

minutes

Capital Works Committee

MEETING HELD ON **TUESDAY, 2 APRIL 2013**

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CITY OF JOONDALUP

MINUTES OF THE CAPITAL WORKS COMMITTEE MEETING HELD IN CONFERENCE ROOM 2, JOONDALUP CIVIC CENTRE, BOAS AVENUE, JOONDALUP ON TUESDAY, 2 APRIL 2013.

ATTENDANCE

Committee Members:

Cr Tom McLean, JP	<i>Presiding Member</i>	
Mayor Troy Pickard		<i>from 5.53pm</i>
Cr Geoff Amphlett, JP	<i>Deputy Presiding Member</i>	
Cr Brian Corr		
Cr Christine Hamilton-Prime		
Cr Teresa Ritchie		
Cr Philippa Taylor		

Observers:

Cr John Chester
Cr Mike Norman
Cr Sam Thomas

Officers:

Mr Mike Tidy	Director Corporate Services	
Mr Nico Claassen	Director Infrastructure Services	
Mr Brad Sillence	Manager Governance	
Mr Mike Hamling	Manager Operation Services	
Mr John Byrne	Governance Coordinator	
Mrs Lesley Taylor	Governance Officer	<i>to 6.35pm</i>

DECLARATION OF OPENING

The Presiding Member declared the meeting open at 5.46pm.

APOLOGIES/LEAVE OF ABSENCE

Leave of Absence previously approved

Cr Brian Corr	4 April to 13 April 2013 inclusive.
Cr Kerry Hollywood	1 May to 26 May 2013 inclusive.

CONFIRMATION OF MINUTES

MINUTES OF THE CAPITAL WORKS COMMITTEE MEETING HELD ON 5 MARCH 2013

MOVED Cr Hamilton-Prime, **SECONDED** Cr Amphlett that the minutes of the meeting of the Capital Works Committee held on 5 March 2013 be confirmed as a true and correct record.

The Motion was Put and

CARRIED (6/0)

In favour of the Motion: Crs McLean, Amphlett, Corr, Hamilton-Prime, Ritchie and Taylor.

ANNOUNCEMENTS BY THE PRESIDING MEMBER WITHOUT DISCUSSION

Nil.

DECLARATIONS OF INTEREST

Nil.

IDENTIFICATION OF MATTERS FOR WHICH THE MEETING MAY SIT BEHIND CLOSED DOORS

In accordance with Clause 76 of the City's *Standing Orders Local Law 2005*, this meeting was not open to the public.

PETITIONS AND DEPUTATIONS

Nil.

REPORTS

Mayor Pickard entered the room at 5.53pm.

ITEM 1 UPDATE ON 2012-13 CAPITAL WORKS PROGRAM

WARD	All
RESPONSIBLE DIRECTOR	Mr Nico Claassen Infrastructure Services
FILE NUMBER	102496, 101515
ATTACHMENT	Attachment 1 Capital Works Project Report 2012-13
AUTHORITY / DISCRETION	Information - includes items provided to Council for information purposes only that do not require a decision of Council (that is for 'noting').

PURPOSE

For the Capital Works Committee to note the update on the 2012-13 Capital Works Program.

EXECUTIVE SUMMARY

The Capital Works Project Report for the 2012-13 program, as at 28 February 2013, is attached (Attachment 1 refers).

It is recommended that the Capital Works Committee NOTES the report on the Capital Works Projects for 2012-13 forming Attachment 1 to this Report.

BACKGROUND

At its meeting held on 15 May 2012 (CJ094-05/12 refers), Council resolved inter alia to establish a Capital Works Committee to:

- *Oversee the monthly progress of the City's annual Capital Works Program and review of the City's Five Year Capital Works Program.*
- *Oversee the long term planning of major capital works projects not being the role of a Council Committee established for such purposes.*
- *Consider recommendations to modify the City's Capital Works.*

DETAILS

The Capital Works Project Report for the 2012-13 program, as at 28 February 2013, is provided as Attachment 1.

Legislation / Strategic Community Plan / policy implications**Legislation**

Sections 5.17 and 6.8 of the *Local Government Act 1995*.

A Committee cannot make decisions, on behalf of the Council, that require an absolute majority decision (Section 5.17 of the *Local Government Act 1995*), in which case, and in accordance with Section 6.8 of the *Local Government Act 1995*, includes approving expenditure not included in the City's Annual Budget. The Capital Works Committee could only recommend to the Council to approve or modify capital works projects.

Strategic Community Plan**Key theme**

Financial Sustainability.

Objective

Major project delivery.

Strategic initiative

Not applicable.

Policy

Not applicable.

Risk management considerations

Not applicable.

Financial/budget implications

Not applicable.

Regional significance

Not applicable.

