

10.6 FOOTPATH MISSING LINK PROGRAM UPDATE 2021

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File No: *GV/10/033*

Attachments:

1. *Priority Footpath Missing Link Projects*
2. *Footpath Missing Links - Township Maps*
3. *4 Year Preliminary Footpath Missing Link Delivery Strategy (Top 26 Projects)*

1. Purpose

1.1 To present the Footpath Missing Links Program Update 2021 for Council adoption.

2. Background

2.1 At its meeting 21 March 2016, Council adopted a list of shire wide footpath missing link priorities for capital works project funding and advocacy.

2.2 Over the following years, Council increased its financial commitment through the annual capital works program towards the delivery of new footpath infrastructure. Since this time, and inclusive of those projects currently identified in the draft 2021/2022 budget, most of the priority footpath links have now been delivered or are scheduled for delivery.

2.3 The Footpath Missing Link Program - Update 2021 re-evaluates the remaining footpath missing links across the Shire to identify high priority missing link projects to help inform future capital project planning and project advocacy.

3. Key Matters

3.1 The Footpath Missing Link Program - Update 2021 has identified 38 priority footpath projects that should be considered to be candidate projects for future Capital Works Program budgets. (Attachment 1 and 2).

3.2 Out of the 38 priority projects, the top 26 projects are identified as "High Priority" projects which have a recommended delivery timeframe of 1-4 years. Projects 27-38 have a recommended delivery timeframe of 5-10 years.

3.3 A delivery strategy to construct the top 26 Missing Link Footpath Projects over the next 4 years is shown in Attachment 3 to this report.

3.4 The next review of the Missing Link Footpath Program and the list of candidate projects for future funding consideration is proposed to be scheduled in 2024.

FOOTPATH MISSING LINK PROGRAM UPDATE 2021 (CONT.)

Recommendation

THAT Council adopt the 4 Year Preliminary Footpath Missing Link Delivery Strategy included as Attachment 3 to this report to guide future capital works programs.

FOOTPATH MISSING LINK PROGRAM UPDATE 2021 (CONT.)

4. Financial, Resource and Asset Management Implications

- 4.1 Across the Shire, up to 120.1 kilometres of footpath missing links have been identified with an estimated value of approximately \$48 million.
- 4.2 The table below outlines the total length and high-level estimate of construction costs for the delivery of all missing link footpaths in each major township throughout the Shire.

Township	Total length (m)	Total Cost (\$)
Beveridge	9,108	\$3,643,200
Broadford	12,943	\$5,177,200
Kilmore/ Kilmore East	20,884	\$8,353,600
Pyalong	11,139	\$4,455,600
Seymour	9,168	\$3,667,200
Tallarook	3,454	\$1,381,600
Tooborac	1,655	\$662,000
Wallan	42,249	\$16,899,600
Wandong/ Heathcote Junction	8,588	\$3,435,200
Waterford Park	923	\$369,200
TOTAL	120,111	\$48,044,400

- 4.3 A unit rate of \$400 per lineal meter of has been applied across most projects to develop these high-level costs estimates. In some instances, where projects are expected to more complex, for example where bridge structures are required, unit rates as high as \$1300 per lineal meter have been applied. This unit rate accounts for footpath construction in brownfield areas and is inclusive of construction costs, design and planning, project management, utility service alterations and other ancillary items.
- 4.4 With the current level of annual funding (approx. \$900,000), it is estimated to take more than 50 years to deliver all missing link footpaths across the shire.
- 4.5 Based on footpath prioritisation criteria (explained in detail in the Discussion section), a list of 38 Shire wide priority footpath projects have been identified and are recommended for consideration in future capital works planning. Indicative costing and project descriptions can be found in Attachment 1. Township maps detailing the location of the priority footpaths are shown in Attachment 2.
- 4.6 Out of the 38 priority projects, the top 26 projects are identified as “High Priority” projects which have a recommended delivery timeframe of 1-4 years. Projects 27-38 have a recommended delivery timeframe of 5-10 years.
- 4.7 A preliminary delivery strategy to construct the top 26 Missing Link Footpath Projects over the next 4 years is shown in Attachment 3.

FOOTPATH MISSING LINK PROGRAM UPDATE 2021 (CONT.)

- 4.8 In order to deliver the top 26 Missing Link Projects over the next 4 years, an annual average Capital works funding allocation of approximately \$1.26 million is required (\$5.04 million over 4 years).
- 4.9 At present the current draft 4-year Capital Works Program has \$4.35 million allocated to new footpath infrastructure.
- 4.10 In order to deliver all 38 priority projects over the next 4 years, an annual average Capital works funding allocation of approximately \$1.66 million is required (\$6.65 million over 4 years).

5. Consultation

- 5.1 Whilst no formal consultation has been conducted, the program has been well informed by community conversations and requests for footpath infrastructure that are received and investigated by Council, as well as ongoing monitoring of pedestrian movements throughout our townships.

6. Sustainability Implications (Social and Environmental)

- 6.1 The ongoing establishment of a more connected footpath network will encourage our community to adopt more sustainable travel behaviour and promote health and wellbeing.
- 6.2 Providing footpaths where they currently do not exist will also help reduce dependence on the use of private motor vehicles for shorter trips around our townships.

7. Policy and Legislative Implications

- 7.1 There are no policy or legislative implications associated with this report.

