

Issue —  
70% - Community  
Consultation

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Project —  
19.079

# Central Marion Precinct Streetscapes

Stage 01 - Sturt Road (Diagonal Rd - Marion Rd)



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# PROJECT LOCATION AND IMPLEMENTATION



## LEGEND



STURT ROAD - STAGE 01  
Marion Road to Diagonal Road



STURT ROAD - STAGE 03  
Diagonal Road to Morphet Road

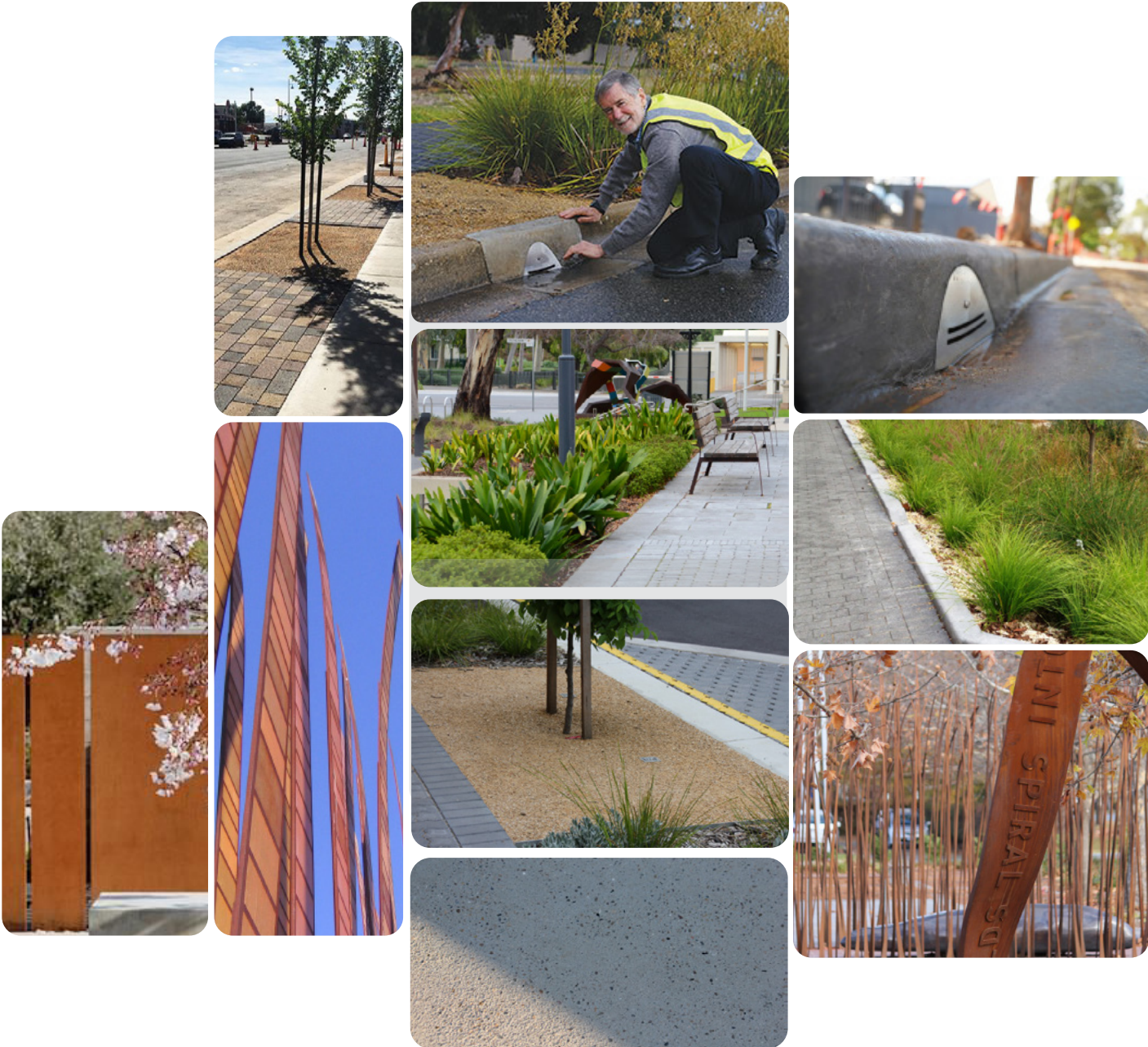


DIAGONAL ROAD - STAGE 02  
Sturt Road to Trott Grove



MORPHETT ROAD - STAGE 04  
Sturt Road to Diagonal Road

# NEW STREETSCAPE TREATMENTS



The objectives identified include the following:

- Provide a high quality, robust and distinctive Streetscape upgrade;
- Establish a consistent Marion Centre precinct character;
- Deliver a value for money project to the City of Marion community;
- Improve the image of the City of Marion;
- Adopt an environmentally sustainability approach;
- Integrate Water Sensitive Urban Design where possible;
- Identify opportunities to increase Street trees and shrubs.



