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The infrastructure projects identified in the Gascoyne Regional Infrastructure Priorities 2011 Workshop Paper are based on existing unaudited information available from State agencies, utilities and departments. The infrastructure listed is not comprehensive and estimates of infrastructure, timeframes and costs are indicative only. Infrastructure identified is based upon the information available at the time of enquiry, and may be subject to review and change to meet new circumstances. Infrastructure identified in the draft Gascoyne Regional Infrastructure Priorities 2011 Workshop Paper should not be taken as a commitment by government to fund these projects in each and every case. Public funding of projects beyond the current financial year is generally not confirmed. Annual budget papers indicate infrastructure that has been funded by the government.
1 Introduction
There are a number of regional infrastructure needs, issues and opportunities that require consideration and prioritisation to assist in the development of the Gascoyne Regional Planning and Infrastructure Framework by the Western Australian Planning Commission.

The Gascoyne region’s infrastructure requirements have been identified and prioritised through a process involving consultation with relevant State government agencies and other regional stakeholders.

This paper outlines the proceedings and consolidates the outcomes of the Gascoyne Regional Infrastructure Priorities Workshop held on Wednesday 30 November 2011, at the Department of Planning in Perth. It refers to the projects as numbered initially for clarity but recognises that these projects will be renumbered once the priorities are finalised.

2 Workshop purpose and process
The purpose of the workshop was outlined in the agenda provided to workshop participants (Attachment 1) as to:
- Identify key regional infrastructure projects for the Gascoyne region for a two to five year horizon but in a long-term context.

The workshop was attended by members (or nominated representatives) of the Western Australian Planning Commission’s Gascoyne Regional Planning Committee and staff from the Department of Planning (Attachment 2).

2.1 Workshop preparation
In order to assist the achievement of workshop outcomes, workshop participants were provided with an agenda package a week prior to the workshop. The agenda package contained:
- a Project Summary List that outlined 59 suggested Gascoyne Regional Infrastructure Projects beneath broad infrastructure categories and proposed a level of prioritisation as the start point for workshop discussion; and
- a Project Description Table that provided additional information to support the Project Summary list.

The Project Summary List categorised the initial project list into four categories of prioritisation as outlined in Figure 1.

| Flagship | A project that is essential to the region and needs to be completed or be substantially progressed in the next five years |
| High priority | A project that will provide significant economic and/or social benefit to the region and is essential for regional growth |
| Medium priority | A project that will provide valuable economic and/or social benefit to the region and is important for regional growth |
| Low priority | A project that will provide some economic and/or social benefit to the region and will contribute to regional growth |

Figure 1: Project prioritisation categories
To prepare for the workshop, participants were asked to:

- review the Project Summary List to gain an understanding of the suggested projects and priorities, making reference to the Project Description Table where more information was desired;
- identify any suggested changes to the proposed priority lists with an emphasis on identifying ‘Flagship priority’ and ‘High priority’ projects;
- limit the number of suggested flagship priorities to less than five as a practical and achievable consideration to the five year horizon;
- identify any gaps in the project list noting that the workshop will review the list by exception – not review each project; and
- consider any critical enabling actions or associated implications in realising these projects.

2.2 Chairman’s introduction and scene setting

The Chairman of the Western Australian Planning Commission, Gary Prattley, welcomed workshop participants and set the scene for the workshop. He emphasised that the workshop was seeking to identify key projects that were of a regional, whole-of-government nature and which are important for future regional development in the Gascoyne.

The Chairman thanked everyone for their participation and welcomed open discussion.

2.3 Workshop outline

The facilitator outlined that the desired outcome from the workshop was a recommended list of Gascoyne regional infrastructure priorities. The list would then be presented to the Infrastructure Coordinating Committee for its consideration and be incorporated into the Gascoyne Regional Planning and Infrastructure Framework, which is currently being developed. Ultimately, the Framework, including the regional infrastructure priorities, will be presented to the Western Australian Planning Committee for endorsement.

