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Somerset
REGIONAL COUNCIL

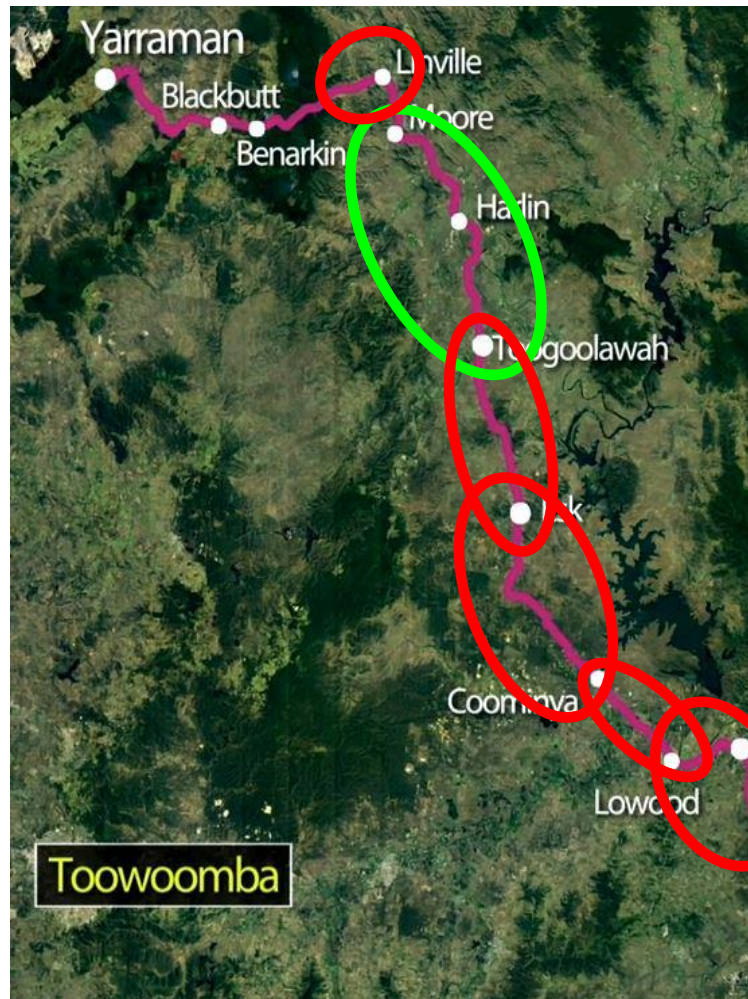
Brisbane Valley Rail Trail (BVRT)

IPWEAQ Excellence Awards 2018

WINNER

Projects \$2 million to \$5 million





Key Statistics - BVRT

- Longest Trail in Australia at 157km. Multi user trail.
- Follows the disused rail corridor
- State Government commenced planning in 2006 to convert to a trail
- Progressively constructed
- Passing through Ipswich, Somerset, South Burnett and Toowoomba Local Governments.



BVRT Asset Ownership

- Asset owned by the State Government.
- Various sections leased to other bodies and likewise managed.
- State Government maintains the bulk of the BVRT and supported by trail ranger.

BVRT Toogoolawah to Moore (T2M)



- The largest section of the trail at 27km long.
- Labelled 'too costly' and 'too difficult',
- Four Major water crossings including Ivory Creek, Jimmy Gully, Emu Creek and Wallaby Creek.
- Fifteen minor stormwater channels
- Eight Road crossings
- Heritage listed Yimbun Tunnel
- 27 landholders directly impacted

BVRT T2M PLANNING

- 2016 - Community Interest was compelling with a petition featuring 1400 signatures to the State Government
- Council approached the State with several interactions
- In 2016/17, the State came forward with \$1.8M
- Council & State Officers investigated the project and \$1.8M – NOT ENOUGH – will only construct creek crossings - \$3.35M required.
- Council completed business case and prepared submission under Federal Government Building Better Regions Fund.