# EXISTING SITE CHARACTER

## KEY CONSIDERATIONS

- 1

Generally open interface to adjacent properties with few street trees
- 2

Generally open / unsurfaced medians
- 3

Overhead powerlines both sides.
- 4

Dedicated bike lane
- 5

Typical H-block concrete unit paving  
2.7m wide verge
- 6

Feature Marion Lawn Bowls walls/Dugouts



# PROPOSED PAVING + SURFACES

## P1a + P1b - INSITU CONCRETE PAVING

DESCRIPTION	Lightly washed exposed aggregate concrete.
MATERIAL & COLOUR	'Barossa Moonscape' or similar approved.
FINISH	Washed 1mm reveal.
SUPPLIER	Hanson concrete or similar approved.
PERFORMANCE REQUIREMENTS	<ul style="list-style-type: none"><li>— Incorporates reinforcing, expansion and control joints, heavy vehicle load rated, slip rated</li><li>— 100mm depth for pedestrian traffic</li><li>— 150mm depth for vehicular traffic</li><li>— Footpath minimum width 1.2 m</li><li>— Strength grade 25, 32MPa.</li><li>— Compliant with AS1379.</li></ul>
MAINTENANCE	<ul style="list-style-type: none"><li>— General cleaning.</li><li>— If required, repair by replacing damaged panel between cracking joints.</li></ul>
USES	— Primary paving material.



Typical concrete finish

## P2 - PRECAST CONCRETE UNIT PAVING

DESCRIPTION	'Ash' pavers.
COLOUR	Dark grey.
FINISH	Light Shot Blast.
DIMENSION	230mm x 114mm x 50mm.
SUPPLIER	Littlehampton Bricks and Pavers
PERFORMANCE REQUIREMENTS	<ul style="list-style-type: none"><li>— Compacted subgrade and base to suit pedestrian loads.</li><li>— Tolerance of max +/- 2mm lippage.</li><li>— Slip Resistance to comply with AS 4586.</li><li>— Stretcherbond pattern.</li><li>— Vehicle rated.</li></ul>
MAINTENANCE	<ul style="list-style-type: none"><li>— General cleaning.</li><li>— Lift broken/chipped pavers and replace.</li></ul>
USES	<ul style="list-style-type: none"><li>— Secondary paving material.</li><li>— Bus stop zones.</li></ul>



Littlehampton clay pavers

The objectives with paving selecting is to connect the new streetscape works on Sturt Road (Marion Rd - South Rd) to the newly completed Oaklands Railway Station Upgrade for a continuity and establish the sites character.



# FURNITURE + KEY ELEMENTS

## P3 - COMPACTED GRANULITIC SAND

DESCRIPTION	8mm Quarry Sand with soil bond.
FINISH	Compacted.
SUPPLIER	Fitzgeralds Quarry.
PERFORMANCE REQUIREMENTS	<ul style="list-style-type: none"><li>— Compacted subgrade to suit application.</li><li>— Install in flat areas only - max grade 1:50 or 2%.</li><li>— Lightly tamped within 750mm of adjacent tree.</li></ul>
MAINTENANCE	<ul style="list-style-type: none"><li>— Top up infill and compacting as required.</li><li>— Removal of surface weed growth as required.</li></ul>
USES	<ul style="list-style-type: none"><li>— Verges and tree pits - primary treatment.</li></ul>



Granulitic sand in verge

## F1 - BENCH SEAT

DESCRIPTION	Mild steel frame, timber batten bench seat (single seat option available)
MODEL	PL
MATERIAL & FINISH	Frame: Weathered Battens: Seasoned - dressed all round
DIMENSIONS	2400mm / 1800mm long.
PERFORMANCE REQUIREMENTS	<ul style="list-style-type: none"><li>— Installed sub-surface to manufacturer’s specifications</li><li>— Tamper proof fixings</li></ul>
MAINTENANCE	<ul style="list-style-type: none"><li>— No direct maintenance required. Cleaning, possible repair of battens</li></ul>
USES	<ul style="list-style-type: none"><li>— Primarily located along main roads and streets in the Urban Character Precinct.</li></ul>



‘PL’ seat

## TN - TREENET INLET

DESCRIPTION	TREENET Inlet
MODEL	Trench Model. T390L.
DIMENSION	<ul style="list-style-type: none"><li>— Kerb inlet faceplate: 550mm Wide.</li><li>— Trench drain: 460mm Wide x 1520mm Long.</li></ul>
SUPPLIER	Local SA company. Space Downunder.
PERFORMANCE REQUIREMENTS	<ul style="list-style-type: none"><li>— To manufacturers specifications.</li><li>— Integrate into existing kerb + watertable</li></ul>
MAINTENANCE	<ul style="list-style-type: none"><li>— General cleaning of sediment in trench pit when necessary.</li></ul>
USES	<ul style="list-style-type: none"><li>— WSUD passive water retention for trees</li><li>— Rain Harvesting</li></ul>



TREENET Inlet Installation in South Australia

## F2 - BIN

DESCRIPTION	‘City of Marion’ bin surround
MATERIAL & FINISH	Panels: Industrial grade paint system with anti-graffiti coating. Colour: RAL 7043 Splash tray and trim: Brushed
DIMENSIONS	Front 680W x Side 800W x Height 1320 mm
PERFORMANCE REQUIREMENTS	<ul style="list-style-type: none"><li>— 240L Wheelie Bin compatible</li><li>— Fitted with continuous hinge. Keyed access</li><li>— Concealed tamper proof vandal resistant fixings</li><li>— Direct fix install on concrete pad footing</li></ul>
MAINTENANCE	<ul style="list-style-type: none"><li>— Regular emptying of rubbish. Removal of staining and general cleaning. Able to withstand continual cleaning with high pressure water apparatus</li></ul>
USES	<ul style="list-style-type: none"><li>— Primarily located along main roads and streets in the Urban Character Precinct.</li></ul>



Example bin

# PROPOSED STREETSCAPE UPGRADE PLANS

