

10. AVON RIVER BRIDGE LIGHTING PROJECT

Officer responsible
Capital Projects Team Manager

Author
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The purpose of this report is to provide the Arts, Culture and Heritage Committee with an update on the lighting of the bridges on the Avon River.

REPORT PERIOD ENDING 30 SEPTEMBER 2003

INTRODUCTION

A programme for the design and installation of lighting for bridges over the Avon River has been established. The plan is to complete one bridge a year. Additional funding for bridge lighting has been obtained from Orion. At this stage it is proposed that the funding obtained be used to install lighting on the Victoria Street Bridge.

One bridge was completed in 2002/03.

The following programme has been proposed for the upgrade of the other bridges.

	Bridge	Year
1	Worcester Street	2003/04
2	Victoria Street	2003/04
3	Armagh Street	2003/04 - 2004/05
4	Bridge of Remembrance	2005/06 - 2006/07
5	Gloucester Street	2007/08 - 2008/09

Note that it is proposed that the work associated with the Bridge of Remembrance and Gloucester Street bridge be carried out over two financial years. This is due to the current budget allocation of \$30,000 per year. Refer to budget section below for details.

DESIGN DETAILS

The following details relating to the upgrade of lighting have been developed by the following team:

- Geoff English,
- Brent Smith,
- Tony Walker (Connetics)
- Brendan Smyth,
- Jeremy Hawkins and

The work proposed is based on several site visits which were used to identify the current situation and then suggest what would be an appropriate upgrade.

Worcester St Bridge

The extent of this project is:

- (a) Install eight flood lights mounted in four ground planted bollard to light the bridge faces from each corner, with no direct bridge attachment.
- (b) Remove existing ball luminaries and install new Bramar luminaries.
- (c) Remove existing flood lights.
- (d) Install LED lighting on internal bridge columns.

The existing lighting beneath the bridge has been repaired under maintenance and is working satisfactorily.

If approved, installation on this bridge would commence mid February 2004.

Victoria St Bridge

The design for this bridge has been completed. It is proposed that the work commence in November 2003, with completion before the end of the Orion financial year (March 2004).

Note: The lighting work on this bridge is being funded by Orion.

The Bridge of Remembrance

This currently has a lot of old lighting on it and needs significant upgrades. The extent of the work proposed is as follows:

- (a) Replace nineteen existing ball luminaries on the memorial itself and the surrounding poles.
- (b) Replace four existing in-ground floods lighting up the main columns of the memorial.
- (c) Install lighting beneath the bridge and lighting for the sides of the bridge.

Given the significance of this bridge, appropriate consultation is required prior to work commencing.

Gloucester St Bridge

It is proposed to light this bridge similar to the Worcester Street bridge. This bridge doesn't have any lighting on the sides or underneath the bridge. Therefore it is proposed to add this lighting. Allowance has been made for this in the budget.

Armagh Street Bridge

It is proposed to light this bridge similar to the Worcester Street bridge. This bridge doesn't have any lighting on the sides or underneath the bridge. Therefore it is proposed to add this lighting. Allowance has been made for this in the budget.

Colombo Street, Manchester Street and Madras Street Bridges

There have been no estimates completed for these jobs yet. They are several years down the track in terms of actual implementation. Development of budgets at this stage could well give a false impression of actual costs that may be necessary in the future.

Additionally, the Manchester Street bridge is dependent on fundraising being undertaken by David Bolam-Smith for the band rotunda and the rowing sheds. The Madras Street bridge is dependent on additions to the fire fighters reserve project.

BUDGET

The following money has been allocated for this project:

Financial Year	2003/04	2004/05	2005/06	2006/07	2007/08
Amount Budgeted CCC	\$54,000	\$30,000	\$30,000	\$30,000	\$30,000
Amount Budgeted Orion	\$80,000				

The following financial plan is proposed for the project. It is based on the estimates provided by Connetics for the work.

	Bridge	Estimate	Budget Source	Year
1	Worcester Street	\$50,000	CCC	2003/04
2	Victoria Street	\$55,000	Orion	2003/04
3	Armagh Street	\$52,000	CCC/Orion	2003/04 - 2004/05
4	Bridge of Remembrance	\$73,000	CCC	2005/06
5	Gloucester Street	\$55,000	CCC	2006/07

Note: Budget estimates for work in years 2004/05 and further out are to be confirmed when the detail design is completed.

SUMMARY

The design for the Worcester Street bridge lighting upgrade is complete. Design for the Victoria Street bridge lighting upgrade is also complete.

Orion have contributed \$80,000 towards lighting upgrades for the Victoria Street bridge and the Armagh Street bridge. Based on the estimates for the work, it is not possible to complete both bridges with this allocation. Therefore it is proposed that a cost share for the lighting on the Armagh Street bridge be applied.

Preliminary design work for the Armagh Street bridge has been completed. Given that the contribution from Orion is to be spent in the current financial year, it is considered appropriate to complete the design and then commit the balance of the Orion contribution. This could be achieved by purchasing the equipment this year. The installation of the work would be funded with the CCC budget allocation in 2004/05.

Staff

Recommendation: That the Arts, Culture and Heritage Committee:

1. Approve the proposed programme for the upgrade of lighting on the Avon River bridges.
2. Approve of negotiating a cost share between Orion and CCC for the lighting upgrade of the Armagh Street bridge.

Chairman's

Recommendation: Revised report not seen by Chairman.