Sustainability implications

Not applicable.

Consultation

Not applicable.

COMMENT

The Capital Works Project Report for the 2012-13 program provides an update on the capital work activities undertaken as at 28 February 2013.

VOTING REQUIREMENTS

Simple Majority.

MOVED Mayor Pickard, **SECONDED** Cr Hamilton-Prime that the Capital Works Committee **NOTES** the report on the Capital Works Projects for 2012-13 forming Attachment 1 to this Report.

The Motion was Put and

CARRIED (7/0)

In favour of the Motion: Cr McLean, Mayor Pickard, Crs Amphlett, Corr, Hamilton-Prime, Ritchie and Taylor.

Appendix 1 refers

To access this attachment on electronic document, click here: [Attach1agnCWC020413.pdf](#)

ITEM 2 MONTHLY CAPITAL WORKS PROJECT REPORTS

WARD	All
RESPONSIBLE DIRECTOR	Mr Nico Claassen Infrastructure Services
FILE NUMBER	102496, 101515
ATTACHMENT	Attachment 1 Oceanside Promenade redevelopment Attachment 2 Moore Drive duplication Attachment 3 Currambine Community Centre and Delamere Park construction Attachment 4 Tom Simpson Park upgrade Attachment 5 Entry statements Attachment 6 Mirror Park skate park
AUTHORITY / DISCRETION	Information - includes items provided to Council for information purposes only that do not require a decision of Council (that is for 'noting').

PURPOSE

For the Capital Works Committee to note the monthly project status reports for capital works projects.

EXECUTIVE SUMMARY

At the Capital Works Committee meeting of 7 August 2012 the Committee determined which capital works project reports were required and the frequency of reporting. The monthly project reports are attached (Attachments 1 – 6 refer).

BACKGROUND

At its meeting held on 7 August 2012 the Capital Works Committee requested that the following project reports be provided on a monthly and quarterly basis:

- Oceanside Promenade redevelopment – monthly.
- Moore Drive duplication – monthly.
- Currambine Community Centre and Delamere Park construction – monthly.
- Tom Simpson Park upgrade – monthly.
- Entry Statements – monthly.
- Mirror Park skate park – monthly.
- Hodges Drive duplication – quarterly.
- Marmion foreshore car park – quarterly.
- Mawson Park – landscape upgrade – quarterly.
- Hillarys Park – landscape upgrade - quarterly.

DETAILS

At the 7 August 2012 Capital Works Committee meeting the Committee determined which capital work project reports were required on a monthly and quarterly basis. A summary of each project and its current status is detailed below, with more detailed information in the attached project reports.

Oceanside Promenade Redevelopment

Project description: The redevelopment of Oceanside Promenade in accordance with the final concept plan, as approved by Council on 17 May 2011 (CJ092-05/11 refers).

Current status: All construction works have been completed.

Two of the four light poles have been removed from the roundabout at the intersection with Iluka Avenue and the car park. A Norfolk Island Pine Tree has been planted within the roundabout.

This is the final monthly report for this project.

Moore Drive Duplication

Project description: Construction of a second carriageway on Moore Drive from Connolly Drive to Joondalup Drive.

Current status: Project completed.

This is the final monthly report for this project.

Currambine Community Centre and Delamere Park Construction

Project description: Design, tender and project management of the construction of Currambine Community Centre and a new park and car park at Delamere Park.

Current status: Works on the community centre are progressing in accordance with the program. Car park sub-bases and soakwell installation complete. The retaining walls are now 85% complete and the Water Corporation easement issues have been resolved.

Advice received from Green Building Council that the building as currently designed would attract a 4-star rating.

Funding for the construction of Delamere Park has been listed for consideration in the draft Capital Works Program.

Tom Simpson Park Upgrade

Project description: Redevelopment of Tom Simpson Park in accordance with the final concept plan, as approved by Council on 17 May 2011 (CJ092-05/11 refers).

Current status: Project completed.

This is the final monthly report for this project.

Entry Statements

Project description: Installation of two entry statements to be installed at both ends of Marmion Avenue. The Entry Statement project underpins the concept of ‘a memorable gateway into the City of Joondalup, with visitors and residents “moving through” the design’. The scope of the project includes the installation of poles, signage, trees and ground treatments.

Current status: Following meeting with senior executives from Main Roads WA a revised design is being prepared for the southern entry statement for final approval by Main Roads WA.

Mirror Park Skate Park

Project description: Construction of a skate park facility at Mirror Park, Ocean Reef in accordance with Council resolution CJ099-06/11.

Current status: Project completed.

The official opening of the skate park took place on 23 February 2013.

This is the final monthly report for this project.

Legislation / Strategic Community Plan / policy implications

Legislation Sections 5.17 and 6.8 of the *Local Government Act 1995*.