State Funds secured: \$1.8M

Federal Funds Sought: \$1.55M

Council Funds: \$0.1M



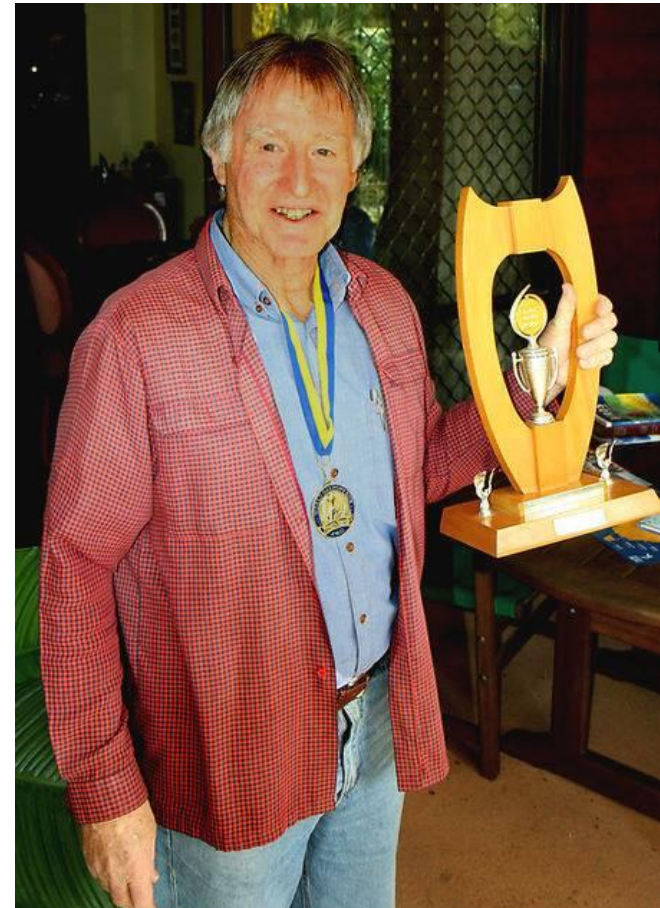
BVRT T2M PLANNING

Overarching Objectives

- Recycle a dormant infrastructure corridor into a multi user world class recreation trail
- Increased visitation to the Region, promoting economic and employment growth
- Deliver health, social and cultural experience.
- Queensland's cycling tourism destination strengthened.

"I first visited Toogoolawah whilst walking the BVRT in 2016 – I loved the area so much that I sold up in Caboolture and now enjoy living in the Toogoolawah region. The BVRT is a joy to explore and it's been life changing for me and my family."

Ron Grant OAM, 75-year old new resident of Toogoolawah, long-distance runner and 1983 Queensland and Australian Sportsman of the Year



BVRT T2M PLANNING

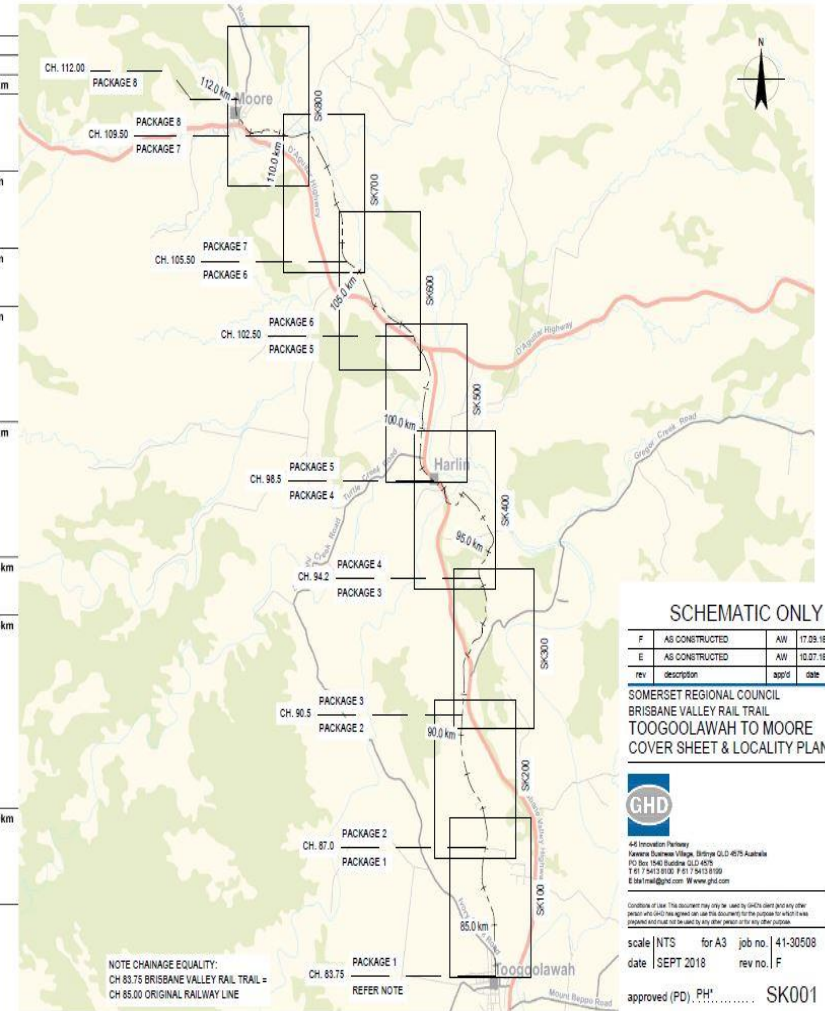
- Feds funding announcement made in September 2017 – must be finished by June 2018.
- No time for detailed design. Works scoped using data extracted from original drawings and site visits. Some areas could not be accessed.
- GHD Engineers appointed - prepare sketch drawings, specification and schedule of rates.
- Access agreements reached with landholders with existing licences
- 3 Work Packages developed
 - Toogoolawah to Harlin – released Oct 2017, awarded Nov 2017
 - Harlin to Moore – released Nov 2017, awarded Dec 2017
 - Jimmy Gully Bridge - released Oct 2017, awarded Nov 2017