8. Alignment to Council Plan

- 8.1 Improving pedestrian connectivity throughout the Shire (Action 4.3.4) has been identified as a key action in the Council Plan 2017-21.
- 8.2 The number of kilometres of footpath missing links delivered is a key measure to assess how Mitchell Shire Council continues to deliver on this commitment.
- 8.3 The proposed 4-year program includes delivery of approximately 10 kilometres of missing footpath links across the Shire.

9. Conflict of Interest

- 9.1 No officers involved in the preparation of this report have any direct or indirect interest in this matter.

FOOTPATH MISSING LINK PROGRAM UPDATE 2021 (CONT.)

10. Risk Implications

Risk	Risk Ranking	Proposed Treatments	Within Existing Resources?
The priority footpath missing link projects may not meet the expectation of some stakeholders	Low/medium	Provide clear communication to the stakeholders regarding the criteria used for the prioritisation of footpath projects.	Yes

11. Discussion

11.1 Footpath infrastructure is basic, yet essential infrastructure in any developed community. Footpaths ensure our community remains connected to essential community facilities such as schools, hospitals, medical centres, aged care facilities, public transport and shops as well as strategic pedestrian routes to and from town centres. A connected footpath network also ensures that our most vulnerable members of the community including children and those with limited mobility have access to essential services.

11.2 This report outlines the highest priority footpaths that will ensure the communities living within our developing townships remain connected to essential community infrastructure.

Identification of missing links

11.3 On a local residential road, the minimum level of service for footpath infrastructure is considered to be met if a footpath exists on at least one side of the road.

11.4 On higher order roads (arterial roads, collector and link roads), it is more desirable to provide paths on both sides of the road to reduce the requirement for pedestrians to cross these types of roads.

11.5 In areas where there is high pedestrian demand, it is more desirable to provide paths on both sides of the road.

Footpath Prioritisation

11.6 Due to the competing demands on Council's budget, the provision of footpaths needs to be prioritised to maximise the benefit to the wider community.

11.7 The following criteria was used to prioritise the missing footpath links:

- Access and proximity to primary/ secondary schools

FOOTPATH MISSING LINK PROGRAM UPDATE 2021 (CONT.)

- Access and proximity to retail centres, medical and community facilities
- Access to public transport
- Connection to new and emerging or severed communities
- Strategic importance – key pedestrian corridors

11.8 Roads that have no footpaths are typically prioritised over roads that have footpaths.

11.9 Based on the above footpath prioritisation criteria, a list of 38 priority projects have been identified. Detailed information related to the projects can be found in Attachment 1 and 2.

Delivery Strategy

- In developing the preliminary delivery strategy officers considered the following:
 - Project ranking - Higher ranked projects generally prioritised to be delivered earlier.
 - Delivery efficiencies - If two high priority projects are near each other they will be delivered together. This will bring delivery efficiencies and enhance connectivity in the local area.
 - Adjacent projects – Where other capital works projects or development projects are likely to induce pedestrian demand. The projects will be brought forward to be delivered in conjunction with those projects.
 - Funding availability – The availability of funding in any year may determine the projects that are recommended for delivery in any given financial year.
 - External funding opportunities – Projects that meet the relevant criteria for external grant fund funding may be elevated in priority for delivery.

11.10 It is acknowledged that the landscape of our towns is evolving continuously, and it may be necessary to review the list of priority footpaths as circumstances evolve or where there is a significant change in pedestrian movement patterns or demands.

11.11 A preliminary delivery strategy to construct the top 26 missing link footpath projects over the next 4 years is shown in Attachment 3.

FOOTPATH MISSING LINK PROGRAM UPDATE 2021 (CONT.)

- 11.12 Prior to the development of the annual capital works program, a review of individual project costings will be carried out to ensure a greater degree of budget estimate accuracy.

Attachment 1 – Priority Footpath Missing Links

Priority	Project	Township	Length	Total Cost	Project Description
1	Northern Highway	Wallan	1200	\$ 480,000	Footpath connection between Springridge Estate and Wallan township
2	Conway Street/ Rutledge Street	Kilmore	220	\$ 90,000	Completing the missing link along Conway Street and Rutledge Street.
3	Mia Mia Road	Broadford	613	\$ 490,400	Shared path from Short Street to Derek Drive.
4	Kilmore Creek	Kilmore	1600	\$ 5,000,000	Path along Kilmore Creek from Northern Hwy to Hudson Park
5	Queen Street	Wallan	223	\$ 90,000	Footpath connection between Dudley Street and linear open reserve
6	Main Road	Tallarook	240	\$ 96,000	Footpath Connection between Lodge Street and connecting footpath to Rail Trail
7	Wandong Avenue	Wandong	210	\$ 84,000	Footpath connection between Affleck Street and Dry Creek Crescent
8	Dry Creek Crescent	Wandong	295	\$ 118,000	Footpath connection on both sides of Dry Creek Crescent between Rail Street and Wandong Avenue
9	High Street - Sutherland Street - Bourke Street link	Pyalong	720	\$ 288,000	Footpath connection from the town centre to the Primary School
10	Powlett Street	Kilmore	894	\$ 357,600	Completing the missing footpath links between Tootle Street and Rutledge Street
11	Allen Street and Sutherland Street	Kilmore	600	\$ 240,000	Completing the key Walk to school route on Allen Street and Sutherland Street
12	High Street and William Street	Wallan	505	\$ 202,000	Completing the missing links on William Street and High Street
13	Darraweit Road	Wallan	243	\$ 97,200	Footpath connecting new residential developments along Darraweit Road with broader pedestrian network

