

## SWBMX Facility - Traffic Solution on Majors Road

Originating Officer	Project Manager Strategic Projects - Carla Zub
Corporate Manager	Manager City Activation - Greg Salmon
General Manager	General Manager City Development - Ilia Houridis
Report Reference	GC191210F01

### Confidential



### Reason For Passing This Resolution

**Local Government Act (SA) 1999 S 90 (2) 3(b) (i) and (ii)** : information the disclosure of which (i) could reasonably be expected to confer a commercial advantage on a person with whom the council is conducting, or proposing to conduct, business, or to prejudice the commercial position of the council; and (ii) would, on balance, be contrary to the public interest.

### Confidential Motion

*That pursuant to Section 90(2) 3(b) (i) and (ii) of the Local Government Act 1999, the Council orders that all persons present, with the exception of the following persons: Adrian Skull, Ilia Houridis, Tony Lines, Sorana Dinmore, Kate McKenzie, Greg Salmon, Carla Zub, Craig Clarke and Jaimie Thwaites, be excluded from the meeting as the Council receives and considers information relating to the report SWBMX Facility - Traffic Solution, upon the basis that the Council is satisfied that the requirement for the meeting to be conducted in a place open to the public has been outweighed by the need to keep consideration of the matter confidential relating to matters pertaining to commercial operations of a confidential nature, the disclosure of which could reasonably be expected to prejudice the commercial position of the person who supplied the information and could reasonably be expected to confer a commercial advantage on a person with whom the council is conducting, or proposing to conduct, business, or prejudice the commercial position of the council.*

### REPORT OBJECTIVE

The objective of this report is to present to Council the outcome of the traffic management study to provide access to the Sam Willoughby BMX Facility from Majors Road, O'Halloran Hill; and to seek authorisation for the project to progress to detailed design and delivery including the intersection works on Majors Road.

### EXECUTIVE SUMMARY

Following the Council's additional funding commitment and the State Government's election commitment to explore the access ramps from Majors Road to the Southern Expressway, Administration has worked with the Department for Planning, Transport and Infrastructure (DPTI) to resolve the impact of future traffic modifications on Majors Road and site access to the Sam Willoughby BMX (SWBMX) Facility.

Studies undertaken by both Council and DPTI has concluded that the SWBMX project is able to proceed. Future modifications to Majors Road to enable the duplication or on/off ramps to the Southern Expressway can be achieved without encroaching on or critically restricting the SWBMX site.



A safe and cost effective access solution supported by DPTI has been developed from Majors Road to the site utilising the existing Southern Expressway duplication project site office entry.

This report details the outcome of the studies and provides Council with consideration of how to proceed with the delivery of the SWBMX project.

## **RECOMMENDATION**

**That Council:**

- 1. Note the outcome of the traffic management solution to provide access from Majors Road, O'Halloran Hill to the Sam Willoughby BMX Facility.**
- 2. Note the outcome of the Department for Planning, Transport and Infrastructure's traffic study and the proposed location of the northern bound access ramp to the Southern Expressway relative to the SWBMX Facility.**
- 3. Authorises for Administration to progress the Sam Willoughby BMX Facility to detailed design with the project scope to include delivery of the traffic management solution, subject to consideration of a Prudential Review in accordance with Section 48 of the Local Government Act 1999.**
- 4. Authorises Administration to continue to seek a funding contribution from the State Government towards the traffic solution.**
- 5. In accordance with Section 91(7) and (9) of the Local Government Act 1999 the Council orders that this report and attachments, having been considered in confidence under Section 90(2) and (3)(b and d) of the Act, except when required to effect or comply with Council's resolution(s) regarding this matter, be kept confidential and not available for public inspection for a period of 12 months from the date of this meeting. This confidentiality order will be reviewed at the General Council Meeting in December 2020.**

## **GENERAL ANALYSIS**

### **BACKGROUND**

At the General Council meeting on 29 January 2019, Council resolved that:

1. Authorise Administration to progress Option 1 to detailed design for the Sam Willoughby BMX track and commit an additional funding of \$1,000,000 from Council's Asset Sustainability Reserve during 2019-20 for the project's delivery, subject to the State Government addressing the traffic management solution for Majors Road.
2. Confers with the State Government concerning their traffic management solution, including the potential northbound ramp access to the Southern Expressway, prior to proceeding with detailed design work for the BMX track.

Since January 2019, Administration has been working with the Department for Planning, Transport and Infrastructure (DPTI) to resolve the traffic management solution for access to the BMX facility from Majors Road. This has included DPTI engaging engineers, WSP, to fulfil its election commitment of investigating on/ off ramps to the Southern Expressway.

### **DISCUSSION**

#### **SWBMX Access Solution**

To enable Council to resolve a traffic solution with the State Government, Administration engaged traffic engineers MFY to develop a viable solution. MFY's analysis included investigating a number of options such as the Adams Road intersection; former Southern Expressway duplication site office entry and an entrance via the pistol club.



