



# Richmond Shire Council

## Scope of Works

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Project Number: PN2324\_02

Project Title: Moulder Street Rehabilitation & Reconstruction

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## Introduction

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### 1.1. Purpose

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The purpose of this document is to provide clear and precise information to contractors with the true and correct information to tender accurately.

### 1.2. Objectives

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To pulverise, reconstruct, and rehabilitate the existing road leading to the Saleyards off Moulder Street. Ensuring residents and Cattle trucks have a clear, safe path to travel.

### 1.3. Background

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Moulder Street is off the Flinders Highway on the western side of town, heading towards Julia Creek. This road is significant due to the entrance to the cattle yards for road trains.

### 1.4. Location

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<b><u>Time zone</u></b>	<u>AEST (UTC+10:00)</u>
<b><u>Location</u></b>	<ul style="list-style-type: none"><li>• Start: LAT/LONG -20.73448,143.14001</li><li>• End: LAT/LONG -20.73607,143.14126</li><li>• Start: LAT/LONG -20.73615,143.14131</li><li>• End: LAT/LONG -20.73717,143.14066</li></ul>
<b><u>LGA(s)</u></b>	<u>Shire of Richmond</u>

Project-specific locations are to be found in Annexure 1, “Locations.”

### 1.5. Definitions

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- SOW – Scope of Works
- TMP – Traffic Management Plan
- TGS – Traffic Guidance Scheme
- MRS02 Nov 22 - This Specification applies to the control of traffic during the construction of roadworks
- MRS14 Mar 22 - This Specification applies to the demolition and re-erection of and the supply and construction of road edge guideposts, fencing, gates, road signs, grids, steel beam guardrails, tensioned wire rope barrier systems, steel traffic barriers, and concrete traffic barriers
- EOFY – End of Financial Year

## 2. Scope

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The Scope of Work (SOW) is the area in an agreement where the work to be performed is described. The SOW should contain any milestones, reports, deliverables, and end products expected to be provided by the performing party. The SOW should also include a timeline for all deliverables.

### 2.1. Project Constraints

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Project constraints can take many forms. Please see the attached Annexure 2, "Project constraints," for information on what to be aware of for this project.

### 2.2. In scope

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Scope refers to the assumption of tasks and duties that the contractor must undertake. This includes following the construction plan, ensuring they meet WHS requirements, and understanding the construction methods to meet quality expectations.

#### 2.2.1. Preliminaries (Contractor Requirements)

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The successful tenderer will be required to;

1. Provide all details as requested to comply with Richmond Shire Council's Workplace Health and Safety Requirements.
2. To obtain their own Traffic Management Plan.
3. Have relevant experience in Civil Road Construction to TMR requirements

#### 2.2.2. Construction

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1. PROVISION FOR TRAFFIC
  - a. *Planning of temporary traffic management (TMP) (MRS02 Nov 22)*
  - b. *Design of temporary traffic management (TGS) (MRS02 Nov 22)*
  - c. *Implementation, maintenance, and removal of temporary traffic management (MRS02 Nov 22)*
  - d. *Administration of temporary traffic management (MRS02 Nov 22)*
2. EARTHWORKS – PREPARATION
  - a. *Clearing and grubbing/Topsoil stripping*
3. EARTHWORKS – EXCAVATION
  - a. *Excavation, all materials*
  - b. *Excavation, all materials, table drains (MRS04 Nov 22)*
  - c. *Special Excavation, all materials (MRS04 Nov 22)*
4. EARTHWORKS – SUBGRADE TESTING & TREATMENTS
  - a. *Box out and remove 200mm against the gutter to the bitumen edge*
  - b. *Pulverise bitumen 200mm, wet mix and layout, full width to gutter*
  - c. *Supply, wet mix, shape, and compact road base to a 200mm x 12m wide x 220m long depth. Stabilise using 2% cement*
  - d. *Subgrade Treatment Type C (Type 2.3/2.5 gravel top up 150mm, 300mm depth)*
  - e. *Wet mix, shape, and compact 200mm x 170m*
  - f. *Supply, wet mix, shape, and compact road base to a 200mm x 8m wide x 170m long depth. Stabilise using 2% cement.*
  - g. *Build up the road as per the design provided to allow water to flow in the drain.*

5. UNBOUND PAVEMENTS

- a. *Subtype 2.1, Unbound Pavement [Base Layer, 200mm depth, 12m Width] (MRS05 Jul 22)*