A Committee cannot make decisions, on behalf of the Council, that require an absolute majority decision (Section 5.17 of the *Local Government Act 1995*), in which case, and in accordance with Section 6.8 of the *Local Government Act 1995*, includes approving expenditure not included in the City’s Annual Budget. The Capital Works Committee could only recommend to the Council to approve or modify capital works projects.

Strategic Community Plan

Key theme Financial Sustainability.

Objective Major project delivery.

Strategic initiative Not applicable.

Policy Not applicable.

Risk management considerations

Not applicable.

Financial/budget implications

Not applicable.

Regional significance

Not applicable.

Sustainability implications

Not applicable.

Consultation

Not applicable.

COMMENT

The attached capital works project reports provide an update on the activities undertaken in the last month.

VOTING REQUIREMENTS

Simple Majority.

MOVED Cr Amphlett, SECONDED Cr Ritchie that the Capital Works Committee NOTES the monthly capital works project reports for:

- 1 Oceanside Promenade redevelopment;**
- 2 Moore Drive duplication;**
- 3 Currambine Community Centre and Delamere Park construction;**
- 4 Tom Simpson Park upgrade;**
- 5 Entry Statements;**
- 6 Mirror Park Skate Park,**

as detailed in Attachments 1 to 6 to this Report.

The Motion was Put and

CARRIED (7/0)

In favour of the Motion: Cr McLean, Mayor Pickard, Crs Amphlett, Corr, Hamilton-Prime, Ritchie and Taylor.

Appendix 2 refers

To access this attachment on electronic document, click here: [Attach2agnCWC020413.pdf](#)

ITEM 3 ENTRY STATEMENTS REVISED DESIGN

WARD	All
RESPONSIBLE DIRECTOR	Mr Nico Claassen Infrastructure Services
FILE NUMBER	102496, 102315, 55541, 102623
ATTACHMENT	Attachment 1 Northern Entry Statement Concept Design Attachment 2 Southern Entry Statement Concept Design Attachment 3 Southern Entry Statement Locations Attachment 4 Proposed and Existing Entry Statement Locations
AUTHORITY / DISCRETION	Executive – The substantial direction setting and oversight role of Council, such as adopting plans and reports, accepting tenders, directing operations, setting and amending budgets.

PURPOSE

For Council to approve the revised design and scope of works for the entry statements located at the northern and southern entrances along Marmion Avenue to the City's district.

EXECUTIVE SUMMARY

At the Capital Works Committee meeting held on 6 November 2012 and the subsequent ordinary meeting of Council held on 20 November 2012, Council confirmed its commitment to the erection of entry statements and requested that a revised design be prepared which retains the key principles of the original concept design (CJ253-11/12 refers).

This report provides information to Council regarding the revised design, scope of works and proposed cost estimate for the entry statements. In-principle support has been given by Main Roads WA for the installation of the southern entry statement.

It is recommended that Council APPROVES:

- 1 the revised Entry Statement design and scope of works as shown on Attachments 1 and 2 to this Report;*
- 2 relocating the southern entry statement 50 metres north of the local government boundary at the intersection of Marmion Avenue and Beach Road; as shown on Attachment 3 to this Report.*

BACKGROUND

The concept for the City's entry statements is to provide a memorable gateway into the City of Joondalup. "A clear Joondalup sign informs people of where they are entering while the rest of the design mimics a city skyline and the individual elements are an interpretive reflection of what is the City of Joondalup (past, present and future)". The northern entry sign is sited approximately 215 metres south of the local government boundary; while the southern entry sign is sited 50 metres north of the local government boundary.

The concept design for the construction of three entry statements and the budget of \$375,750 was endorsed by Council on 17 February 2009 (CJ028-02/09 refers). The budget was based upon the architect's cost estimate from 2008. The City consulted Main Roads WA regarding the design, who requested that a wire rope barrier be installed between the road edge and the entry statement. Following a revised cost estimate there were insufficient funds for the installation of three entry statements. On 16 February 2010 Council approved the construction of two entry statements only at the northern and southern boundaries to the City (CJ026-02/10 refers).

Tenders were advertised on 31 March 2012 with the tender proposals received in April 2012 ranging in value from \$572,691 to \$885,987. Consequently the tenders were declined and the architect, UDLA, was requested to revise and reduce the scope of works to fit the budget. The revised estimate as reported to the Capital Works Committee held on 2 October 2012 was \$263,000 per entry statement, which was \$186,000 over the 2012-13 budget allocation. It was requested at that committee meeting for the Chief Executive Officer to review the concept design and project scope for two entry statements for the City and provide a further report for Council's consideration.

