
							14. 33. 14. 14.			\$ 5,000.00
	Upgrade of trail surface to ensure it is suitable to traverse	lin m.	\$60.00						62	\$ 3,720.00
Directional signs		ea	\$250,00							\$ 1,000.00
			Sub-total	438,375			438,375		12,875	
sford Creek Bridge 1			I MARKED AND THE MARK							Contraction of the
Board and Rail	Steel and aluminium pre-fabricated board and rail modification to bridge.	lin m.	\$2,000.00	36	\$	72,000.00				
Structure Repair	Refer structural report	lin m.	\$5,000,00	36	\$ 7	16 000.00				
Vegetation management	Brushcut and poison growth around footings and abutments.	m²	\$5.00			1,500.00	300 \$	5 1,500.00	300	\$ 450,000.00
Detritus removal	Remove dead vegetation, gravels, rocks and other detritus washed downstream from around footings and invert of creek to prevent build up and damage and allow for easier inspection	m3	\$50.00	20	\$	1,000.00	20 \$	5 1,000.00	20	\$ 20,000.00
Safety signage		69	\$350.00	2	s	700.00	1			
Small Interpretive sign		ea	\$250.00				1 \$	250.00	1	\$ 250.00
Standard Trail Gate	Standard Trail Gate Allow 50m of new post and wire fencing	item	\$5,000.00				2 \$	10,000.00	2	\$ 20,000.00
Horse Mounting Seats		ea	\$500.00	2	s	1.000.00	Summer Providence of	15 1 A 17 - 17 A 18		CARD STREET
	Free standing, to match board and rail	lin m.	\$350.00					States and states of the states		And Marine Strength - Strength
Route Construction			States and a state of the							
	Farthworks to create safe trail around bridge	3	\$50.00	22 10 10 10 10 N 10					75	\$ 3,750.00
Trail Surface Treatment Type 3	Upgrade of trail surface to ensure it is suitable to traverse	lin m.	\$60.00	1000	101112			Salar Starley		
Directional signs		ea	\$250.00	1 10 10 10 10 10 10 10 10 10 10 10 10 10		100	1000		4	\$ 1,000.00
			Sub-total	307,850			12,750		490,250	
	ing a literature of the second se									
	the share with the second state of the			CIRCLES CONTRACTOR	A CONTRACT	Careford Auro	ALLEY BARREN	PARLE FILMER	THE REAL PROPERTY OF	
Board and Rall	Steel and aluminium pre-fabricated board and rail modification to bridge.	lin m.	\$2,000.00	78	\$ 1	56,000.00				
Structure Repair	Refer structural report	lin m.	\$5,000.00	78	\$ 3	90,000.00		CONTRACTOR DECO		I SERVICE SHAPE
Scour & Erosion Repair	Refer geo-tech report	m ¹	\$100.00				Contraction of the local sector			
Vegetation management	Brushcut and poison growth around footings and abutments.	m ⁴	\$5.00			2,500,00	500 \$	\$ 2,500.00	500	\$ 2,500.00
Detritus removal	Remove dead vegetation, gravels, rocks and other detritus washed downstream from around footings and invert of creek to prevent build up and damage and allow for easier inspection	m3	\$50.00	20	\$	1,000.00	20 ;	\$ 1,000.00	20	\$ 20,000.00
Safety signage		ea	\$350.00	2	s	700.00		No. of Concession		
Standard Trail Gate	Standard Trail Gate Allow 50m of new post and wire feoring	item	\$5,000.00				2 :	\$ 10,000.00	2	\$ 20,000.00
Small interpretive sign	the second	ea	\$250.00	1	Ś	250.00	1	\$ 250.00	1	\$ 250.00
	Standard Trail Gate Horse Mounting Seats Balustrading to Abutment Route Construction Earthworks Trail Surface Treatment Type 3 Directional aigns Seford Creek Bridge 1 Board and Rall Structure Repair Scour & Erosion Repair Vegetation management Detritus removal Safety signage Small Interpretive sign Standard Trail Gate Horse Mounting Seats Balustrading to Abutment Route Construction Earthworks Trail Surface Treatment Type 3 Directional signs Permine Creek Bridge Board and Rall Structure Repair Scour & Erosion Repair Vegetation management Detritus removal Safety signage Structure Repair Scour & Erosion Repair Vegetation management Detritus removal	Standard Trail Gate 2no. Standard Trail Gate Allow S0m of new post and wire fencing Allow S0m of new post and wire fencing Router Construction Free standing, to match board and rail Route Construction Earthworks Earthworks to create safe trail around bridge Trail Surface Treatment Type 3 Upgrade of trail surface to ensure it is suitable to traverse Directional signs Steel and aluminium pre-fabricated board and rail modification to bridge. Structure Repair Refer structural report Scour & Eroston Repair Refer structural report Vegetation management Brushcut and polon growth around footings and abutments. Detritus removal Remove dead vegetation, gravels, rocks and other detritus washed downstream from around footings and abutments. Stardy signage Standard Trail Gate Allow 50m of new post and wire lencing. Allow 50m of new post and wire lencing. Horse Mounting Seats Free standing, to match board and rail Balustrading to Abutment Free standard Trail Gate Allow 50m of new post and wire lencing. Allow 50m of new post and wire lencing. Horse Mounting Seats Free standard Trail Gate Allow 50m of new post and wire lencing. Earthworks Balustrading to Abutment </td <td>Standard Trell Gate 20:o. Standard Trail Gate ea Horse Mounting Seats ea Balaustading to Abutment Free standing, to match board and rail Imm. Balaustading to Abutment Free standing, to match board and rail Imm. Balaustading to Abutment Free standing, to match board and rail Imm. Balaustading to Abutment Earthworks to create safe trail around bridge m3 Trail Surface Treatment Type 3 Upgrade of trail surface to ensure it is suitable to traverse Imm. Directional signs ea ea Stored and Rall Steel and aluminium pre-fabricated board and rail modification to bridge. Imm. Store Repair Refer structural report Imm. Store Repair Refer structural report m1 Structure Repair Refer structural report Imm. Structure Repair Refer structural report m1 Structure Repair Refer structural report m1 Detritus removal Remove dead vegetation, gravels, rocks and other derifus simple downstream from around footings and invent of creek to prevent build up and damage and allow for easier inspection ea Standard Trail Gate Allow Som of new post and wire fencing imm. Horse Mounting Seats Earthworks to create safe trail around bridge m3 Trai</td> <td>Standard Trail Gate 2nc. Standard Trail Gate ea \$5,000.00 Horse Mounting Sents Irea estanding, to match board and rail Imm. \$5,000.00 Baltstrading to Abutment Free standing, to match board and rail Imm. \$5,000.00 Earthworks Earthworks to create safe trail around bridge ma \$5,000 Trail Surface Treatment Type 3 Upgrade of trail surface to ensure it is suitable to traverse Imm. \$5,000 Directional sign Imm. \$5,000 Southerait Southerait Structure Repell? Steel and aluminium prefabricated board and rail modification to bridge. Imm. \$2,000.00 Structure Repell? Refer structural report Imm. \$2,000.00 Soor & Ension Structure Repell? Refer structural report Imm. \$5,000 Soor & Ension Structure Repell? Refer structural report Imm. \$5,000 Soor & Ension Soor & Ension Imm. \$5,000 Safery signage Imm. Structure Repell Refer structural report Imm. \$5,000 Soor & Ension Soor & Ension Soor & Ension Soor & Ension Soor & Ensis and Boad Soor & Ension Free structural report</td> <td>Standard Trail Gate 2no. Standard Trail Gate ea \$5,000.00 2 Horse Mounting Seats Allow S0m of new post and wire fencing. ea \$5,000.00 2 Route Construction Bin m. \$500.00 32 Route Construction Upgrade of trail surface to ensure it is suitable to traverse Imm. \$500.00 32 Route Construction Upgrade of trail surface to ensure it is suitable to traverse Imm. \$500.00 32 Stretter Treatment Type 3 Upgrade of trail surface to ensure it is suitable to traverse Imm. \$500.00 36 Stretter Resent Steel and adminitum pre-fabricated board and rail modification to bridge. Imm. \$2,000.00 36 Structure Resent Refer goa-tar report m¹ \$50.00 20 Structure Resent Refer goa-tar report</td> <td>Standard Trail Gate 200. Standard Trail Gate ea \$50,000.00 2 \$ Home Mounting Seats Free standing, to marke board and rail Illin m. \$550,000 2 \$ Balantzanding to Automent Free standing, to marke board and rail Illin m. \$550,000 32 \$ Barthworks Earthworks Earthworks ma \$500,00 32 \$ Barthworks Upgade of Irail sorface to enzure it is suitable to tawerse Illin m. \$500,00 48 \$ Standard Trail Gate upgade of Irail sorface to enzure it is suitable to tawerse Illin m. \$500,00 48 \$ Standard Matl Steel and aluminum pre-fabricated board and rail modification to bridge. In m. \$50,000,00 36 \$ 2 \$ Standard Rail Steel and aluminum pre-fabricated board and rail modification to and board and the fabricated board and rail modification management Illin m. \$50,000,00 36 \$ 2 \$ Standard Trail Gate Befor stanchure Inport m1 Illin m. \$50,000,00 \$ \$ \$ Standard Trail Gate Befor stanchure proting and merer of creek, to prevent bu</td> <td>Standard Tail Gate 200. Standard Tail Gate ea 550,000.0 2 \$ 10,000.00 Horea Mounting Sets ea 550,000.0 2 \$ 1,000.00 Baintranding to Mothement Free standing, to march board and rail in m. 550,000 2 \$ 1,000.00 Route Construction Earthworks Earthworks Earthworks 550,000 2 \$ 1,000.00 Route Construction Earthworks Earthworks Earthworks 550,000 2 \$ 1,000.00 Stread and fail Steel and aluminitum pre-fabricated board and rail modification In m. \$ \$ \$ 7,2000.00 8 \$ 2,216,000.00 \$ Stread and fail Steel and aluminitum pre-fabricated board and rail modification In m. \$ \$ \$ \$ \$ \$ 2,2000.00 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</td> <td>Standard Tuil Gate Zoo. Standard Tuil Gate Res Sponder 2 Sponder Sponder 2 Sponder<</td> <td>Standard Trail Gale Dro. Standard Trail Gale Dro. Standar</td> <td>Rander State Zas. State Tail Gate Par. State S</td>	Standard Trell Gate 20:o. Standard Trail Gate ea Horse Mounting Seats ea Balaustading to Abutment Free standing, to match board and rail Imm. Balaustading to Abutment Free standing, to match board and rail Imm. Balaustading to Abutment Free standing, to match board and rail Imm. Balaustading to Abutment Earthworks to create safe trail around bridge m3 Trail Surface Treatment Type 3 Upgrade of trail surface to ensure it is suitable to traverse Imm. Directional signs ea ea Stored and Rall Steel and aluminium pre-fabricated board and rail modification to bridge. Imm. Store Repair Refer structural report Imm. Store Repair Refer structural report m1 Structure Repair Refer structural report Imm. Structure Repair Refer structural report m1 Structure Repair Refer structural report m1 Detritus removal Remove dead vegetation, gravels, rocks and other derifus simple downstream from around footings and invent of creek to prevent build up and damage and allow for easier inspection ea Standard Trail Gate Allow Som of new post and wire fencing imm. Horse Mounting Seats Earthworks to create safe trail around bridge m3 Trai	Standard Trail Gate 2nc. Standard Trail Gate ea \$5,000.00 Horse Mounting Sents Irea estanding, to match board and rail Imm. \$5,000.00 Baltstrading to Abutment Free standing, to match board and rail Imm. \$5,000.00 Earthworks Earthworks to create safe trail around bridge ma \$5,000 Trail Surface Treatment Type 3 Upgrade of trail surface to ensure it is suitable to traverse Imm. \$5,000 Directional sign Imm. \$5,000 Southerait Southerait Structure Repell? Steel and aluminium prefabricated board and rail modification to bridge. Imm. \$2,000.00 Structure Repell? Refer structural report Imm. \$2,000.00 Soor & Ension Structure Repell? Refer structural report Imm. \$5,000 Soor & Ension Structure Repell? Refer structural report Imm. \$5,000 Soor & Ension Soor & Ension Imm. \$5,000 Safery signage Imm. Structure Repell Refer structural report Imm. \$5,000 Soor & Ension Soor & Ension Soor & Ension Soor & Ension Soor & Ensis and Boad Soor & Ension Free structural report	Standard Trail Gate 2no. Standard Trail Gate ea \$5,000.00 2 Horse Mounting Seats Allow S0m of new post and wire fencing. ea \$5,000.00 2 Route Construction Bin m. \$500.00 32 Route Construction Upgrade of trail surface to ensure it is suitable to traverse Imm. \$500.00 32 Route Construction Upgrade of trail surface to ensure it is suitable to traverse Imm. \$500.00 32 Stretter Treatment Type 3 Upgrade of trail surface to ensure it is suitable to traverse Imm. \$500.00 36 Stretter Resent Steel and adminitum pre-fabricated board and rail modification to bridge. Imm. \$2,000.00 36 Structure Resent Refer goa-tar report m ¹ \$50.00 36 Structure Resent Refer goa-tar report m ¹ \$50.00 36 Structure Resent Refer goa-tar report m ¹ \$50.00 36 Structure Resent Refer goa-tar report m ¹ \$50.00 36 Structure Resent Refer goa-tar report m ¹ \$50.00 20 Structure Resent Refer goa-tar report	Standard Trail Gate 200. Standard Trail Gate ea \$50,000.00 2 \$ Home Mounting Seats Free standing, to marke board and rail Illin m. \$550,000 2 \$ Balantzanding to Automent Free standing, to marke board and rail Illin m. \$550,000 32 \$ Barthworks Earthworks Earthworks ma \$500,00 32 \$ Barthworks Upgade of Irail sorface to enzure it is suitable to tawerse Illin m. \$500,00 48 \$ Standard Trail Gate upgade of Irail sorface to enzure it is suitable to tawerse Illin m. \$500,00 48 \$ Standard Matl Steel and aluminum pre-fabricated board and rail modification to bridge. In m. \$50,000,00 36 \$ 2 \$ Standard Rail Steel and aluminum pre-fabricated board and rail modification to and board and the fabricated board and rail modification management Illin m. \$50,000,00 36 \$ 2 \$ Standard Trail Gate Befor stanchure Inport m1 Illin m. \$50,000,00 \$ \$ \$ Standard Trail Gate Befor stanchure proting and merer of creek, to prevent bu	Standard Tail Gate 200. Standard Tail Gate ea 550,000.0 2 \$ 10,000.00 Horea Mounting Sets ea 550,000.0 2 \$ 1,000.00 Baintranding to Mothement Free standing, to march board and rail in m. 550,000 2 \$ 1,000.00 Route Construction Earthworks Earthworks Earthworks 550,000 2 \$ 1,000.00 Route Construction Earthworks Earthworks Earthworks 550,000 2 \$ 1,000.00 Stread and fail Steel and aluminitum pre-fabricated board and rail modification In m. \$ \$ \$ 7,2000.00 8 \$ 2,216,000.00 \$ Stread and fail Steel and aluminitum pre-fabricated board and rail modification In m. \$ \$ \$ \$ \$ \$ 2,2000.00 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Standard Tuil Gate Zoo. Standard Tuil Gate Res Sponder 2 Sponder Sponder 2 Sponder<	Standard Trail Gale Dro. Standar	Rander State Zas. State Tail Gate Par. State S

05	Bog	gy Creek Bridge	the second of the second strength which an addition to the second strength of the second st									and the second second	
5 1		Board and Rail	Steel and aluminium pre-fabricated board and rail modification to bridge.	lin m.	\$2,000.00	44	\$ 88,0	00.00	a la care				
5 2	-	Structure Repair	Refer structural report	lin m.	\$6,000.00	44	\$ 264.0	00.00					
5 3		Scour & Erosion Repair	Refer geo-tech report	m²	\$100.00	114	\$ 11,4	100.00	10000000000	Contraction in the	100000000000000000000000000000000000000	NAME OF A DESCRIPTION O	a sala sala
5 4		Vegetation management	Brushcut and poison growth around footings and abutments.	m ⁴	\$5.00	300 !	\$ 1,!	500.00	300	\$	1,500.00	300 \$	450,000.00
5 5		Detritus removal	Remove dead vegetation, gravels, rocks and other detritus washed downstream from around footings and invert of creek to prevent build up and damage and allow for easier inspection	m3	\$100.00	20 5	\$ 2,0	000.00	20	\$	2,000.00	20 Š	40,000.00
5 6		Safety signage		ea	\$350.00	2 :	\$	700.00		21/2022	Long and March 1	THE MAN PARTY OF	And the second second second
5 7		Standard Trail Gate	Standard Trail Gate Allow 50m of new post and wire fencing	item	\$5,000.00	2 :	\$ 10,0	00.00	2	\$	10,000.00	2 \$	20,000.00
)5 8)5 9		Small Interpretive sign		ea	\$250.00	1 :	\$:	250.00	1	\$	250.00	1 \$	250.00
5 9		Horse Mounting Seats		ea	\$500.00	2 3	\$ 1,0	00.00		10.00			10 Mar 19 19 1977
5 10)	Balustrading to Abutment	Free standing, to match board and rail	lin m.	\$350.00	32	\$ 11,:	200.00		ALC: NO.			12222212121
Alte	rnate	Route Construction				A CARLES AND A CARLES							
5 1:	1	Earthworks	Earthworks to create safe trail around bridge	Em	\$50.00		United States		72	\$	-	72 \$	3,600.00
94 12	2	Trail Surface Treatment Type 3	Upgrade of trail surface to ensure it is suitable to traverse	lin m.	\$60.00				50		-	50 \$	3,000.00
5 13	3	Directional signs		ea	\$250.00				4	\$	•	4 \$	1,000.00
_	_				Sub-total	390,050			13,750			517,850	

\$250.00 \$500.00 \$350.00

\$50.00 \$60.00

\$250.00 Sub-total

250.00 1,000.00 11,200.00

1 \$ 2 \$ 32 \$

595,150

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75 \$ 45 \$

4 \$ 50,200

250.00

3,750.00 2,700.00

1,000.00

ea ea lin m.

m3 tin m.

ea

Free standing, to match board and rail

Earthworks to create safe trail around bridge Upgrade of trail surface to ensure it is suitable to traverse

 D4
 8
 Small interpretive sign

 D4
 9
 Horse Mounting Seats

 D4
 10
 Balustrading to Abutment

 Alternate Route Construction
 D4
 11

 D4
 11
 Earthworks

 D4
 12
 Trail Surface Treatment Typ

D4 13 Directional signs

Earthworks Trail Surface Treatment Type 3

21 11	Earthworks	Earthworks to create safe trail around bridge	m 3	\$50,00			Contraction of the second second		120 5	6,000.00
6 12	Trall Surface Treatment Type 3	Upgrade of trail surface to ensure it is suitable to traverse	lin m.	\$60.00		and the second second	R. L. P. P. L. P.		71 \$	4,260.0
1 13	Directional signs		ea	\$250.00					4 \$	1,000.0
				Sub-total	511,950		503,950		4,250	
02 D	eception Creek bridge 3	A REAL PROPERTY OF THE REAL PROPERTY OF THE PARTY OF THE		The second second second						
2 1	Board and Rall	Steel and aluminium pre-fabricated board and rail modification to bridge.	lin m.	\$2,000.00	52 \$	104,000.00	52 \$	104,000.00		
2 2	Structure Repair	Refer structural report	lín m.	\$6,000.00	52 \$	312.000.00	52 \$	312,000.00		
2 3	Scour & Erosion Repair	Refer geo-tech report	m²	\$50.00	156 \$	7,800.00	156 \$	7,800.00	PERCENT AND PROPERTY	and the second second
2 4	Vegetation management	Brushcut and poison growth around footings and abutments.	m²	\$5.00	325 \$	1,625.00	325 \$	1,625.00	325 \$	1,625.0
5	Detritus removal	Remove dead vegetation, gravels, rocks and other detritus washed downstream from around footings and invert of creek to prevent build up and damage and allow for easier inspection	m3	\$50.00	20 \$	1,000.00	20 \$	1,000.00	20 \$	1,000.0
02 6 02 7	Safety signage		ea	\$350.00	2 \$	700.00	2 \$	700.00	110000000000000000000000000000000000000	1000000000
	Small Interpretive sign		ea	\$250.00	1 \$	250.00	1 \$	250.00	1 \$	250.0
01 8	Standard Trail Gate	2no. Standard Trail Gate Allow S0m of new post and wire fencing	ea	\$5,000.00	2 \$	10,000.00	2 \$	10,000.00	2 \$	10,000.0
2 9	Horse Mounting Seats		ea	\$500.00	2 \$	1,000.00	2 \$	1,000.00	THE REAL PROPERTY OF THE	ALL AND SCHOOL SCHOOL
2 10	Balustrading to Abutment	Free standing, to match board and rail	lin m.	\$350.00	32 \$	11,200.00	32 \$	11,200.00	and the second second	Annal Provide State
Alternat	te Route Construction		and the second second							
D2 11	Earthworks	Earthworks to create safe trail around bridge	m3	\$50.00		Martin Contraction of the Contraction	2		100 \$	5,000.0
06 12	Trail Surface Treatment Type 3	Upgrade of trail surface to ensure it is suitable to traverse	lin m.	\$60.00			all and the second		62 \$	3,720,0
2 13	Directional signs		ea	\$250,00					4 \$	1,000.0
				Sub-total	438,375	1000	438,375	Contraction of the second	12,875	

D1 5	Detritus removal	Remove deard vegetation, gravels, rocks and other rietritus washed downstream from around footings and invert of creek to prevent build up and damage and allow for easier inspection	m3	\$100.00	20 \$	2,000.00	20	\$ 2,000.00	20	\$ 2,000.00
D1 6	Safety signage		ea	\$350.00	2 \$	700.00	2	\$ 700.00	ter satelitatione	and the second second
D1 7	Small Interpretive sign		69	\$250,00	1 \$	250,00	1	\$ 250,00	1	\$ 250,00
D1 9	Horse Mounting Seats		ea	\$500.00	2 \$	1,000.00	2	\$ 1,000.00		
D1 10	Balustrading to Abutment	Free standing, to match board and rail	iin m.	\$350.00	32 \$	11,200.00	A CONTRACTOR OF THE	and the second second	President of the second	
Alterna	te Route Construction							CONSISTENT CONSISTENT	States and the states	
D1 11	Earthworks	Earthworks to create safe trail around bridge	m3	\$50,00		2612112.004		STORE STORE	120	\$ 6,000.00
D6 12	Trali Surface Treatment Type 3	Upgrade of trail surface to ensure it is suitable to traverse	lin m.	\$60.00		No.			71	
D1 13	Directional signs		ea	\$250.00	Real Street Street	2	CONTRACTOR OF A		4	\$ 1,000.00