Attachment 1 – Priority Footpath Missing Links

14	Wedding Drive	Wallan	656	\$ 260,000	Footpath connection between Windham Street and Queen Street
15	Lithgow Street	Beveridge	400	\$ 170,000	Footpath Link between the bus interchange and the community centre
16	Sanctuary Road	Tallarook	410	\$ 164,000	Footpath Connection to the Train Station
17	Hume and Hovell Road	Seymour	175	\$ 70,000	Connecting residential development off Lightwood Avenue with the broader pedestrian network
18	Northern Highway	Tooborac	300	\$ 120,000	Footpath connection between Middle Springs Road and Primary school (east side)
19	Windham Street	Wallan	500	\$ 200,000	Footpath connection between King Street and Queen Street
20	King Street	Wallan	374	\$ 149,600	Completing the missing links between Wellington Street and linear open reserve
21	Murchison Street, Gavan Street and Hamilton Street	Broadford	495	\$ 198,000	Improve footpath connectivity around the commercial precinct
22	Gipps Street	Kilmore	235	\$ 188,000	Complete the missing link between Victoria Parade and East Street
23	Tallarook Street	Seymour	85	\$ 34,000	Footpath connection from Tallarook Street to the commercial precinct
24	Teamsters Cct to Jordan Court	Kilmore	40	\$ 16,000	Footpath connecting Jordan Court and Teamsters Cct through the ROW
25	Edward Street	Seymour	55	\$ 22,000	Footpath connection to the commercial precinct
26	High Street	Seymour	380	\$ 500,000	Footpath connection across the Whiteheads Creek
27	Church Street	Kilmore	304	\$ 121,600	Completing the missing footpath link between Union and Bourke Street
28	Victoria Parade	Kilmore	543	\$ 217,200	Complete the missing footpath links on Union Street and Foote Street

Attachment 1 – Priority Footpath Missing Links

29	Kulin Drive	Kilmore	175	\$ 70,000	Complete the missing footpath link along with the Kulin Dr extension project
30	Kilmore Lancefield Road	Kilmore	550	\$ 220,000	Complete the missing footpath link in conjunction with John Street extension project
31	Tootle Street	Kilmore	401	\$ 160,400	Complete the missing footpath links on Tootle Street
32	Pinniger Street	Broadford	301	\$ 120,400	Completing the missing links Piper Street and High Street
33	Piper Street	Broadford	105	\$ 42,000	Improve the Footpath connectivity around the school
34	High Street	Broadford	254	\$ 101,600	Complete footpath connections between Short Street and Last Street Improve East - West pedestrian connectivity through township
35	Hamilton Street to Chloe Drive	Broadford	515	\$ 206,000	Construction of footpath across Sunday Creek to Chloe Drive
36	Pinniger Street	Broadford	262	\$ 104,800	Construction of the missing footpath link between Ferguson Street and Davidson Street
37	Ferguson Street	Broadford	225	\$ 90,000	Key footpath connection to new residential subdivision
38	Callen Street	Seymour	384	\$ 153,600	Improved pedestrian connections around the Seymour Memorial District Hospital



Missing Link Footpaths - Beveridge

1. Lithgow Street (400m) - Footpath link between the bus interchange and the community centre
(Shire wide ranking - #15)

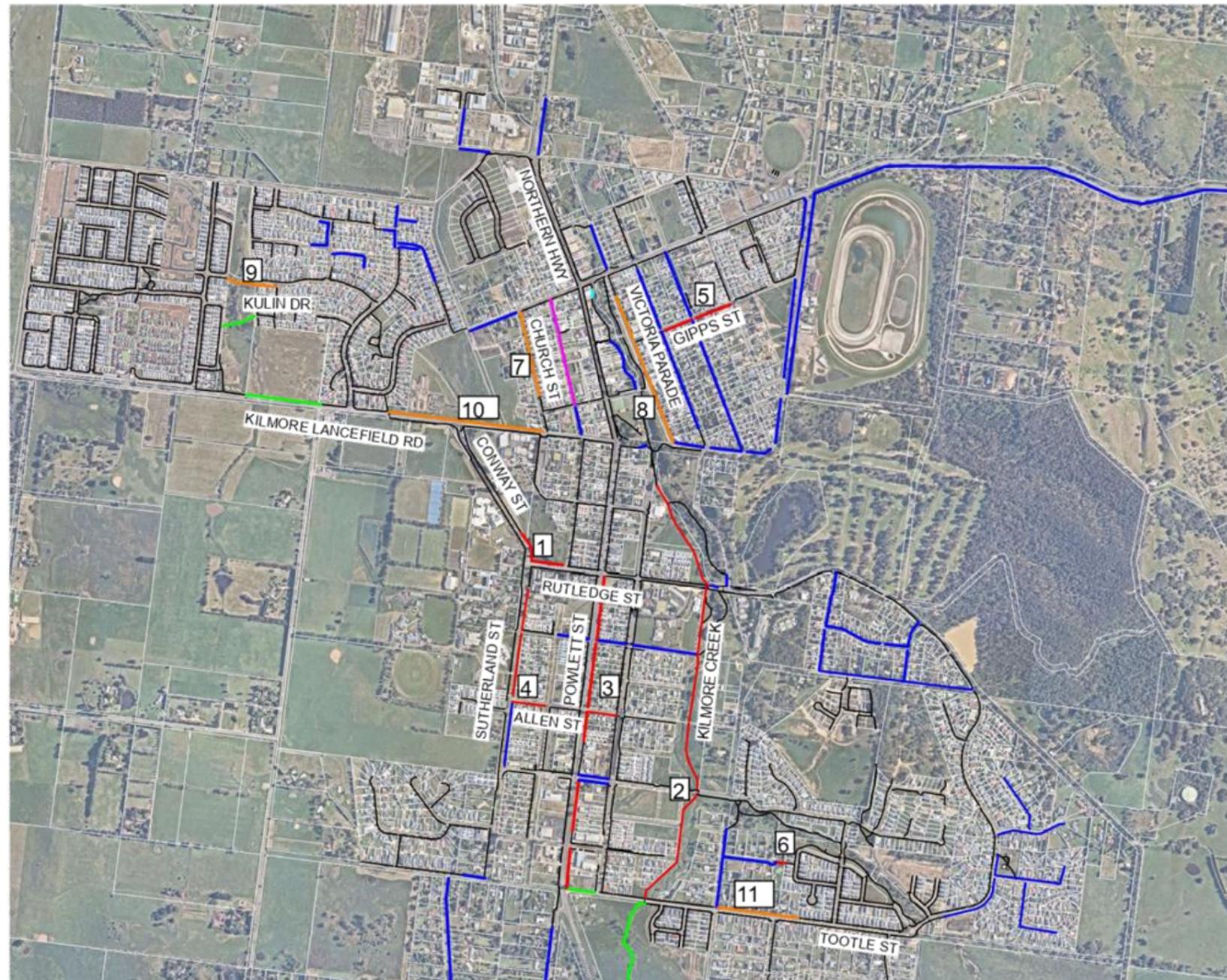
MISSING LINK FOOTPATHS	
HIGH PRIORITY PATHS (1-4 YEAR)	
DEVELOPER / STATE FUNDED	
EXISTING FOOTPATHS	