At the Capital Works Committee meeting held on 6 November 2012 and the subsequent ordinary meeting of Council held on 20 November 2012, Council confirmed its commitment to the erection of entry statements (CJ253-11/12 refers). It was resolved that Council:

- 1 *CONFIRMS its commitment to the erection of entry statements in Marmion Avenue north of Beach Road and adjacent to the northern boundary to Cranston Park and Joondalup Drive, near the intersection of Burns Beach Road;*
- 2 *RETAINS the key principles of the originally approved concept design;*
- 3 *ERECTS the entry statements only in the road median island at the designated location;*
- 4 *PREPARES the revised design, scope and cost estimates, together with confirmation from Main Roads WA that the proposed design is approved;*
- 5 *in preparing an alternate revised design, GIVES CONSIDERATION to the entry statements running parallel to the road network, mitigating the need for crash barriers.*

DETAILS

Following Council's confirmed commitment to the two entry statements at the southern and northern boundaries of the City a revised design and location (Attachments 1 and 2 refer) has been prepared with the following proposed changes:

- Entry statements to be installed in medians only.
- Interpretive poles to be accommodated within a landscaped garden bed.
- Horizontal 'City of Joondalup' entry and exit signs incorporated among the poles unifying the entry statement.
- Relocating the southern entry statement 50 metres north of the City boundary at the intersection of Marmion Avenue and Beach Road (Attachment 3 refers).

The number and design of the poles mirrors the original design.

The original concept design was to utilise both the verges and medians along Marmion Avenue, with the southern entry statement located one kilometre north of the City's boundary. It is suggested the southern entry statement be located 50 metres north of the boundary at the intersection of Marmion Avenue and Beach Road. The revised concept design is only utilising the median strip and by moving the entry statement closer to the City's southern boundary will more clearly signify to passing traffic that they have arrived within the boundaries of the City of Joondalup. It is a prominent location which clearly marks one's journey into the City.

The revised design has been assessed by an external Quantity Surveyor for the installation of both entry statements and is within the current funding available of \$349,892.

Main Roads WA has viewed the revised design and given in-principle support for the southern entry statement. A requirement from Main Roads WA is the inclusion of a wire rope barrier. Main Roads WA has confirmed that the wire rope barrier can be set 405mm from the back of the semi-mountable roadside kerb (based on the Main Roads WA *Wire Rope Barrier Design Sheet Rev. F*, provided to the City on 7 March 2013) and including the 1.5 metre deflection zone still allows a 2.5 metre space at the southern entry statement and 9.5 metres at the northern entry statement which is sufficient to install the proposed design. The landscaping component of the design is not affected by the wire rope deflection zone.

A final design, based on the latest *Wire Rope Barrier Design Sheet*, is currently being prepared for Main Roads WA approval.

Issues and options considered

Option 1

Council may proceed with the entry statement project, based on the revised design subject to Main Roads WA final approval for the southern entry statement.

Option 2

Council can decide not to proceed with the entry statement project.

Legislation / Strategic Community Plan / policy implications

Legislation Not applicable.

Strategic Community Plan

Key theme Quality Urban Environment.

Objective Quality open spaced.

Strategic initiative Establish landscapes that are unique to the City and provide statements within prominent network areas.

Policy Not applicable.

Risk management considerations

The entry statements have been designed in accordance with Australian Standards to minimise any risks associated with vehicle and pedestrian movement through the proposed entry statement.

Financial/budget implications

Account no.	W1329
Budget Item	SSE 2019 - Entry Statements
Original budget 2010/11	\$ 375,750
Amount spent to 30 June 2012	\$ 25,858
Approved carried forward as of 30 June 2012	\$ 9,892
Approved budget 2012/13	\$ 340,000
Total project budget available	\$ 349,892
Amount spent and committed to date	\$ 11,000

Annual maintenance \$15,000 per entry statement.

All amounts quoted in this report are exclusive of GST.

Regional significance

Not applicable.

Sustainability implications

Not applicable.

Consultation

Elected Members have provided input into the entry statement design following a number of workshops with the architect designer.

Main Roads WA has given in-principle support for the southern entry statement.

COMMENT

The entry statement project provides the opportunity to construct a memorable gateway into the City of Joondalup. The revised design in the median islands retains the key principles of the original concept design and can be accommodated within the existing budget.

Locating the southern entry statement 50 metres north of the City boundary as suggested will mean the entry statement is more prominent and will mark clearly one's arrival and journey into the City of Joondalup.

Once approval has been gained for the northern and southern entry statements and a style guide established, development of suburb entry statements will proceed. The suburb entry statements will draw on the form, style and colour of the northern and southern entry statements to provide uniformity in design and image.

VOTING REQUIREMENTS

Simple Majority.