D6		Glass	ford Creek Bridge 2				Contraction of the second		in the second			NA CONCERNING
DG	1		Board and Rail	Steel and aluminium pre-fabricated board and rail modification to bridge.	fin m.	\$2,000.00	128	\$ 256,000.00				
D6	2		Structure Repair	Refer structural report	lin m.	\$4,000.00	38	\$ 152,000,00	the state of the state of the			
D6	3		Scour & Erosion Repair	Refer geo-tech report	m²	\$100.00	114	\$ 11,400.00	いいで見ていたが、			
D6	4		Vegetation management	Brushcut and poison growth around footings and abutments.	m²	\$780.00	5	\$ 3,900,00	5	\$ 3,900.00	\$	
D6	5		Detritus removal	Remove dead vegetation, gravels, rocks and other detritus washed downstream from around footings and invert of creek to prevent build up and damage and allow for easier inspection	m3	\$100.00	20	\$ 2,000.00	20	\$ 2,000.00	\$	8
D6	6		Safety signage		ea	\$350.00	2	\$ 700.00				

D6 7	1	Standard Trail Gate	Standard Trail Gate	item	\$5,000.00	2	\$ 10,0	0.00	\$	10,000.00	2	\$ 20,000.00
			Allow 50m of new post and wire fencing									
D6 7		Small interpretive sign		ea	\$250.00	1	\$ 2	0.00	. \$	250.00	1	\$ 250.00
D6 8		Horse Mounting Seats		ea	\$500,00	2	\$ 1,0	0.00	10112			
D6 9		Balustrading to Abutment	Free standing, to match board and rail	lin m.	\$350.00	32	\$ 11,2	0.00	12.000			
Alte	rnate	Route Construction										
D6 1	0	Earthworks	Earthworks to create safe trail around bridge	m3	\$50.00			7:	\$	1.0	72	\$ 3,600.00
D4 1	1	Trail Surface Treatment Type 3	Upgrade of trail surface to ensure it is suitable to traverse	lin m.	\$60.00			54	\$		50	\$ 3,000.00
D6 1	2	Directional signs		ea	\$250.00				\$	(*)	4	\$ 1,000.00
			1		Sub-total	437,250		16,15			20,250	

)7	Dan	wes Range Bridge 1												
7 1		Board and Rail	Steel and aluminium pre-fabricated board and rail modification to bridge.	lin m.	\$2,000.00	50	\$ 1	100,000.00	2.000	and the second		- Andrewski		
7 2	1	Structure Repair	Refer structural report	lin m.	\$6,000.00	50	\$ 3	300,000.00						
7 3		Scour & Erosion Repair	Refer geo-tech report	m²	\$100.00	150	\$	15,000.00		State Line				
7 4		Vegetation management	Brushcut and poison growth around footings and abutments.	m²	\$5.00	300	\$	1,500.00	300	\$	1,500.00		\$	
7 5		Detritus removal	Remove dead vegetation, gravels, rocks and other detritus washed downstream from around footings and invert of creek to prevent build up and damage and allow for easier inspection	m3	\$100.00	20	\$	2,000.00	20	\$	2,000.00		\$	
7 6	-	Safety signage		ea	\$350.00	2	\$	700.00		1	12.5.5			
7 7		Standard Trail Gate	Standard Trail Gate Allow 50m of new post and wire fencing	item	\$5,000.00	2	\$	10,000.00	2	\$:	0,000.00	2	Ś	20,000.00
7 8		Small Interpretive sign		ea	\$250.00	1	\$	250.00	1	\$	250.00	1	\$	250.00
7 9		Horse Mounting Seats		69	\$500.00	2	\$	1,000,00						
7 10		Balustrading to Abutment	Free standing, to match board and rail	lin m.	\$350.00	32	\$	11,200.00		120000		Sector and the sector of the		
Alte	rnate	Route Construction												
7 11	L	Earthworks	Earthworks to create safe trail around bridge	m3	\$50.00				100	\$	-	100	\$	5,000.00
07 11 07 12	2	Trall Surface Treatment Type 3	Upgrade of trail surface to ensure it is suitable to traverse	lin m.	\$60.00		1883		60	\$		60	\$	3,500.00
7 1	3	Oirectional signs		ea	\$250.00				4	\$		4	\$	1,000.00
					Sub-total	429,450	1	1.000	13,750			20,250		

D8	[Dawe	es Range Bridge 2											
08 1			Board and Rail	Steel and aluminium pre-fabricated board and rail modification to bridge.	lin m.	\$2,000.00	32	\$	64,000.00					
2 80			Structure Repair	Refer structural report	lin m.	\$6,000.00	32	\$	192,000.00					
08 3			Scour & Erosion Repair	Refer geo-tech report	m²	\$100.00	108	\$	10,800.00		1112112			
08 4			Vegetation management	Brushcut and poison growth around footings and abutments.	m²	\$5.00	220	\$	1,100.00	220	\$	1,100.00	5	\$
08 5			Detritus removal	Remove dead vegetation, gravels, rocks and other detritus washed downstream from around footings and invert of creek to prevent build up and damage and allow for easier inspection	m3	\$100.00	10	S	1,000.00	10	\$	1,000.00		\$ -
08 6	+		Safety signage		ea	\$350.00	2	Ś	700.00					
08 7	,		Small Interpretive sign		ea	\$250.00	1	\$	250.00	1	\$	250.00	-	\$ -
8 8			Standard Trail Gate	2no. Standard Trail Gate Allow 50m of new post and wire fencing	ea	\$5,000.00	2	\$	10,000.00	2	\$	10,000.00		\$
08 9			Horse Mounting Seats		ea	\$500.00	2	\$	1,000,00					
08 1	.0		Balustrading to Abutment	Free standing, to match board and rail	lin m.	\$350.00	32	\$	11,200.00				A CONTRACT OF THE OWNER	CONTRACTOR OF
Alte	rna	ate R	oute Construction				La constantes a						A CONTRACTOR OF THE PARTY OF TH	
08 1	1		Earthworks	Earthworks to create safe trail around bridge	m3	\$50.00		1011111		100	\$		100	\$ 5,000.0
07 1	2		Trail Surface Treatment Type 3	Upgrade of trail surface to ensure it is suitable to traverse	lin m.	\$60.00			1.2.17	60	\$	•	60	\$ 3,600.0
08 1	.3	_	Directional signs		ea	\$250.00				4	\$		4	\$ 1,000.0
_					-	Sub-total	292,050	-		12,350			9,600	

D9		Cabl	bage Tree Creek Bridge	Service of the servic		No. States					A LA MARKING LAND	a children in the second
D9	1		Board and Rail	Steel and aluminium pre-fabricated board and rail modification to bridge.	lin m.	\$2,000.00	50	\$ 100,000.00	50	\$ 100,000.00	50	\$ 100,000,00
D9	2		Structure Repair	Refer structural report	lin m.	\$4,000.00	50	\$ 200,000.00	50	\$ 200,000.00	50	
D9	3		Scour & Erosion Repair	Refer geo-tech report	m'	\$100.00	150	\$ 15,000.00	150	\$ 15,000.00	150	\$ 15,000.00
D9	4		Vegetation management	Brushcut and poison growth around footings and abutments.	m²	\$5.00	300	\$ 1,500.00	300	\$ 1,500.00	300	\$ 1,500.00
D9	5		Detritus removal	Remove dead vegetation, gravels, rocks and other detritus washed downstream from around footings and invert of creek to prevent build up and damage and allow for easier inspection	m3	\$100.00	10	\$ 1,000.00	10	\$ 1,000.00	10	\$ 1,000.00
D9	6		Safety signage		ea	\$350.00	2	\$ 700.00	2	\$ 700,00	2	\$ 700.00
D9			Small interpretive sign		ea	\$250.00	1	\$ 250.00	1	\$ 250.00	1	\$ 250.00
D9	8		Standard Trail Gate	2no. Standard Trall Gate Allow 50m of new post and wire fencing	69	\$5,000.00	2	\$ 10,000.00	2	\$ 10,000.00	2	\$ 10,000.00
D9	9		Horse Mounting Seats		ea	\$500.00	2	\$ 1,000.00	2	\$ 1,000,00	2	\$ 1,000.00
						Sub-total	329,450		329,450		329,450	

E		TUN	NELS										-	
E	1		Repair work	Repairs to Tunnel 4 wing wall	item	\$10,000.00	1	\$	10,000.00	1	\$ 10,000.0	0 1	\$	10,000,00
E	2		Rock catch fence	Allowance for 200m of rock catch fence	lin m.	\$250.00	200	\$	50,000.00	200	\$ \$0,000.0	0 200	\$	50,000.00
E	3		Small Shelters	Including furniture	ea	\$12,000.00	2	\$	24,000.00	2	\$ 24,000.0	0 2	\$	24,000.00
E	4		Small Interpretive sign		ea	\$250.00	12	\$	3,000.00	12	\$ 3,000.0	0 12	\$	3,000.00
E	5		Balustrading	Fall protection balustrading. Allowance of 200m	lin m.	\$150.00	100	\$	15,000.00	100	\$ 15,000.0			15,000.00
E	6		Gravel to Tunnal 6	2m. Wide 100mm depth compacted gravel path to side of bareback sleepers	Lin m.	\$30.00	300	\$	9,000.00	300	\$ 9,000.0	80 300	\$	9,000.00
						Sub-total	111,000			111,000		111,000		
				Estimate Sub	-Total (ex. GST):	:		1000	7,028,175.00	Kon and a state of the	3,757,695.0	0		2,935,505.00
				Co	ontingency (20%))		\$	1,405,635.00		\$ 751,539.0	0	\$	587,101.00
				Estimate	Total (ex. GST):			\$	8,433,810.00		\$ 4,509,234.0	0	\$	3,522,606.00

	ULE OF TRAIL WORKS - E									
FOR DI	SCUSSION PURPOSES OF	NLY								
Project Addro Project No Date Created Date Modifie Client	G3491 23.6.2021			Trail f Area A Estimator Q QA		ah				
item Co	Description	Constituent of	Unite		PTION 1		OPTION 2		OPTION 3	Total
and the second sec	ERAL TRAIL	Specification	Unit	Rate	Qty.	Total	Qty.	Total	Qty.	Total
A1 Pr	reliminaries			4400.000.00				4 400 000 00	1	ć 100.000.00
	Preuminaries	Attendance at prestart, coord with civil and survey. Site setup.	item	\$100,000.00 Sub-total	1 100,000	\$ 100,000.00	1 100,000	\$ 100,000.00	100,000	\$ 100,000.00
A2 V	egetation Management				No. of Feedback and					
	slashing	Slash trail.	lin m.	\$0.50	32,000	\$ 16,000.00	32,000	\$ 16,000.00	32,000	\$ 16,000.00
42 2		Preventative vegetation management.	lin m.	\$1.00	32,000		32,000		32,000	
		Including spraying, pruning.		Sub-total	48,000		48,000		48,000	
					10,000					
A3 Tr	Trail Surface	Ungrade and repair the flausflaus to all to "	R	630.00		ć	20.001	6 600 730 00	10 000	¢ 400.000.00
		Upgrade and repair trail surface to all trail 2.5m wide, 50mm thick, compacted.	lin m.	\$30.00		\$ IT.)	20,024	\$ 600,720.00	16,000	\$ 480,000.0
3 2	Trail Surface Treatment Type 2	Upgrade and repair trail surface to all trail	lin m.	\$45.00	-	\$ -	10,573	\$ 475,785.00	-	\$-
3 3	Trail Surface Treatment Type 3	2.5m wide, 100mm thick, compacted. Upgrade and repair trail surface to all trail	lin m.	\$60.00	31,000	\$ 1,860,000.00	1,403	\$ 84,180.00	-	\$ -
43 4	Trail Surface Treatment Type 4	2.5m wide, 200mm thick, compacted. Upgrade and repair trail surface to all trail		£150.00	1.000	¢ 150 000 00		\$ -		\$ -
AS 4	tran surrace treatment type 4	2.5m wide, 200mm thick, compacted. 1m bridle trail.	lin m.	\$150.00	1,000	\$ 150,000.00	•	> -	-	\$ -
				Sub-total	2,010,000		1,160,685		480,000	
A4 Si	ignage					1				
	Distance Markers	New distance markers	69	\$250.00	25	\$ 6,250.00	25	\$ 6,250.00	25	\$ 6,250.0
2 2 3	Rockfall safety signs Directional signs		ea	\$250.00	6		6		6 32	
, ,	Directional signs		ea	\$250.00	32	\$ 8,000.00	32	\$ 8,000.00	52	\$ 8,000.0
				Sub-total	15,750		15,750		15,750	
AS Fe	ences & Gates	States of the second	1.00		A DESCRIPTION OF THE OWNER			A REPORT OF		
45 1	Standard Trail Grid & Gate	Standard Trail Grid & Gate	Item	\$5,000.00		\$ -		\$ -		\$ -
		Allow 50m of new post and wire fencing								
A5 2	Fencing	New stock fence to Road Reserve edge between Nagoorin & Ubobo	lin m.	\$15.00	-	\$80,475.00	-	\$80,475.00	-	\$80,475.0
		00000	_	Sub-total	80,475		80,475		80,475	
A6 R	ock fall and fail from height				Net Constants	A POST PROVIDENT				
	Loose material removal	Allowance for 50m3 of material removal	m3	\$100.00	50	\$ 5,000.00	50	\$ 5,000.00	50	\$ 5,000.0
A6 1 A6 2	Rock catch fencing	Allowance for 100m of rock catch fence	lin m.	\$250.00	100	\$ 25,000.00	100	\$ 25,000.00	100	\$ 25,000.0
46 3	Active rock fall retaining structures	Allowance for 2No. 10m long x 1m high retaining structures	each	\$5,000.00	2	\$ 10,000.00	2	\$5,000.00	2	\$ 10,000.0
46 4	Balustrading	Fall protection balustrading. Allowance of 50m	ea	\$150.00	50	\$ 7,500.00	50	\$ 7,500.00	50	\$ 7,500.0
-++-										
				Sub-total	47,500		42,500		47,500	
B ROA	AD CROSSINGS			The survey law		Children and the				
81 R	OAD CROSSING 1 - BAUER STI									
81 1	Road Safety Signs	2No. "Rail Trail Crossing" 1No. "Rail Trail Crossing, x distance Ahead"	ea	\$500.00	3	\$ 1,500.00	3	\$ 1,500.00	3	\$ 1,500.0
		have non-man crossing, a distance Anead"								
B1 2	Trail signs	2No. "Trail Crossing, Cyclists Dismount" 2 No. "Give Way"	ea	\$500.00	4	\$ 2,000.00	4	\$ 2,000.00	4	\$ 2,000.0
				Sub-total	3,500		3,500		3,500	
				Juntoral	3,300		5,500		0,000	
	OAD CROSSING 2 - STRATHDE									
B2 1	Road Safety Signs	2No. "Rail Trail Crossing" 2No. "Rail Trail Crossing, x distance Ahead"	ea	\$500.00	4	\$ 2,000.00	4	\$ 2,000.00	4	\$ 2,000.0
		B) A ARKAING FILEAU								
B2 2	Trail signs	2No. "Trail Crossing, Cyclists Dismount"	ea	\$500.00	4	\$ 2,000.00	4	\$ 2,000.00	4	\$ 2,000.0
		2 No. "Give Way"								
				Sub-total	4,000		4,000		4,000	

B3		ROA	D CROSSING 3 - BENHAM	IS ROAD, PHILPOTT									
B3	1		Road Safety Signs	2No. "Rail Trail Crossing" 1No. "Rail Trail Crossing, x distance Ahead" 2No. "Rail Trail Crossing, x distance Ahead, on side road	ea	\$500,00	5	\$	2,500.00	5	\$ 2,500.00	5	\$ 2,500.00
83	2		Trail signs	2No. "Trail Crossing, Cyclists Dismount" 2 No. "Give Way"	ea	\$500.00	4	\$	2,000.00	4	\$ 2,000.00	4	\$ 2,000.00
83	3		Standard Trail Grid & Gate	2no. Standard Trail Grid & Gate Allow 80m of new post and wire fencing	ea	\$5,000.00	2	\$	10,000.00	2	\$ 10,000.00	2	\$ 10,000.00
	-				1_1	Sub-tota	14,500			14,500		14,500	
B4		ROA	D CROSSING 4 - HUMPH	REY ROAD, HUMPHREY			NEOLOGIA CONTRACTOR						LE DAYEL MESSAL
B4	1		Road Safety Signs	3No. "Rail Trail Crossing" 2No. "Rail Trail Crossing, x distance Ahead"	ea	\$500.00	5	S	2,500.00	5	\$ 2,500.00	5	\$ 2,500.00
B 4	2		Trail signs	2No. "Trail Crossing, Cyclists Dismount" 2 No. "Give Way"	ea	\$500.00	4	\$	2,000.00	4	\$ 2,000.00	4	\$ 2,000.00