Following the detailed assessment, the preferred solution is to utilise the former Southern Expressway duplication site office entrance. This option can be achieved without considerable cost to the project as only minor intersection works are required to formalise the site entrance, relocate signals and a light pole; and modify the line markings on Majors Road (refer to Attachment One - SWBMX Facility Access Solution).

DPTI has provided in principle support for this solution with the Emergency Services to provide endorsement. It is anticipated that it will be granted as there will be no adverse impact to their existing station located directly opposite to the SWBMX site. The other options were discounted due to the extent of intersection works, site limitations, safety concerns and associated costs.

As this proposed access point is for the exclusive use of the project it is customary and reasonable that the project bear the cost of these works as opposed to earlier proposed options that would have resulted in considerable and costly improvements to the Adams Road, Majors Road intersection.

The cost estimate to deliver the preferred traffic access solution is approximately \$360,000 GST exclusive and can be delivered as part of the scope for the SWBMX project. Administration is, however, discussing with DEW a potential funding contribution towards the works as it could utilise the access point as a safer option to their existing O'Halloran Hill trail bike car park, noting the existing entrance from Majors Road is not approved by DPTI. Due to the unknown time frame or available funding from DEW, it is recommended that the project continues to progress to detail design regardless of the negotiations, as the cost of the preferred access solution can likely be accommodated within the existing budget.

Separately, the State Government has been exploring the potential for on/off ramps to the Southern Expressway and duplication of Majors Road including any potential adverse impacts that these works might have to the SWBMX Facility. DPTI's study concluded that the BMX facility and Council's Southern Depot will not be impacted by the proposed traffic modifications. Northern bound access to the Expressway will be created at the Majors and Adams Roads intersection through an interchange and ring road round around the BMX facility (refer to Attachment Two – Interchange Design). Administration is not aware of the State Government's future funding arrangements or time frame for the delivery of these works as a result of this study.

With the traffic management solution resolved and supported by DPTI, the project can now progress to detailed design with the next step being Council's consideration of the Section 48 Prudential Review in the new year.

### **Project Budget**

The budget for the delivery of SWBMX facility is \$5.8 million:

- \$3.3 million from the State Government;
- \$1.75 million from the City of Marion;
- \$0.75 million from the City of Onkaparinga.

A recent cost estimate for the delivery of the SWBMX facility including the intersection works from Majors Road is \$5,974,000 GST exclusive. Whilst this is 2.99% over the project budget, through detailed design this budget overrun can be managed and enables the project to proceed to call for tenders for construction to test the market conditions.

### **Delivery Model for SWBMX and Southern Soccer**

Council is seeking to deliver the SWBMX and Southern Soccer facilities in similar time frames, there are opportunities for both projects to be designed and constructed under one contract. As both projects require considerable civil works to address the reactive soils and connections to site infrastructure services, one contractor could be engaged to works across both sites at the same time. This could potentially reduce preliminaries whilst providing economies of scale resulting in better value for Council.

Under this delivery model, the total budget across the two projects will be \$12.8 million GST exclusive, potentially attracting more experienced civil contractors and building companies.

## CONCLUSION

The resolution of the traffic management solutions for site access and the access ramps to the Southern Expressway enables the SWBMX project to proceed to Section 48 Prudential Review and detailed design.

The time frames for the delivery of the both SWBMX facility and Southern Soccer presents Council with an opportunity to deliver both projects through one construction contract with potential cost and quality benefits to Council.