To more effectively reach a consensus on the priorities, participants agreed to work as a single group rather than a number of smaller groups as indicated in the draft agenda. Projects were to be discussed in order of their proposed level of priority as outlined in the material provided as part of the workshop agenda package (refer Section 2.1), starting with the flagship and moving through high, medium and low priorities. Opportunity would also be provided to identify any additional projects for inclusion on the list.
2.4 Workshop background

The facilitator provided a summary of the process to date, noting that a preliminary list of infrastructure projects was presented to the Gascoyne Regional Planning Committee in June 2011 as part of the Committee’s consideration of the draft Gascoyne Regional Planning and Infrastructure Framework.

The preliminary draft list of infrastructure projects was revised in response to the Gascoyne Regional Planning Committee’s comments. This revised list was then used as the basis for consultation with relevant agencies between August and October 2011.

The list was subsequently updated and refined to inform the material provided in the workshop agenda package as outlined in Section 2.1; in order to provide a basis for deliberation and discussion at the workshop.

2.5 Workshop session 1 – to confirm or amend suggested flagship priority projects

Participants were asked to confirm or amend suggested flagship priority projects as identified in the workshop agenda package. The outcomes of this session are presented in Section 3.

2.6 Workshop session 2 – to confirm or amend high priority projects

Participants were asked to confirm or amend suggested high priority projects as identified in the workshop agenda package. The outcomes of this session are presented in Section 3.

2.7 Workshop session 3 – to confirm or amend medium priority projects

Participants were asked to confirm or amend suggested medium priority projects as identified in the workshop agenda package. The outcomes of this session are presented in Section 3.

2.8 Workshop session 4 – to confirm or amend low priority projects

Participants were asked to confirm or amend suggested low priority projects as identified in the workshop agenda package. The outcomes of this session are presented in Section 3.
3 Workshop outcomes

The following tables outline the list of regional infrastructure priorities for the Gascoyne region as agreed at the workshop.

<table>
<thead>
<tr>
<th>Flagship priority projects</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Road</strong></td>
</tr>
<tr>
<td>1 Construct western portion of Banksia Drive and carpark (Coral Bay)</td>
</tr>
<tr>
<td><strong>Other transport</strong></td>
</tr>
<tr>
<td>2 Expansion of Exmouth Marina</td>
</tr>
<tr>
<td><strong>Water and wastewater</strong></td>
</tr>
<tr>
<td>3 Carnarvon Flood Mitigation Strategy (Stage 2) – completion of works</td>
</tr>
<tr>
<td><strong>Science and communications</strong></td>
</tr>
<tr>
<td>4 Ningaloo Centre – regional scientific research, community and visitor centre</td>
</tr>
<tr>
<td><strong>Social planning</strong></td>
</tr>
<tr>
<td>5 New regional police and justice complex – Carnarvon</td>
</tr>
<tr>
<td>6 Carnarvon Hospital upgrade – including emergency department refurbishment, day surgery unit, new office accommodation and upgrade of plant and equipment</td>
</tr>
<tr>
<td>7 Exmouth Health Campus – new community and primary health centre</td>
</tr>
<tr>
<td><strong>Infrastructure planning</strong></td>
</tr>
<tr>
<td>8 Develop/review Gascoyne Regional Road Network Plan</td>
</tr>
<tr>
<td>9 New Carnarvon Airport relocation study</td>
</tr>
</tbody>
</table>
### High priority projects

#### Road

10. North West Coastal Highway upgrades; including (A) widen seal from Minilya to Barradale; and (B) seal shoulders on section Overlander to Wooramel

11. Minilya–Exmouth Road upgrades; including (A) widen under width sections between Minilya to Burkett Road; and (B) upgrades to other existing causeway crossings

12. Robinson Street (Carnarvon) upgrades; including (A) realign intersection at North West Coastal Highway; and (B) new roundabout at Babbage Island Road