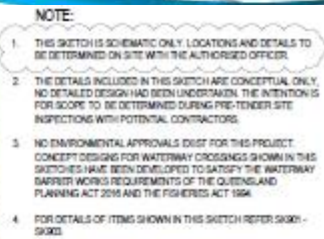
Planning

Final and largest section of the BVRT, 27kms between Toogoolawah and Moore.

Labelled 'too costly' and 'too difficult', it was the longest section to construct and was technically challenging to upgrade.

SKETCH LIST		
SK. NO.	DESCRIPTION	CHAINAGE
SK001	COVER SHEET & LOCALITY PLAN	
SK100	PACKAGE 1 SITE PLAN	CH 83.75km to 87.0km
SK101	SITE 1A	CH 83.85km
SK102	SITE 1B	CH 84.8km
SK102	SITE 1C	CH 85.03km
SK103	SITE 1D	CH 86.85km
SK200	PACKAGE 2 SITE PLAN	CH 87.0km to 90.5km
SK201	SITE 2A	CH 88.34km
SK201	SITE 2B	CH 88.86km
SK202	SITE 2C	CH 90.3km
SK300	PACKAGE 3 SITE PLAN	CH 90.5km to 94.2km
SK301	SITE 3A	CH 91.98km
SK301	SITE 3B	CH 92.41km
SK400	PACKAGE 4 SITE PLAN	CH 94.2km to 98.5km
SK401	SITE 4A	CH 95.7km
SK402	SITE 4B	CH 96.9km
SK402	SITE 4C	CH 97.5km
SK402	SITE 4D	CH 97.82km
SK403	SITE 4E	CH 98.4km
SK500	PACKAGE 5 SITE PLAN	CH 98.5km to 102.5km
SK501	SITE 5A	CH 99km
SK501	SITE 5B	CH 99.4km
SK502	SITE 5C	CH 101.03km
SK503	SITE 5D	CH 101.8km
SK503	SITE 5E	CH 102.06km
SK503	SITE 5F	CH 102.4km
SK600	PACKAGE 6 SITE PLAN	CH 102.5km to 105.5km
SK601	SITE 6A	CH 104.4km
SK602	SITE 6B	CH 105.5km
SK700	PACKAGE 7 SITE PLAN	CH 105.5km to 109.5km
SK701	SITE 7A	CH 105.79km
SK701	SITE 7B	CH 106.05km
SK701	SITE 7C	CH 106.29km
SK702	SITE 7D	CH 106.75km
SK703	SITE 7E	CH 107.07km
SK703	SITE 7F	CH 107.3km
SK703	SITE 7G	CH 108km
SK704	SITE 7H	CH 108.65km
SK705	SITE 7I	CH 109.32km
SK800	PACKAGE 8 SITE PLAN	CH 109.5km to 112.0km
SK801	SITE 8A	CH 109.8km
SK801	SITE 8B	CH 110.23km
SK802	SITE 8C	CH 110.6km
SK803	SITE 8D	CH 111.7km
SK901	SECTION & DETAILS SHEET 1	
SK902	SECTION & DETAILS SHEET 2	
SK903	SECTION & DETAILS SHEET 3	