Missing Link Footpaths - Broadford

- 1. Mia Mia Road (1000m) - Shared path from Short Street to Derek Drive (Shire wide ranking: #3)
- 2. Murchison Street and Hamilton Street (285m) (Shire wide ranking: #21)
- 3. Pinniger Street (301m) - Completing the missing links between Piper Street and High Street (Shire wide ranking: #32)
- 4. Piper Street (105m) - Completing the missing link on Piper Street between Pinniger Street and Hamilton Street (Shire wide ranking: #33)
- 5. High Street (254m) - Completing footpath connections between Short Street and Last Street to improve East - West pedestrian connectivity through the township (Shire wide ranking: #34)
- 6. Hamilton Street to Chloe Drive (515m) - Construction of a footpath across Sunday Creek to Chloe Drive (Shire wide ranking: #35)
- 7. Pinniger Street (262m) - Construction of the missing footpath link between Ferguson and Davidson Street (Shire wide ranking: #36)
- 8. Ferguson Street (225m) - Key footpath connection to new residential subdivision (Shire wide ranking: #37)

MISSING LINK FOOTPATHS	
HIGH PRIORITY PATHS (1-4 YEAR)	
PRIORITY PATHS (5-10 YEAR)	
EXISTING FOOTPATHS	
FY21 CAPITAL PRGM	



Missing Link Footpaths - Kilmore

- 1. Conway Street/ Rutledge Street (220m) - Completing the missing link along Conway Street and Rutledge Street. school precinct (Shire wide ranking: #2)
- 2. Kilmore Creek (1600m) - Footpath link along Kilmore Creek from Northern Hwy to Hudsons Park (Shire wide ranking: #4)
- 3. Powlett Street (894m) - Completing the missing links between Tootle Street and Rutledge Street (Shire wide ranking: #10)
- 4. Allen Street and Sutherland Street (600m) - Key walk to school route (Shire wide ranking: #11)
- 5. Gipps Street (235m) - Complete the missing link between Victoria Parade and East Street (Shire wide ranking: #22)
- 6. ROW between Teamsters Cct and Jordan Court (40m) - Connection to the new residential development (Shire wide ranking: #24)
- 7. Church Street (304m) - Completing the missing footpath link between Union and Bourke Street (Shire wide ranking: #27)
- 8. Victoria Parade (543m) - Completing the missing footpath links between Union Street and Foote Street (Shire wide ranking: #28)
- 9. Kulin Drive (175m) - Complete the missing footpath link in conjunction with Kulin Drive extension (Shire wide ranking: #29)
- 10. Kilmore Lancefield Road (550m) - Complete the missing link between Willowmavin Estate and Church (Shire wide ranking: #30)
- 11. Tootle Street (401m) - Complete the missing footpath links on Tootle Street (Shire wide ranking: #31)

