MAJOR PROJECTS STATUS REPORT – WORKS & SERVICES

Brad Finegan: 1/3/81-22: #1690443v6

RECOMMENDATION:

That this report be noted.

INTRODUCTION:

The following update is provided on current major projects being managed by Project Services.

Project: GATEWAYS MEDIAN PROJECT

Project Client: Stephen Tyter

Project Manager: Andrew Baxter

Principal Contractor: Cairns Works

Head Consultant: N/A

Scope of Works:
- Project 1 - Upgrading of Mulgrave Road - East of McCoombe Street
- Project 2 – Beach Town Entrances off Captain Cook and Bruce Highways
- Project 3 - Landscaping of Mulgrave Road at Aumuller Street

Key Achievements

- Design complete for Mulgrave Road - McCoombe to Tills Street.
- Plans prepared for Mulgrave Road - Tills to Aumuller Street.
- Installation of central median lighting has been completed by DMR.
- Gateways works Draper to Jones complete.
- Approval from DMR for McCoombe St Intersection works received.
- Design complete for sections of Mulgrave Road from Creedy Street to Lyons Street.
- DMR has provided layout for the Aumuller Street intersection and landscape design of these works has been completed.
Issues

- DMR have provided plans for the Mulgrave Road upgrade works which will see lengthening of right turn lanes and removal of the small bauxite surfaced islands at the base of light poles.
- The finalisation of proposed median / island changes from McCoombe Street to Aumuller Street by DMR delayed the commencement of the next part of works which had 07/08 funding.
- Given future DMR changes to central median, only sections of the median will be upgraded as part of the Gateways project at this point in time.

Future Milestones

Project 1 – Mulgrave Road - East of McCoombe Street

- Works on the McCoombe St intersection by DMR completed with Council Gateways treatment commenced in June 2008 to be completed September 2008.

Project 2 – Beach Town Entrances at Highway junctions

- Design of improved Beach Town entrances at highway junctions is underway for construction at two locations subject to funding prioritisation.

Project 3 - Mulgrave Road - at Aumuller Street

- Aumuller Street intersection landscape works being designed with timing of construction subject to DMR intersection upgrade which should commence in September / October 2008.

Project 4 – Anderson Street - Landscaping

- Anderson / MacNamara intersection landscape work required to complete upgrade, subject to funding prioritisation.

Financial Data

2007/2008 Allocation $1m
Final Cost Estimate $1m

Project: DRAPER ROAD
Project Client: Stephen Tyter
Project Manager: Rick Thompson
Principal Contractor: CEC Group Ltd
**Design Consultant:**
Maunsell Pty Ltd - Design overview
Sinclair Knight Merz - Detailed design

**Scope of Works:**
Upgrade of Draper Road West and Draper Road East, and Draper Road / Bruce Highway Intersection in conjunction with land development by CEC Group on Draper Road West.
Draper Road East is funded from developer contributions and is being constructed by CEC under Contract No. 55201.
Draper Road West is being funded by developer contributions and some capital funds and is being constructed under Contract No. 55179.

The Draper Road / Bruce Highway Intersection Upgrade is to be constructed under an arrangement between Department of Main Roads (DMR) and CEC Group Limited. The project is being fully funded by CEC Group Pty Ltd with the only input from Council being in an overall design coordination role and a construction coordination role for DMR.

Note: Council’s role in this project has been completed with DMR now dealing with Developer and Contractor directly.

**Key Achievements**
- Council at the June 2007 Ordinary Meeting ratified the decision that the road construction services to be provided by CEC for Draper Road (East and West) are of such a specialised nature that it would be impractical or disadvantageous to Council to invite tenders.
- All detailed designs for all three portions have been completed.
- Contract document for Draper Road West executed.
- Draper Road West construction underway.
- Bruce Highway / Draper Road Intersection works commenced 20 August 2007.
- East Draper Road contract no. 55201 awarded to CEC Construction Pty Ltd, 5 February 2008 (contract value $1,670,055 excluding GST)
- East Draper Road construction works commenced February 2008.
- Undergrounding of Ergon electrical services has commenced.

**Issues**
- "Novation of Contract No. 55179" from CEC Group Limited to CEC Constructions Pty Ltd to be finalised. Agreed not to proceed.
- Access for NQ Rural Supplies to / from new East Draper Roadway has been resolved.
- Inclement weather through January 2008 to March 2008 affected progress on the West Draper and Bruce Highway Intersection and East Draper Road projects.
- Poor subgrade conditions and high water table at East Draper likely to require rock mattress treatment.
- Undergrounding of electrical services is likely to delay progress of work.
- Technical issues with water services relocations at East Draper Road have been resolved.

**Future Milestones**

- Complete construction phase West Draper Road *September* 2008.
- Complete construction phase East Draper Road *late September / early October* 2008.

**Financial Data**

- Cairns Regional Council will fund upgrade costs for Draper Road West and Draper Road East. CEC Development Pty Ltd to fund Draper/Bruce Highway intersection.

**Draper Road West (PCT 7684)**

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**Draper Road East (PCT9650)**

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**Project:** CATTANA WETLANDS

**Project Client:** Steve Tyter

**Project Manager:** Andrew Baxter

**Scope of Works:** Regeneration of the degraded land into a passive recreation site including carpark facilities, disability accessible boardwalks, walking tracks and revegetation.
Key Achievements:
- Q150 Legacy Infrastructure Program Funding approval received.
- Survey of site and geotechnical investigations complete.
- ARUP awarded design consultancy in September 2007.
- Concept finalised. Detailed design complete.
- Project tendered in June 2008.

