

Officer responsible City Streets Manager	Authors Geoff English and Steve McNeill
Corporate Plan Output: Kerb and Channel Renewals.	

The purpose of this report is to consider the timing of kerb and channel renewal, and the possible underground conversion of services in the Charleston area.

BACKGROUND

The Charleston Residents Association has requested enhancement of the roads within this area. They would like the kerb and channel renewal work brought forward and the overhead wires undergrounded and street lighting upgraded at the same time.

There are no streets in the Charleston area listed for kerb and channel renewal in the 1998/99 Annual Plan. All streets in the area with existing kerbs and dished channels are currently programmed in the period between 2003/04 and 2005/06 and some will be listed in the 1999/00 Annual Plan.

In the 1998/99 Annual Plan an amount of \$26,600 has been allowed to upgrade the street lighting in some of the streets in the Charleston area using conventional street light fittings (decorative fittings would be considerably more expensive) and attaching them to the existing power poles. The attached plan shows the extent of this work. It is proposed to upgrade these streets to the lighting level a new residential subdivision would be lit to. This proposal will leave some streets in the area at the old standard. The cost to upgrade the remaining residential roads in the area is estimated at \$19,600. If underground conversion in conjunction with future kerb and channel renewal work can be funded then it may be preferable to put this money towards this improvement work.

ISSUES

The following estimates show the costs for kerb and channel renewal (including landscaping) and the additional costs for underground conversion and street light upgrading.

Lismore Street, Charles Street between Osborne Street and Ensors Road and Isabella Place do not have estimates for kerb and channel renewal because they already have kerb and flat channel. An estimate for undergrounding has been included, as these sections of road would complete the conversion of the area.

Road Name	Kerb & Channel Renewal	Undergrounding & Street Lighting	Total
2003/04			
Charles St - Wilsons to Osborne		166,000	166,000
Charles St - Osborne to Ensors	130,000	88,000	218,000
<i>subtotal</i>	<i>130,000</i>	<i>254,000</i>	<i>384,000</i>
2004/05			
Barbour Street	250,000	258,000	508,000
Osbourne St	440,000	248,000	688,000
Lismore St - Wilsons to Barbour		42,000	42,000
<i>subtotal</i>	<i>690,000</i>	<i>548,000</i>	<i>1,238,000</i>
2005/06			
Grafton St	470,000	258,000	728,000
Henry St	80,000	28,000	108,000
Laurence St	320,000	162,000	482,000
Grenville St	155,000	182,000	337,000
Short St	120,000	46,000	166,000
Frederick St	180,000	114,000	294,000
Isabella Pl		84,000	84,000
<i>subtotal</i>	<i>1,325,000</i>	<i>790,000</i>	<i>2,115,000</i>
Total	2,145,000	1,592,000	3,737,000

The undergrounding work would need to be funded as an enhancement project because these roads do not meet the City Streets criteria for such work. Additional funding would probably be required to allow for these costs.

It has also been suggested that the remaining Telecom overhead services in Wilsons Road between Ferry Road and Lismore Street be undergrounded as Orion's (Southpower) services are already underground. The estimated cost for this work is \$50,000. Because Wilsons Road is a collector route this work could be done as part of City Streets conversion programme when funds allow.

The current budget for City Streets underground conversion for 1998/99 and 1999/00 is not sufficient to keep up with undergrounding hierarchical roads in conjunction with kerb and channel renewals. In the following three years the budget is more realistic and will allow for some catch up work to be done, such as this section of Wilsons Road. The 1999/00 Annual Plan process will consider smoothing this budget to allow for a more consistent approach in the future.

OPTIONS

1. Upgrade the lighting as proposed in the 1998 Annual Plan and seek funding for the undergrounding of services in conjunction with the proposed kerb and channel renewal work. The lights installed as part of this year's upgrading could be reused with standard type street lighting poles and arms, if the undergrounding proceeds.
2. Defer the proposed lighting upgrading work and seek funding for the undergrounding of services in conjunction with the proposed kerb and channel renewal work.
3. Seek additional funding to bring the kerb and channel renewal programme forward.

Recommendation: For discussion and recommendation of an option (or combination) to the City Services Committee's budget planning meeting.

**Chairman's
Recommendation:** For discussion