WORKSHOP SUMMARY

1. WELCOME, WORKSHOP PURPOSE AND PROCESS
Linton Pike (workshop facilitator) welcomed participants to the workshop, outlined the process and explained that the workshop purpose was:

- To provide a project update and seek comment on the preferred public art inclusions.

The workshop agenda is provided at Attachment One.
A list of workshop participants and apologies is provided at Attachment Two.
Linton thanked all members of the CRG for taking the time to participate in the group.

2. PREVIOUS MINUTES AND ACTIONS ARISING
Comment was invited on the previous minutes of the last CRG Meeting.

- No changes were requested.

It was noted that Mark Antulov is no longer at Murdoch College with new contacts established with the College as a key project stakeholder.

The following actions arising from the previous meeting were reported:

<table>
<thead>
<tr>
<th>Action Identified at August 2012 Meeting</th>
<th>Response Recorded at November 2012 Meeting</th>
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<tbody>
<tr>
<td>Fiona Stanley Hospital traffic impacts in addition to existing traffic. Why not provide direct freeway access to the hospital especially in the longer term. Subsequent advice was that the potential provision of a direct link from the freeway was considered. There is limited distance to provide for this movement and any option such as this would not meet relevant standards and has been discounted as an option. The possibility of providing a link for northbound traffic from Fiona Stanley Hospital via Farrington Road was also raised for discussion. Carolyn will raise these issues with Chris Bebich (of DoP) to raise awareness of this issue as a regional planning consideration.</td>
<td>The issues were raised with Chris Bebich of the Dept of Planning. Advice was subsequently sent to CRG members with regard to the consultation program for the Murdoch Activity Centre Structure Plan being conducted by Department of Planning. Mark Presland has spoken with Lindsay Broadhurst (Main Roads WA) to discuss various queries he had about future road planning in the area. It is envisaged that any comments from interested CRG members regarding the future MAC plan and associated roads can be sent to DoP as part of the MAC consultation process. Mark is now continuing to liaise with Lindsay Broadhurst of MRWA. Key points – refer to attached plan provided at Attachment Three. MAC B Structure Plan out for comment now.</td>
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<td>Will a noise wall be provided on the eastern boundary of the hospice? This has been submitted to the Kwinana Freeway widening team and they will provide a noise wall in the area. Leanne requested details on the proposed wall location and asked that commitment be given to build both walls (South Street and Fiona Wood Drive) before road works commence as a continuous wall that links around the 90 degree bend in the area as a limestone wall. Carolyn to provide future upgrades. <strong>ACTION: Carolyn</strong></td>
<td>• Yaqoob and Chris have been liaising with the hospital regarding the amenity walls and have agreed to extend the South Street noise wall. • The wall solution is based upon the noise modelling report and subsequent negotiations. • Any additional wall provision will be delivered by St John of God Hospital (SJoG) at their discretion if they choose to do so. • We recognise the need for this project to close out the noise wall along Fiona Wood as part of this project with strong interaction needed to link with noise wall work by SJoG. • Enabling clearing will be required to the extent of a Bobcat bucket width along the line of the wall on the northern side of Murdoch Drive. • Once constructed the walls will be managed as follows:   - South Street walls by MRWA;   - Murdoch Drive walls by LGA;   - Wall truncation to be resolved by MRWA. • We will now modify the noise wall diagram to show the extent of noise wall funded by this project. <strong>ACTION: Yaqoob</strong></td>
</tr>
<tr>
<td>What local road closures will be required to enable construction to occur? There may be some impacts with partial road closures for a short time. Planned road closure details will be provided subsequently by Yaqoob. <strong>ACTION: Yaqoob</strong></td>
<td>• Highway Construction will advise affected communities prior to closures. • A high level summary of works will be provided later in this meeting with construction staging still under development. • Other local road closures may be required to enable some service and utility work and screen walls to be constructed. • South St and Murdoch Drive will remain open at all times. • Any closures will be subject of further input subsequently.</td>
</tr>
<tr>
<td>Will more input to the design be sought on local safety and security considerations associated with wall locations and extent with regard to blind spots or hidden areas? Yes additional work will follow to ensure good visibility results. <strong>ACTION: Chris</strong></td>
<td>• The design is finalised and approved for construction with lighting of amenity walls and wall overlap areas proposed to ensure good visibility. • No other options are planned but can be considered and the design process is driven by safety requirements. • A Safe Systems approach to the design has also been considered.</td>
</tr>
<tr>
<td>Action Identified at August 2012 Meeting</td>
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<tr>
<td>Will the power lines in the area be undergrounded? This is not known with regard to distribution lines and needs further consideration ACTION: Yaqoob</td>
<td>• The extent of existing power lines to be undergrounded is shown in yellow in the diagram below and was explained to the meeting. • There will be a temporary associated loss of power during the works. Outages are planned for the 9th December and 19th/20th January but only for short periods. The dates are subject to change. • Western Power will notify residents and others closer to the date. • Good communication links need to be established between Western Power and SJoG with advanced warning and planning. ACTION: Carolyn</td>
</tr>
</tbody>
</table>