Sub-total 4,000

4,000

Image: Second Problem Allow Dim drace point and size facing Image: Second Problem Image: Second Prob	4 2		1									
5 RADE COCOSING 3 - IEDINE ROAD, MOUNT DEATEABLE 7000 2 5 7000 2 5 7000 2 5 1000 2 1000 10 2 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 10000 10000 10000 10000 10000 10000 100000 100000			Standard Trail Grid & Gate	2no. Standard Trail Grid & Gate Allow 50m of new post and wire fencing	63	\$5,000.00	2	\$ 10,000.00	2	\$ 10,000.00	2	\$ 10,000.00
No No No. Addakts figure No. The Note Name No. The No. The Note Name No. The Note Name No. The Note Name No. The No. The No. The North Name No. The North Name No. The North Name No. The No. The North Name No. The						Sub-total	14,500		14,500		14,500	
No <												
Image: Solution of the stand of the stan		RO				1 1 1 1 1 1 1						4 4 500.00
Image: Problem in the standard of all is any set of all is a	5 1		Road Safety Signs		ea	\$500.00	3	\$ 1,500.00	3	\$ 1,500.00	3	\$ 1,500.00
Image: second	5 2		Trail signs		ea	\$500.00	4	\$ 2,000.00	4	\$ 2,000.00	4	\$ 2,000.00
B NOAD CROSSING 6 - MOUNT DEBATABLE FOOD, MOUNT DEBATABLE Marker Pray No.4 Source Pray No.4 Source Pray No.4 Source Pray No.4 Source Pray Sour	5 3		Standard Trail Grid & Gate		ea	\$5,000.00	2	\$ 10,000.00	2	\$ 10,000.00	2 :	\$ 10,000.00
is is< is <		_				Sub-total	13,500		13,500		13,500	
is is< is <	36	RO	AD CROSSING 6 - MOUNT	DEBATABLE ROAD, MOUNT DEBATEABLE			a sugar			Contractor March		
Note of the set of t					63	\$500.00	4	\$ 2,000.00	4	\$ 2,000.00	4	\$ 2,000.00
Image: Second	6 1	_	Tallalana			¢500.00		£ 1,000,00		¢ 3,000,000		\$ 2,000,00
Image: Second state part and wine speet and					ea	\$500,00	4	\$ 2,000.00				
B ROAD CROSSING 7 - DIRNER ROAD, DIRNER Security Security Security Security Security Security Security Security Security Security Security Security Security Security Security Security Security Security Security Security Security Security Security Security Security Security Security Security Security Security Security Security S	6 3		Standard Trail Grid & Gate		ea	\$5,000.00	2	\$ 10,000.00	2	\$ 10,000.00	2	\$ 10,000.00
2 1 Mark interprise Dec. "In trail consent" inter- interprise No. "In trail consent" interprise No. "In trail consent interprise No. "In trail conse						Sub-total	14,000		14,000		14,000	
2 1 Mark interprise Dec. "In trail consent" inter- interprise No. "In trail consent" interprise No. "In trail consent interprise No. "In trail conse												
Image: Section of the answer in the answere in the answer in the answer in the answer in the answer in t		KU				\$500.00	4	\$ 2,000,00	4	\$ 2,000,00	4	\$ 2,000.00
Image: Semigrat Trail Gel & Gam 2 for Gam Work Image: Semigrat Trail Gel & Gam 2 for Gam Work Image: Semigrat Trail Gel & Gam 2 for Gam Work Image: Semigrat Trail Gel & Gam 2 for Gam Work Image: Semigrat Trail Gel & Gam 2 for Gam Work Image: Semigrat Trail Gel & Gam 2 for Gam Work				2No. "Rail Trail Crossing, x distance Ahead"	ęa							
Image: Second	37 2		Trail signs		ea	\$500.00	4	\$ 2,000.00	4	\$ 2,000.00	4	\$ 2,000,00
Base Note CROSSING 8 - DIRNBIR ROAD, DIRNBIR Under Crossing 4 and the construction of the construle of the construction of the construction of the	17 3		Standard Trail Grid & Gate		69	\$5,000.00	2	\$ 10,000.00	2	\$ 10,000.00	2	\$ 10,000.00
Base Note CROSSING 8 - DIRNBIR ROAD, DIRNBIR Under Crossing 4 and the construction of the construle of the construction of the construction of the						Sub total	14 000		14.000		14.000	
Bit Image: Solution of the post and wire function						500-1014	14,000		14,000		24,000	
Image: Single stands and		RO										
Image: Section of the sectin of the section of the section	38 1		Road Safety Signs	2No. "Rail Trail Crossing, x distance Ahead"	ea	\$500.00	5	\$ 2,500.00	5	\$ 2,500.00	5	\$ 2,500.00
$ \begin{vmatrix} a \\ b \\ b \\ c \\ c$	8 2	\top	Trail signs		ea	\$500.00	4	\$ 2,000.00	4	\$ 2,000.00	4	\$ 2,000.00
C TRAIL HEADS Second s	8 3			,								
C TRAIL HEADS Second s		1	Standard Trail Grid & Gate	2no. Standard Trail Grid & Gate	ea	\$5,000.00	2	\$ 10,000.00	2	\$ 1D,000.00	2	\$ 10,000.00
Sticking Campark Gampark Sticking Sticking <th< td=""><td></td><td></td><td>Standard Trail Grid & Gate</td><td>2no. Standard Trail Grid & Gate</td><td>ea</td><td></td><td></td><td>\$ 10,000.00</td><td></td><td>\$ 10,000.00</td><td></td><td>\$ 10,000.00</td></th<>			Standard Trail Grid & Gate	2no. Standard Trail Grid & Gate	ea			\$ 10,000.00		\$ 10,000.00		\$ 10,000.00
Sticking Campark Gampark Sticking Sticking <th< td=""><td></td><td></td><td>Standard Trail Grid & Gate</td><td>2no. Standard Trail Grid & Gate</td><td>ea</td><td></td><td></td><td>\$ 10,000.00</td><td></td><td>\$ 10,000.00</td><td></td><td>\$ 10,000.00</td></th<>			Standard Trail Grid & Gate	2no. Standard Trail Grid & Gate	ea			\$ 10,000.00		\$ 10,000.00		\$ 10,000.00
C1 1 Carpark 6 carcapark, including 1 Concrete PWD park 200mm gravel a \$ 10,000.00 1 \$ 10,000.00 1 \$ 10,000.00 C1 2 A Garge Shelter Sk10m pre-fabricated shelter Powder coated steel water tank including shown furniture a \$ 65,000.00 1 \$ 65,000.00 1 \$ 65,000.00 1 \$ 65,000.00 1 \$ 65,000.00 1 \$ 65,000.00 1 \$ 65,000.00 1 \$ 65,000.00 1 \$ 65,000.00 1 \$ 65,000.00 1 \$ 65,000.00 1 \$ 65,000.00 1 \$ 65,000.00 1 \$ 65,000.00 1 \$ 65,000.00 1 \$ 65,000.00 1 \$ 10,000.00 1 \$ 10,000.00 1 \$ 10,000.00 1 \$ 10,000.00 1 \$ 10,000.00 1 \$ 10,000.00 1 \$ 10,000.00 1 \$ 10,000.00 1 \$ 10,000.00 1 \$ 10,000.00 1 \$ 10,000.00 1 \$ 10,000.00 1 \$ 10,000.00 1 \$ 10,000.00 1 \$ 10,000.00 1 \$ 10,000.00 1 \$ 10,000.00 1 \$ 10,000.00 1 \$ 10,000.00 1				2no. Standard Trail Grid & Gate	69			\$ 10,000.00		\$ 10,000.00		\$ 10,000.00
Image: Sector				2no. Standard Trail Grid & Gate	69			\$ 10,000.00		\$ 10,000.00		\$ 10,000.00
Image: Section of the sectin of the section of the	C 1	TRAIL	. HEADS	2no. Standard Trail Grid & Gate	ea			\$ 10,000.00		\$ 10,000.00		\$ 10,000.00
N N	C 1	FRAIL Phi	. HEADS illpot Siding	2no. Standard Trall Grld & Gate Allow 50m of new post and wire fencing 6 car carpark, including 1 Concrete PWD park 200mm gravel		Sub-total	14,500		14,500			\$ 10,000.00
Image:	C T C1 C1	Ph	HEADS illpot Siding	2no. Standard Trail Grid & Gate Allow 50m of new post and wire fencing 6 car carpark, including 1 Concrete PWD park 200mm gravel 1 coat spray seal 8x10m pre-fabricated shelter Powder coated steel water tank	ea	Sub-total	14,500	\$ 10,000.00	14,500	\$ 10,000.00	14,500	\$ 10,000.00
Image: Section of the sectin of the section of th	C T C1 1 C1 2	Phi	Large Shelter	2no. Standard Trail Grid & Gate Allow 50m of new post and wire fencing 6 car carpark, including 1 Concrete PWD park 200mm gravel 1 coat spray seal 8x10m pre-fabricated shelter Powder coated steel water tank including shown furniture	ea ea	\$10,000.00 \$65,000.00	14,500	\$ 10,000.00	14,500	\$ 10,000.00	14,500	\$ 10,000.00
C1 6 71 il Head Sign 71 il Head Sign 71 is $2,000,00$ 1 5 $2,000,00$ 1 5 $2,000,00$ 1 5 $2,000,00$ 1 5 $2,000,00$ 1 5 $2,000,00$ 1 5 $2,000,00$ 1 5 $2,000,00$ 1 5 $2,000,00$ 1 5 $2,000,00$ 1 5 $800,00$ 1 5 $800,00$ 1 5 $800,00$ 1 5 $800,00$ 1 5 $800,00$ 1 5 $800,00$ 1 5 $800,00$ 1 5 $800,00$ 1 5 $9,000,00$ 1 5 $9,000,00$ 1 5 $9,000,00$ 1 5 $9,000,00$ 1 5 $9,000,00$ 1 5 $9,000,00$ 1 5 $5,000,00$ 1 5 $5,000,00$ 1 5 $5,000,00$ 1 5 $5,000,00$ 1 5 $5,000,00$ 1 5 $5,000,00$ 1 5 $5,000,00$ 1 5	C T C1 1 C1 2 C1 3	Phi	Large Shelter	2no. Standard Trall Grid & Gate Allow 50m of new post and wire fencing 6 car carpark, including 1 Concrete PWD park 200mm gravel 1 coat spray seal 8x10m pre-fabricated shelter Powder coated steel water tank including shown furniture 1.5m wide concrete footpath 100mm depth, compacted	ea ea ea ea ea	\$10,000.00 \$65,000.00 \$50.00	14,500	\$ 10,000.00 \$ 65,000.00 \$ 5,000.00	14,500	\$ 10,000.00 \$ 65,000.00 \$ 5,000.00	14,500	\$ 10,000.00
C1 7 C 0de of conduct sign C 0de of conduct si	C T C1 1 C1 2 C1 2 C1 3 C1 4	Phi	Large Shelter Gravel footpath Trees	2no. Standard Trall Grid & Gate Allow 50m of new post and wire fencing 6 car carpark, including 1 Concrete PWD park 200mm gravel 1 coat spray seal 8x10m pre-fabricated shelter Powder coated steel water tank including shown furniture 1.5m wide concrete footpath 100mm depth, compacted 100 Litre trees with 3 months of watering and maintenance Timber bollards	ea ea m ² ea	\$10,000.00 \$65,000.00 \$50.00 \$50.00	14,500 1 1 1 100 20	\$ 10,000.00 \$ 65,000.00 \$ 5,000.00 \$ 10,000.00	14,500 1 1 1 1 1 00 20	\$ 10,000.00 \$ 65,000.00 \$ 5,000.00 \$ 10,000.00	14,500	\$ 10,000.00
C1 8 Large interpretive signs Standard Stan	C T C1 1 C1 2 C1 2 C1 3 C1 4 C1 5	Phi	Large Shelter Gravel footpath Trees Bollards	2no. Standard Trall Grid & Gate Allow 50m of new post and wire fencing 6 car carpark, including 1 Concrete PWD park 200mm gravel 1 coat spray seal 8x10m pre-fabricated shelter Powder coated steel water tank including shown furniture 1.5m wide concrete footpath 100mm depth, compacted 100 Litre trees with 3 months of watering and maintenance Timber bollards	ea ea ea ea ea ea ea	\$10,000.00 \$65,000.00 \$500.00 \$120.00	14,500 1 1 1 1 100 20 50	\$ 10,000.00 \$ 65,000.00 \$ 5,000.00 \$ 10,000.00 \$ 6,000.00	14,500 1 1 1 1 1 00 20 50	\$ 10,000.00 \$ 65,000.00 \$ 5,000.00 \$ 10,000.00 \$ 6,000.00		\$ 10,000.00
C1 10 Cattle Grid New 3,5m cattle grid ea \$5,000.00 1 \$5,000.0	C T C1 1 C1 2 C1 2 C1 3 C1 4 C1 5 C1 5 C1 5 C1 5 C1 5 C1 5 C1 5 C1 5	Phi	Large Shelter Gravel footpath Trees Boilards Trail Head Sign	2no. Standard Trall Grid & Gate Allow 50m of new post and wire fencing 6 car carpark, including 1 Concrete PWD park 200mm gravel 1 coat spray seal 8x10m pre-fabricated shelter Powder coated steel water tank including shown furniture 1.5m wide concrete footpath 100mm depth, compacted 100 Litre trees with 3 months of watering and maintenance Timber bollards	ea ea m ² ea ea ea ea	\$10,000.00 \$65,000.00 \$50.00 \$120.00	14,500 1 1 1 1 1 00 20 50 1	\$ 10,000.00 \$ 65,000.00 \$ 5,000.00 \$ 10,000.00 \$ 10,000.00 \$ 2,000.00	14,500 1 1 1 1 1 00 20 50 1	\$ 10,000.00 \$ 65,000.00 \$ 5,000.00 \$ 10,000.00 \$ 6,000.00 \$ 6,000.00 \$ 8,000.00		\$ 10,000.00
C1 11 Standard Trail Grid & Gate 2no. Standard Trail Grid & Gate ea \$5,000.00 1 \$5,000.00 \$5,00	C T C1 1 C1 2 C1 3 C1 4 C1 5 C1 4 C1 5 C1 5 C1 6 C1 7 C1 8	Phi	HEADS illpot Siding Carpark Carpark Carge Shelter Gravel footpath Trees Bollards Trall Head Sign Code of conduct sign Large Interpretive signs	2no. Standard Trall Grld & Gate Allow 50m of new post and wire fencing 6 car carpark, including 1 Concrete PWD park 200mm gravel 1 coat spray seal 8x10m pre-fabricated shelter Powder coated steel water tank including shown furniture 1.5m wide concrete footpath 100mm depth, compacted 100 Litre trees with 3 months of watering and maintenance Timber boilards 900mm high, 200x100mm	ea ea ea ea ea ea ea ea	\$10,000.00 \$65,000.00 \$50.00 \$50.00 \$120.00 \$2,000.00 \$1,500.00	14,500 14,500 1 1 1 1 1 1 1 00 20 20 50 1 1 1 2	\$ 10,000.00 \$ 65,000.00 \$ 5,000.00 \$ 10,000.00 \$ 2,000.00 \$ 2,000.00 \$ 300.00 \$ 300.00 \$ 300.00	14,500 14,500 1 1 1 1 1 1 1 20 50 1 1 1 1 2	\$ 10,000.00 \$ 65,000.00 \$ 5,000.00 \$ 10,000.00 \$ 10,000.00 \$ 2,000.00 \$ 800.00 \$ 3,000.00		\$ 10,000.00
Sub-total 120,800 -	C T C1 1 C1 2 C1 3 C1 4 C1 5 C1 5 C1 5 C1 6 C1 7 C1 8 SC1 9	Phi	HEADS illpot Siding Carpark Carpark Carge Shelter Gravel footpath Trees Bollards Trail Head Sign Code of conduct sign Large interpretive signs Fencing	2no. Standard Trail Grid & Gate Allow 50m of new post and wire fencing 6 car carpark, including 1 Concrete PWD park 200mm gravel 1 coat spray seal 8x10m pre-fabricated shelter Powder coated steel water tank including shown furniture 1.5m wide concrete footpath 100 Litre trees with 3 months of watering and maintenance Timber bollards 900mm high, 200x100mm New stock fence to siding surrounds	ea ea ea ea ea ea ea ea ea lín m.	\$10,000.00 \$65,000.00 \$50.00 \$50.00 \$2,000.00 \$800.00 \$1,500.00	14,500 14,500 1 1 1 1 1 20 50 1 1 1 1 2 0 600	\$ 10,000.00 \$ 65,000.00 \$ 5,000.00 \$ 10,000.00 \$ 10,000.00 \$ 2,000.00 \$ 2,000.00 \$ 800.00 \$ 3,000.00 \$ 3,000.00	14,500 14,500 1 1 1 1 1 1 1 20 50 1 1 1 1 2 2 50 1 1 1 2 0 50 50 50 50 1 1 1 2 600	\$ 10,000.00 \$ 65,000.00 \$ 5,000.00 \$ 10,000.00 \$ 10,000.00 \$ 2,000.00 \$ 2,000.00 \$ 800.00 \$ 3,000.00 \$ 9,000.00		\$ 10,000.00
Sub-total 120,800 120,800 -	C1 7 C1 2 C1 3 C1 4 C1 4 C1 5 C1 4 C1 5 C1 6 C1 7 C1 7 C1 9 C1 9 C1 10 C1 10 C1 7 C1 7 C1 7 C1 7 C1 7 C1 7 C1 7 C1 7	Ph1	HEADS Illpot Siding Carpark Carpark Large Shelter Gravel footpath Trees Bollards Trail Head Sign Code of conduct sign Large Interpretive signs Fencing Cattle Grid	2no. Standard Trail Grid & Gate Allow 50m of new post and wire fencing 6 6 200mm gravel 1 1 200mm gravel 1 1 200mm gravel 1 200mm gravel 1 200mm depth, compacted 100 Litre trees with 3 months of watering and maintenance Timber bollards 900mm high, 200x100mm New stock fence to siding surrounds New 3.5m cattle grid 2no. Standard Trail Grid & Gate	ea ea m ² ea ea ea ea ea ea ea ea ea ea ea ea ea	\$10,000.00 \$65,000.00 \$50.00 \$500.00 \$120.00 \$120.00 \$120.00 \$15.00 \$15.00	14,500 14,500 1 1 1 1 1 1 1 20 50 1 1 1 1 2 0 600 1	\$ 10,000.00 \$ 10,000.00 \$ 65,000.00 \$ 5,000.00 \$ 10,000.00 \$ 2,000.00 \$ 2,000.00 \$ 800.00 \$ 3,000.00 \$ 3,000.00 \$ 3,000.00	14,500 14,500 1 1 1 1 1 1 1 20 20 20 20 20 20 20 20 20 20 20 20 20	\$ 10,000.00 \$ 65,000.00 \$ 5,000.00 \$ 5,000.00 \$ 10,000.00 \$ 2,000.00 \$ 2,000.00 \$ 3,000.00 \$ 3,000.00 \$ 3,000.00 \$ 3,000.00		\$ 10,000.00
	C1 7 C1 2 C1 3 C1 4 C1 4 C1 5 C1 4 C1 5 C1 6 C1 7 C1 7 C1 9 C1 9 C1 10 C1 10 C1 7 C1 7 C1 7 C1 7 C1 7 C1 7 C1 7 C1 7	Ph1	HEADS Illpot Siding Carpark Carpark Large Shelter Gravel footpath Trees Bollards Trail Head Sign Code of conduct sign Large Interpretive signs Fencing Cattle Grid	2no. Standard Trail Grid & Gate Allow 50m of new post and wire fencing 6 6 200mm gravel 1 1 200mm gravel 1 1 200mm gravel 1 200mm gravel 1 200mm depth, compacted 100 Litre trees with 3 months of watering and maintenance Timber bollards 900mm high, 200x100mm New stock fence to siding surrounds New 3.5m cattle grid 2no. Standard Trail Grid & Gate	ea ea m ² ea ea ea ea ea ea ea ea ea ea ea ea ea	\$10,000.00 \$10,000.00 \$65,000.00 \$50.00 \$500.00 \$120.00 \$1,500.00 \$1,500.00 \$1,500.00 \$1,500.00	14,500 14,500 1 1 1 1 1 1 1 20 50 1 1 1 1 2 600 1 1 1	\$ 10,000.00 \$ 10,000.00 \$ 65,000.00 \$ 5,000.00 \$ 10,000.00 \$ 2,000.00 \$ 2,000.00 \$ 800.00 \$ 3,000.00 \$ 3,000.00 \$ 3,000.00	14,500 14,500 1 1 1 1 1 1 1 1 20 50 20 50 1 1 1 1 1 1 1 1 1	\$ 10,000.00 \$ 65,000.00 \$ 5,000.00 \$ 5,000.00 \$ 10,000.00 \$ 2,000.00 \$ 2,000.00 \$ 3,000.00 \$ 3,000.00 \$ 3,000.00 \$ 3,000.00		\$ 10,000.00

2	1	Small Shelters	Including furniture	ea	\$12,000.00	1	\$ 12,000.00	1	\$ 12,000.00		
C2	2	Trees	100 Litre trees with 3 months of watering and maintenance	ea	\$500.00	20	\$ 10,000.00	20	\$ 10,000.00		
2	3	Large interpretive signs		ea	\$1,500.00	1	\$ 1,500.00	1	\$ 1,500.00		and the second second
C2 -	4	Fencing	New stock fence to siding surrounds	lin n	. \$15.00	1,100	\$ 16,500.00	1,100	\$ 16,500.00		
C2	5	Standard Trail Grid & Gate	2no. Standard Trail Grid & Gate Allow 50m of new post and wire fencing	63	\$5,000.00	2	\$ 10,000.00	2	\$ 10,000.00		
											de des alles de l'antes en entre
					Sub-tota	50,000		50,000		Not the second second	

C3		Hum	phrey Siding						weed and the state		Later Street	
C3	1		Small Shelters	Including furniture	ea	\$12,000.00	1	\$ 12,000.00	1	\$ 12,000.00		
СЗ	2		Trees	100 Litre trees with 3 months of watering and maintenance	69	\$500.00	20	\$ 10,000,00	20	\$ 10,000.00		
C3	3		Large interpretive signs		ea	\$1,500.00	1	\$ 1,500.00	1	\$ 1,500.00		
C3	4		Fencing	New stock fence to siding surrounds	lin m.	\$15.00	1,000	\$ 15,000.00	1,000	\$ 15,000.00		
СЗ	5			2no. Standard Trail Grid & Gate Allow 50m of new post and wire fencing	63	\$5,000.00	2	\$ 10,000.00	2	\$ 10,000.00		

_											
					Sub-total	48,500		48,500]	-	
4	M	t Debateable Siding		Section 1	A Street and	Service States				ALCONTRACTOR	
1		Carpark	6 car carpark, including 1 Concrete PWD park 200mm gravel 1 coat spray seal	69	\$10,000.00	1	\$ 10,000.	10 1	\$ 10,000.00		
1 2		Large Shelter	8x10m pre-fabricated shelter Powder coated steel 1x2000 poly water tank including shown furniture	ea	\$65,000.00	1	\$ 65,000.	0 1	\$ 65,000.00		
1 3		Tollet	5x4m pre-fabricated toilet powder coated steel frame rear storage room and cistern housing composting 1x2000 poly water tank	ea	\$50,000.00	1	\$ 50,000.	10 1	\$ 50,000.00		
4		Horse Yard	12x4m pre-fabricated steel horse yard Powder coated steel	ea	\$4,000.00	1	\$ 4,000.	20 1	\$ 4,000.00		
5		Concrete footpath	1.5m wide concrete footpath 100mm depth, plain grey N25 with F72 Mesh	m²	\$120.00	100	\$ 12,000.	20 100	\$ 12,000.00		
t 6		Trees	100 Litre trees with 3 months of watering and maintenance	ea	\$500.00	20	\$ 10,000.	20	\$ 10,000.00	and the second	
1 7		Bollards	Timber bollards 900mm high, 200x 100mm	ea	\$120.00	50	\$ 6,000.	50 50	\$ 6,000.00	n more and	
8		Trail Head Sign		ea	\$2,000.00	1	\$ 2,000	00 1	\$ 2,000.00		
9		Code of conduct sign		ga	\$800.00	1	\$ 800	00 1	\$ 800,00		DUSTRY STATE
1	0	Large interpretive signs		ea	\$1,500.00	2	\$ 3,000		\$ 3,000.00	LA CREATE LOW TH	
1	1	Small camping signs		69	\$50.00	6	\$ 300	00 6	\$ 300.00		A MARCAN
1	2	Camping sign		ea	\$250.00	1		0 1	\$ 250.00		
1 1	3	Fencing	New stock fence to siding surrounds	lin m.	\$15.00	800	\$ 12,000				C.C.S.S.LOOS
1	4	Standard Trail Grid & Gate	2no. Standard Trail Grid & Gate Allow 50m of new post and wire fencing	ea	\$5,000.00		\$ 10,000		\$ 10,000.00		
-					Sub-total	185,350		185,350		Statement of the local ball	

C5		Dirnt	bir Siding		122			AND A DECK					State State	
C5 1	1		Carpark	6 car carpark, including 1 Concrete PWD park 200mm gravel 1 coat spray seal		ea	\$10,000.00	1	\$ 10,000.00	1	\$	10,000.00		
C5 2	2		Large Shelter	8x10m pre-fabricated shelter Powder coated steel 1x2000l poly water tank including shown furniture		ea	\$65,000.00	1	\$ 65,000.00	1	\$	65,000.00		
C5 3	3		Tollet	5x4m pre-fabricated toilet powder coated steel frame rear storage room and cistern housing compositing 1x2000i poly water tank		9a	\$50,000.00	1	\$ 50,000.00	1	\$	50,000.00		
C5 4	4		Horse Yard	12x4m pre-fabricated steel horse yard Powder coated steel		ea	\$4,000.00	1	\$ 4,000.00	1	\$	4,000.00		
C5 5	5		Concrete footpath	1.5m wide concrete footpath 100mm depth, plain grey N25 with F72 Mesh		m²	\$120.00	100	\$ 12,000.00	100	\$	12,000.00		
C5 6	6		Trees	100 Litre trees with 3 months of watering and maintenance		65	\$500.00	20	\$ 10,000.00	20	\$	10,000.00		
C5 7	7		Bollards	Timber bollards 900mm high, 200x 100mm		ea	\$120.00	50	\$ 6,000.00	50	\$	6,000.00		
C5 8	8		Trail Head Sign			ea	\$2,000.00	1	\$ 2,000.00	1	\$	2,000.00		
C5 9	_		Code of conduct sign			ea	\$800.00		\$	1		800.00	and an and the	
C5 1			Large Interpretive signs			ea	\$1,500.00		\$	2		3,000.00		
	11		Small camping signs			6a	\$50.00		\$		\$	300,00	19951 19722 1964	13100.036.035
_	12		Camping sign			ea	\$250.00		\$	1		250.00		
	13		Fencing	New stock fence to siding surrounds		lin m.	\$15.00	800		800		12,000.00		
C5 :	14		Standard Trail Grid & Gate	2no. Standard Trail Grid & Gate Allow 50m of new post and wire fencing		ea	\$5,000.00	2	\$ 10,000.00	2	\$	10,000.00		
										107 777	-			
							Sub-total	185,350		185,350			and the second	

		uge est	timates are subject to detailed o	design and further investigation.									
01		Red	Gully Bridge	And the second						In the second second			
01	1		Board and Rall	Steel and aluminium pre-fabricated board and rall modification to bridge.	lin m.	\$2,000.00	55	\$	110,000.00	55	\$ 110,000.00	55	\$ 110,000.
1	2		Structure Repair	Refer structural report	lin m.	\$6,000.00	55	\$	330,000.00	55	\$ 330,000.00	55	\$ 330,000.
)1	3		Scour & Erosion Repair	Refer geo-tech report	m²	\$100.00	165	\$	16,500.00	165	\$ 16,500.00	165	\$ 16,500.
1	4		Vegetation managment	Brushcut and poison growth around footings and abutments.	m²	\$5.00	330	\$	1,650.00	330	\$ 1,650.00	330	\$ 1,650
1	5		Detritous removal	Remove dead vegetation, gravels, rocks and other detritous washed downstream from around footings and invert of creek to prevent build up and damage and allow for easier Inspection	m3	\$100.00	10	\$	1,000.00	10	\$ 1,000.00	10	\$ 1,000.
21	6		Safety signage		ea	\$350.00	2	\$	700.00	2	\$ 700.00	2	\$ 700.
01	7		Small interpretive sign		ea	\$250.00	1	\$	250.00	1	\$ 250.00	1	\$ 250.
1	8		Standard Trail Grid & Gate	2no. Standard Trail Grid & Gate Allow 50m of new post and wire fencing	ea	\$5,000.00	2	\$	10,000.00	2	\$ 10,000.00	2	\$ 10,000.
)1	9		Horse Mounting Seats		ea	\$500.00	2	\$	1,000.00	2	\$ 1,000.00	2	\$ 1,000.
-			L			Sub-total	471,100	-		471,100		471,100	