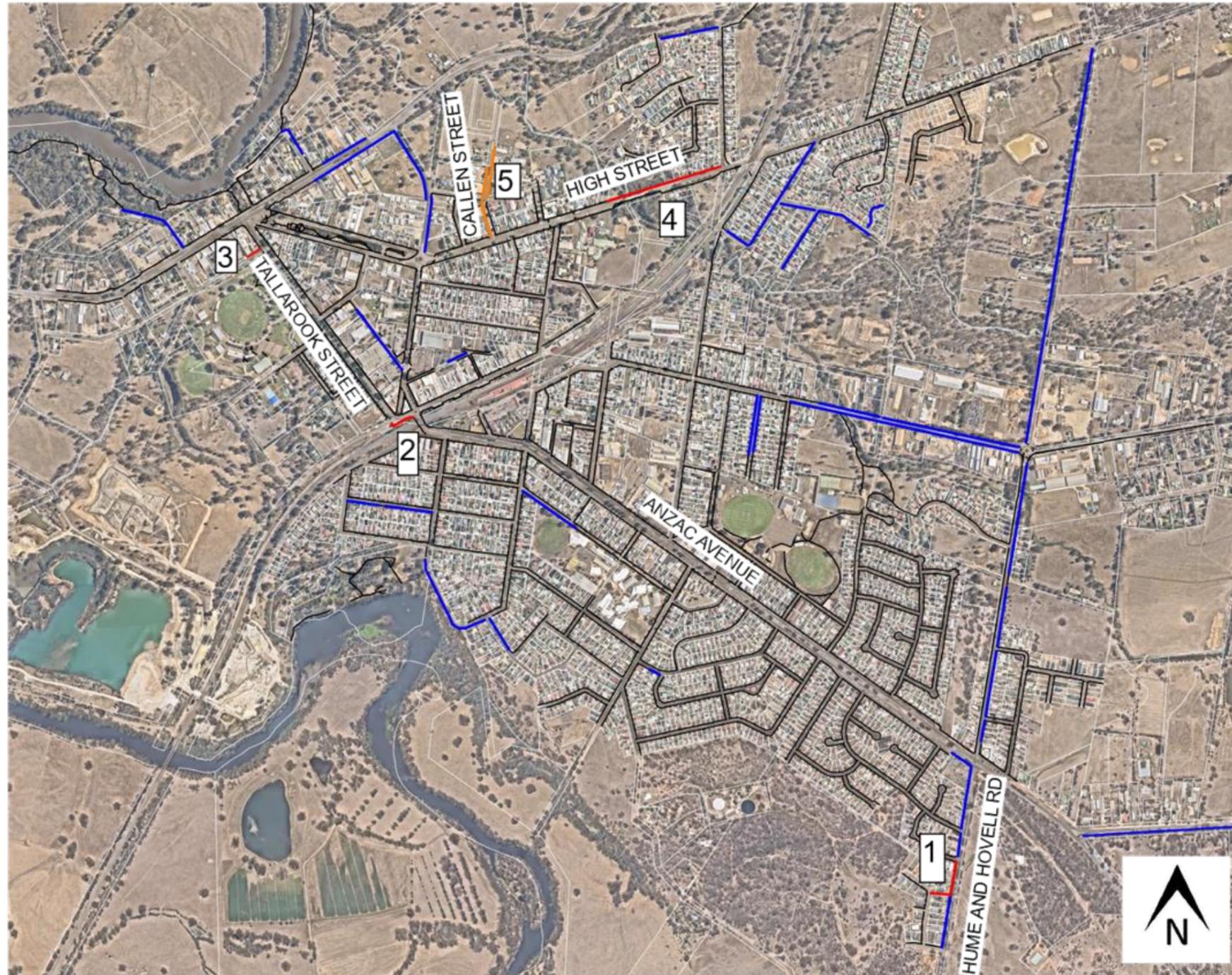
MISSING LINK FOOTPATHS	
HIGH PRIORITY PATHS (1-4 YEAR)	
PRIORITY PATHS (5-10 YEAR)	
EXISTING FOOTPATHS	
DEVELOPER / STATE FUNDED	
FY21 CAPITAL PRGM	



Missing Link Footpaths - Pyalong

1. High Street (520m) - Footpath connection within the Pyalong towncentre (Shire wide ranking: #9)

MISSING LINK FOOTPATHS	
HIGH PRIORITY PATHS (1-4 YEAR)	
EXISTING FOOTPATHS	



Missing Link Footpaths - Seymour

- 1. Hume and Hovell Road (175m) - Connecting residential development off Lightwood Avnue with the broader pedestrian network (Shire wide ranking: #17)
- 2. Tallarook Street (85m) - Footpath connection from Tallarook Street to the Station (Shire wide ranking: #23)
- 3. Edward Street (55m) - Footpath connection to the commercial precinct (Shire wide ranking: #25)
- 4. High Street (380m) - Footpath connection accross Whiteheads Creek (Shire wide ranking: #26)
- 5. Callen Street (384m) - Improved footpath connections around the Seymour Memorial District Hospital (Shire wide ranking: #38)