Issues:
- Permit to clear vegetation from DNRW required to construct boardwalk through feather palm forest.
- Operational Works Permit required for reshaping of Lakes.
- Tender prices considerably exceeded available budget and reduced scope of works now being assessed for Stage 1 works.

Future Milestones:
- Construction of carpark and associated works to commence by Cairns Works August 2008.
- Tender closed August 2008.
- Construction completion February 2009 (heavily dependant on effects of wet season).
- Official opening tentatively February 2009.

Financial Data:

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Project: **AUMULLER STREET UPGRADE – SPENCE TO MULGRAVE**

Project Client: Stephen Tyter

Project Manager: Rick Thompson

Scope of Works: Aumuller Street upgrade to provide a 4 lane median divided road with central median lighting.
Key Achievements:
- Community consultation has occurred and some changes made to design to reflect feedback requested.
- Contract tendered and awarded to Cairns Works for an amount of $2,909,980.
- Works are underway with service relocations undertaken in April 2008 and roadworks commenced in May 2008.
- Major road construction activity is complete.
- Practical Completion inspection done on 5 August 2008.
- Construction work has proceeded very well.

Issues:
- Still some opposition to proposed 4 lane upgrade by local businesses due to loss of parking and some reduction in ease of accessibility to premises.

Future Milestones:
- Lighting and landscaping to be completed by late September 2008. 
  Note: Energising of lighting circuits subject to Ergon timelines.

Financial Data:

<table>
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<th>Description</th>
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Project: CBD FLOOD MITIGATION STAGE 2A & 2B
PROGRESS REPORT

Project Client: Stephen Tyter
Project Manager: John Burton
Principal Contractor: Cairns Works
Head Consultant: Maunsell Australia Pty Ltd
Scope of Works: Design and construction of Lake Street pump station, outlet works to Trinity Inlet, Hartley Street Stormwater drainage connection (Lake to Grafton), Grafton St Pump Station and Outlet and associated works.
Key Achievements

- Outlet works (Wharf St to Inlet) previously tendered late 2007, no tenders received.
- Report to Council November 2007 recommending engagement of Maunsell Australia to complete design, with construction by end 2008.
- Maunsell Australia design now 90% complete, pending electrical/generator supply location.
- Outlet works (Wharf St to Trinity Inlet) issued to Cairns Works for pricing May 2008, *tenders called by Cairns Works August 2008 closing September 2008.*
- All stormwater pipes for outlet works are currently stored in Cairns Port compound ready for installation.
- Pipes for remainder have been ordered, with delivery programmed for late July 2008.

Issues

- Delays in getting final documentation from Maunsell is impacting on timings for the works. As a result the gravity system will *not* be operational prior to the wet season.
- Previous lack of commercial interest in constructing the outlet structure under the wharf has resulted in delays.
- Electrical supply/configuration of Ergon sub station/generators currently being finalised. Availability of Ergon resources and timing for their works could impact on completion of a fully functional pump station.
- Detailed pricing is currently underway to allow extent of works to be ascertained with available budget.
- It is likely additional budget will be required to complete all works as planned.

Future Milestones

- Cairns Works to *award* tender for specialist contractors to construct outlet structure under wharf and sheet piling works *by end September 2008.*
- Commence construction during *October* 2008.
- Issue remaining documentation to Cairns Works for pricing by end *September 2008.*

Financial Data

- Budget approved for $5,579,894 - Equally funded by Federal, State Governments and Council.
- Adequacy of funding will be determined once final pricing/tendering is complete.
Project: **LAKE PLACID/CARAVONICA/KAMERUNGA FLOOD MITIGATION SCHEME**

**Project Client:** Stephen Tyter  
**Project Manager:** Andrew Baxter  
**Principal Contractor:** Cairns Works  
**Head Consultant:** N/A  

**Scope of Works:** Final Design and Construction of about 2700m of levees (including overflows and drainage outfall works along Lake Placid Road and the Western Arterial Road. Minor levees on Stoney Creek Road and behind Sandwich Street.

**Key Achievements**
- Surveys completed except for working survey (centreline and control for construction)  
- Public consultation successfully completed October, 2007 – (concept design).  
- Fauna and Flora Investigation and Report completed by Connell Wagner.  
- Cultural Heritage Investigation completed with Traditional Owners representative 2007.  
- Funding application prepared by Council (IM) and funding approved under the Commonwealth/State Regional Flood Mitigation Programme in 2006/2007 (2/3 subsidy). Department of Local Government confirmed availability of funding in 2008.

**Issues**
- 6 month delay by Connell Wagner in finalising the Concept Design Report has put the project behind schedule.  
- Council’s Design Office to do final design.  
- Cairns Works to construct the levee and other works.

**Future Milestones**
- Detailed design due September 2008  
- Community consultation *September* 2008.  
- Submit remaining Operation Works Permit September 2008.  
- Finalisation of construction works following wet season from April 2009.
Financial Data

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<td>Estimated cost to complete</td>
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BRAD FINEGAN  
Manager Project Services

JOHN HAWKES  
General Manager Works & Services