#### Water and wastewater

13. Exmouth flood mitigation – completion of works at the Exmouth light industrial area and Mortis Street

14. Relocation of the Exmouth wastewater treatment plant

#### Energy

15. Gascoyne Underground Power Project – Carnarvon, Exmouth and Denham

#### Social infrastructure

16. New Coral Bay workers’ accommodation village

17. New aged care facility – Carnarvon

18. Carnarvon Regional Library and Art Gallery – upgrade existing library building and establish regional art gallery

#### Tourism

19. Inland Gascoyne Tourism Facilities; including (A) the development of a Wilderness Park Resort at Mt Augustus

20. Kennedy Range National Park visitor facilities – including development of campgrounds, walk trails and day use sites

#### Infrastructure planning

21. Gascoyne Regional Energy Strategy – to facilitate the delivery of regional energy infrastructure (including transmission and generation) to meet demand and support regional development. Potential renewable and alternative energy projects may be considered

22. Gascoyne Townsite Infrastructure Planning; including (A) Carnarvon; (B) Exmouth; (C) Denham; (D) Gascoyne Junction; (E) Coral Bay and (F) Monkey Mia

23. Learmonth Airport capacity review – including consideration of the airport’s capacity to accommodate international aircraft emergency landings, growth in regular passenger transit traffic and potential expansion of the oil and gas industry

24. Potential Issues arising from the Western Australia Regional Freight Plan – to lead the future development of the regional freight network to respond to growing economic needs

25. Carnarvon Artesian Basin Diversification investigation

26. Inland Gascoyne Road Infrastructure Planning – including (A) finalising a route between Mt Augustus and Paraburadoo, (B) Gascoyne River Crossing upgrade, and (C) an east-west road link between Carnarvon and Wiluna

27. Gascoyne Future Maritime and Boating Facilities Study; including planning for further development of Carnarvon Boat Harbour, requirements for cruise ship infrastructure at Exmouth and planning for other boating facilities within the region

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1 Priority subject to review should the Government commit to increased defence force presence in the region.
### Medium priority projects

**Road**

28. Yardie Creek Road upgrade

29. Ullawarra Road upgrade – seal from Gascoyne Junction to the eastern entrance of the Kennedy Range National Park

**Water and wastewater**

30. Carnarvon Artesian Basin Rehabilitation Project (Stage 3) – redrilling and capping of artesian bores

31. Exmouth borefield – new bores in southern legs 7 and 8

**Energy**

32. Upgrades to existing electricity transmission and distribution network; including upgrades to Exmouth borefield high voltage power lines

**Science and communications**

33. National Broadband Network – optical fibre rollout and next generation wireless coverage to Gascoyne towns

34. Regional Mobile Communications Project – improvements to mobile coverage at communities and along major roads

**Social infrastructure**

35. New aged care hospice – Exmouth

36. Carnarvon multi-purpose medical centre – construct new centre to assist in accommodating permanent and visiting practitioners

**Tourism**

37. Baiyungu Track – establish an adventure walking trail between Carnarvon and Exmouth

19. Inland Gascoyne Tourism Facilities; including (B) the development of tourist facilities at Cobra Bangemall Inn and (C) Lyons River Station

**Infrastructure planning**

38. Gascoyne Social Infrastructure Requirements study – including undertaking of asset mapping and service industry projections to determine social infrastructure requirements including in relation to health, education and training