D2		Philp	ott Creek Bridge				The second second			Character and the	marchise (194)	BULLEY BASS
D2	1		Board and Rail	Steel and aluminium pre-fabricated board and rail modification to bridge.	lin m.	\$2,000.00	75	\$ 150,000.00	75	\$ 150,000.00	75	\$ 150,000.00
D2	2		Structure Repair	Refer structural report	 lin m.	\$8,000.00	75	\$ 600,000.00	75	\$ 600,000.00	75	\$ 600,000.00
D2	3		Scour & Erosion Repair	Refer geo-tech report	m²	\$200.00	225	\$ 45,000.00	225	\$ 45,000.00	225	\$ 45,000.00
D2	4		Vegetation managment	Brushcut and poison growth around footings and abutments.	m²	\$5.0D	400	\$ 2,000.00	400	\$ 2,000.00	400	\$ 2,000.00

D2	5	Detritous removal	Remove dead vegetation, gravels, rocks and other detritous	m3	\$100.00	50	\$ 5,000.00	50	\$ 5,000.00	50	\$ 5,000.00
			washed downstream from around footings and invert of creek								
			to prevent build up and damage and allow for easier								
			Inspection								
D2	6	Safety signage		ea	\$350.00	2	\$ 700.00	2	\$ 700.00	2	\$ 700.00
D2	7	 Small interpretive sign		ea	\$250.00	1	\$ 250.00	1	\$ 250.00	1	\$ 250,00
D2	8	Standard Trail Grid & Gate	2no. Standard Trail Grid & Gate	63	\$5,000.00	2	\$ 10,000.00	2	\$ 10,000.00	2	\$ 10,000.00
			Allow 50m of new post and wire fencing								
D2	9	Horse Mounting Seats		ea	\$500.00	2	\$ 1,000.00	2	\$ 1,000.00	2	\$ 1,000.00
					Sub-total	813,950		813,950		813,950	

3	P	hilp	ott Curve Bridge	A STATE OF A					The standard and the		A THIN STORAGE	Carl Street Income
3 1			Board and Rail	Steel and aluminium pre-fabricated board and rail modification to bridge.	lin m.	\$2,000.00	28	\$ 56,000.00	Same and			
3 2	+		Structure Repair	Refer structural report	lin m.	\$6,000.00	28	\$ 168,000.00				
3 3			Scour & Erosion Repair	Refer geo-tech report	m²	\$50.00	90	\$ 4,500.00		PLAN NEW YORK	San Share and a state	
3 4			Vegetation managment	Brushcut and poison growth around footings and abutments.	m²	\$5.00	180	\$ 900.00	180	\$ 900.00	180	\$ 900.00
3 5			Detritous removal	Remove dead vegetation, gravels, rocks and other detritous washed downstream from around footings and invert of creek to prevent build up and damage and allow for easier inspection	m3	\$50.00	5	\$ 250.00	5	\$ 250.00	5	\$ 250.00
3 6			Safety signage		69	\$350.00	2	\$ 700.00			and the second of	
03 7			Standard Trail Grid & Gate	2no. Standard Trail Grid & Gate Allow 50m of new post and wire fencing	69	\$5,000.00	2	\$ 10,000.00	2	\$ 10,000.00	2	\$ 10,000.00
3 8			Small interpretive sign		ea	\$250.00	1	\$ 250.00	1	\$ 250.00	1	\$ 250.00
3 9			Horse Mounting Seats		ea	\$500.00	2	\$ 1,000.00				
03 10	0		Balustrading to Abutment	Free standing, to match board and rail	lin m.	\$350.00	32	\$ 11,200.00		Less Callada		
Alter	rnat	te Ro	oute Construction								The second second	
3 1:	1		Earthworks	Earthworks to create safe trail around bridge	m3	\$50.00					60	\$ 3,000.00
06 12			Trail Surface Treatment Type 3	Upgrade of trail surface to ensure it is suitable to traverse	lin m.	\$60.00					40	\$ 2,400.00
3 13	3		Directional signs		ea	\$250.00				21921239999	4	\$ 1,000.00
	_					Sub-total	241,600		11,400		11,400	

D4		Slab	Creek Bridge											ALC: NO
24 1	1		Board and Rail	Steel and aluminium pre-fabricated board and rail modification to bridge.	lin m.	\$2,000.00	71	\$ 142,0	00.00					
04 2	2		Structure Repair	Refer structural report	lin m.	\$4,000.00	71	\$ 284,	000.00		2.1.2.2			
D4 3	3		Scour & Erosion Repair	Refer geo-tech report	m²	\$50.00	210	\$ 10,	500.00					
04 4	4		Vegetation managment	Brushcut and poison growth around footings and abutments.	m²	\$5.00	420	\$2,	100.00	420	\$	2,100.00	420	\$ 2,100.00
D4 5	5		Detritous removal	Remove dead vegetation, gravels, rocks and other detritous washed downstream from around footings and invert of creek to prevent build up and damage and allow for easier inspection	m3	\$50.00	50	\$2,	500.00	50	\$	2,500.00	50	\$ 125,000.00
D4 6	6		Safety signage		42	\$350.00	2	\$	700.00			and the second second		
D4 7	7		Small Interpretive sign		ea	\$250.00	1	\$	250.00	1	\$	25D.00	1	250.00
D4 8	8		Standard Trail Grid & Gate	Standard Trail Grid & Gate Allow 50m of new post and wire fencing	ltem	\$5,000.00	2	\$ 10,	000.000	2	\$	10,000.00	2	\$ 10,000.00
D4 9	9		Horse Mounting Seats		ea	\$500.00	2	\$ 1,	00,000					
D4 1	10		Balustrading to Abutment	Free standing, to match board and rail	lin m.	\$350.00	32	\$ 11,	200.00					
Alte	erna	ate R	oute Construction											1000
D4 1	11		Earthworks	Earthworks to create safe trail around bridge	m3	\$50.00		Contra 191		142	\$	-	142	\$ 7,100.00
D6 1			Trail Surface Treatment Type 3	Upgrade of trail surface to ensure it is suitable to traverse	lin m.	\$60.00				81	\$		81	\$ 4,860.00
D4 1	13		Directional signs		63	\$250.00				4	\$		4	\$ 1,000.00
						Sub-total	453,050			14,850			137,350	

D5		Ande	erson's Gully Bridge							the second second second		Constant States	
)5	1		Board and Rail	Steel and aluminium pre-fabricated board and rail modification to bridge.	lin m.	\$2,000.00	70	\$	140,000.00	70	\$ 140,000.00		
05	2		Structure Repair	Refer structural report	lin m.	\$4,000.00	70	\$	280,000.00	70	\$ 280,000.00		
55	3		Scour & Erosion Repair	Refer geo-tech report	m ²	\$200.00	210	\$	42,000.00	210	\$ 42,000.00	SATE OF STREET, ST	
D5	4		Vegetation managment	Brushcut and poison growth around footings and abutments.	m²	\$5.00	420	\$	2,100.00	420	\$ 2,100.00	420	\$ 2,100.0
D5	5		Detritous removal	Remove dead vegetation, gravels, rocks and other detritous washed downstream from around footings and invert of creek to prevent build up and damage and allow for easier inspection	m3	\$50.00	50	\$	2,500.00	50	\$ 2,500.00	50	\$ 2,500.0
D5	6		Safety signage		ea	\$350.00	2	\$	700.00	2	\$ 700.00		
D5	7		Standard Trail Grid & Gate	Standard Trail Grid & Gate Allow 50m of new post and wire fencing	item	\$5,000.00	2	\$	10,000.00	2	\$ 10,000.00	2	\$ 10,000.0
D5	8		Small interpretive sign		ea	\$250.00	1	\$	250.00	1	\$ 250.00		Distance Provide
D5	9		Horse Mounting Seats		ea	\$500.00	2	\$	1,000.00	2	\$ 1,000.00	2	\$ 2,000.0
D5	10		Balustrading to Abutment	Free standing, to match board and rail	lin m.	\$350.00	32	\$	11,200.00	32	\$ 11,200.00		
Alt	ern	ate R	oute Construction								- North State And State		Philip terrained
D5	11		Earthworks	Earthworks to create safe trail around bridge	m3	\$50.00						140	\$ 7,000.0
De			Trail Surface Treatment Type 3	Upgrade of trail surface to ensure it is suitable to traverse	lin m.	\$60.00			asia asi			80	\$ 4,800.0
D5	13		Directional signs		ea	\$250.00			-3			4	\$ 1,000.0
						Sub-total	489,750	1		489,750		16,600	

 D6
 Castor Oil Creek Bridge

 D6
 1
 Board and Rail
 Steel and aluminium pre-fabricated board and rail
 In m.
 \$2,000.00
 76
 \$ 152,000.00
 Castor Difference

6	1		Board and Rail	Steel and aluminium pre-fabricated board and rail modification to bridge.	lin m.	\$2,000.00	76 5	152,000.00				
6 :	2		Structure Repair	Refer structural report	lin m.	\$6,000.00	76 \$	456,000.00				
6	3		Scour & Erosion Repair	Refer geo-tech report	m ²	\$200.00	225 \$	45,000.00				
6 4	4		Vegetation managment	Brushcut and poison growth around footings and abutments.	m²	\$5.00	450 \$	2,250.00	450	\$ 2,250.00	450	\$ 2,250.00
6 :	5		Detritous removal	Remove dead vegetation, gravels, rocks and other detritous washed downstream from around footings and invert of creek to prevent build up and damage and allow for easier inspection	m3	\$100.00	50 \$	5,000.00	50	\$ 5,000.00	50	\$ 5,000.00
6	5		Safety signage		ea	\$350.00	2 \$	700,00				A LO MALORADON
6	7		Standard Trail Grid & Gate	Standard Trail Grid & Gate Allow 50m of new post and wire fencing	item	\$5,000.00	2 \$	10,000.00	2	\$ 10,000.00	2	\$ 10,000.00
6	в		Small interpretive sign		ea	\$250.00	1 \$	250.00				
6 !	Э		Horse Mounting Seats		69	\$500,00	2 \$	1,000.00	2	\$ 1,000.00	2	\$ 1,000.00
6	10		Balustrading to Abutment	Free standing, to match board and rail	lin m.	\$350.00	32 \$	11,200.00				
Alte	rna	ate R	oute Construction						the state of the state of the	A States		
6	11		Earthworks	Earthworks to create safe trail around bridge	m3	\$50.00	Aster Levie Sales		150	\$ -	150	\$ 7,500.00
6	12		Trail Surface Treatment Type 3	Upgrade of trail surface to ensure it is suitable to traverse	lin m.	\$60.00			86	\$ -	86	\$ 5,160.00
56	12		Directional signs		ea	\$250.00			4	\$ -	4	\$ 1,000.00

D7		Bay	nton's Bridge	CONTRACTOR OF A CONTRACTOR OF A CONTRACT OF			a strengthere and				CONTRACTOR STORE			
57	1		Board and Rail	Steel and aluminium pre-fabricated board and rail modification to bridge.	lín m.	\$2,000.00	74	\$	148,000.00	74	\$ 148,00	0.00		
57	2	-	Structure Repair	Refer structural report	lin m.	\$4,000.00	74	\$	296,000.00	74	\$ 296,00	0.00		
57	3		Scour & Erosion Repair	Refer geo-tech report	m ²	\$100.00	225		22,500.00	225	\$ 22,50	0.00	12/24/3	323-248.83
77	4		Vegetation managment	Brushcut and poison growth around footings and abutments.	m²	\$5.00	450	\$	2,250.00	450	\$ 2,25	0.00 450	\$	2,250.00
57	5		Detritous removal	Remove dead vegetation, gravels, rocks and other detritous washed downstream from around footings and invert of creek to prevent build up and damage and allow for easier inspection	m3	\$100.00	20	\$	2,000.00	20	\$ 2,00	0.00 20	\$	40,000.00
57	6		Safety signage		92	\$350.00	2	\$	700.00	2	\$ 70	0.00		and the state of the
57	7		Small Interpretive sign		ea	\$250.00	1	5	250.00	1		0.00 1	\$	250.00
57	8		Standard Trail Grid & Gate	2no. Standard Trail Grid & Gate Allow 50m of new post and wire fencing	ea	\$5,000.00	2	\$	10,000.00	2	\$ 10,00	0.00 2	\$	20,000.00
	9		Horse Mounting Seats		ea	\$500.00	2	\$	1,000.00	2	\$ 1,00	0.00	12.00	
D7	10		Balustrading to Abutment	Free standing, to match board and rail	lin m.	\$350.00	32	\$	11,200.00	32	\$ 11,20	0.00	1.200	
Alte	ern	ate F	Route Construction	E-MANUA PRANTER STREET STREET		Color Bartine	and an and a state				11501218			
D7	11		Earthworks	Earthworks to create safe trail around bridge	m3	\$50.00	1-02 -04-51	10,00	10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		15.0005.000	150	\$	7,500.00
D6	12		Trail Surface Treatment Type 3	Upgrade of trail surface to ensure it is suitable to traverse	lin m.	\$60.00	1 - Magazaki					84	\$	5,040.00
D7	13		Directional signs		62	\$250.00		19.74				4	\$	1,000.00
						Sub-total	482,700			482,700		62,500		

D8		Hum	phrey Bridge 2		A service the				and the second	makes and	and the second second	
D8 1	L		Scour & Erosion Repair	Refer geo-tech report	m²	\$200.00	150	\$ 30,000.00	150	\$ 30,000.00		
D8 2	2		Structure Repair	Refer structural report	lin m.	\$500.00	71	\$ 35,500.00	71	\$ 35,500.00		
D8 3	3		Vegetation managment	Brushcut and poison growth around footings and abutments.	m²	\$5.00	300	\$ 1,500.00	300	\$ 1,500.00	300	\$ 1,500.00
D8 4	1		Detritous removal	Remove dead vegetation, gravels, rocks and other detritous washed downstream from around footings and invert of creek to prevent build up and damage and allow for easier inspection	m3	\$100.00	50	\$ 5,000.00	50	\$ 5,000.00	50	\$ 5,000.00
D8 5	5		Safety signage		ea	\$350.00	2	\$ 700.00	2	\$ 700.00		
D8 6	5	0.000	Small interpretive sign		69	\$250.00	1	\$ 250.00	1	\$ 250,00	1	\$ 250.00
D8 7	7		Standard Trail Grid & Gate	2no. Standard Trail Grid & Gate Allow 50m of new post and wire fencing	ea	\$5,000.00	2	\$ 10,000.00	2	\$ 10,000.00	2	\$ 10,000.00
D8 8	3		Horse Mounting Seats		ea	\$500.00	2	\$ 1,000.00	2	\$ 1,000.00		
D8 9	3		Balustrading to Abutment	Free standing, to match board and rail	lin m.	\$350.00	32	\$ 11,200.00	32	\$ 11,200.00		
Alte	rna	ate R	oute Construction		A LOCAL DESIGNATION	Adda and Street of	Statistics in the second	LOLVEN STATES	a hard a start and a start of the		States and the second	ADDRESS OF TAXABLE
D8 1	10		Earthworks	Earthworks to create safe trail around bridge	m3	\$50.00				and the second second	142	\$ 7,100.00
D6 1	11		Trail Surface Treatment Type 3	Upgrade of trail surface to ensure it is suitable to traverse	lin m.	\$60.00					81	\$ 4,860.00
D8 1	12		Directional signs		ea	\$250.00			and the second		4	\$ 1,000.00
						Sub-total	83,950		83,950		16,750	

D9		Hum	phrey Bridge 1							ALL ALL PROPERTY					
D9	1		Board and Rail	Steel and aluminium pre-fabricated board and rail modification to bridge.	lin m.	\$2,000.00	71	\$	142,000.00	71	\$ 14	2,000.00			No. State
D9	2		Structure Repair	Refer structural report	lin m.	\$4,000.00	72	\$	288,000.00	72	\$ 28	8,000.00		1.000	
D9	3		Scour & Erosion Repair	Refer geo-tech report	m ²	\$100.00	210	\$	21,000.00	210	\$ 2	1,000.00	ALC: NO REPORT	13.35	314 S. 8 8 9
D9	4		Vegetation managment	Brushcut and poison growth around footings and abutments.	m ²	\$5.00	420	\$	2,100.00	420	\$	2,100.00	420	\$	2,100.00
D9	5		Detritous removal	Remove dead vegetation, gravels, rocks and other detritous washed downstream from around footings and invert of creek to prevent build up and damage and allow for easier inspection	m3	\$100.00	10	\$	1,000.00	10	\$	1,000.00	10	\$	1,000.00
D9	6		Safety signage		ea	\$350.00	2	\$	700.00	2	\$	700.00			1227 1278 129
D9	7		Small interpretive sign		ea	\$250.00	1	\$	250.00	1	\$	250.00			
D9	8		Standard Trail Grid & Gate	2no. Standard Trall Grid & Gate Allow 50m of new post and wire fencing	69	\$5,000.00	2	\$	10,000.00	2	\$ 1	0,000.00	2	\$	10,000.00
D9	9		Horse Mounting Seats		ea	\$500.00	2	\$	1,000.00	2	\$	1,000.00	2	\$	1,000.00
D9	9		Balustrading to Abutment	Free standing, to match board and rail	lin m.	\$350.00	32	\$	11,200.00	32	\$ 1	1,200.00			
Alte	ern	ate R	oute Construction												
D9	10		Earthworks	Earthworks to create safe trail around bridge	m3	\$50.00	NAMES OF STREET		1.128.4.3.7	STATISTICS AND STATISTICS			142	\$	7,100.00
D6	11		Trail Surface Treatment Type 3	Upgrade of trail surface to ensure it is suitable to traverse	lin m.	\$60.00							81	\$	4,860.00
D9	12		Directional signs		ea	\$250.00	STO SCIENCE	200			10/21/251		4	\$	1,000.00
						Sub-total	466,050			466,050			14,100		

D10	Roti	hs Bridge	A CONTRACTOR OF CONTRACTOR OF CONTRACTOR						COLLECTION COL				
D10 1		Board and Rail	Steel and aluminium pre-fabricated board and rail modification to bridge.	lin m.	\$2,000.00	41	\$	82,000.00					
D10 2		Structure Repair	Refer structural report	lin m.	\$6,000.00	41	\$	246,000.00					
D10 3		Scour & Erosion Repair	Refer geo-tech report	m ²	\$100.00	120	\$	12,000.00	and the second second second	CALCULATION OF	Salar and the state of the second		and a second second
D10 4		Vegetation managment	Brushcut and poison growth around footings and abutments.	m²	\$5.00	240	\$	1,200.00	240	\$ 1,200.	240	\$	1,200.00
D10 5		Detritous removal	Remove dead vegetation, gravels, rocks and other detritous washed downstream from around footings and invert of creek to prevent build up and damage and allow for easier inspection	m3	\$100.00	5	\$	500.00	5	\$ 500.0	50 5	\$	500.00
D10 6		Safety signage		ea	\$350.00	2	Ś	700.00	No- Color State State and			1939	Sector Sector Sector
D10 7		Small interpretive sign		ea	\$250.00	1		250.00	1	\$ 250.	00 1	\$	250.00
D10 8		Standard Trail Grid & Gate	2no. Standard Trail Grid & Gate Allow 50m of new post and wire fencing	69	\$5,000.00	2	\$	10,000.00	2	\$ 10,000.	2	\$	10,000.00
D10 9		Horse Mounting Seats		63	\$500.00	2	\$	1,000.00			an and a state of the second second	1	and the second
D10 9		Balustrading to Abutment	Free standing, to match board and rall	lin m.	\$350.00	32	\$	11,200.00				1.000	REPORT OF T
Alter	nate F	Route Construction			a tyfundaul				Several Se		A PARTY AND A		Children 1
D10 10		Earthworks	Earthworks to create safe trail around bridge	m3	\$50.00	S. Maria and and the				CALLS AND AND	142	\$	7,100.00
D10 11		Trail Surface Treatment Type 3	Upgrade of trail surface to ensure it is suitable to traverse	lin m.	\$60.00						81	\$	4,860.00
D10 12		Directional signs		ea	\$250.00						4	\$	1,000.00
					Sub-total	353,650			11,950		11,950		
							-					-	5 F54 447 55
Estimate Sub-Total (ex. GST):							1200	7,590,625.00		5,027,460.	00	1000	2,536,415.00
	Contingency (20%))		\$	1,518,125.00		\$ 1,005,492.	00	\$	507,283.00
			Estimate T	otal (ex. GST):			Ś	9,108,750.00		\$ 6,032,952.	00	\$	3,043,698.00

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BOYNE BURNETT INLAND RALL TRALL Project Masterplan



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General Design Considerations

Trail Surface

The surface of a rail trail is a critical component of its success. A successful surface should exhibit the following properties:

Be fit for purpose

The surface needs to cater appropriately to all users. In this instance, it needs to suit walkers, cyclists and horse riders. Generally speaking, fine graded crushed stone with fines is considered to be the most appropriate surface to cater to walkers, cyclists and horse riders, without providing separate surfaces for each use type.

Be robust

The surface needs to be resistant to wear from use, and resistant to damage and wear from natural processes such as wind and rain.

Be easy to maintain .

The surface should require little maintenance and should be easy and low cost to repair.

It should complement the character of the trail

The aesthetics of the trail surface should not be at odds with its surroundings and should enhance the user experience.

Surface Condition

The existing trail surface through each of the three sections is predominantly in good condition in terms of scour and erosion, it is generally considered to be an appropriate trail surface for all three user types. Where the trail is not fit for purpose it generally exhibits the following issues:

- Vegetation growing through the trail surface.
- Larger loose rocks and detritus on the track making it hard to walk, . cycle or ride on.
- . Scour or erosion where uncontrolled surface water is running over the track.
- Soil, silt or fine aggregate size forming the surface of the track resulting in it being more susceptible to particle movement, erosion or muddy and slippery conditions when wet.
- . Large aggregate size or ballast still in place, making the trail hard to walk, cycle or ride on.
- No track surface present. There are a few instances where the track surface has been removed or covered over completely, or, where the trail needs to be bypassed, such as around bridge crossings.