OFFICER'S RECOMMENDATION:

That Council APPROVES:

- 1 the revised Entry Statement design and scope of works as shown on Attachments 1 and 2 to this Report;
- 2 relocating the southern entry statement 50 metres north of the local government boundary at the intersection of Marmion Avenue and Beach Road as shown on Attachment 3 to this Report.

MOVED Cr Hamilton-Prime, SECONDED Cr Amphlett that Council APPROVES:

- 1 **the revised Entry Statement design and scope of works as shown on Attachments 1 and 2 to this Report, subject to the reinstatement of an approximate half width City of Joondalup monolith sign as per the original design and scope of works for the southern entry statement, with the original monolith sign design being used for the northern entry statement;**
- 2 **relocating the southern entry statement 50 metres north of the local government boundary at the intersection of Marmion Avenue and Beach Road as shown on Attachment 3 to this Report.**

The Motion was Put and

CARRIED (4/3)

In favour of the Motion: Mayor Pickard, Crs Amphlett, Hamilton-Prime and Ritchie.

Against the Motion: Crs Corr, McLean and Taylor.

Appendix 3 refers

To access this attachment on electronic document, click here: [Attach3agnCWC020413.pdf](#)

The Governance Coordinator left the room at 6.35pm.

ITEM 4 ICONIC EAST-WEST ARTERIAL ROAD PROJECTS – SHENTON AVENUE

WARD	North / North-Central
RESPONSIBLE DIRECTOR	Mr Nico Claassen Infrastructure Services
FILE NUMBER	102496, 53597, 101515
ATTACHMENT	Attachment 1 Location of Iconic Road Projects Attachment 2 Concept design for Iconic Arterial Roads Projects (2008) Attachment 3 Design for stage 1 of Shenton Avenue Iconic Arterial Road project Attachment 4 Concept design for stage 2 of Shenton Avenue Iconic Arterial Road project
AUTHORITY / DISCRETION	Executive - The substantial direction setting and oversight role of Council, such as adopting plans and reports, accepting tenders, directing operations, setting and amending budgets.

PURPOSE

For Council to approve the design and budget for the Iconic East-West Arterial Roads project for Shenton Avenue.

EXECUTIVE SUMMARY

The pilot Iconic East-West Arterial Road project was undertaken on Burns Beach Road and Hodges Drive. The Iconic East-West Arterial Road projects are a key focus area of the Landscape Master Plan. They are intended to provide a unique image for the City of Joondalup on high usage roads using plant species that are indigenous to Joondalup while reducing water consumption.

The Burns Beach Road project was implemented in three stages and following planting to Zones 4-5 from the Mitchell Freeway to Joondalup Drive in June 2013, will be fully completed.

An evaluation of stage 1 of the Burns Beach Road project (Delgado Parade to Mitchell Freeway) was presented to Council on 25 May 2010 (CJ081-05/10 refers). The report provided a breakdown of costs and an estimated budget for the completion of Burns Beach Road and the remaining Iconic East-West Arterial Roads projects. Council agreed, in part to:

“2 NOTE that further evaluation and costing on completion of Stage 1 of the Burns Beach Road Project in 2011 will be required before detailed budgeting and scheduling of future works is undertaken”;

This report provides an evaluation of the costs for the Burns Beach Road Iconic Road project and seeks additional funding for the Shenton Avenue Iconic Road projects. The evaluation highlights the budget shortfall for the future Iconic East-West Arterial Road projects and suggests a rationalisation of the original design to reduce future costs while still retaining the Landscape Master Plan principles.

It is recommended that Council:

- 1 APPROVES the proposed rationalised concept design, being Option 1, for Stage 2 of the Shenton Avenue Iconic Roads project;
- 2 NOTES the listing of \$850,763 in the draft 2013-14 Capital Works budget for consideration for the completion of the Shenton Avenue Iconic Roads Project.

BACKGROUND

In 2007 the State Minister for Water announced significant changes for local government in addressing water usage levels. The Minister required that all local governments submit a Water Usage Plan by June 2008 and conform to regulated water usage limits by July 2009. Following these changes to water usage the City undertook a desktop review of landscape planning and development to assess the approach taken to landscape master planning and develop principles and concepts to inform the Landscape Master Plan (LMP). Council endorsed the aims and principles of landscape master planning on 18 March 2008 (CJ034-03/08 refers) and requested that seven iconic projects be undertaken on the following east-west arterial roads (Attachment 1 refers):

- Burns Beach Road.
- Hodges Drive.
- Shenton Avenue.
- Ocean Reef Road.
- Whitfords Avenue.
- Hepburn Avenue.
- Warwick Road.

The LMP was adopted by Council on 16 December 2008 (CJ259-12/08 refers).