C	CONSTRUCTION UPDATES	AWW	21.02.18
B	TENDER ISSUE NO. 2	PSH	13.10.17
inv	description	appld	date

SOMERSET REGIONAL COUNCIL
BRISBANE VALLEY RAIL TRAIL
TOOGOO LAWAH TO MOORE
SITE 4B, 4C & 4D



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scale	AS SHOWN for A3	job no.	41-30508
date	FEB 2018	rev no.	C

approved (PD), PH..... SK402



Somerset Regional Council
 Brisbane Valley Rail Trail Upgrade - T2M
 Technical Specifications
 41-30508-CI-SPC-001
 November 2017



Job Location: Between Toogoolawah and Moore

Code	Description	Quantity	Unit	Rate \$	Amount
1	BVH Rail Trail - Works Between Ch 85km (bridge north Toogoolawah) to Cemetery Road Ch87.97km				
1102	Contractor's camp	1.00	\$	\$ 2,032.00	\$ 2,032.00
1254	Erosion and Sediment Control Devices (Non-Itemised) (MRS52 Jan 15)	1.00	lump sum	\$ 1,849.00	\$ 1,849.00
3105	Ground surface treatment, special (grade, water and roll existing trail surface) shape of trail to be free draining	2,970.00	M	\$ 13.00	\$ 38,610.00
3201	Road excavation, all materials	350.00	M3	\$ 28.00	\$ 9,800.00
4153	Subtype 2.3 Unbound pavement, [place and compact new gravel where required on trail surface to 4m in width]	120.00	M3	\$ 129.00	\$ 15,480.00
6182	Remove existing gate and replace with gate 4200mm for plant	1.00	EACH	\$ 1,901.00	\$ 1,901.00
Total for BVH Rail Trail - Works Between Ch 85km (bridge north Toogoolawah) to Cemetery Road Ch87.97km					\$ 69,672.00
2	BVH Rail Trail - Works Between Ch 87.97km Cemetery Road to Harvey Road Ch91.34km				
1102	Contractor's camp	1.00	\$	\$ 2,143.00	\$ 2,143.00
1201	Provision for traffic	1.00	\$	\$ 1,889.00	\$ 1,889.00
1254	Erosion and Sediment Control Devices (Non-Itemised) (MRS52 Jan 15)	1.00	lump sum	\$ 1,993.00	\$ 1,993.00