Detailed gravel pavement design are subject to future a future detailed design exercise and it is recommended that in-situ subgrade testing be done to confirm these designs.

Where required, the track could be treated with one of the following typical treatments: -

Trail Surface Treatment Type 1

It is recommended that Treatment Type 1 be the minimum treatment level for the entire trail. It assumes the trail surface is in good condition already

This treatment involves:

- Mechanical removal of surface vegetation.
- Spraying out vegetation to stop it growing back through the trail . surface.
- Grading the surface to remove large rocks and detritus.
- Lightly rolling the surface to compact the existing gravel profile.

It is recommended that this treatment be carried out further as a maintenance process to the entire trail at required intervals. This will ensure the longevity of the trail and highlight any potential problem areas that arise.

Trail Surface Treatment Type 2

Treatment Type 2 is recommended to be used where the following issues arise:

- Very heavy vegetation on surface.
- Minor scour or erosion on the trail surface.
- Shallow, slightly oversized aggregate (~5-10mm) making up the trail surface.
- Shallow finer material making up the trail surface.
- Where there is no trail surface present but there is a robust, compact sub-grade in place.

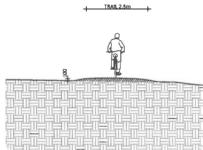
This treatment involves:

- Mechanical removal of surface vegetation.
- Spraying out vegetation to stop it growing back through the trail surface.
- Grading the surface to remove large rocks and detritus.
- Lightly rolling the surface to compact the existing gravel profile.
- Add 100mm depth of locally sourced, fine graded crushed stone with fines(CBR 80) to the surface, it would be ideal for the colour or type of stone to match what is existing to achieve the least impact on the visual amenity of the trail.
- Trim, shape and compact.

Trail Surface Treatment Type 3

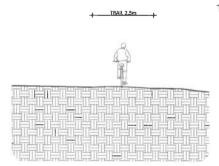
Treatment Type 3 is recommended to be used where the following issues arise:

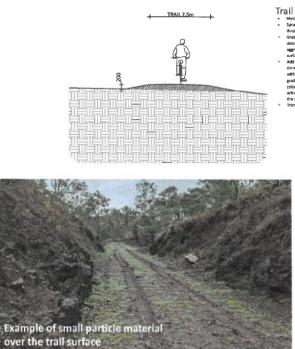
- Very heavy vegetation on surface.
- Major scour or erosion on the trail surface.
- Deep, very oversized aggregate (<10mm) or ballast making up the trail surface.
- Deep, large amounts of finer material making up the trail surface or soil over surface.
- Where there is no trail surface present and the existing sub-grade is poor.
- Trail Surface Treatment Type 1



Trail Surface Treatment Type 2

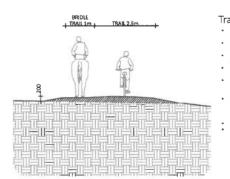
- r. depth of locally sourced, fine grade a with fines[CBR 80; to the surface Id be ideal for the colour or t in what is existing to achiev





- Trail Surface Treatment Type 3
- Spraying out vegetation to stop it growing back through the trai surface.
- we large rocks and

the trail. Trim, shape and compact



Trail Surface Treatment Type 4

- ang out vegetation to stop it growing bed
- Grading the surfac detritus to 3.5m w Lightly rolling the s
- one (CBR 35) to re-

- Trim, shape and compact. Apply two-coat spray seal system (to 2.5m width only).

This treatment involves:

surface.

Mechanical removal of surface vegetation.

the surface to compact the resultant gravel profile.

least impact on the visual amenity of the trail.

Trim, shape and compact.

constructed as part of this treatment.

Very poor subgrade.

surface to 3.5m width.

This treatment involves:

width.

3.5m width.

Continuous heavy wear on surface.

Around heavy use areas such as sidings.

issues arise:

Trail Surface Treatment Type 4

Add 200mm depth of locally sourced crushed stone to the

It is not envisaged that this treatment is required at this stage of the

natural landscape, and, is expensive to install, maintain and repair. It is

envisaged this treatment might be used in the future where particular

project and it is felt it should be used as a last resort. This level of treatment is thought to impact on the character of being in mostly

problem areas are identified. As this treatment is not appropriate

for use by horse riders, it is proposed that a 1m wide bridle trail be

Treatment Type 4 is recommended to be used where the following

Mechanical removal of surface vegetation to 3.5m width

Reoccurring very heavy vegetation on surface despite removal.

Spraying out vegetation to stop it growing back through the trail

Grading the surface to remove large rocks and detritus to 3.5m

Add 200mm depth of locally sourced crushed stone to the

surface, 100mm of CBR 80 material; over 100mm of CBR 35

to the surface, 100mm of finely graded stone over (CBR 80),

Add 1m wide of 200mm depth of locally sourced crushed stone

100mm of coarsely graded stone (CBR 35) to create the bridle trail.

Lightly rolling the surface to compact the existing gravel profile to

Spraying out vegetation to stop it growing back through the trail

Grading the surface to remove large rocks and detritus, OR, grade

and remove oversized aggregates or ballast off site. Lightly rolling

surface, 100mm of finely graded stone with fines (CBR 80), over

the colour or type of stone to match what is existing to achieve the

100mm of coarsely graded stone (CBR 35). It would be ideal for

material (to 2.5m width).

- - removal of surface vegetation it vegetation to stop it growing back







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General Design Considerations

Bridges

There are a large number of bridges through the trail which should be retained. Bridges are very much an attractor to these types of recreational facilities as they are iconic and encapsulate the heritage and character of rail corridors. Repairing and converting these so that trail users can ride across as many bridges as possible. further enhances the experience of the trail and will attract more users. Re-using heritage elements for purpose similar to their original intended purpose (ie. travel), enhances the heritage preservation and the user experience. Utilising the bridges will promote more frequent use of the trail, especially during periods of rain as it resolves the issue of traversing creeks and gullies when they are flowing.

Repairs and conversions to bridges to improve safety for trail users represents one of the largest single cost items associated with the rollout of the trail. With this in mind bridge repairs and conversions will need to be prioritised based on their importance and the ease and cost of repair.

As a minimum, it is proposed that all bridges be retained and undergo basic maintenance and monitoring to ensure they can be preserved, and don't pose any safety concern to trail users or others.

It is anticipated that all bridges will require some intervention, whether it is maintenance for preservation or work to convert it for trail use

Many of the bridges have suitable alternative routes already that require little or no work to make useable. This is however a dry weather only option. Many of these bridges would be considered a low priority to repair and could be considered for repair or conversation in future, for either conservation or trail use.

Several bridges have poor or no suitable alternative routes. To attract more users, provide better continuity, and better overall trail experience, these bridges should be prioritized for conversion.

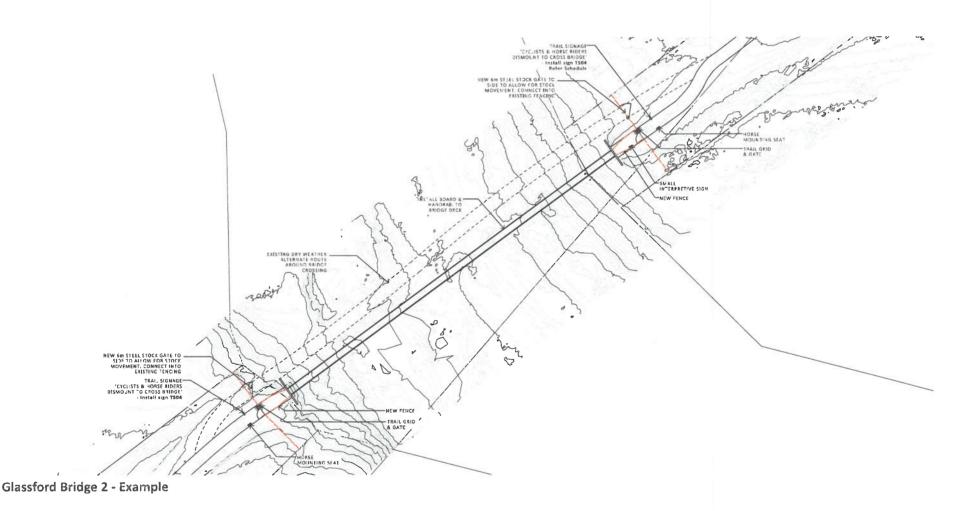
Many bridges are very damaged and will require very expensive repairs to be deemed traversable. These will need to be assessed carefully to make sure that project funds are being used as efficiently as possible.

To facilitate the conversion of bridges it is proposed to install a lightweight, modular steel and aluminium board and handrail system to allow people to safely traverse the bridges. It is recommended that cyclists and horse riders dismount when crossing the bridges. This allows the handrails of the bridges to be kept lower, keeping cost down and maintaining views from the bridge for walkers.

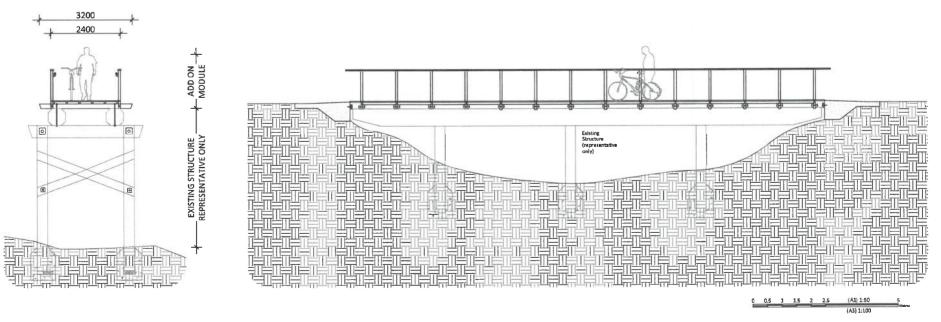
It is further recommended to remove all of the timber sleepers on converted bridges. These sleepers represent a very high proportion of damaged or failed elements on all bridges and the connection they have with their supporting girders also represented a consistent point of damage or failure. Replacing them would constitute a significant cost, and create an ongoing maintenance burden for the trail.

Timber sleepers in general, particularly on bridges, are an iconic part of the visual character of a rail trail. The fact there are very few sleepers remaining on the trail, makes them highly desirable to keep, but it is proposed that this desirable outcome is outweighed by the need to keep maintenance costs and labour down. It is recommended that sleepers be kept on bridges which are not considered for repairs, to keep as much of this character as possible.

Where conversion is to occur fencing and a trail grid and gate is proposed at either end. This assists to isolate livestock from wandering onto bridges and acts as a point of dismount for cyclists and horse riders. Safety signage warning users to dismount will be provided at either end. It is proposed to have interpretive signage to highlight the history and intricacies of each individual bridge.



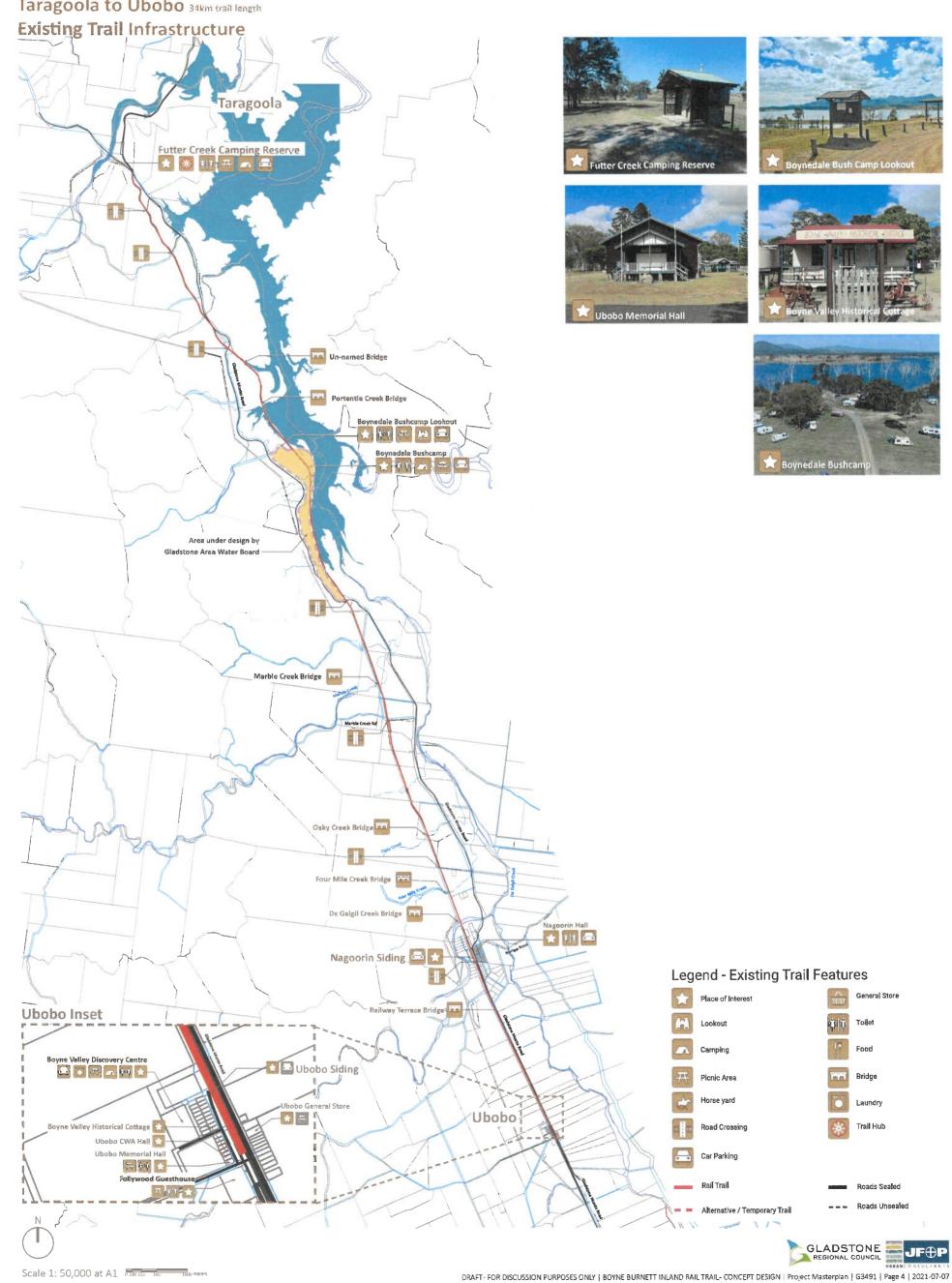
Board and Handrail bridge conversion



(A1) 1:50 (A3) 1:100

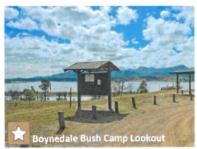


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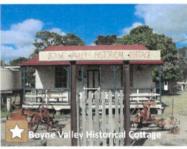


Taragoola to Ubobo 34km trail length





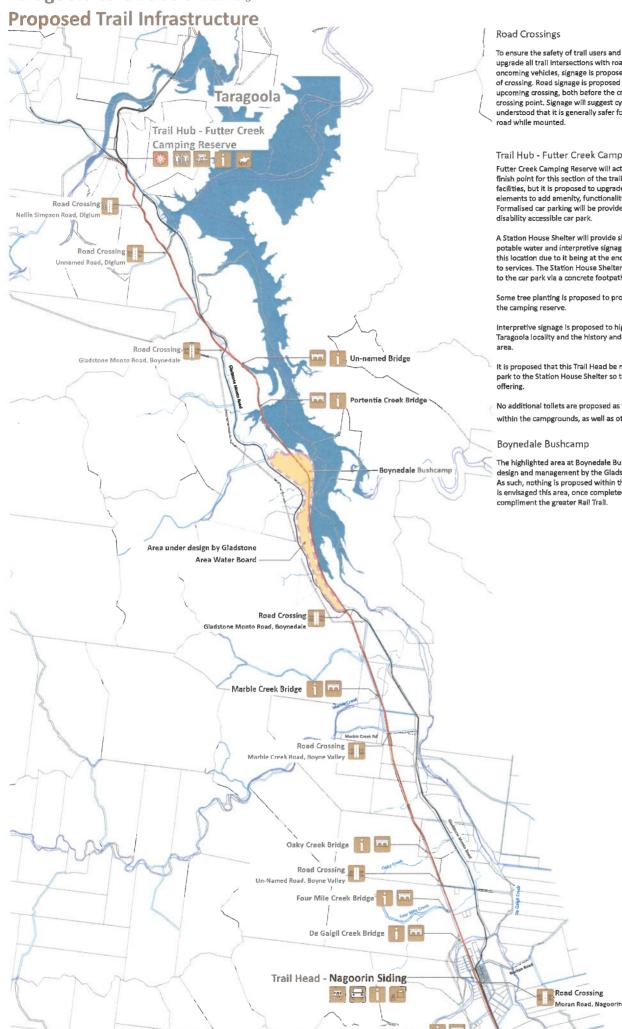








Taragoola to Ubobo 34km trail length



To ensure the safety of trall users and motorists, it is proposed to upgrade all trail intersections with roads. To inform trail users of oncoming vehicles, signage is proposed before and at the point of crossing. Road signage is proposed to inform vehicles of the upcoming crossing, both before the crossing point and at the crossing point. Signage will suggest cyclists' dismount, but it is understood that it is generally safer for horse riders to cross the

Trail Hub - Futter Creek Camping Reserve

Futter Creek Camping Reserve will act as a trail hub and a start or finish point for this section of the trail. It currently has camping facilities, but it is proposed to upgrade the hub with a number of elements to add amenity, functionality and interest to the trail. Formalised car parking will be provided for 6 vehicles, including one

A Station House Shelter will provide shade, seating, tables, non-potable water and interpretive signage. A rubbish bin is proposed at this location due to it being at the end of trail and easily accessible to services. The Station House Shelter is proposed to be connected to the car park via a concrete footpath.

Some tree planting is proposed to provide shade and amenity to

Interpretive signage is proposed to highlight the rich heritage of the Taragoola locality and the history and impact of the rail line on the

It is proposed that this Trail Head be made accessible from the car park to the Station House Shelter so that it has an all of community

No additional toilets are proposed as there are existing toilets within the campgrounds, as well as other facilities.

The highlighted area at Boynedale Bushcamp is currently under design and management by the Gladstone Area Water Board. As such, nothing is proposed within this area by this project. It is envisaged this area, once completed, will connect with and compliment the greater Rail Trail.

Trail Head - Nagoorin Siding

Nagoorin Siding will act as a trail head and start, intermediate or finish point for this section of trail. It is proposed to upgrade the siding with a number of elements to add amenity, functionality and interest to the trail. Formalised car parking will be provided for 6 vehicles, including one disability accessible car park.

A Station House Shelter will provide shade, seating, tables, non-A station house sheller will provide shade, seating, tables, hor-potable water and interpretive signage. A rubbish bin is proposed at this location due to it being at the end of trail and easily accessible to services. The Station House Shelter is proposed to be connected to the car park via a concrete footpath.

New tree planting is proposed to provide shade and amenity to the Siding

Interpretive signage is proposed to highlight at the rich heritage of the Nagoorin township and the history and impact of the rail line on the area

It is proposed that this Trail Head be made accessible from the car park to the Station House Shelter so that it has an all of community offering.

No toilets are proposed as there are existing toilets in Nagoorin Hall, across the road from the Siding.

Trail Head - Ubobo Siding

Ubobo Siding will act as a trail head and start or finish point for this section of trail. It is proposed to upgrade the siding with a number of elements to add amenity, functionality and interest to the trail. Formalised car parking will be provided for 6 vehicles, including one disability accessible car park.

A Station House Shelter will provide shade, seating, tables, nonpotable water and interpretive signage. It is proposed to provide a rubbish bin at this location due as it is an end of trail location and will be easy to service. The Station House Shelter is proposed to be connected to the car park via a concrete footpath.

Some tree planting is proposed to provide shade and amenity to the Siding.

Interpretive signage is proposed to highlight at the rich heritage of the Builyan township and the history and impact of the rail line on the area

A 3 stall horse yard is proposed.

As camping and other accommodation options are already available in Ubobo, no additional camping is proposed

It is proposed that this Trail Head be made accessible from the car park to the Station House Shelter so that it has an all of community offering.

No toilets are proposed as there are existing public toilets in the Ubobo Memorial Hall.



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Taragoola to Ubobo 34km trail length Bridges

Un-named Bridge

This is a short timber bridge that passes approximately 5m high above a gully. It is currently unpassable and in a state of disrepair. There is significant scour around some of the bridge piers and the southern bridge abutment needs repair.

There is currently, an alternative dry weather route through the invert of the creek the bridge crosses. It needs minor earthworks to make the batters safe to approach if this route is to be used long term.

Effort of repair and conversion: Medium Priority to repair and convert: Low

Portentia Creek Bridge

Portentia Creek Bridge is a relatively modern concrete and steel bridge. It can currently be safely traversed and is preserved in its current state, and needs only minor maintenance and monitoring for it to be used long term. It is proposed to install a new safety handrail, interpretive signage at the bridge's northern end, to highlight its history. The ballast will also be covered and infilled with a fine roadbase to make a smooth and trafficable surface.

Effort of repair and conversion: Low Priority to repair and convert: High

Marble Creek Bridge

Marble Creek Bridge is a longer timber bridge that spans Marble Creek approximately 3m above the invert. It is currently unpassable and in need of extensive repair works. It has minor erosion and scour around the bridge piers that is recommended to be repaired.

There is currently an alternative dry weather route through the invert of the creek the bridge crosses. It needs minor earthworks to make the batters safe to approach if this route is to be used longer term. It is proposed to install interpretive signage at the northern end to highlight their history.

Effort of repair and conversion: High Priority to repair and convert: Low

Oaky Creek Bridge

Oaky Creek Bridge is a short timber bridge that spans Oaky Creek approximately 5m above the invert. It is currently unpassable and in need of repair works. It has minor erosion and scour around the bridge piers that is recommended to be repaired.

There is currently an alternative dry weather route through the invert of the creek the bridge crosses. It needs minor earthworks to make the batters safe to approach if this route is to be used longer term. It is proposed to install interpretive signage at the northern end to highlight their history.

Effort of repair and conversion: High Priority to repair and convert: Medium

Four Mile Creek Bridge

Four Mile Creek Bridge is a short timber bridge that spans Four Mile Creek approximately 3m above the invert. It is currently unpassable and in need of repair works. It has minor erosion and scour around the bridge piers that is recommended to be repaired.