Endorsement of the draft concept design for the Iconic East-West Arterial Road projects was sought from Council on 2 September 2008 (CJ176-09/08 refers). Council endorsed the concept plan (Attachment 2 refers) and agreed to the Burns Beach Road median strip being the first iconic project for implementation during 2008-09.

The concept design for the seven iconic projects incorporated water sensitive urban design and provided a unique image for the City in high visibility and high usage roads. The concept design incorporated the use of colour and indigenous species to illustrate the biodiversity of Joondalup.

The concept design was based on a grid system of distinct garden beds which would contain native plants that represented the original species of flora that inhabited the corridor prior to development. The garden beds were followed by a section of soils that were distinct to the

area to delineate the different beds of floral species. The concept design evolved to use coloured concrete panels that reflected the change in soil from the coast to the bush rather than the use of soil.

While the concept design developed provided considerable value in water reduction and sustainable water use, it was acknowledged that implementation of an iconic project was required as a pilot to ascertain all costs and to evaluate the benefits. The knowledge and experience gained in implementing an iconic project would be of importance when planning future projects and when rolling out the City-wide program.

In addition to the pilot Iconic East-West Arterial Road project for Burns Beach Road in 2008-09, Council, through the budget process, requested that the verge and median strips on Hodges Drive between the Mitchell Freeway and Joondalup Drive be included as an iconic road project.

Following Council's endorsement of the concept plan a number of operational matters were identified during the detailed design and costing process. These operational matters included the staging of the project at Burns Beach Road and Hodges Drive over three years and the supply of local provenance plant species.

Local nurseries were unable to supply sufficient plants in the quantities needed for the projects and to have them ready for delivery by April 2009. Most of the plant species would also need to go through a specialist process which included harvesting and propagating provenance plant stock, with seeds and cuttings collected in spring of the year prior to their propagation. This resulted in the need to stage the projects over three years from 2008-2009 to 2010-2011 and the requirement for a long-term supply contract with a plant propagation nursery in order to obtain a reliable supply of the unique provenance plant stock for developing the City's seven east-west major road arteries. A report was presented to Council on 25 November 2008 (CJ245-11/08 refers) addressing these operational matters and seeking approval of a revised timeframe and for the City to enter into a long term supply contract with a specialised nursery supplier. Council agreed, in part to:

- “1 *APPROVE a revised timeframe for the delivery of the Burns Beach Road and Hodges Drive Iconic Arterial Road Landscaping Projects to allow implementation over three-stages, commencing in 2008/09 and concluding in 2010/11;*
- 2 *AGREE to adopt a rolling three year program for implementation of future iconic road landscaping projects;*
- 3 *ENDORSE the City's participation in specialised supply contracts for a period of three years with nursery suppliers for the provision of local provenance plant stock for the Burns Beach and Hodges Drive projects as well as all subsequent arterial iconic landscaping projects as required”.*

It was anticipated that funding for the long-term supply contract for provenance plant stock would be sourced from future budget allocations for iconic roads projects.

The three stages for implementation of the Burns Beach Road and Hodges Drive Iconic Road Projects were:

- | | |
|-------------------|---|
| Stage 1 – 2008-09 | Planning and construction works for zones 1-3 Burns Beach Road (Delgado Parade to Mitchell Freeway) and Hodges Drive (Mitchell Freeway to Joondalup Drive): |
| | Establish plant procurement management contract and initiate seed bank collections and propagation processes. |

- Stage 2 – 2009-10 Mass planting of local provenance plant species in zones 1-3 and Hodges Drive to commence in April 2010.
- Planning and construction works for zones 4-5 Burns Beach Road (Mitchell Freeway to Joondalup Drive).
- Stage 3 – 2010-11 Complete Zones 4-5 of Burns Beach Road (Mitchell Freeway to Joondalup Drive) with mass plantings of the required local provenance species commencing from April 2011.
- Mass planting of any remaining plants or plants that have not survived from the previous year undertaken to complete the projects for Burns Beach Road median and Hodges Drive verge and median.

DETAILS

Burns Beach Road – Current Status

The actual construction expenditure on the Burns Beach Road Landscaping project has been evaluated and totals \$2,123,500, excluding design costs of \$169,884. This total does not include an estimated amount of \$239,000 to complete the planting required for Zones 4-5 which will result in a total cost of \$2,362,500 on completion of the works. The estimated project total cost, including design costs, will therefore amount to \$2,532,384. This shows a marked escalation in construction cost compared to the original cost estimate identified for Burns Beach Road of \$19.40 per square metre and the budgeted amount based on the detailed design of \$43.80 per square metre with the anticipated completed construction cost likely to be \$100.60 per square metre.

The plants were ordered in December to allow the plant stock sufficient time to grow prior to the June 2013 planting program.