3. PROJECT UPDATE / INTRODUCE HIGHWAY CONSTRUCTION
Yaqoob Siddiqui, Main Roads WA, noted the following key points;
- Highway Construction has been awarded the contract to complete the works since we met last;
- Service relocation work has been completed;
- Western Power work is underway for completion in December and into January 2013.
- Current planning is that Highway Construction will take possession of the site from 3rd December 2012 but we need to ensure that the Western Power work is done first and the site not obstructed by their equipment. Works will then commence subsequently.
- The works is planned for completion as a 12 month contract (for completion by November 2013) to align with Fiona Stanley Hospital opening.
4. HIGHWAY CONSTRUCTION PROJECT BRIEFING

Phil Barker, (Project Director/Operations Manager) Highway Construction, provided a brief introduction noting the following:

WHO IS HIGHWAY CONSTRUCTION?

Highway Construction is a Perth based civil engineering contractor that was founded in 1986. The company specialises in the project management of road and bridge construction contracts in Western Australia. We are currently completing the Kwinana Freeway widening project, also for Main Roads.

OUR TEAM

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phil Barker</td>
<td>Operations Manager</td>
</tr>
<tr>
<td>Cameron Lochran</td>
<td>Project Manager</td>
</tr>
<tr>
<td>Louise Richardson</td>
<td>Community Relations Manager</td>
</tr>
<tr>
<td>Vince Gionea</td>
<td>Traffic/Pedestrian/Cycle Manager</td>
</tr>
<tr>
<td>Dale Blackman</td>
<td>Project Engineer (Dilapidation Surveys &amp; Project startup)</td>
</tr>
</tbody>
</table>

CONTACT

Highway Construction
Louise or Hannah: 0423 220 353

Cameron Lochran provided Highway Construction’s project briefing noting the following:

- **Key Considerations For Construction**
  - School Children
  - Residents
  - Hospital Patients
  - Emergency Services
  - Pedestrian and cyclists
  - Traffic disruption

- **Proposed Mitigation Measures**
  - Minimise night works and advise of timings
  - Maintain traffic flows through careful planning of works
  - Trial of Traffic Management impacts
  - Early construction of amenity walls
  - Use of modified plant for noise and vibration

**Construction Update**

**Current & Completed Works**

Service relocations by Western Power
Smoking ceremony with traditional landowners for clearing works

**Upcoming Works – December 2012**

Trial traffic management installation
Setup project site office
Ongoing Western Power service relocations
Temporary widening works to central medians
Water & Sewer Relocations on northern side of South St (western)
A Smoking Ceremony was recently conducted in the south eastern quadrant of the intersection with Aboriginal community members.

PROGRAM
The programming of project work is currently being worked on with INDICATIVE timings detailed below:

DEC 12 – MAR 13 (Stage 1 & 2)
- South West Quadrant
- North West Quadrant
- Eastern Median Works

APR 13 – JUL 13 (Stage 3)
- North East Quadrant
- South East Quadrant
- Western Median Works

AUG 13 – OCT 13 (Stage 4)
- Medians

NOV 13 - NOV 13 (Stage 5)
- Final Resurfacing

The staging of works is INDICATIVELY shown below in diagrammatic form. The areas marked in red reflect the required works.
WHO IS IN THE COMMUNITY RELATIONS TEAM?:

- Louise Richardson (Manager)
- Hannah Mattock (Assistant)

EXPERIENCE

- Great Northern Highway
- Dampier Highway Duplication
- Kwinana Freeway Interchanges and Extension Upgrade
- Kwinana Freeway Widening and Upgrade
OUR ROLE
- The ‘go to’ for all enquiries relating to construction
- The interface between the project team and the public
- Within the CRG: update members

GUIDING PRINCIPLES
- Timely
- Accurate
- Responsive
- Accessible
- Accountable
- LISTENING

HOW WE DO IT
- Dedicated phone number 24 hours a day x 7 days a week (0423 220 353)
- Dedicated email address (communityrelations@soapboxpr.com.au)
- Advertisements in State and local newspapers
- Main Roads channels – Customer Information Centre, Traffic Operations Centre, Community Relations Officer, website
- On line – project website
- Newsletters/project updates
- Stakeholder database
- Enquiry and complaints register
- Direct mail

IDENTIFIED ISSUES AND OUR APPROACH TO MANAGING THEM:

Issue:
- Traffic congestion due to number of concurrent projects

Mitigation:
- Kwinana Freeway project due to be completed in January 2013
- Highway Construction was the contractor on the Kwinana Freeway project
- Implement trial Traffic Management
- Communicate with community and road users to advise on traffic management

Issue:
- Noise (particularly nightworks)

Mitigation:
- Nightworks only undertaken when necessary
- Advance notice provided to residents
- Early implementation of amenity walls (where possible)

Issue:
- Vibration from compacting rollers

Mitigation:
- Use of oscillating rollers
- Extension of property survey radius to within 100m of works
- Advance notice to community and stakeholders

Issue:
Possible increase in traffic volumes on ancillary roads

**Mitigation:**
- Identify potential ‘rat runs’
- Notify residents in areas likely to be impacted

**Issue:**
- Safe crossing for students

**Mitigation:**
- Effective and highly visible traffic management at peak school drop off and pick up times
- Visual map for students/parents/teachers showing safe route
- Ongoing liaison with school community

**Issue:**
- Impact on Quenda Wetlands

**Mitigation:**
- Ongoing liaison with environmental stakeholders
- Environmental Management Plan

**DILAPIDATION SURVEYS ARE PLANNED TO ESTABLISH THE CONDITION OF BUILDINGS IN PROXIMITY TO THE WORKS:**
- The survey is optional (but is advised)
- Initial letter requesting contact sent out Saturday 17 November 2012.
- Follow up letter will be sent for non respondents this week.
- Third and final contact attempt will be made by door-knocking any missing properties.
- Inspection company = Houspect
- Kwinana Freeway Project properties will receive an interim inspection (to clarify project responsibilities)

The Dilapidation Survey Catchment is shown diagrammatically below in red shading.
Working Together

- Please keep talking to us as questions or issues emerge!
- Focus on win/win outcomes
- Make suggestions
- Represent members of your community/organisation
- Hold us to account

Contact Us

Louise and Hannah
Communityrelations@soapboxpr.com.au
0423 220 353

5. FEEDBACK AND DISCUSSION: ISSUES AND OPPORTUNITIES

Issues/Opportunities raised for consideration include:

- Meeting cycle – monthly planned and tapping into existing communications networks through SJoG, Murdoch University, Murdoch College etc. Please tell us how best to communicate with your groups by 7th December 2012.
  
  ACTION: CRG Members

- Emergency access has many associated considerations. Leanne Milligan will talk with the Director Emergency Department at SJoG to agree protocols and likely frequency/volumes, etc.
  
  ACTION: Leanne

6. PUBLIC ART: ARTIST’S PRESENTATION

Alison Barrett explained that:

- Two artists presented to the previous CRG meeting for consideration; and
- Rick Vermey was subsequently appointed to provide the public art component of the project.

Rick Vermey presented the following key points.

- Corten steel is proposed as the material to be used for the public artwork. Corten is a rusted steel finish proposed at relevant locations as shown in the following images.
- In the south eastern quadrant 5 panels are proposed for the hospice wall and will be backlit at night using LED’s - white and coloured gradation.
- Dynamic colour change is also possible.
The preliminary and indicative north eastern amenity wall treatment is shown below.

The preliminary and indicative hospice amenity wall treatment is shown below.
7. FEEDBACK AND DISCUSSION

Subsequent discussion identified the following:

- Clarification was sought as to whether the artwork would obscure the traffic lights. Rick explained that they would not obscure the traffic lights and would only be a minor addition to the noise walls and not extending above the noise walls;
- Graffiti can be readily removed from the artwork as a natural rust finish on high tensile steel. If graffiti is sprayed on the artwork then solvent will clean it and rinsing will encourage the rusting process. Main Roads WA is responsible for ongoing artwork maintenance;
- An explanatory plaque will probably be located on each wall to help people understand and interpret the artwork and flora and fauna species;
- It was noted that the ground level in the north eastern corner is elevated above the road. The interface between the artwork and the landscaping will be important to ensure good visual outcomes result. Liaison has commenced with the landscaping designer and this will be a future meeting discussion topic. Fiona Stanley Hospital has a dedicated planting list and we should align with that. Alison to bring a concept for future comment via the Landscape Consultant.

**ACTION:** Alison

- Will the noise walls be coloured? Yes, with information available via the project website (to be advised).
- Integration of the artwork with the structural components is needed early in the process to ensure adequate provision is made for lighting and fixings. Each panel (1.1 x 2.4m tall) and will weigh around 275kgs;

**ACTION:** Cameron

- We also need to resolve if the flush or pier side of the walls will face the road to ensure good outcomes result.

**ACTION:** Cameron
• There may be an opportunity for the schools, college or university to provide input to the artwork design process and this is supported by Rick as the artist. Wilma added that Saint Ives would also be interested.