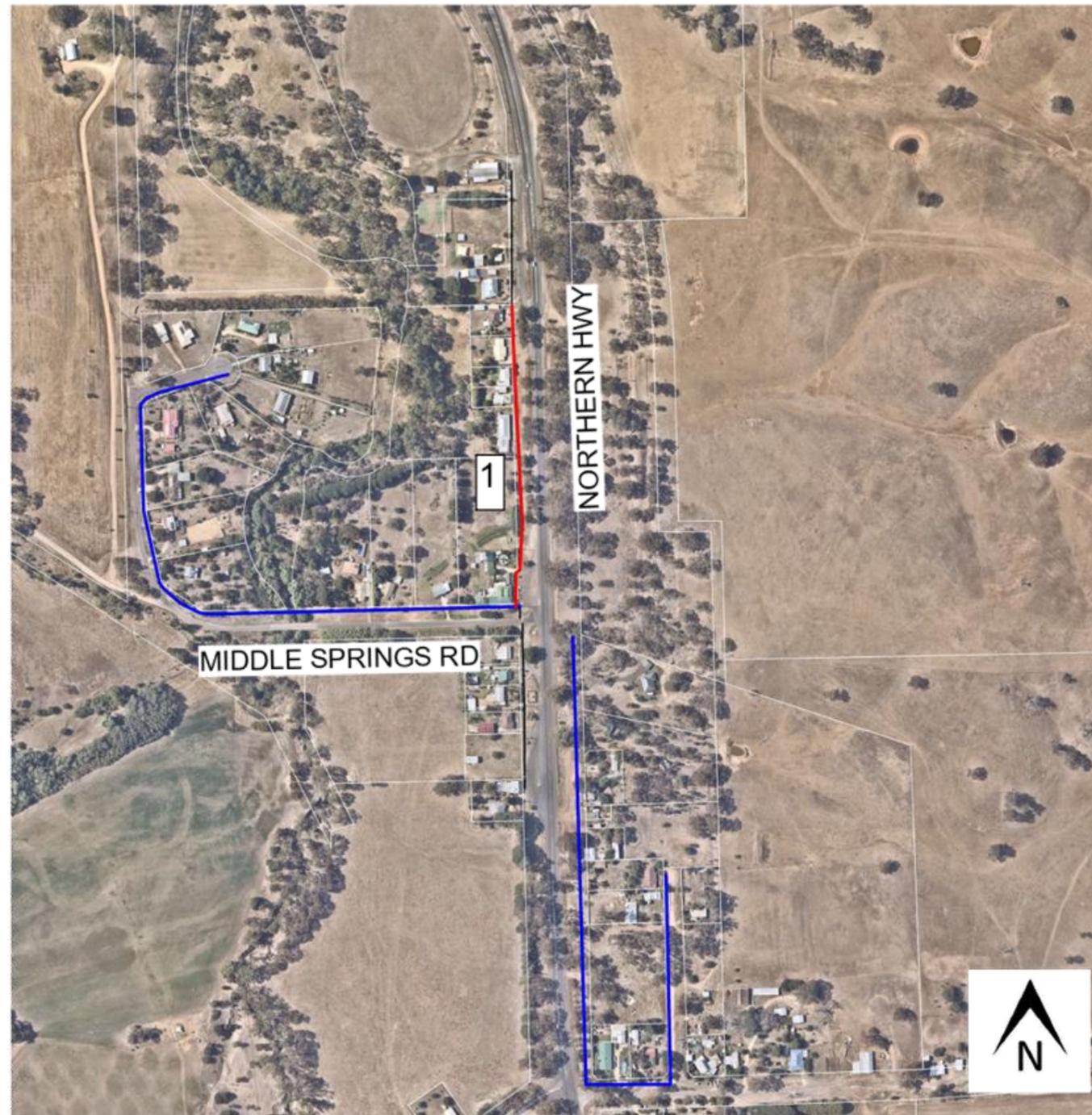
MISSING LINK FOOTPATHS	
HIGH PRIORITY PATHS (1-4 YEAR)	
PRIORITY PATHS (5-10 YEAR)	
EXISTING FOOTPATHS	



Missing Link Footpaths - Tallarook

- 1. Main Road (239m) - Footpath connection between Lodge Street and Rail Trail (Shire wide ranking: #6)
- 2. Sanctuary Road (410m) - Footpath connection to the Station (Shire wide ranking: #16)