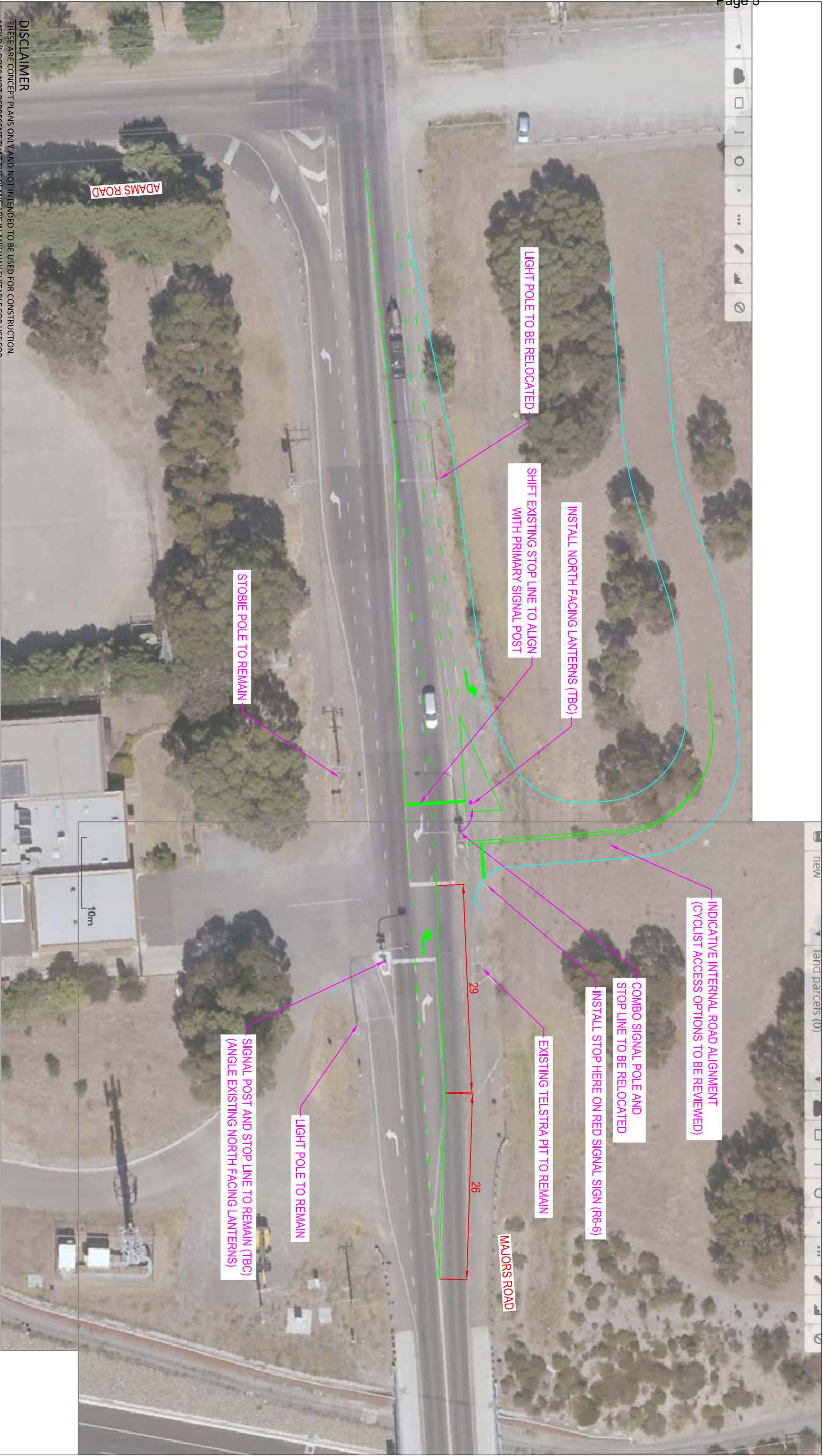
**Current Budget Allocation**      Total Project Budget is \$5.8 million with the City of Marion providing a capital contribution of \$1.75 million

**Other Funding Sources:**      The State Government and City of Onkaparinga are providing contributions of \$3.3 million and \$750,000 respectively.

## Attachment

#	Attachment	Type
1	SWBMX Facility - Traffic Solution	PDF File
2	DPTI Proposed South Expressway Ramps - Majors Road	PDF File





DISCLAIMER

THESE ARE CONCEPT PLANS ONLY AND NOT INTENDED TO BE USED FOR CONSTRUCTION.  
MFY P/L DOES NOT REPRESENT THAT THE PLANS ARE IN ANY WAY SUITABLE FOR USE FOR CONSTRUCTION PURPOSES AND DOES NOT GIVE CONSENT TO THEIR USE FOR CONSTRUCTION PURPOSES.  
ANY PARTY USING THE PLANS FOR CONSTRUCTION DOES SO AT THE PARTY'S OWN RISK AND WITHOUT THE CONSENT OF MFY P/L

Proposed BMX Facility  
Majors Road O'Halloran Hill  
Adjust Emergency Signal - For Discussion

Drawing:	MFY_190040_04_SK01	Project Number:	19-0040	Revision:	B
Project Name:	BMX Facility Majors Road O'halloran Hill	Drawn:	BH	Scale:	1:500
Client:	City of Marion	Date:	11.10.19	Paper Size:	A3

FOR DISCUSSION PURPOSES ONLY



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No.		AMENDMENT DESCRIPTION	BY	DATE



**Government of South Australia**  
Department of Planning,  
Transport and Infrastructure

MAJORS ROAD / SOUTHERN EXPRESSWAY					INTERCHANGE DESIGN 1C NORTH FACING	
DESIGNED WSP	DRAFTED WSP	CHECKED WSP	PATCHES No	SKETCH No. SK0013	AMEND No.:	
ALL DIMENSIONS ARE IN METRES UNLESS SHOWN OTHERWISE			100 MILLIMETRES ON ORIGINAL DRAWING		UNCONTROLLED COPY WHEN PRINTED	