**ACTION:** Alison

• There is a memorial cross near the intersection of Murdoch Drive and South St that should be considered. Our first priority will be to avoid any disturbance of it. If disturbance is unavoidable we will temporarily relocate it and replace it at the end of the job as close to the current location as possible;

• MAC B Activity Centre reports are available via Gavin Ponton if CRG members are interested in getting a copy;

• The noise wall colour palette and wall interaction will be done in grey scale shades and will be a future discussion topic with Rick’s input. Great feedback has been received from the Kwinana Freeway coloured walls;

**ACTION:** Alison

• Laura, John and Gavin agreed to assist in the circulation of Project Newsletters by placing them in suitable public places.

8. **NEXT STEPS / NEXT MEETING**
The next steps in the process include:

• The next CRG meeting will be held in the new year and will be advised by Carolyn in due course.

The workshop closed at 7:10pm.
**PURPOSE:**
- To establish the Murdoch Drive / South Street Intersection Upgrade Community Reference Group and identify the priority considerations for the group.

### AGENDA

<table>
<thead>
<tr>
<th>START AT</th>
<th>ITEM</th>
<th>BY</th>
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<tbody>
<tr>
<td>5:00</td>
<td>Refreshments on arrival</td>
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<tr>
<td>5:05</td>
<td>Welcome, purpose and process</td>
<td>Linton Pike</td>
</tr>
<tr>
<td>5:10</td>
<td>Previous Minutes and Actions Arising</td>
<td>All</td>
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<tr>
<td>5:15</td>
<td>Project Update / Introduce Highway Construction</td>
<td>Chris Raykos / Yaqoob Siddiqui</td>
</tr>
<tr>
<td>5:20</td>
<td>Highway Construction: Project Briefing</td>
<td>Cameron Lochran Louise Richardson</td>
</tr>
<tr>
<td>5:50</td>
<td>Feedback and Discussion: Issues and Opportunities</td>
<td>All</td>
</tr>
<tr>
<td>6:15</td>
<td>Public Art: Artist’s Presentation</td>
<td>Alison Barrett Rick Vermei</td>
</tr>
<tr>
<td>6:45</td>
<td>Feedback and Discussion</td>
<td>All</td>
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<tr>
<td>7:00</td>
<td>Next steps / Next meeting</td>
<td>All</td>
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<td>7:00</td>
<td>Close</td>
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### ATTACHMENT TWO - WORKSHOP PARTICIPANTS

<table>
<thead>
<tr>
<th>NAME</th>
<th>REPRESENTING</th>
</tr>
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<tbody>
<tr>
<td>Mark Presland</td>
<td>Community member</td>
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<tr>
<td>John Logan</td>
<td>Community member</td>
</tr>
<tr>
<td>Jenny Croucher</td>
<td>Community member</td>
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<tr>
<td>Leanne Milligan</td>
<td>SJOG Hospital</td>
</tr>
<tr>
<td>Wilma Gardiner</td>
<td>Community - St Ives Retirement Village</td>
</tr>
<tr>
<td>Gavin Ponton</td>
<td>City of Melville</td>
</tr>
<tr>
<td>John Cameron</td>
<td>City of Melville</td>
</tr>
<tr>
<td>Laura Carew-Hopkins</td>
<td>Murdoch University</td>
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### Project Team

<table>
<thead>
<tr>
<th>NAME</th>
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<tbody>
<tr>
<td>Chris Raykos</td>
<td>(PD) MRWA</td>
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<td>Phil Barker</td>
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<td>Highway Construction</td>
</tr>
<tr>
<td>Yaqoob Siddiqui</td>
<td>(PM) MRWA</td>
</tr>
<tr>
<td>Carolyn Walker</td>
<td>(CWPR - Community Relations Manager)</td>
</tr>
<tr>
<td>Alison Barrett</td>
<td>(Art Consultant)</td>
</tr>
<tr>
<td>Linton Pike</td>
<td>(Facilitator) Estill &amp; Associates</td>
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ATTACHMENT THREE - Figure 17 from MAC Part A Structure Plan

The road upgrades around the MAC area are generally being undertaken in accordance with the MAC Structure Plan Part A (Feb 2007). It should be noted that the Part A Structure Plan was prepared when the extension of Roe Highway west of the Kwinana Freeway was not supported by Government.

The Figure below is taken from the Part A Structure Plan which outlines the likely staging of road improvements in this area. Note that the timeframes shown are around two years earlier than what is actually happening to reflect the planned completion of Fiona Stanley Hospital. The southern links are shown in this plan as being required before 2021 but this is dependent on future transport demand and funding availability. Main Roads is undertaking further investigations regarding the southern connection to the Kwinana Freeway.