

ROTHERHAM BOROUGH COUNCIL – REPORT TO MEMBERS

1.	Meeting:	Regeneration and Development
2.	Date:	2nd September 2013
3.	Title:	Bramley Crossroads LTP Works Ward 5 Hellaby and Ward 20 Wickersley
4.	Directorate:	Environment and Development Services

5. Summary

To report on a scheme of Local Transport Plan (LTP) works at Bramley Crossroads aimed at improving the current efficiency of the traffic signals and improving the condition of the existing carriageways on all approaches and the junction itself.

6. Recommendations

It is recommended that:

- (i) The content and the funding sources for the scheme be approved, and the scheme be implemented.

7. Proposals and Details

The road surface on all approaches to the traffic signal controlled junction is in poor condition, including the junction itself. There is significant rutting and areas of subsidence on the main carriageway and the traffic signal loop cables are exposed in the visible defects on Cross Street. All the vehicle detection loops on all approaches have failed such that the signals operate in a continuous cycle in fixed time, whether there are vehicles waiting to proceed or not. New detection loops cannot be cut due to the extents of the poor road surface condition. This has resulted in unnecessary delays to traffic, which causes extensive queues at peak periods and driver delay and associated frustration.

The whole of Cross Street, in addition to the approach to the Crossroads is in very poor condition and requires resurfacing.

A scheme of resurfacing works and new detection loops, together with any associated new ducting works, has been developed for implementation. The scheme will ensure that all areas of poor carriageway condition in the vicinity of the crossroads are resurfaced in this one scheme of works. The extent of the works is shown in plan form in Annex 1. The scheme includes the resurfacing of all of Cross Street.

The majority of the works will be undertaken at night during hours when traffic flows are low enough to allow single lane convoy style working. Cross Street and Flash Lane will be closed during these times and local diversions put in place. Works will be contained within only one main carriageway at any one time, such that Cross Street and Flash Lane will not be closed at the same time.

It is anticipated that the works will be undertaken during October this year.

Other resurfacing works to Bawtry Road to the east of Main Street towards the M18 motorway are also currently being developed for implementation by the Highway Network Management Group, and are likely to follow on from these works.

8. Finance

The works cost for the scheme is estimated to be £205,000 (excluding the Cross Street works). The LTP Integrated Transport (Network Management theme) budget (2013/14) will contribute £80,000 of this cost (together with the design of the scheme) with the remainder being met from the LTP Highways Maintenance budget (2013/14). The LTP Highways Maintenance budget will also fund all of the works to Cross Street, valued at £82,500.

9. Risks and Uncertainties

These works are essential to ensure highway safety and efficient management of the highway network and the traffic that uses it. Failure to act may result in increased levels of risk of injury and/or vehicle damage any associated claims for compensation, and a failure

by the Council to comply with its obligations under the Traffic Management Act 2004 to keep traffic moving as efficiently as possible.

10. Policy and Performance Agenda Implications

The scheme will ensure the immediate safety and efficient movement of all road users.

11. Background Papers and Consultation

Consultation has taken place with the Director of Financial Services.

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