39. Gascoyne Housing Affordability Requirements Study

40. Gascoyne Coastal Eco Tourism Accommodation Sites Investigation

41. Gascoyne Short Stay Accommodation Requirements Investigation

42. Identification of priorities and review of all Gascoyne airstrips
### Low priority projects

<table>
<thead>
<tr>
<th>Road</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>11 Minilya–Exmouth Road upgrades; including (C) new bridge at Lyndon River</td>
<td></td>
</tr>
<tr>
<td>12 Robinson Street (Carnarvon) upgrades; including (C) extend dual carriageway to North West Coastal Highway</td>
<td></td>
</tr>
<tr>
<td>43 Coral Bay Road upgrades – widen road and upgrade intersections</td>
<td></td>
</tr>
<tr>
<td>44 Sealing of Useless Loop Road</td>
<td></td>
</tr>
<tr>
<td>45 Kalbarri-Steep Point Road – finalise alignment and construct new road</td>
<td></td>
</tr>
<tr>
<td>Other transport</td>
<td></td>
</tr>
<tr>
<td>46 Shark Bay Airport – terminal upgrades</td>
<td></td>
</tr>
<tr>
<td>Social infrastructure</td>
<td></td>
</tr>
<tr>
<td>47 Former Overseas Telecommunications Site planning</td>
<td></td>
</tr>
<tr>
<td>Tourism</td>
<td></td>
</tr>
<tr>
<td>48 Shark Bay Conservation Reserves visitor access and facilities; including future access options to Peron Heritage Precinct</td>
<td></td>
</tr>
<tr>
<td>Infrastructure planning</td>
<td></td>
</tr>
<tr>
<td>49 Proposed Bejaling deepwater port – data gathering and engineering studies</td>
<td></td>
</tr>
</tbody>
</table>

2 Priority ranking subject to review should necessary triggers occur.
Attachment 1

Agenda

Gascoyne Regional Infrastructure Priorities Workshop
Gascoyne Regional Planning Committee

8:30am, Wednesday 30th November 2011
Venue: Room 3.32, Gordon Stephenson House, 140 William Street, Perth.

Purpose
Identify key regional infrastructure projects for the Gascoyne region to a 2 to 5 year horizon but in a long term context.

Workshop agenda

<table>
<thead>
<tr>
<th>Start at</th>
<th>Item</th>
<th>By</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30</td>
<td>Arrival</td>
<td></td>
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<tr>
<td>8:45</td>
<td>Commence Gascoyne Regional Planning Committee meeting</td>
<td>Gary Prattley</td>
</tr>
<tr>
<td>9:00</td>
<td>Workshop process and purpose</td>
<td>Facilitator</td>
</tr>
<tr>
<td>9:10</td>
<td>Chairman’s introduction and scene setting</td>
<td>Gary Prattley</td>
</tr>
<tr>
<td>9:20</td>
<td>Workshop session #1 – Confirm or amend suggested “Flagship priority” projects</td>
<td>Small groups</td>
</tr>
<tr>
<td>9:45</td>
<td>Workshop session #2 – Confirm or amend suggested “High priority” projects</td>
<td>Small groups</td>
</tr>
<tr>
<td>10:10</td>
<td>Workshop session #3 – Confirm or amend suggested “Medium priority” projects</td>
<td>Small groups</td>
</tr>
<tr>
<td>10:30</td>
<td>Morning tea</td>
<td></td>
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<tr>
<td>10:45</td>
<td>Workshop session #4 – Confirm or amend suggested “Low priority” projects</td>
<td>Small groups</td>
</tr>
<tr>
<td>11:10</td>
<td>Present back and agree up to 5 “Flagship” regional priorities</td>
<td>All</td>
</tr>
<tr>
<td>11:25</td>
<td>Next steps</td>
<td>All</td>
</tr>
<tr>
<td>11:30</td>
<td>Workshop close</td>
<td></td>
</tr>
</tbody>
</table>
Attachment 2

**Workshop participants**

Gascoyne Regional Planning Committee members and nominated representatives:
- Gary Prattley (Chair, Western Australian Planning Commission)
- Sean Collingwood (Department of Planning)
- Ronnie Fleay (local govt representative Shire of Exmouth)
- Dudley Maslen (local govt representative Shire of Carnarvon)
- Sue Hancock (Department of Environment and Conservation)
- Russell Simpson (Yamatji Marlpa Aboriginal Corporation)
- Declan Morgan (Department of Regional Development and Lands)
- Don Hammarquist (business representative)
- Rachel Telford (Tourism WA, on behalf of Renata Lowe)
- Tami Maitre (Gascoyne Development Commission, on behalf of Stephen Yule)
- Adam Maskew (Department of Water) - apology
- Cheryl Cowell (community affairs representative) - apology

Other participants:
- Katerina Neve (Department of Planning)
- Tristram French (Department of Planning)
- Martin Erlacher (Department of Planning)