BVRT T2M PLANNING



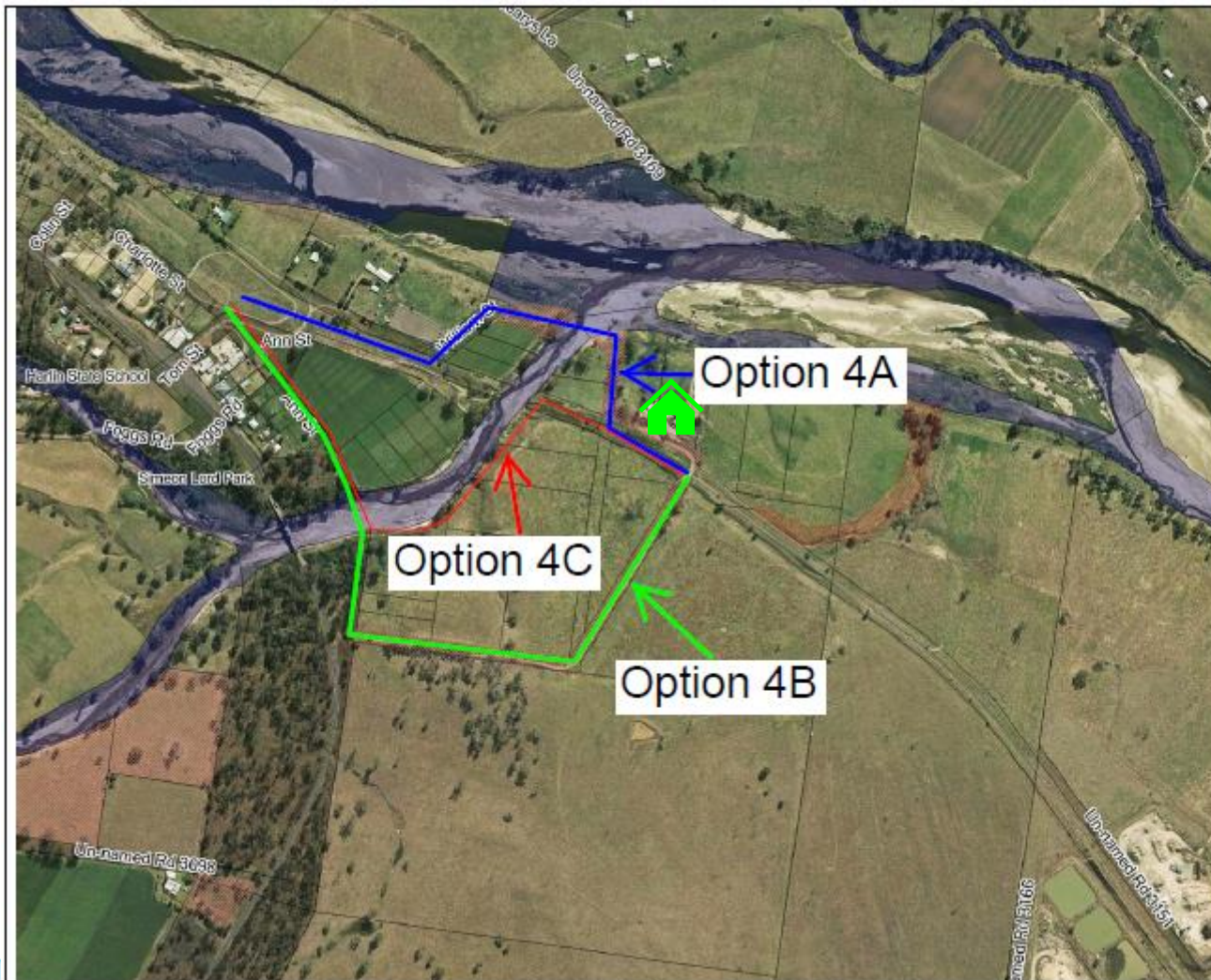
“This final section is the switch that enables the whole rail trail to light up – established businesses are seeing an influx in business due to increased visitors to the region and new businesses are opening. We’ve held many major cycling events since the opening of the trail, attracting new visitors to the region – it’s an exciting time.”

Paul Heymans, President, Brisbane Valley Rail Trail Users Association and local community activist responsible for the Change.org petition

BVRT T2M Stakeholder Engagement

- Community Interest remained strong throughout the project with Councillors, State Government and user groups taken along the journey.
- Bulk of adjoining landholders were receptive to the BVRT with numerous agreements reached as the project was delivered.
- Some landholders resisted the BVRT and the project team worked to build relationships to achieve objectives.
- Bio-security and weed management was a concern to many landholders.