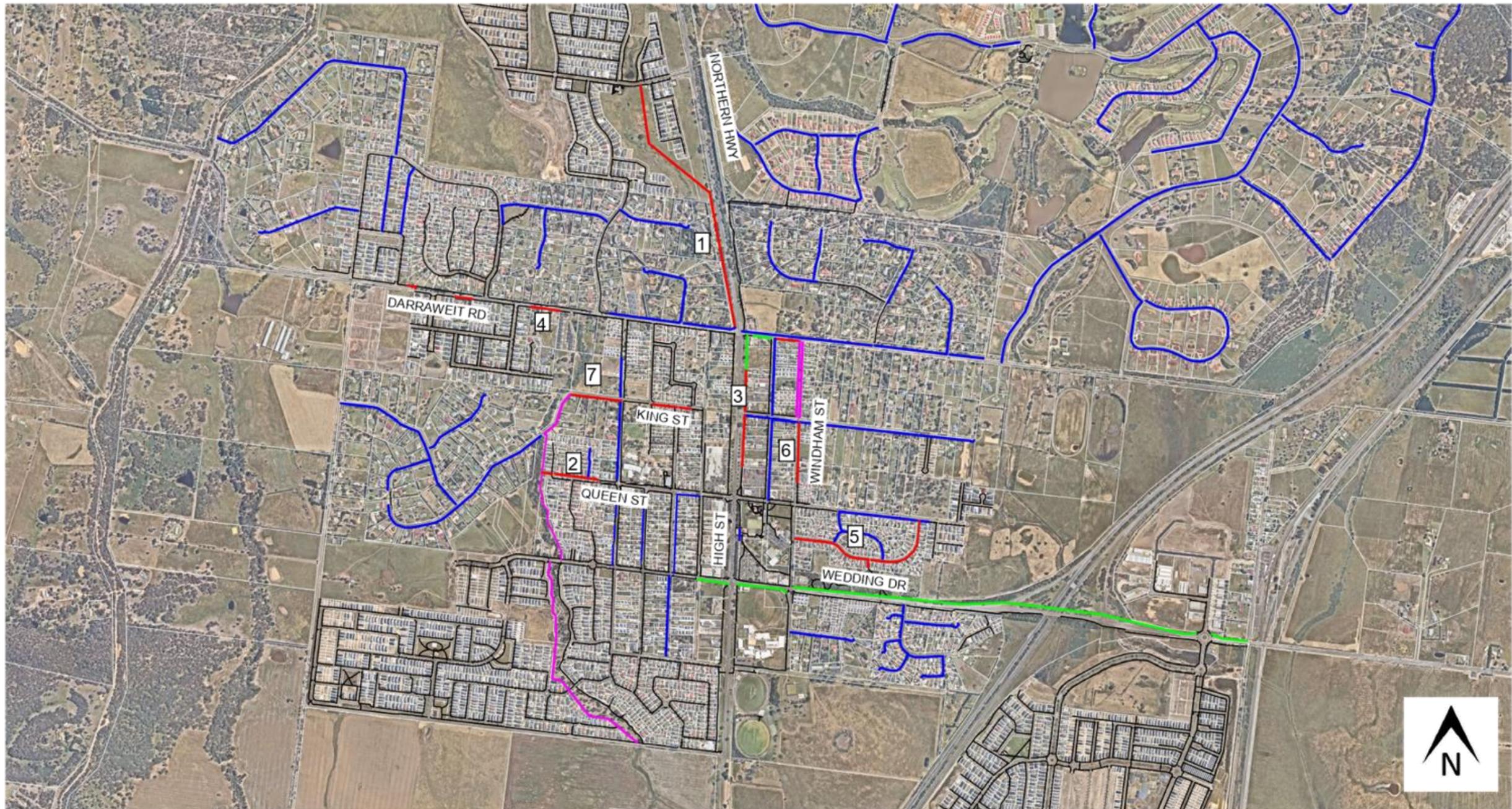
MISSING LINK FOOTPATHS	
HIGH PRIORITY PATHS (1-4 YEAR)	
EXISTING FOOTPATHS	



Missing Link Footpaths - Tooborac

**1. Northern Hwy (300m) - Footpath connection between Middle Springs Road and Primary School
(Shire wide ranking: #18)**