There is currently an alternative dry weather route through the invert of the creek the bridge crosses. It needs minor earthworks to make the batters safe to approach if this route is to be used long term.

Effort of repair and conversion: Medium Priority to repair and convert: Low

De Galgil Creek Bridge

De Galgil Creek Bridge is a longer timber bridge that spans De Galgil Creek approximately 7m above the creek line. It is currently unpassable and in need of extensive repair works. There is some scouring and erosion around the bridge's piers, which need further investigation and repair to be considered safe.

There is currently an alternative dry weather route through the invert of the creek the bridge crosses. It needs minor earthworks to make the batters safe to approach if to be used long term.

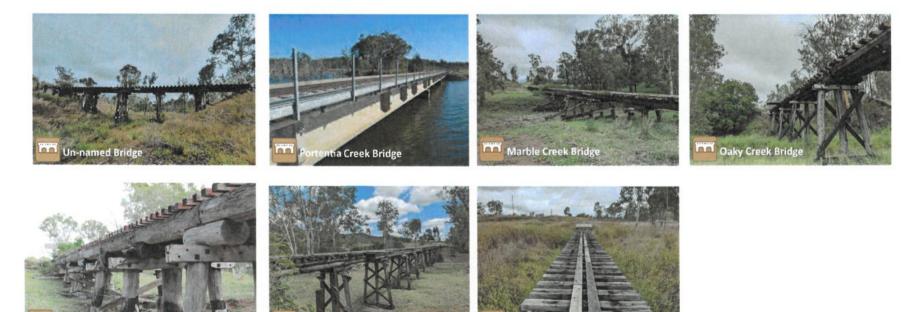
Effort of repair and conversion: High Priority to repair and convert: Low

Railway Terrace Bridge

Railway Terrace Bridge is a short timber bridge that crosses a small gully approximately 3m above the invert. It is currently unpassable and in need of repair works. It has minor erosion and scour around the bridge piers that is recommended to be repaired.

There is currently an alternative dry weather route through the invert of the creek the bridge crosses. It needs minor earthworks to make the batters safe to approach if to be used long term. Due to this being the only safe pedestrian link between Ubobo and Nagoorin, it is recommended the repair of this bridge be a priority.

Effort of repair and conversion: Medium Priority to repair and convert: High

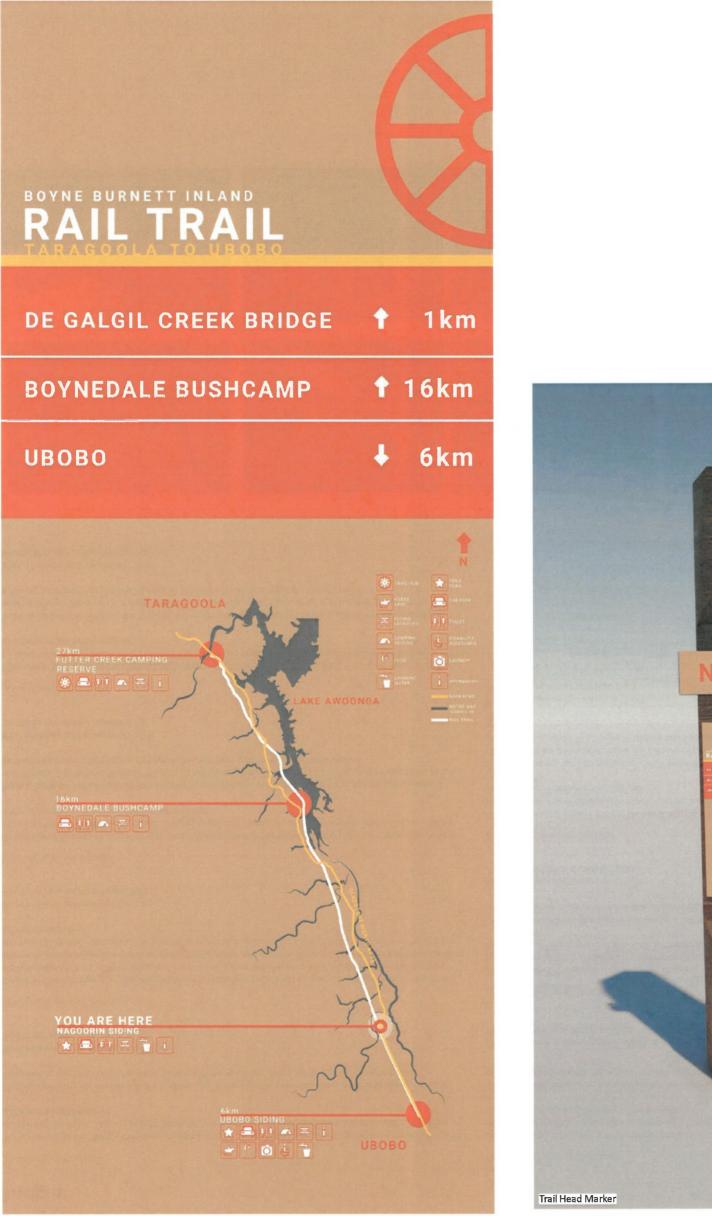






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Taragoola to Ubobo 34km trail length Proposed Trail Wayfinding





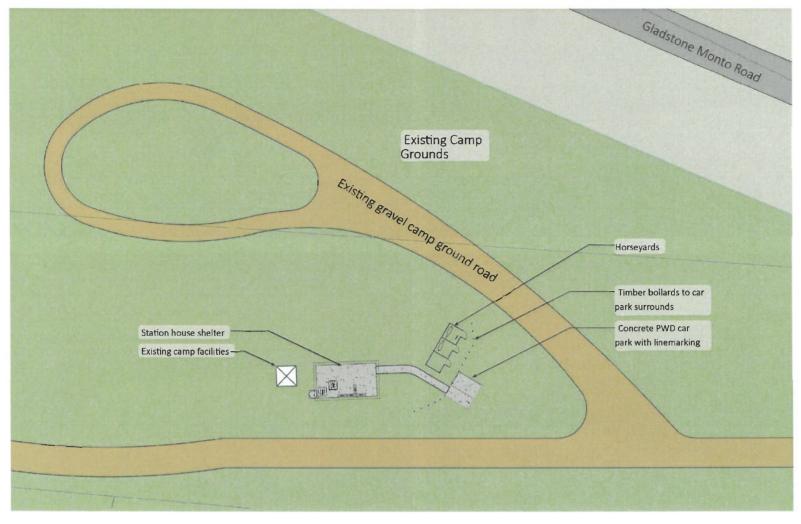




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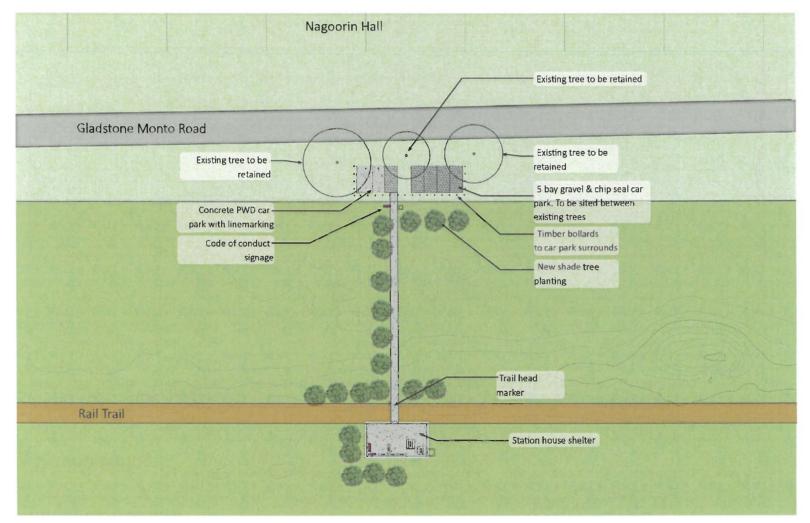
Taragoola to Ubobo 34km trail length Trail Heads

Trail Hub - Futter Creek Camping Reserve



Scale 1: 200 at A1

Trail Head - Nagoorin Siding



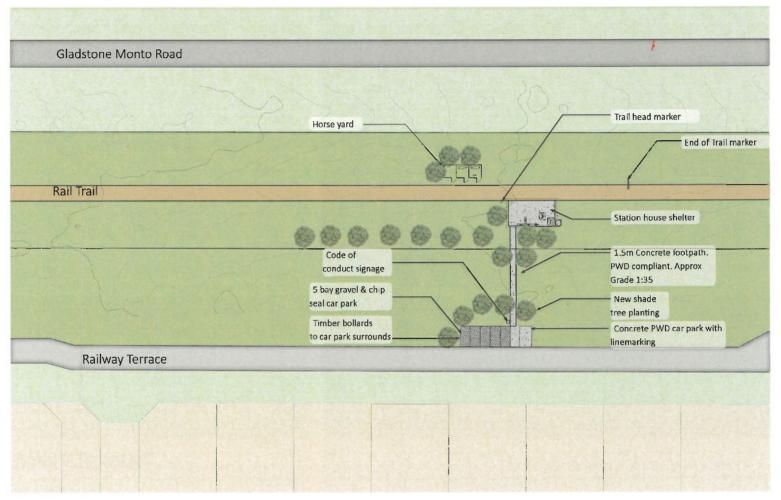




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Taragoola to Ubobo 34km trail length **Proposed Trail Infrastructure**

Trail Head - Ubobo Siding



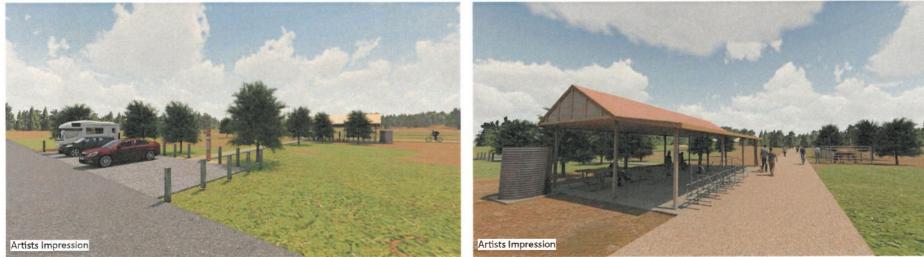
Scale 1: 200 at A1

150 300 350

(A1) 1:5000

500





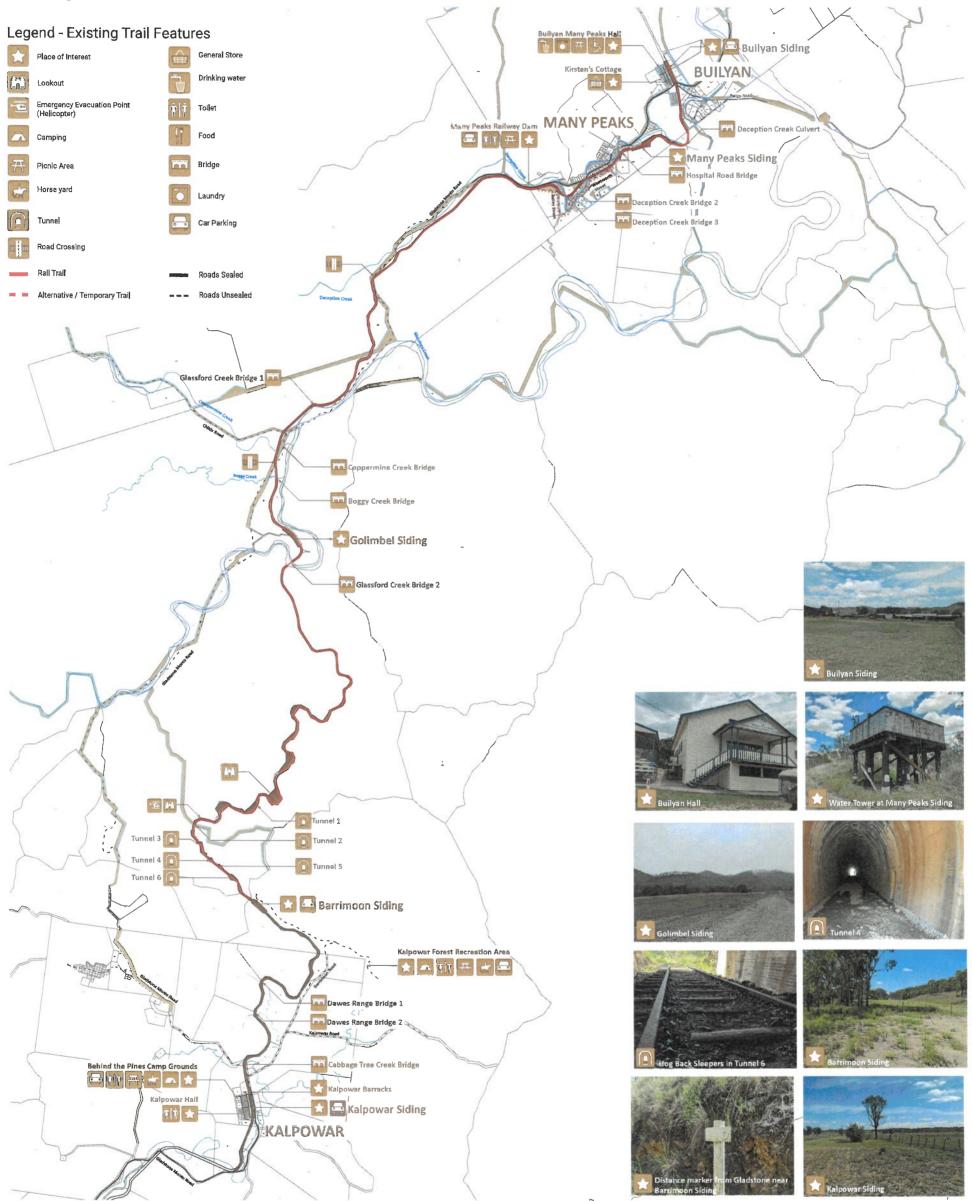






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Builyan to Kalpowar 32km trail length Existing Trail Infrastructure

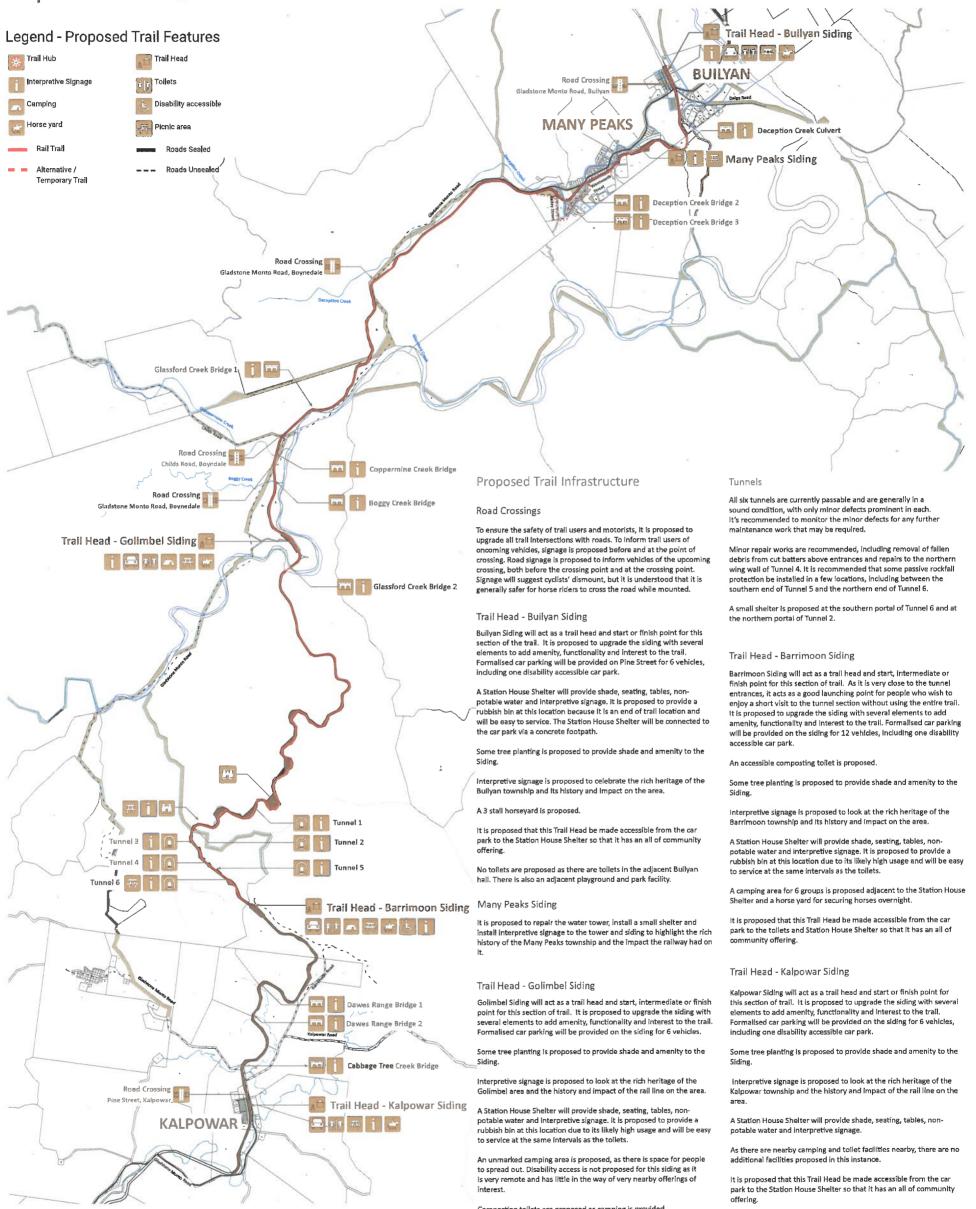




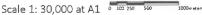


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Builyan to Kalpowar 32km trail length **Proposed Trail Infrastructure**







Composting toilets are proposed as camping is provided.



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Builyan to Kalpowar 32km trail length

Rock Cuttings & Steep Fill Embankments

Through this section of trail, there are three distinct areas where the rail line has been cut through localised rock formations or built upon large fill embankments to traverse deep guilles. There is a risk in these areas of landslide or rockfall, or, in falling off the trail, down an embankment, causing injury or death.

Deception Creek Cuttings:

There are some smaller sections of steep cut batters between Deception Creek culvert and the Many Peaks siding. There is some 'small The are some anome accume or steep out outers between betepoor treex content and the many reaks standing. The is some anome and scale' instability on the cut batters through this area that could result in earth or rocks falling onto the rail trail and potentially injuring trail users. It is recommended a detailed slope stability analysis is done in this area to further identify any potential issues or safety hazards. It is recommended to install signage warning people of the hazards and encouraging them to move through the area without stopping. There are also some steep fill embankments in this area, where it is possible that a trail user could come off the trail and fall down an embankment and hurt themselves or worse.

Glassford Cuttings:

Between Glassford Creek Bridge 1 to the south and the Gladstone Monto Road crossing some 3km to the north, there are several sections of cut batters through rock. There are multiple instances of evidence of landslides and rockfalls (up to 3m3). The chance of occurrence of a landslide or rockfall could be considered to be likely to almost certain but with a relatively low risk to life. It is recommended a detailed slope analysis be done to look further at risk and any remediation that needs doing. It is recommended nended to install signage warning people of the hazards and encouraging them to move through the area without stopping.

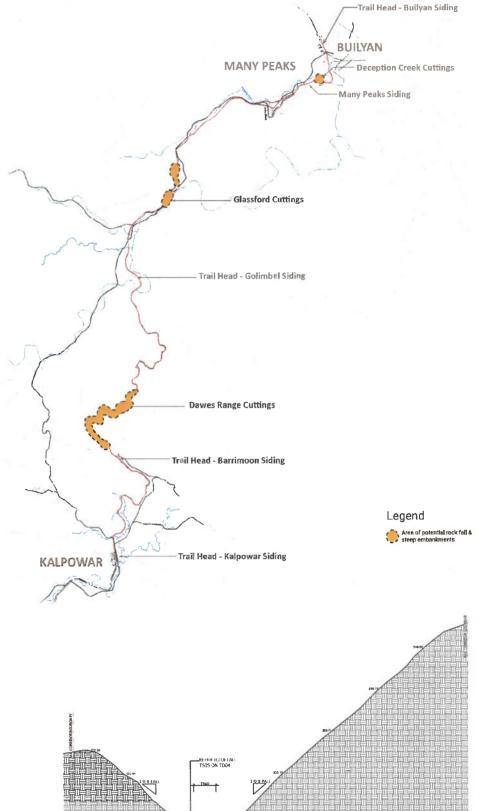
Dawes Range Cuttings:

Between Tunnel 6 to approximately 6km north or halfway to Glassford Creek Bridge 2 there are broad-scale rock cuttings with steep embankments, with a frequent undercut or overhanging rock formations. There is frequent evidence of landsildes and rockfalls up to 2m3 and numerous instances of potential instability were observed. Landsilde or rockfall in this section is considered to be 'likely' to 'almost certain', with the likelihood of danger to a person coming down to the statistical chance of someone being at the point of danger at the time of rockfall. It is recommended a detailed slope analysis be done to look further at risk and any remediation that needs doing. It is recommended to install signage warning people of the hazards and encouraging them to move through the area without stopping. A detailed slope analysis may conclude that active or passive rockfall protection measures such as catch fences or rockfall mesh. Several sections around the tunnel portals are recommended for remediation and catch fence installation.

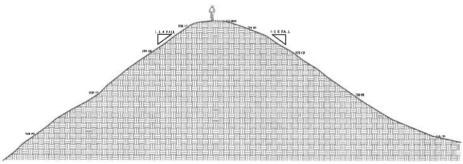
One of the largest attractions of rail trails is the sense of adventure that comes from an element of risk. Another is the character and amenity of being in a remote location without large amounts of human infrastructure intervention. While it is acknowledged that some safety concerns need actioning to maintain a safe trail, it is not proposed to install large amounts of rockfall protection or safety barriers. Rockfall fences will be proposed to be installed only where necessary to maintain public safety but should be minimised to maintain some sense of adventure and to not clutter the natural landscape with hardware elements. In the same way, some fail protection fencing is proposed where there are sheer drop-offs around retaining structures and bridge abutments, but generally, it is not proposed to fence off the steep embankments. Trail users should be thoroughly informed of the risks via signage and through the registration process.

The key to making this rail trail safe in the long term is trail user education. National Parks provide many people each year with adventure recreation options with inherent elements of risk, with little incident. It is thought that a similar approach can be taken here, with the right information.