6. GUIDANCE AND INFORMATION SYSTEMS

- a. *Road edge guideposts (Flexible) (MRS14 Mar 22)*  
b. *Supply of regulatory, warning, and hazard sign faces, as listed in Clause 1.3 of Annexure MRS14.1 (MRS14 Mar 22)*  
c. *Installation of regulatory, warning, and hazard signs, as listed in Clause 1.3 of Annexure MRS14.1 (MRS14 Mar 22)*

2.3. Out of Scope

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It is assumed that the successful tenderer will not be required to;

1. Provide bitumen spray seal
2. Provide line marking.
3. Construction and installation of culverts

3. Annexures

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- Project Constraints
- Locations and Specification

### 3.1 Project Constraints

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Project constraints come in many forms; in this project, our main constraints and risks are as follows:

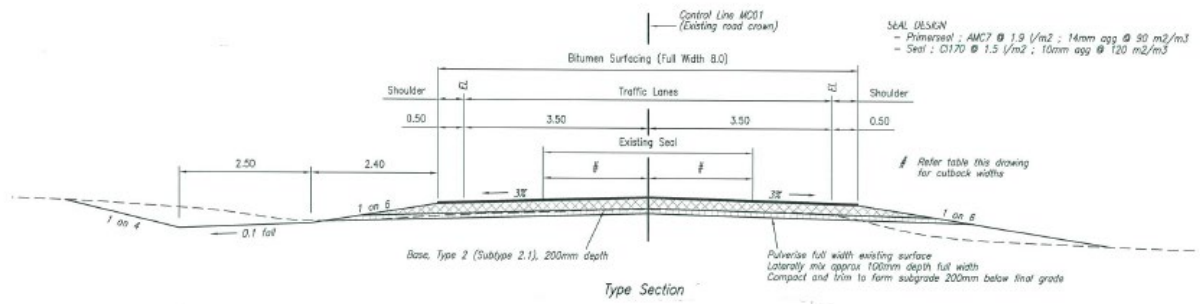
1. Time Constraints.
  - a. It is imperative that this project be completed by the End of the Financial Year (EOFY) as it is subject to strict time constraints from the. Failure to comply with these constraints could adversely impact the project's deliverables and overall success. Therefore, all stakeholders must work collaboratively to ensure the project's completion within the stipulated timeframe.
  - b. It is important to highlight that despite any time constraints, it is necessary to complete the work in a manner that upholds the quality of the proposed road. Maintaining high standards is crucial to ensure the successful delivery of the project and to meet all relevant regulations. Therefore, allocating adequate time and resources to the project to achieve the desired outcome is essential. Time should be viewed as an opportunity to improve the quality of the work rather than a constraint.
2. Quality Constraints
  - a. It is imperative that the work undertaken aligns with the standards and approved methodologies set forth by the Richmond Shire Council. The quality of work must be of the highest standard and in compliance with the guidelines set forth by the Council.
3. Weather Constraints.
  - a. Adverse weather conditions have caused a setback of three months for this project due to frequent rain events that have impacted the shire. These constraints have significantly disrupted the project's schedule, leading to a delay in its completion.
4. Project Risk Constraints
  - a. It is imperative to acknowledge the presence of inherent risks in high-risk construction work. Richmond Shire Council has been awarded Federal Safety Certification, and it is expected that the contractor will operate within the standards set by the council to minimise the risk exposure.
  - b. The assigned contractor will bear responsibility for their safety while working on the premises and must promptly report any incidents that may arise during the course of their work. This requirement includes but is not limited to, ensuring that any potential hazards are promptly identified and reported to the appropriate personnel. Failure to comply with these requirements may result in disciplinary action, including contract termination.
    - i. any accidents, injuries, or other safety-related concerns (Including near misses)
    - ii. all safety protocols and guidelines are strictly adhered to at all times
    - iii. potential hazards are promptly identified and reported to the appropriate personnel
5. Scope Creep
  - a. To prevent any deviation from the project's original scope, all work must be completed per the predetermined scope, without any additional tasks being



carried out unless prior written and signed approval has been obtained. This measure ensures that project expenditures remain within budgetary limits.

Projects are often accompanied by unavoidable constraints and issues that can impede their progress. Richmond Shire Council is committed to minimizing such constraints and making them easy to manage to ensure that projects are delivered smoothly on time, and within budget. The Council recognizes the importance of timely project delivery and works diligently to identify potential constraints and issues early in the project planning process. The Council can proactively address any such constraints and issues and ensure the project stays on track. Through careful planning, effective communication, and proactive management, Richmond Shire Council strives to ensure the successful delivery of projects despite any challenges that may arise.

3.2 Locations & Specifications



Road Specification



Locations of works on Moulder Street

The 90-degree corner in the above diagram must be at its peak 15m from the outermost wheel path to allow triple road trains ample room to turn as per the specifications below.