The actual costs for the Burns Beach Road Landscaping project are as follows:

Actual area \$/m²	Actual @ 23 November 2012
23,485m ² @ \$100.60	\$2,362,500

Shenton Avenue – Current Status

The Shenton Avenue Iconic Road project is scheduled to be undertaken in 2012-13 and 2013-14. Planning has commenced for the project and as with the Burns Beach Road the project will be split into stages. A number of options have been developed for the Shenton Avenue project based upon experience gained while implementing the Burns Beach Road project, the available funding and the tie in required with the works undertaken on Joondalup Drive and Hodges Drive. The stages for the Shenton Avenue project are listed below:

Stage 1

Shenton Avenue - Joondalup Drive to Mitchell Freeway

This stage includes the landscape upgrade of the median plus the southern and northern verges. Some of the initial upgrade work on the verges has previously been undertaken but still requires completion. This section of Shenton Avenue will receive premium treatment due

to its proximity to the City Centre and in keeping with the landscape treatment already completed in Hodges Drive between the Freeway and Joondalup Drive. Refer to Attachment 3 for the concept design for this stage of the project. The addition of a wider (1200mm) concrete border will also facilitate maintenance.

The estimated costs for stage 1 are listed below:

STAGE 1	
Item	Shenton Avenue - Joondalup Drive to Freeway Median and Verges @ \$119.65m²
Remainder Professional Services	\$25,282
Construction Estimate Median	\$311,098
Construction Estimate Verges	\$189,693
Construction Estimate Total	\$500,791
Total	\$526,073

Note: \$19,246 has already been paid for design costs.

Stage 2

Shenton Avenue – Mitchell Freeway to Marmion Avenue, this stage includes the landscape upgrade to the median only. Two options have been developed for stage 2 for consideration, the options provide for a 'rationalised treatment' and a 'premium treatment'.

Option 1 'Rationalised treatment.'

Premium treatments as seen at Burns Beach Road to be applied to the high profile nibs on the median. For the remainder the Casuarina trees be retained, new mulch applied and border the median with a 1200mm coloured concrete seam border (see Attachment 4). Construction costs for this option are estimated at \$75.84 per square metre.

Option 2 'Premium treatment.'

Premium treatment applied to the entire length of the median. The landscaping will be to the same standard as Burns Beach Road but with a wider 1200mm coloured concrete seam border. The Casuarina trees will be removed and mass planting undertaken. Construction costs for this option are estimated at \$119.65 per square metre which has been calculated on the final unit cost for Burns Beach Road at \$100.60 per square metre with an increase to \$119.65 to allow for increased material and labour costs.

Both options allow a contingency for a degree of hard digging and unforeseen circumstances.

The following table shows the predicted budget that will be required for the Shenton Avenue future Iconic Arterial Road Project based on the proposed rate for Options 1 (rationalised) and 2 (premium) of \$75.84m² and \$119.65m² respectively and the current budget.

STAGE 2			
Item	Option 1 Shenton Avenue - Freeway to Marmion Avenue Median @ \$75.84m²	Option 2 Shenton Avenue - Freeway to Marmion Avenue Median @ \$119.65m²	Current Budget
Remainder Professional Services	\$70,216	\$70,216	\$1,000,000
Construction Estimate Median	\$1,254,474	\$1,978,965	
Total	\$1,324,690	\$2,049,181	

It is considered that option 1 for stage 2 of the Shenton Avenue Iconic Road project will deliver the most cost effective outcome for the City. It reduces the amount of cross section concrete and allows for the retention of the existing mature trees while delivering on the principles of the LMP.

To complete stages 1 and 2 (option 1), a budget of \$1,850,763 is required. The current budget allocation inclusive of years 2012-13 and 2013-14 is \$1,000,000. This leaves a shortfall of \$850,763. An additional sum of \$850,763 is listed in the draft 2013-14 Capital Works Budget to complete this iconic arterial road project.

Legislation / Strategic Community Plan / policy implications

Legislation

Rights in Water and Irrigation Act 1914.

Strategic Community Plan

Key theme

Quality Urban Environment.

Objective

Quality open spaces.

Strategic initiative

Establish landscapes that are unique to the City and provide statements within prominent network areas.

Policy

Not applicable.

Risk management considerations

It was recognised when adopting the LMP aims and principles that the costs associated with landscape master planning were a key operational and financial risk. If the Iconic East-West Arterial Road projects continue to be delivered at the standard set at Burns Beach Road the future budget for this program will need to be increased significantly.

Community expectation has been created by the landscaping of Burns Beach Road, as the pilot project, and with the stated objective of landscaping all the East-West Arterial Roads to a similar standard.

Financial/budget implications

The table below provides a summary of the Iconic East-West Arterial Road projects original budget compared with the revised and proposed budgets.