+



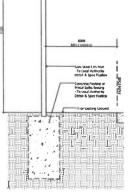
Typical Section - Rock Cuttings



Typical Section - Fill Embankments







Example rockfall safety sign

Typical rock cutting with rockfall evident

Typical steep embankments around exisiting retaining structure

Typical steep embankments



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Builyan to Kalpowar 32km trail length Bridges

Deception Creek Culvert

Deception Creek culvert was a timber bridge that has later been incased in earth to protect it from erosion damage. It can currently be safely traversed and is preserved in its current state, and needs only minor maintenance, vegetation management and monitoring to ensure its retention. It is proposed to install interpretive signage at the northern end of the bridge to highlight its history.

Deception Creek Bridge 2 & 3

Deception Creek Bridge 2 & 3 are short timber bridges within the township of Many Peaks. They are currently unpassable, and need repair works as they both have some minor erosion and scour around the bridge piers and abutments.

There is currently an alternative route around these two bridges along 'The Terrace' loop road.

Effort of repair and conversion: High Priority to repair and convert: High

Glassford Creek Bridge 1

This short, curved timber bridge is currently unpassable and in a state of disrepair. There is some erosion and scour around the northern bridge abutment that will need repair to ensure it is safe and robust.

There is currently an alternative dry weather route through the invert of the creek the bridge crosses. It needs minor earthworks to make the batters safe to approach if this path is to be used long term.

Effort of repair and conversion: Medium Priority to repair and convert: Medium

Coppermine Creek Bridge

This is a longer timber bridge that passes approximately 6m high above Coppermine Creek. It is currently unpassable and in a state of disrepair. There is significant scour around some of the bridge piers and the southern bridge abutment needs repair.

There is currently an alternative dry weather route through the invert of the creek the bridge crosses. It needs minor earthworks to make the batters safe to approach if this path is to be used long term.

Effort of repair and conversion: Medium Priority to repair and convert: Low

Boggy Creek Bridge

This short timber bridge spans over Boggy Creek invert approximately 8m high, and is currently unpassable and in a state of disrepair. It has very minor scour and erosion around the bridge piers that is recommended to repair. There is also a large amount of deposited material and vegetation detritus around the bridge piers that should also be removed.

There is currently an alternative dry weather route through the invert of the creek the bridge crosses. It









needs minor earthworks to make the batters safe to approach if this path is to be used long term.

Effort of repair and conversion: Medium Priority to repair and convert: Low

Glassford Creek Bridge 2

This very long steel and concrete bridge are currently unpassable and in a state of disrepair. There is some erosion and scour around the bridge piers due to large flows through the creek; it is recommended this be repaired.

There is currently an alternative dry weather route through the invert of the creek the bridge crosses. It needs minor earthworks to make the batters safe to approach if this path is to be used long term.

Effort of repair and conversion: Medium Priority to repair and convert: Low

Dawes Range Bridges 1 & 2

Dawes Range Bridges 1 & 2 are short timber bridges just north of the township of Kalpowar. They are currently unpassable and they need repair works. Both bridges have minor scouring and erosion around the bridge piers, and abutments recommended to repair but with no observable damage.

There is currently a dry weather alternative route around these two bridges; through the invert. It needs minor works to improve the batter approaches in order for this track to be used as an appropriate alternative.

Effort of repair and conversion: Medium Priority to repair and convert: Medium

Cabbage Tree Creek Bridge

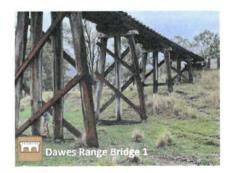
This bridge is a steel and concrete bridge immediately north of the township of Kalpowar, crossing over Gladstone Monto Road and Cabbage Tree Creek. It is currently unpassable and needs repair works. It has some erosion and scour around the north abutment and generally in the creek invert recommended to repair.

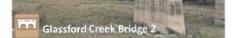
The alternative route to crossing this bridge would require leaving the trail ~5km north at Barrimoon and travelling along local roads and Gladstone Monto road. This is seen as undesirable and difficult to manage, so the repair and board and handrail of this bridge is considered a high priority to ensure connectivity of the trail and safety of trail users.

Effort of repair and conversion: Medium Priority to repair and convert: High



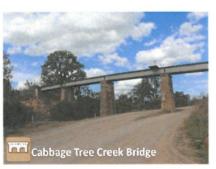






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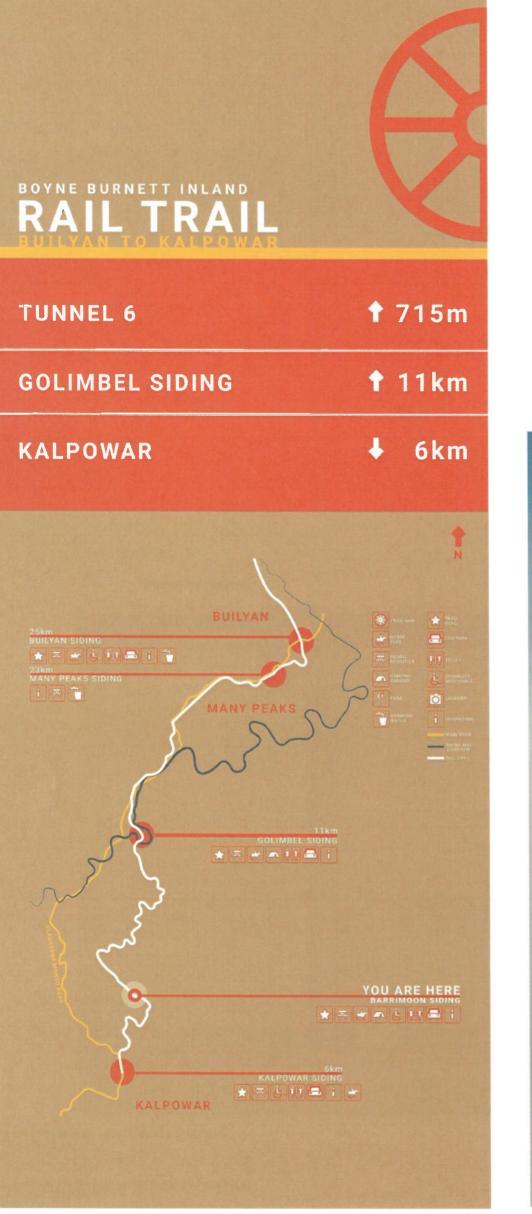


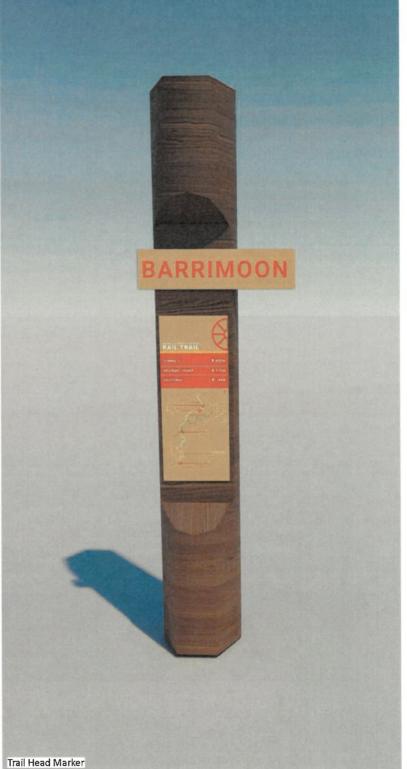




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Builyan to Kalpowar 32km trail length Proposed Trail Wayfinding



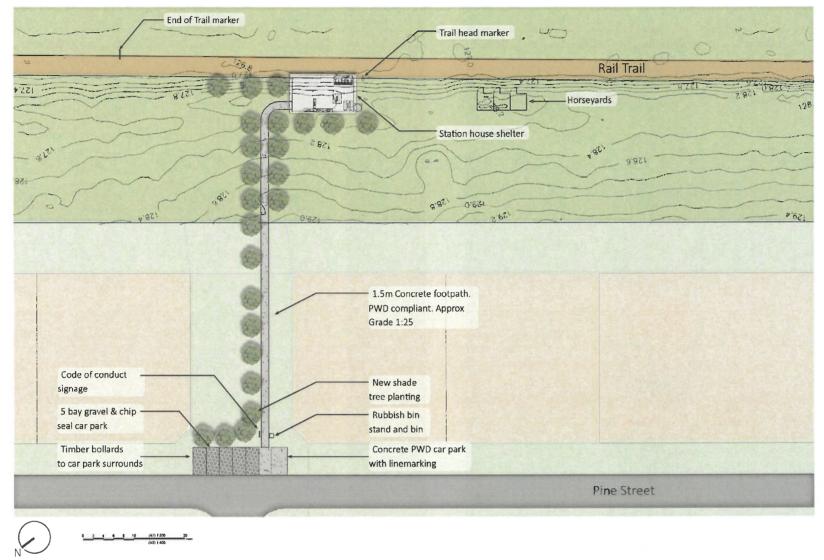




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Builyan to Kalpowar 32km trail length Proposed Trail Infrastructure

Trail Head - Builyan Siding



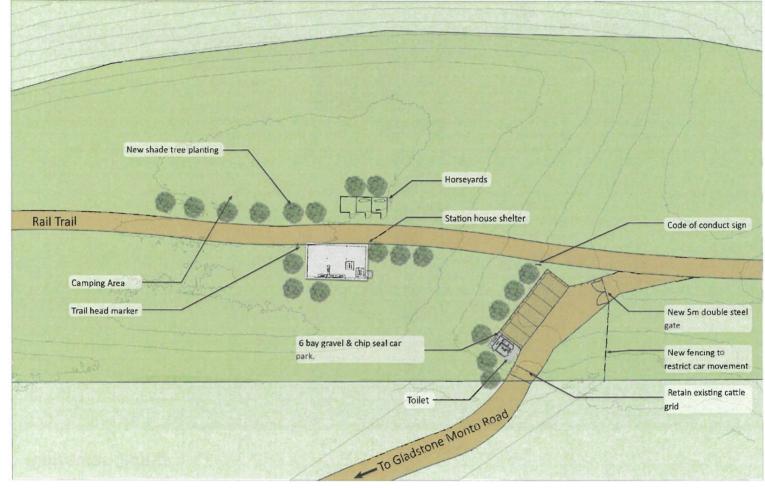
Scale 1: 200 at A1



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Builyan to Kalpowar 34km trail length Proposed Trail Infrastructure

Trail Head - Golimbel Siding











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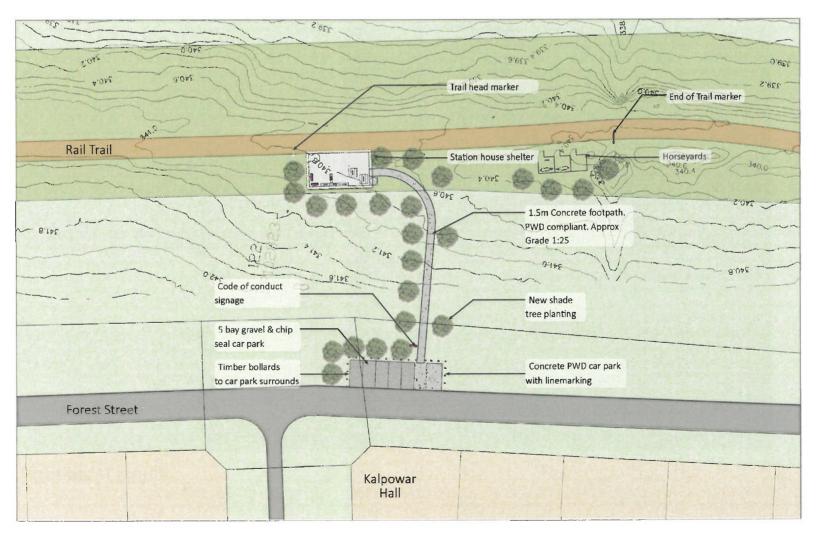
Builyan to Kalpowar 32km trail length Proposed Trail Infrastructure

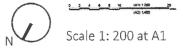
Trail Head - Barrimoon Siding

Barrimoon Road	
New shade tree planting part	ncrete PWD car kwith line marking VD toilet Camping Area. Numbered timber bollards to define area & individual sites Rail Trail Horse yards Station house shelter

Scale 1: 200 at A1

Trail Head - Kalpowar Siding

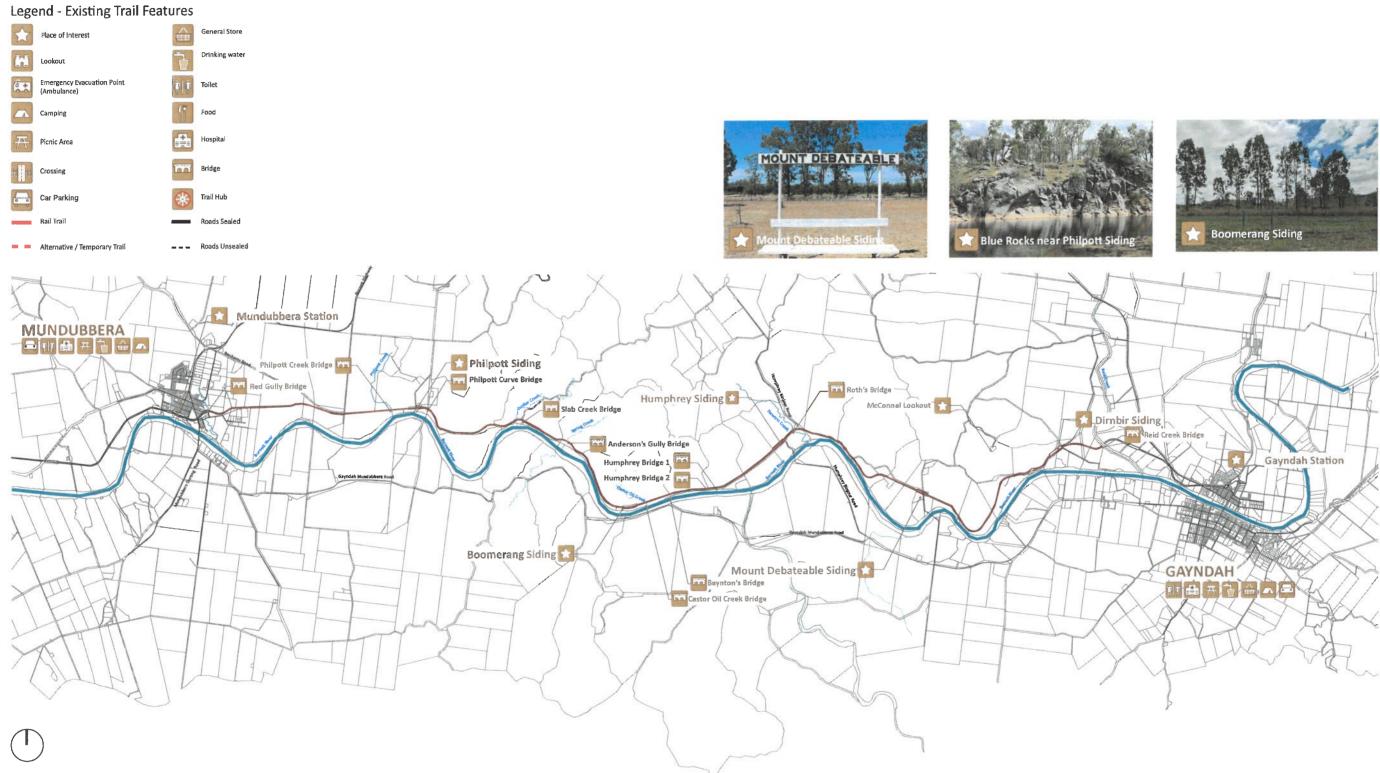






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Mundubbera to Gayndah 32km trail length **Existing Trail Infrastructure**







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Mundubbera to Gayndah 32km trail length

Proposed Trail Infrastructure

Road Crossings

To ensure the safety of trail users and motorists, it is proposed to upgrade all trail intersections with roads. To inform trail users of oncoming vehicles, signage is proposed before and at the point of crossing. Road signage is proposed to inform vehicles of the upcoming crossing, both before the crossing point and at the crossing point. Signage will suggest cyclists' dismount, but it is understood that it is generally safer for horse riders to cross the road while mounted.

Trail Head - Philpott Siding

Philpott Siding will act as a trail head and start, intermediate or finish point for this section of trail. It is proposed to upgrade the siding with several elements to add amenity, functionality and interest to the trail. Formalised car parking will be provided for five vehicles on the siding, off Benhams Road.

Some tree planting is proposed to provide shade and amenity to the Siding.

Interpretive signage will be provided to look at the rich heritage of the Philpott village and the history and impact of the rall line on the area

A Station House Shelter will provide shade, seating, tables, non-potable water and interpretive signage.

Boomerang Siding

It is proposed to repair and reinstate fencing to the perimeter of the siding and provide a trail grid & gate at either end to allow trail access. It is also proposed to put In a small shelter and interpretive signage.

Humphrey Siding

It is proposed to repair and reinstate fencing to the perimeter of the siding and provide a trail grid & gate at either end to allow trail access. It is also proposed to put in a small shelter and interpretive signage.

Trail Head - Mount Debateable Siding

Mount Debateable Siding will act as a trail head and start, intermediate or finish point for this section of trail. It is proposed to upgrade the siding with several elements to add amenity, functionality and interest to the trail. Formalised car parking will be provided on the siding for 6 vehicles, including one disability accessible car park.

An accessible composting toilet with a rubbish bin is proposed. New tree planting is proposed to provide shade and amenity to the Siding.

Interpretive signage is proposed to look at the rich heritage of the local area and the impact the rail line had on it.

A Station House Shelter will provide shade, seating, tables, non-potable water and interpretive signage, it is proposed to provide a rubbish bin at this location due to its likely high usage and will be easy to service at the same intervals as the toilets.

A camping area for 6 groups is proposed adjacent the Station House Shelter, as well as a horse vard for securing horses overnight.

It is proposed that this Trail Head be made accessible from the car park to the Tollets and Station House Shelter so that it has an all of community offering.

Trail Head - Dirnbir Siding

Dirnbir Siding will act as a trail head and start, intermediate or finish point for this section of trail. It is proposed to upgrade the siding with several elements to add amenity, functionality and interest to the trail. Formalised car parking will be provided on the siding for 6 vehicles, including one disability accessible car park.

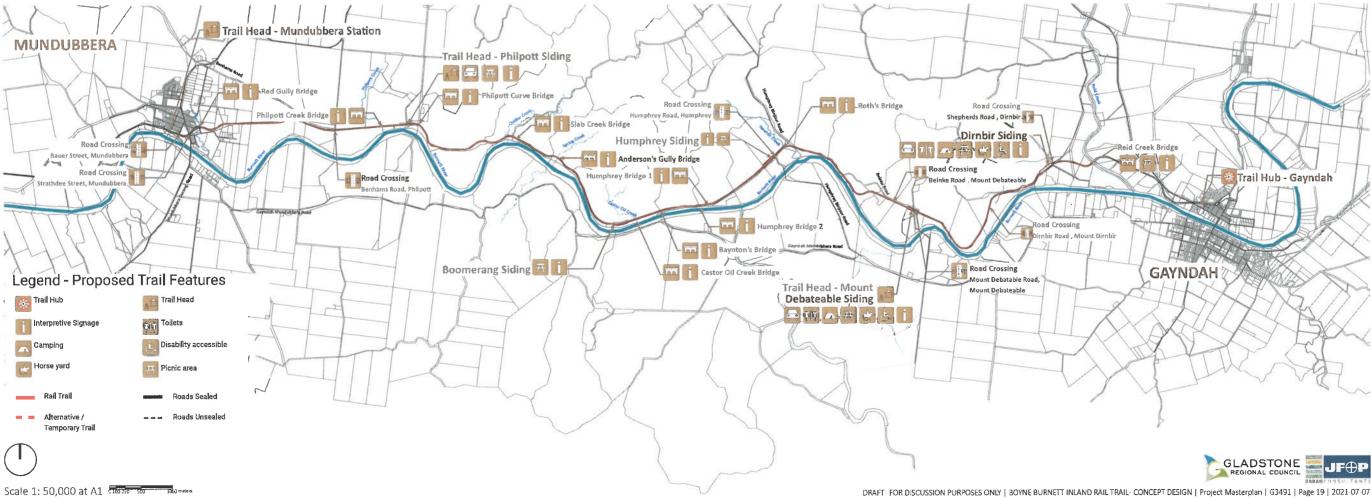
An accessible composting tollet with a rubbish bin is proposed. New tree planting is proposed to provide shade and amenity to the Siding.

Interpretive signage is proposed to look at the rich heritage of the local area and the impact the rail line had on it.

A Station House Shelter will provide shade, seating, tables, non-potable water and interpretive signage. It is proposed to provide a rubbish bin at this location due to its likely high usage and will be easy to service at the same intervals as the toilets.

A camping area for 6 groups is proposed adjacent the Station House Shelter, as well as a horse yard for securing horses overnight

It is proposed that this Trail Head be made accessible from the car park to the Toilets and Station House Shelter so that it has an all of community offering



Mundubbera to Gayndah 32km trail length **Bridges**

Red Gully Bridge

Red Gully Bridge is a short timber bridge within the township of Mundubbera, crossing approximately 4m high over Stuart Russell Road. It is currently unpassable and requires minor repair works to be safely traversable. It has minor erosion issues around the bridge piers and western abutment.

The alternate route around the bridge would require trail users to ride along local roads, which makes repairing and upgrading this bridge a priority to give continuity to the trail and a seamless journey out of or into Mundubbera

Effort of repair and conversion: Medium Priority to repair and convert: High

Phillpott Creek Bridge

Phillpott Creek Bridge is a longer timber, steel and concrete bridge approximately 20m high over Philpott Creek. It is currently unpassable and needs extensive investigation and repair work to be safely traversable. There is significant erosion and scouring to the eastern abutment and creek bank and undermining of 3 eastern bridge piers, likely caused by large volumes of fast-moving water travelling through the creek. There is potentially further scouring and undermining under the bridge piers in the standing water of the creek.

The banks of Philpott Creek are too steep to traverse, and it currently has wide, deep standing water. The only practical alternative route is to loop back onto the track by heading north along Shallcross road and then west, a 7km detour. Considering the extensive repairs required for this bridge, it should still be seen as the highest priority for giving the rail trail continuity, connecting Philpott Siding to Mundubbera.

Effort of repair and conversion: High Priority to repair and convert: High

Philpott Curve Bridge

Philpott Curve Bridge is a shorter timber bridge over the end of Shallcross Road, approximately 5m high. It is currently unpassable and requires minor repair works to be safely traversable. It has minor erosion issues around the bridge piers and western abutment.

There is an adequate dry weather alternate route around the bridge. It is proposed to install interpretive signage at the eastern end of the bridge.