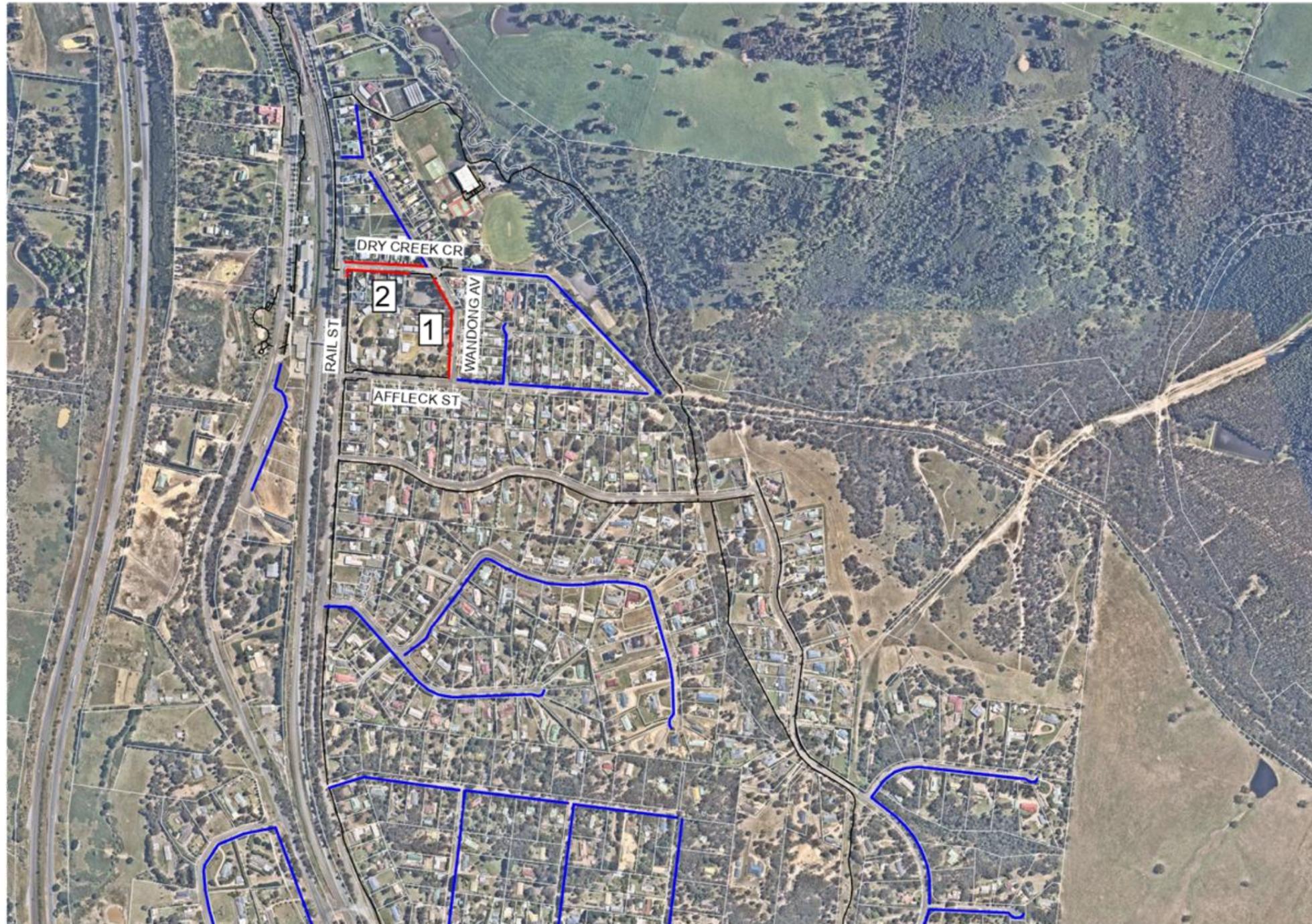
MISSING LINK FOOTPATHS	
HIGH PRIORITY PATHS (1-4 YEAR)	
EXISTING FOOTPATHS	



Missing Link Footpaths - Wallan

- 1. Northern Hwy (1200m) - Footpath connection between Springridge Estate and Wallan township (Shire wide ranking: #1)
- 2. Queen Street (223m) - Footpath connection between Dudley Street and Linear open reserve (Shire wide ranking: #5)
- 3. High Street and William Street (505m) - Completing the footpath missing link between Windham Street and Bentinck Street (Shire wide ranking: #12)
- 4. Darraweit Road (243m) - Completing the missing links along the Darraweit Road to connect new residential developments with the broader pedestrian network.(Shire wide ranking: #13)
- 5. Wedding Drive (656m) - Footpath connection between Windham Street and Queen Street connecting local residents with with the bus service to Wallan Station (Shire wide ranking: #14)
- 6. Windham Street (259m) - Footpath connection between King Street and Queen Street (Shire wide ranking: #19)
- 7. King Street (154m) - Footpath connection between Wellington Street and Dudley Street (Shire wide ranking: #20)

MISSING LINK FOOTPATHS	
HIGH PRIORITY PATHS (1-4 YEAR)	
EXISTING FOOTPATHS	
DEVELOPER / STATE FUNDED	
FY21 CAPITAL PRGM	



Missing Link Footpaths - Wandong/ Heathcote Junction

- 1. Wandong Avenue (210m) - Footpath connection between Affleck Street and Dry Crescent (Shire wide ranking: #7)
- 2. Dry Creek Crescent (295m) - Footpath connection on both sides of Dry Creek Crescent between Rail Street and Wandong Avenue (Shire wide ranking: #8)

MISSING LINK FOOTPATHS	
HIGH PRIORITY PATHS (1-4 YEAR)	
EXISTING FOOTPATHS	



Missing Link Footpaths - Waterford Park

MISSING LINK FOOTPATHS 

Attachment 3: 4 Year – Preliminary Footpath Missing Link Delivery Strategy

Priority	Project	Township	Length	Total Cost	Year 1 (FY22/23)	Year 2 (FY23/24)	Year 3 (FY24/25)	Year 4 (FY25/26)	Delivery Strategy
1	Northern Highway	Wallan	1200	\$480,000		\$50,000		\$430,000	- Undertake design in Year 2 and construction in Year 4
2	Conway Street/ Rutledge Street	Kilmore	220	\$90,000	\$90,000				- Design and construct in Year 1
3	Mia Mia Road	Broadford	613	\$490,400	\$60,000	\$430,400			- Design in Year 1 - Construct in Year 2
4	Kilmore Creek	Kilmore	1600	\$5,000,000	\$200,000	\$200,000			- Design and approvals planned for Year 1 and 2. Delivery timing to be determined after Year 2.
5	Queen Street	Wallan	223	\$90,000	\$90,000				- Design and construct in Year 1
6	Main Road	Tallarook	240	\$96,000			\$96,000		- Design and construct in Year 3
7	Wandong Avenue	Wandong	210	\$84,000		\$84,000			- Design already completed for the Wandong Avenue Path - Construction in Year 2
8	Dry Creek Crescent	Wandong	295	\$118,000		\$118,000			- Design and construct in Year 2 - Efficiencies can be gained by delivering Dry Creek Crescent path and Wandong Avenue path at the same time
9	High Street - Sutherland Street - Bourke Street link	Pyalong	720	\$288,000			\$288,000		- Design and construct in Year 3
10	Powlett Street	Kilmore	894	\$357,600			\$357,600		- Design and construct in Year 3
11	Allen Street and Sutherland Street	Kilmore	600	\$240,000			\$240,000		- Design and construct in Year 3

Attachment 3: 4 Year – Preliminary Footpath Missing Link Delivery Strategy

12	High Street and William Street	Wallan	505	\$202,000			\$202,000		- Design and construct in Year 3
13	Darraweit Road	Wallan	243	\$97,200		\$97,200			- Design and construct in Year 2
14	Wedding Drive	Wallan	656	\$260,000	\$260,000				- Design and construct in Year 1
15	Lithgow Street	Beveridge	400	\$170,000	\$170,000				- Design and construct in Year 1
16	Sanctuary Road	Tallarook	410	\$164,000				\$164,000	- Design and construct in Year 4
17	Hume and Hovell Road	Seymour	175	\$70,000		\$70,000			- Design and construct in Year 2
18	Northern Highway	Tooborac	300	\$120,000				\$120,000	- Design and construct in Year 4
19	Windham Street	Wallan	500	\$200,000	\$200,000				- Design and construct in Year 1
20	King Street	Wallan	374	\$149,600					- Design and construct in Year 1, Project could be delivered from the savings from Taylors Creek path.
21	Murchison Street, Gavan Street and Hamilton Street	Broadford	495	\$198,000		\$198,000			- Design and construct in Year 2
22	Gipps Street	Kilmore	235	\$250,000	\$50,000		\$200,000		- Design in Year 1 and construct in Year 3
23	Tallarook Street	Seymour	85	\$34,000		\$34,000			- Design and construct in Year 2
24	Teamsters Cct to Jordan Court	Kilmore	40	\$16,000	\$16,000				- Design and construct in Year 1
25	Edward Street	Seymour	55	\$ 22,000				\$22,000	- Design and construct in Year 4
26	High Street	Seymour	380	\$500,000				\$500,000	- Design and construct in Year 4
				TOTAL	\$1,136,000	\$1,281,600	\$1,383,600	\$1,236,000	