Stakeholder Engagement



Somerset
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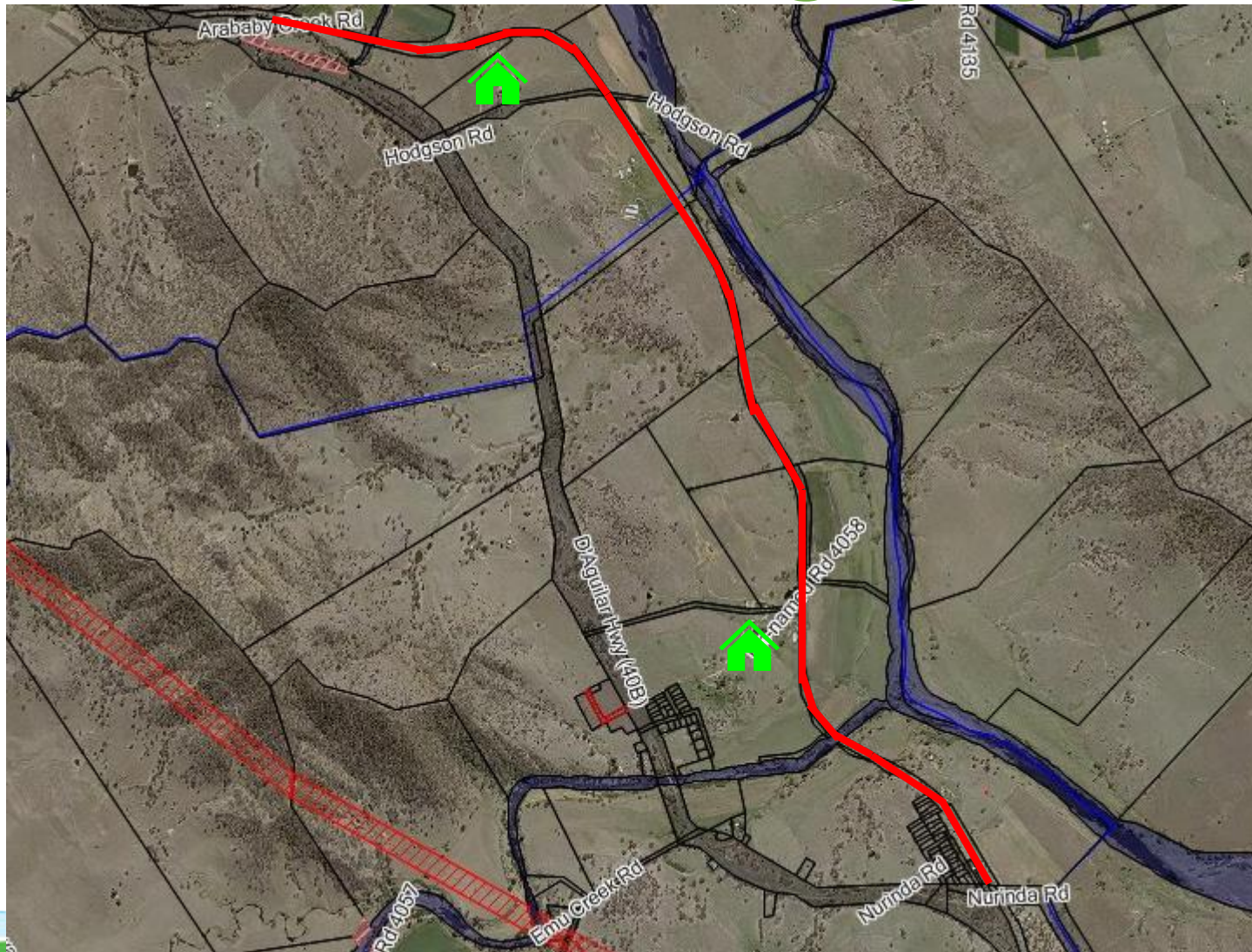
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BVRT Options Ivory Creek

Map Zoom: 1:938 km
1:9,231

Tuesday, 22 November 2016

Stakeholder Engagement



BVRT T2M Project Team

Despite the **technical challenges and extremely tight delivery timeframes**, construction of the BVRT T2M commenced on-site in December 2017. The project was overseen by Council, administered by GHD Pty Ltd and constructed by A&M Civil and Timber Restoration Systems. It was completed **on schedule and within budget in June 2018**.