Effort of repair and conversion: Medium

Priority to repair and convert: Low

Slab Creek Bridge

Slab Creek Bridge is a longer timber, steel and concrete bridge approximately 15m high over Slab Creek. It is currently unpassable and requires extensive repair works to be safely traversable and robust long term. It has widespread erosion and scour around the abutments and through the creek invert that requires repair and monitoring, but no observable damage to the abutment structures or bridge piers as a result.

There is an adequate dry weather alternate route through the creek invert, it needs earthworks and potentially drainage stuctures to be used as a long term alternative to the bridge crossing.

Effort of repair and conversion: Medium Priority to repair and convert: Low

Anderson's Gully Bridge

Anderson's Gully Bridge is a longer timber, steel and concrete bridge spanning approximately 10m over the gully. It is currently unpassable and requires extensive repair works to be safely traversable and robust long term. It has significant erosion and scour around the western abutment and through the creek invert that requires repair and monitoring, but no observable damage to the abutment structures or bridge piers

There is an adequate dry weather alternate route through the invert of the gully that needs minor earthworks to be used long term.

Effort of repair and conversion: Medium

Priority to repair and convert: Medium





Castor Oil Creek Bridge

Castor Oil Bridge is a longer timber, steel and concrete bridge spanning approximately 10m over the creek. It is currently unpassable and requires extensive repair works to be safely traversable and robust long term. The eastern abutment and first span have been removed. There is significant erosion and scour through the creek invert and eastern bridge piers that require repair and monitoring, but no observable damage to the abutment structures or bridge piers as a result.

Due to the extensive repairs required to make this bridge traversable, it is proposed for this project to have only immediate required repair works to ensure its preservation and safety of nearby trail users. If repair was decided to be viable in the future, a new bridge to span the missing existing spans may be an option rather than repair the missing spans. The dry weather access through the creek invert requires minor earthworks to make it a safe and robust longer-term solution. It is proposed to install interpretive signage at the eastern end of the bridge

Effort of repair and conversion: High Priority to repair and convert: Low

Baynton's Bridge

Baynton's Bridge is a longer timber, steel and concrete bridge spanning approximately 15m high over the gully. It is currently unpassable and requires extensive repair works to be safely traversable and robust long term. There are some areas of erosion and scour around the bridge piers and abutments that requires repair and monitoring.

There is an adequate dry weather alternate route around the bridge that would need minor earthworks to be used long term.

Effort of repair and conversion: Medium Priority to repair and convert: Low

Humphrey Bridge 2

Humphrey Bridge 2 is a shorter, steel and concrete bridge approximately 15m high over a large creek line. It is currently passable, but requires repair works to be safely traversable and robust long term. It has significant erosion and scour around the abutments, bridge piers and through the creek invert that requires repair and monitoring. There is observable damage to the wing walls of the eastern abutments.

There is an adequate but cumbersome alternate route, doubling back to Humphrey Road and then back onto the trail. This route would require directional signage if it were to be used longer-term instead of repairing the bridge

Effort of repair and conversion: Low Priority to repair and convert: High

Humphrey Bridge 1

Humphrey Bridge 1 is a shorter, steel and concrete bridge approximately 20m over a large creek line. It is currently passable and but requires repair works to be safely traversable and robust long term. It has significant erosion and scour around the western abutment and through the creek invert that requires repair and monitoring, but no observable damage to the abutment structures or bridge piers.

There is an adequate but cumbersome alternate route, doubling back to Humphrey Road and then back onto the trail. This route would require directional signage if it were to be used longer-term instead of repairing the bridge.

Effort of repair and conversion: Low Priority to repair and convert: High

Roth's Bridge

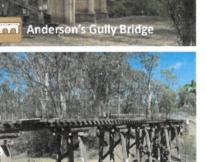
Roth's Bridge is a shorter timber bridge, crossing approximately 7m high over a dry creek line. It is currently unpassable and requires minor repair works to be safely traversable. It has some minor erosion issues around some bridge piers and eastern abutment.

There is an adequate dry weather alternate route through the creek invert, which needs minor earthworks to be used long term.

Effort of repair and conversion: Medium Priority to repair and convert: High



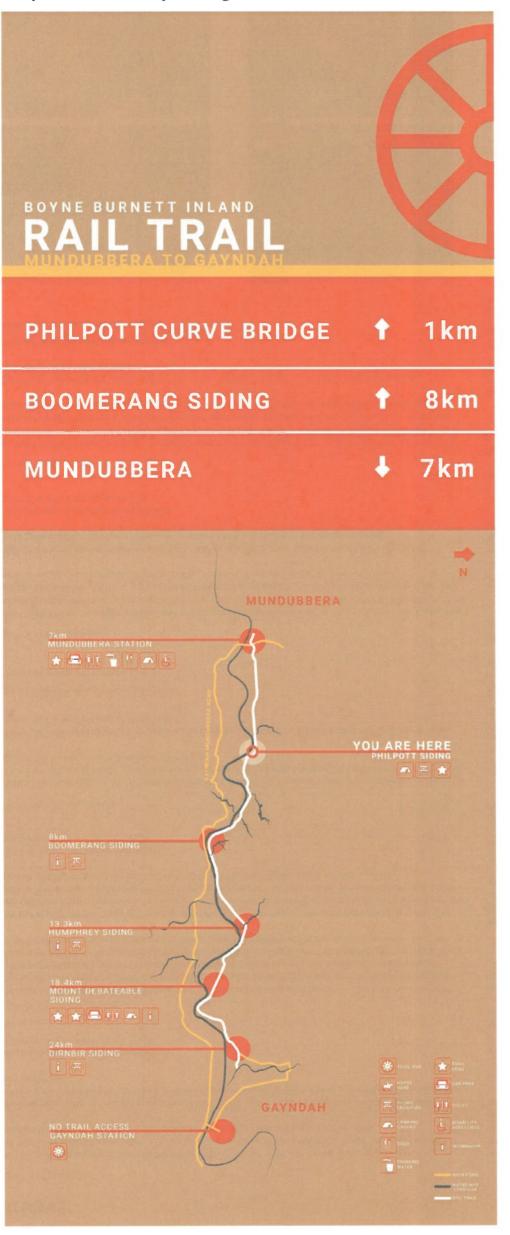


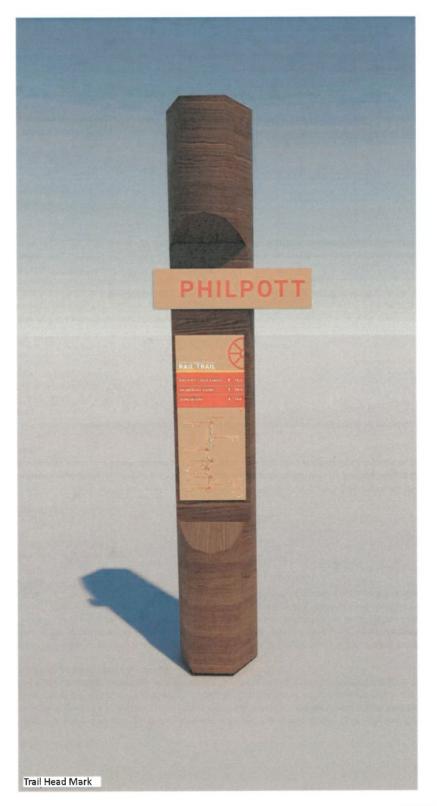




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Mundubbera to Gayndah 32km trail length Proposed Trail Wayfinding



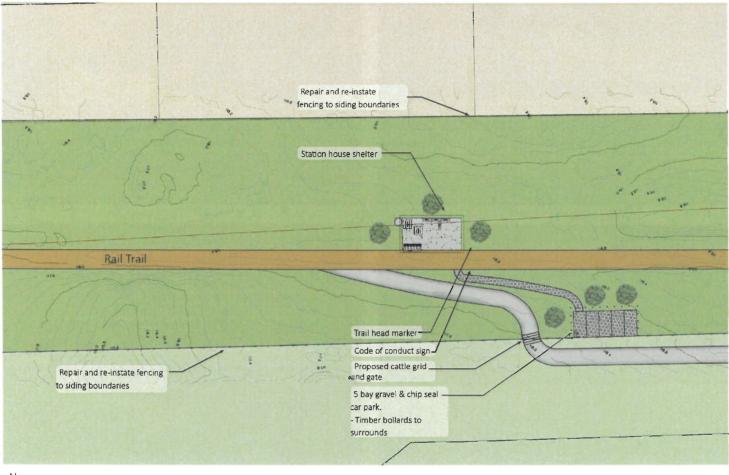




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Mundubbera to Gayndah 32km trail length Trail Heads

Trail Head - Philpott Siding



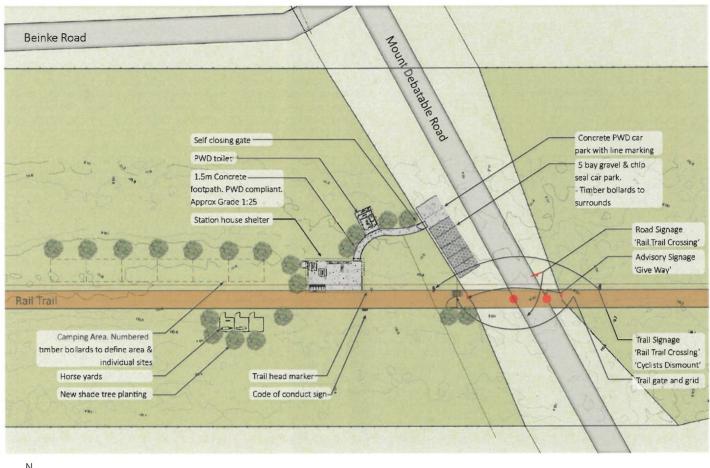
(A1) 1.200 8 8 10 20 Scale 1: 200 at A1



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Mundubbera to Gayndah 32km trail length Trail Heads

Trail Head - Mount Debateable Siding



8 10 (A11 1-200

Scale 1: 200 at A1



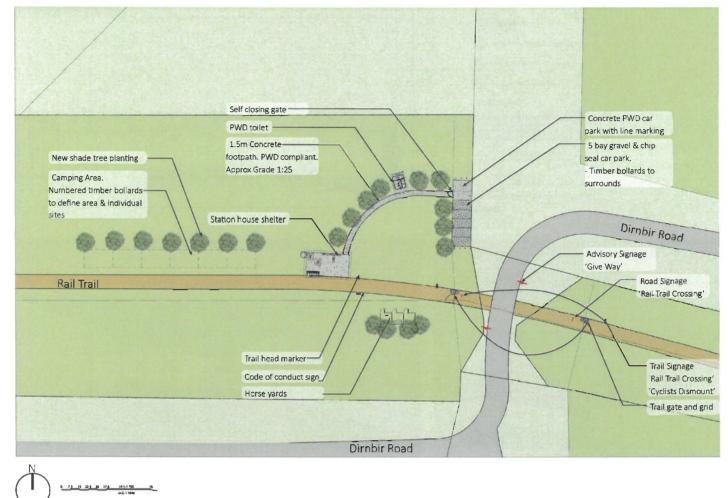




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Mundubbera to Gayndah 32km trail length Trail Heads

Trail Head - Dirnbir Siding



Scale 1: 200 at A1



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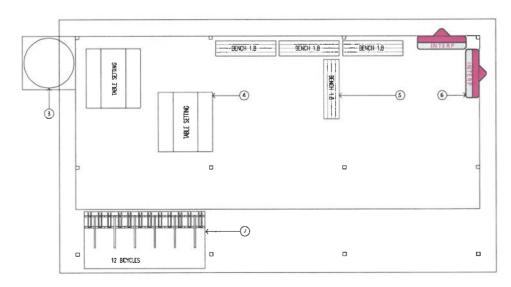
Proposed Trail Infrastructure

Detail - Shelter - Station House Shelter



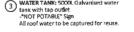






NOTES: (1) FRAME: Lightweight Galvanised SH5 steel Frame. Frame. Framis: White powder cost finish to all exposed framing

2 ROOF: Lightweight Steel Frame 'QR' Red colourbond sheeting



FURNITURE:

4 -2 x Picnic table settings

5 -4 x 1.8 m Trail seats - Refer TD08

6 -2 x Large Interp signs - Refer TDD4

7 -1 x 12 Bicycle Rack

FLOOR PLAN

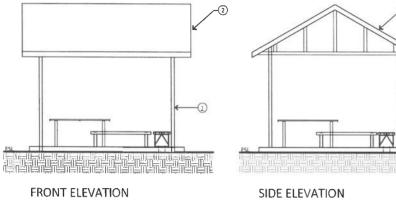


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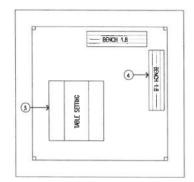
-1

Proposed Trail Infrastructure

Detail - Shelter - Small



FRONT ELEVATION



(A1) 1:50 (A3) 1:100

FLOOR PLAN

1 1.5 2 2.5

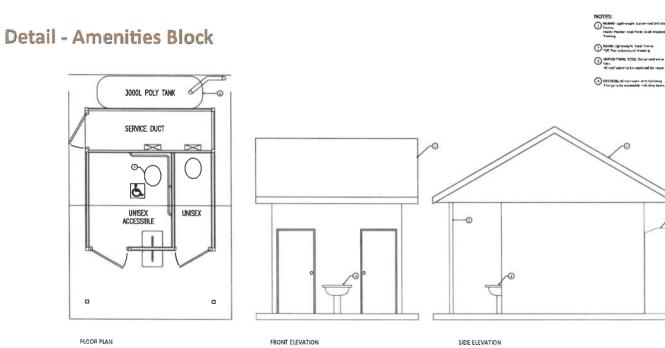
NOTES: FRAME: Lightweight Galvanised SHS steel Frame. Finish: White powder coat finish to all exposed framing

2 ROOF: Lightweight Steel Frame

FURNITURE:

3 -1 x Picnic table settings

4 -2 x 1.8m Trail seats - Refer TD08



FLOOR PLAN

SIDE ELEVATION

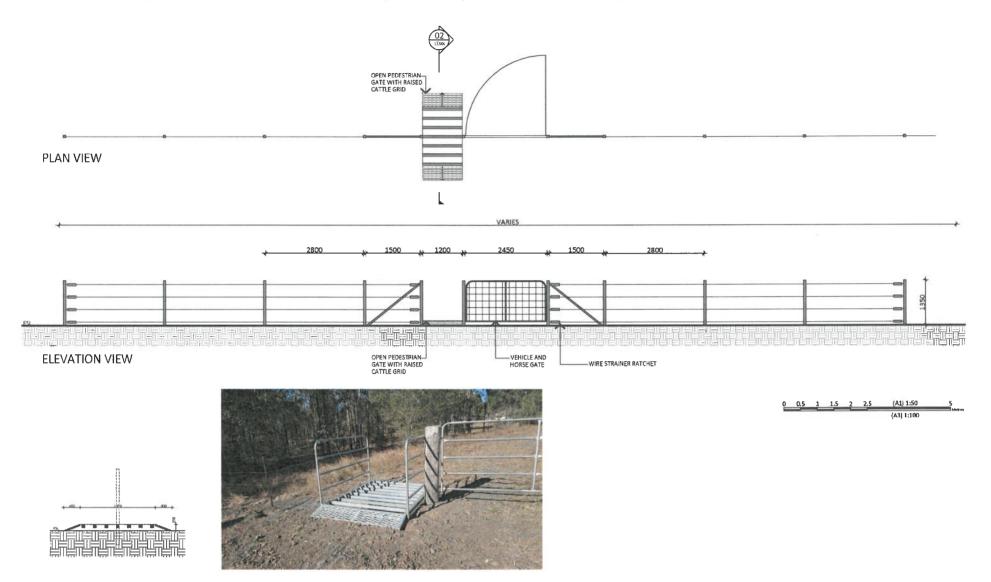


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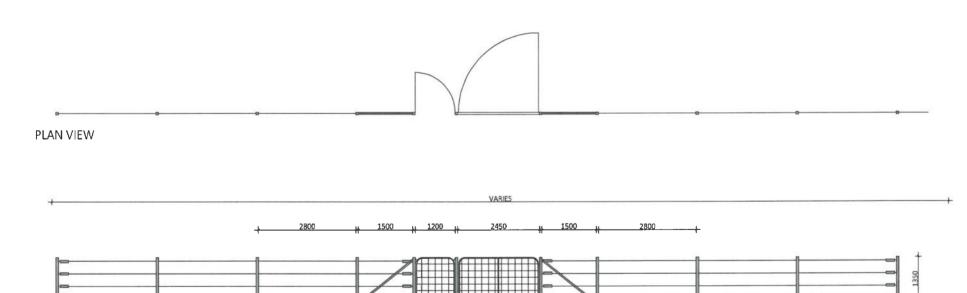
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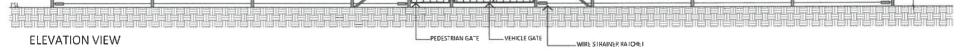
Proposed Trail Infrastructure

Detail - Fencing - Livestock fence with car gate and pedestrian cattle grid



Detail - Fencing - Livestock fence with pedestrian and car gate





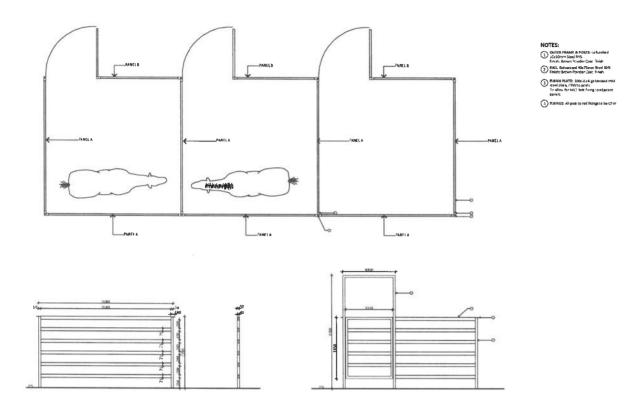


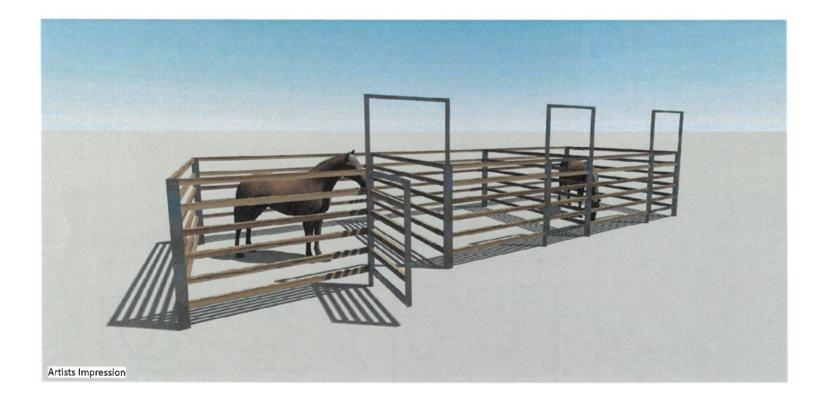


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Boyne Burnett Inland Rail Trail - Project Masterplan Proposed Trail Infrastructure

Detail - Horse Yard

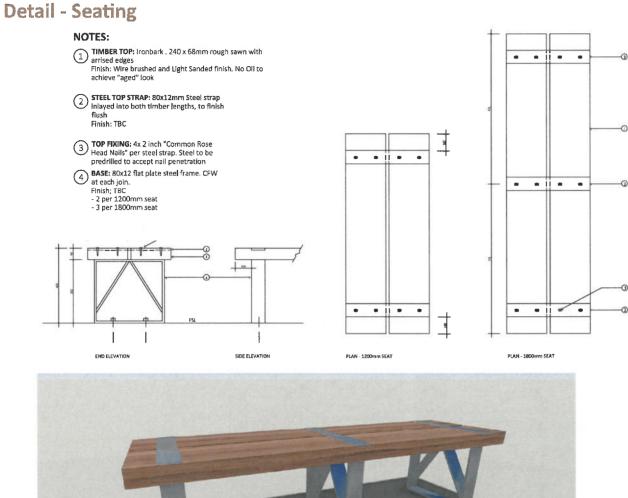






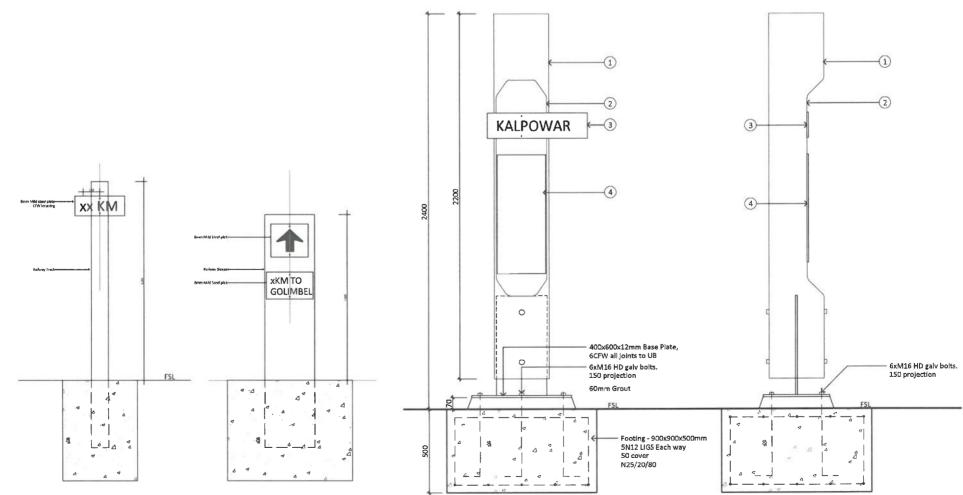
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Proposed Trail Infrastructure





Detail - Signage



300-350

- Fixed to Timber Sleepers with vandal proof screws
- 4 SIGNAGE PLATE: 600x420mm (A2 Paper size) signage panel Artwork and materials TBC

- 3 LOCATION SIGN: One for each town. To both sides of sign. Lettering: 3mm, Laser out, Powder-coated Aluminium plate mounted on the backing plate to sizes shown on details. Colour: TBC Backing Plate: 3mm Galv. Steel Plate to sizes shown on details. Fixed to Timber Sleepers with vandal proof screws SIGNAGE PLATE:

1 **TIMBER POST - ROUND:** Ironbark Bush Pole. 300-350mm diameter fixed to frame with 4 M16 4.6/S Bolts.

Construction (2 top) 2 bottom)
 Finish: Wire brushed and Light Sanded finish. No Oil to achieve "aged" look
 ROUTED 'HOG BACK' STYLE CAVITY:

NOTES:



0.1 0.2 0.3 0.4 0.5 (A1) ±10 (A3) 120

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