ICONIC PROJECT	ROAD	Current Budget	Rationalised Option 1 @ \$75.84 m²	Premium Option 2 @ \$119.65m²
Shenton Avenue – Stages 1 & 2		\$1,000,000	\$1,850,763	\$2,575,254

If option 1 (rationalised option) is adopted by Council for stage 2 of the Shenton Avenue Iconic Road project there is still a shortfall of \$850,763. This has been included in the draft 2013-14 Capital Works budget for consideration.

All amounts quoted in this report are to be exclusive of GST.

Regional significance

Not applicable.

Sustainability implications

The iconic arterial road projects of the City's Landscape Master Plan will be a major resource in ensuring the protection of the local biodiversity of the City of Joondalup. These projects will contribute to the preservation of local biodiversity through the collection, propagation and mass planting of local iconic species, thus ensuring the preservation of local native plants. Showcasing the regions unique plants through the arterial road projects, as well as in other works under the City's Landscape Master Plan, will encourage the community to include local provenance plants in home gardens, all of which will enhance the availability of suitable habitat for local fauna.

Consultation

Not applicable.

COMMENT

Burns Beach Road was the pilot Iconic East-West Arterial Roads project and it has been landscaped to the full scope of the concept design referred to as the 'Premium' treatment. A review of the design and associated actual costs indicate that the costs can be significantly reduced by rationalising the design by limiting the cross panels or 'Premium' landscape treatment to nibs along the median such as at intersections and also to provide greater safety when undertaking maintenance on these higher speed roads by increasing the width of the concrete seam, back-of-kerb to 1200mm.

Burns Beach Road, as the northernmost boundary Iconic East-West Arterial Road, provides an entry statement to the City through the unique landscaping style applied to the median. Future options available for the remaining projects are applying a 'Rationalised' version of this 'Premium' treatment, or a more modified treatment for all the other Iconic East-West Arterial Roads.

VOTING REQUIREMENTS

Simple Majority.

OFFICER'S RECOMMENDATION:

That Council:

- 1 APPROVES the proposed rationalised concept design, being Option 1, for Stage 2 of the Shenton Avenue Iconic Roads project;
- 2 NOTES the listing of \$850,763 in the draft 2013-14 Capital Works budget for consideration for the completion of the Shenton Avenue Iconic Roads Project.

MOVED Mayor Pickard, SECONDED Cr Hamilton-Prime that Council:

- 1 **APPROVES the proposed rationalised concept design, being Option 1, for Stage 2 of the Shenton Avenue Iconic Roads project;**
- 2 **NOTES the listing of \$850,763 in the draft 2013-14 Capital Works budget for consideration for the completion of the Shenton Avenue Iconic Roads Project;**
- 3 **REQUESTS that a report be presented to a future Capital Works Committee meeting reviewing the Iconic East-West Arterial Roads Projects with the objective to significantly reduce project costs.**

It was requested that Parts 1 and 2 of the Motion be voted upon, with Part 3 being voted upon separately.

MOVED Mayor Pickard, SECONDED Cr Hamilton-Prime that Council:

- 1 **APPROVES the proposed rationalised concept design, being Option 1, for Stage 2 of the Shenton Avenue Iconic Roads project;**
- 2 **NOTES the listing of \$850,763 in the draft 2013-14 Capital Works budget for consideration for the completion of the Shenton Avenue Iconic Roads Project;**

The Motion was Put and

CARRIED (6/1)

In favour of the Motion: Cr McLean, Mayor Pickard, Crs Amphlett, Hamilton-Prime, Ritchie and Taylor.

Against the Motion: Cr Corr.

MOVED Mayor Pickard, SECONDED Cr Hamilton-Prime that Council:

- 3 **REQUESTS that a report be presented to a future Capital Works Committee meeting reviewing the Iconic East-West Arterial Roads Projects with the objective to significantly reduce project costs.**

The Motion was Put and

CARRIED (7/0)

In favour of the Motion: Cr McLean, Mayor Pickard, Crs Amphlett, Corr, Hamilton-Prime, Ritchie and Taylor.

Appendix 4 refers

To access this attachment on electronic document, click here: [Attach4agnCWC020413.pdf](#)

MOTIONS OF WHICH PREVIOUS NOTICE HAS BEEN GIVEN

Nil.

REQUESTS FOR REPORTS FOR FUTURE CONSIDERATION

Nil.

CLOSURE

There being no further business, the Presiding Member declared the Meeting closed at 6.37pm; the following Committee Members being present at that time:

Cr Tom McLean, JP
Mayor Troy Pickard
Cr Geoff Amphlett, JP
Cr Brian Corr
Cr Christine Hamilton-Prime
Cr Teresa Ritchie
Cr Philippa Taylor