CLIENTS | PEOPLE | PERFORMANCE





BVRT T2M Disused Trail





Grids & Gates

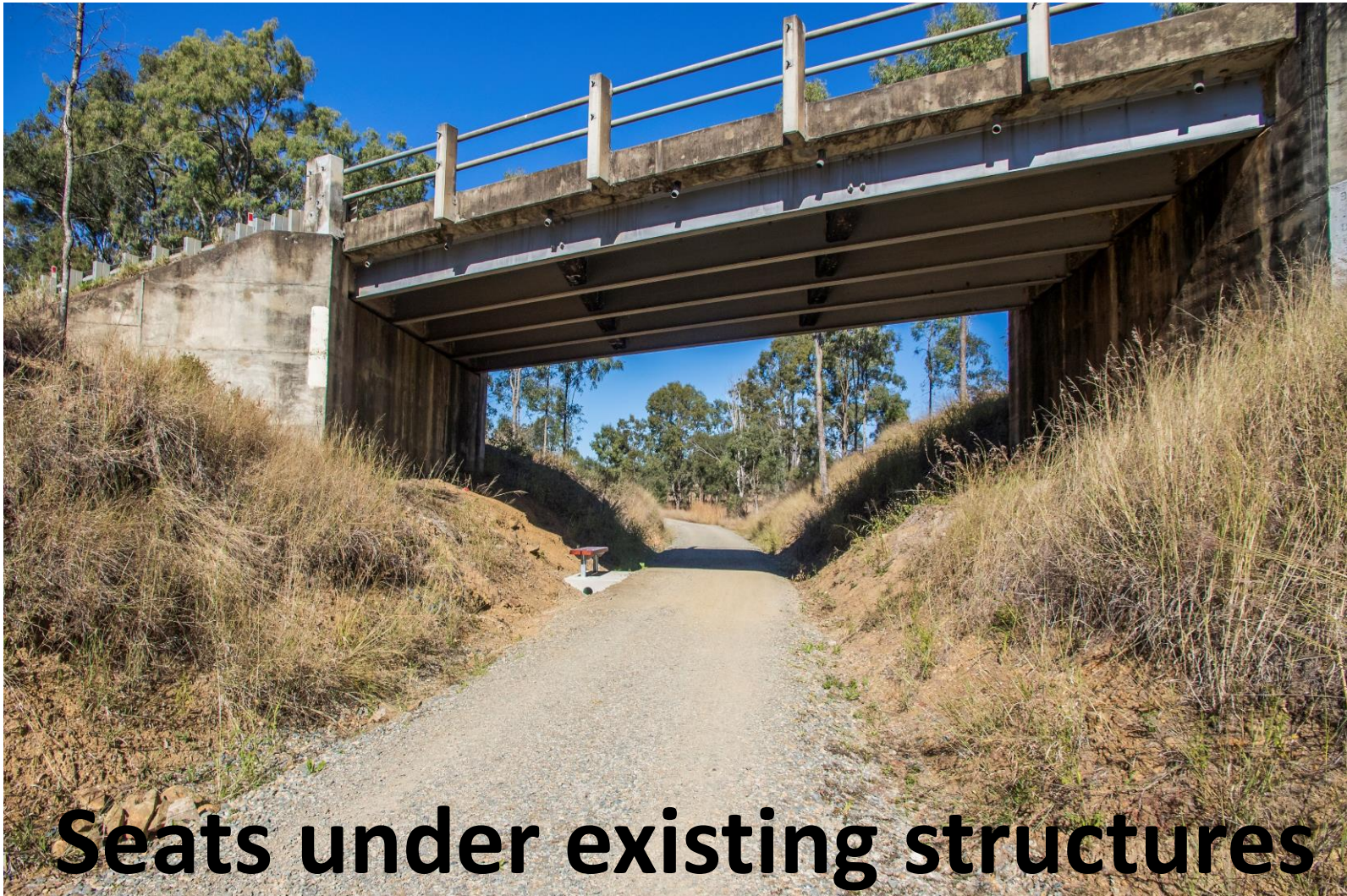


15 minor water channel crossings





Multifunctional Surface



Seats under existing structures



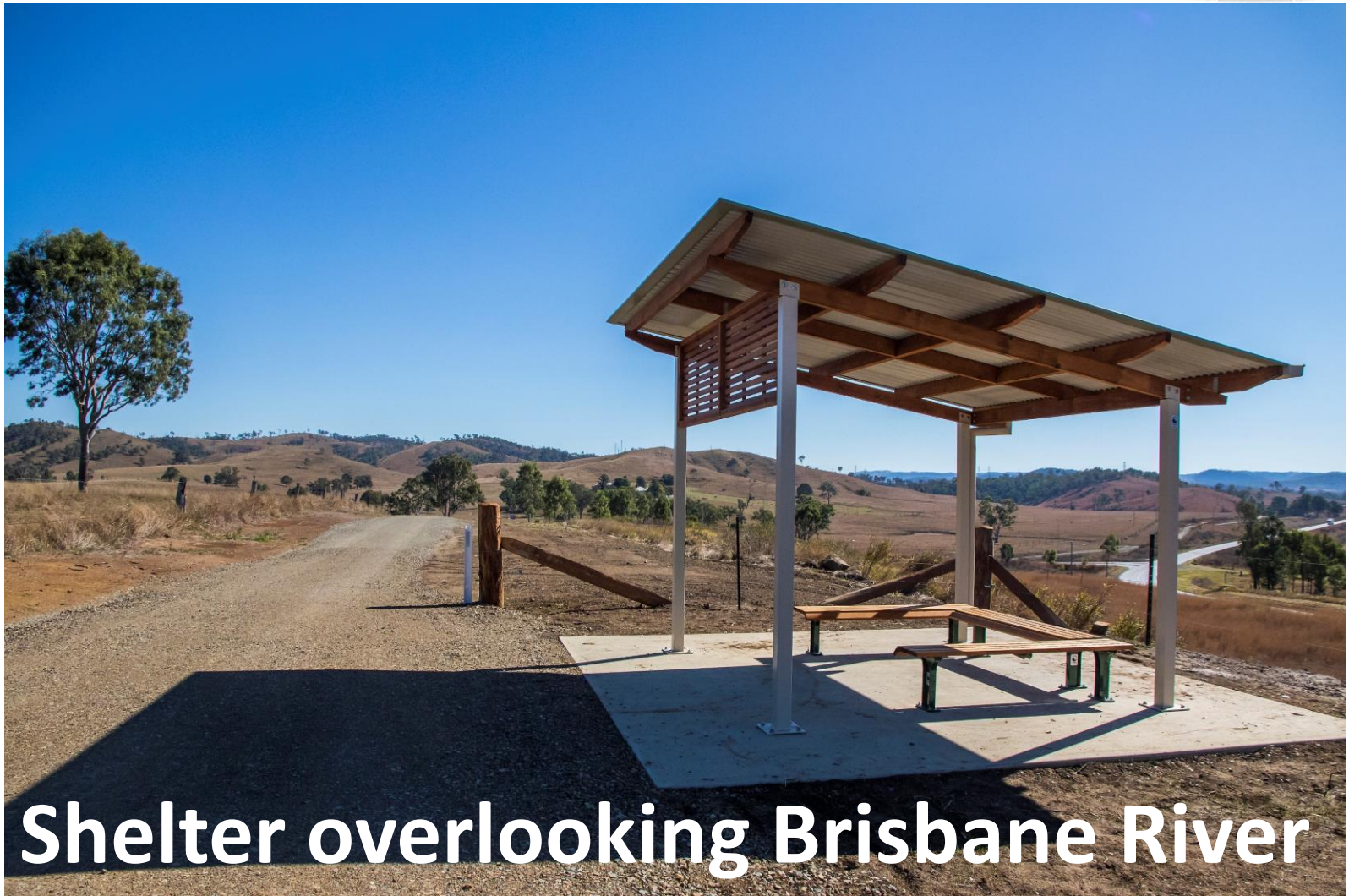
Yimbun Heritage Tunnel



Ivory Creek



Eight Road Crossings



Shelter overlooking Brisbane River

Jimmy Gully Pedestrian Bridge

Project Summary	
Name	Jimmy Gully Pedestrian Bridge
Location	Harlin, Queensland. (-26.960263, 152.353997)
Client	Somerset Regional Council
Construction Period	April to May 2018
Overall Length	27.6m
Trafficable Width	2.5m
Load Rating	5kPa Pedestrian Loading
Design Life	75-100 years





Jimmy Gully Bridge



Rolling Trail





Managing the budget

SPEND EVERY DOLLAR – BUT NOT A DOLLAR MORE!!



Wallaby Creek



Interpretive Signs

Excellence and Innovation

The project presented a number of **management, technical and social challenges** for the project team. Through demonstrated excellence and innovation, the project has successfully been delivered, receiving extensive praise from the local community, BVRT users and political stakeholders.



“When Somerset Council decided to do it, they went ahead and did it and did it brilliantly.”

Paul Heymans, President, Brisbane Valley Rail Trail Users Association and local community activist responsible for the Change.org petition

Community and Economic

- The BVRT is an effective recreational and tourism drawcard to SEQ
- Provides an abundance of local history, spectacular diverse landscapes and significant heritage aspects
- Council forecasts an increase in direct tourism expenditure within the region to increase by \$1.5 million per annum, overtime increasing to \$2.2 million per annum and supporting 58 jobs.
- We are observing the participation rate in off-road cycling inclining with an increase in events on the trail. Council has seen a 40% growth in usage in the first 6 months of 2019.
- The Queensland Government has pledged to contribute ongoing maintenance dollars towards the trail.

“Families and youth are a strong focus for our cycling business and we first started visiting the BVRT in 2016. We decided to relocate our business from Brisbane to the Somerset region in 2016 and really enjoy engaging with passionate locals and look forward to rolling out the next stage of Out There Cycling to national and international tourists. We promote the diversity of the BVRT as a safe trail for all users and look forward to seeing the trail grow in the near future.”

Josie Sheehan, owner of Out There Cycling, based in the Somerset region.



The Final Wrap

“The team from TMR is very impressed with Council’s work. I understand the difficulties in working within the parameters that you had in completing the project – achieving works expected by stakeholders and adjoining land owners in a tight monetary budget is not easy by any measure. TMR officers agreed that Council not only achieved but exceeded everyone’s expectations with the finished product.”

Craig England, Manager (Rail Corridor Management), Development Projects – QLD Department of Transport and Main Roads