

Leeds Report to the Chief Officer (Highways and Transportation)

Date: 24 May 2016

Subject: UTMC Electrical supply upgrade 2016/17

Capital Scheme Number : 32544

Are specific electoral Wards affected? If relevant, name(s) of Ward(s):	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Are there implications for equality and diversity and cohesion and integration?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Is the decision eligible for Call-In?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Does the report contain confidential or exempt information? If relevant, Access to Information Procedure Rule number: Appendix number:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

Summary of main issues

- 1 This report seeks approval to upgrade the existing mains supply for older traffic signal junctions to ensure that the connection to the supply is external from the traffic signal controller. This has been the standard over the last 10 years but controllers installed before this period still have the supply inside the controller housing.

Recommendations

- 2 The Chief Officer (Highways and Transportation) is requested to:
 - i) note the contents of this report;
 - ii) approve the proposal at the total cost of £15,000; and
 - iii) give authority to incur expenditure of £13,000 works costs and £2,000 staff costs, to be funded from the LTP Transport Policy Capital Programme (100% Government grant funding).

1 Purpose of this report

- 1.1 To seek approval for the transfer of the electric supply from inside traffic signal controllers at various locations.

2 Background information

- 2.1 Traffic signal installations over the past 10 years have always ensured that the incoming mains supply is installed in a separate cabinet next to the main traffic signal controller. However older sites still have the mains supply installed inside the cabinet. This causes maintenance and safety issues and it can cause problems in isolating the equipment, or allowing the electricity company access to their equipment.
- 2.2 The proposal would see SSE (Scottish Southern Electricity) transfer the mains supply to an external cabinet adjacent to the traffic signal controller which would allow safe isolation of the traffic signal installation.
- 2.3 Out of 648 traffic signals in Leeds 67 sites still have an internal power connection. It is hoped that 12 of these sites will be completed within the scheme. The exact cost cannot be determined until risk assessments have been carried out for switching off individual sites as some weekend/night working may be required.
- 2.4 The installation of external cabinets for the mains supply not only ensures that safe isolation can take place but will ensure that the existing traffic signal controller can be removed for major repair without the need to involve SSE to isolate the supply. If the signal controller needs to be replaced with new equipment in the future, the proposed work will make it easier.
- 2.5 The proposal will make maintenance easier and speed repairs, both for controller issues and safety in the event of pole knockdowns. The combined effect will be to reduce any congestion that results from signals not working.

3 Main issues

3.1 Design Proposals/Scheme Description

- 3.1.1 To ensure that traffic signal equipment can be isolated external to the traffic controller and provide safe working.
- 3.1.2 The work consists of the installation by SSE of external cabinets to house the mains supply and the transfer of the existing supply from inside the traffic signal controller.

3.2 Programme

- 3.2.1 It is proposed to start work as soon as approval is received. Work will continue throughout the financial year 2016/2017.
- 3.2.2 The target is to do 12 out of the 67 sites, depending on final costs.
- 3.2.3 The total works cost will be £13,000 with staff costs of £2,000.

4 Corporate Considerations

4.1 Consultation and Engagement

4.1.1 Consultation will not be undertaken as the signals will operate in the same way.

4.2 Equality and Diversity / Cohesion and Integration

4.2.1 A screening document has been prepared and an independent impact assessment is not required for the approvals requested. The screening document has been sent to the Equality Team to be approved and published.

4.2.2 Positive Impacts: the proposal will make the equipment safer to isolate from the incoming mains supply.

4.3 Council Policies and City Priorities

4.3.1 Environmental Policy: the introduction of more efficient traffic signal equipment translates to more efficient junctions/pedestrian facilities to the benefit of the environment.

4.3.2. The proposal contributes to the policies in the West Yorkshire Local Transport Plan as follows:

Proposal 1 - Prioritise asset management according to a hierarchy of key transport route networks and users that best supports the Plan

4.3.3 Mobility Policies: This work will not have any affect on mobility users..

4.3.4 Community Safety

4.3.5 The proposals within this report have no implications under Section 17 of the Crime and Disorder Act 1998.

4.3.6 Council Constitution

4.3.7 The proposals contained in this report do not have any implications in respect of the Council Constitution.

4.4 Resources and Value for Money

4.4.1 Scheme Design Estimate and Funding : The estimated total cost for this scheme is £15,000 consisting of £13,000 works costs and £2,000 staff costs, which will be funded from the LTP Transport Policy Capital Programme (100% Government grant funding). It is proposed to procure the equipment through the contract 3435 Supply & Installation of traffic signal equipment and contract 3430 West Yorkshire traffic signal maintenance.

4.4.2 Capital Funding and Cash Flow :

The estimated total cost of £15,000 will be funded from the LTP Transport Policy Capital Programme (100% Government grant funding), as part of the approved West Yorkshire Local Transport Plan - Implementation Plan 2 received on a quarterly basis from the West Yorkshire Combined Authority.

Previous total Authority to Spend on this scheme	TOTAL £000's	TO MARCH 2016 £000's	FORECAST				
			2016/17 £000's	2017/18 £000's	2018/19 £000's	2019/20 £000's	2020 on £000's
LAND (1)	0.0						
CONSTRUCTION (3)	0.0						
FURN & EQPT (5)	0.0						
DESIGN FEES (6)	0.0						
OTHER COSTS (7)	0.0						
TOTALS	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Authority to Spend required for this Approval	TOTAL £000's	TO MARCH 2016 £000's	FORECAST				
			2016/17 £000's	2017/18 £000's	2018/19 £000's	2019/20 £000's	2020 on £000's
LAND (1)	0.0						
CONSTRUCTION (3)	13.0		13.0				
FURN & EQPT (5)	0.0						
DESIGN FEES (6)	2.0		2.0				
OTHER COSTS (7)	0.0						
TOTALS	15.0	0.0	15.0	0.0	0.0	0.0	0.0
Total overall Funding (As per latest Capital Programme)	TOTAL £000's	TO MARCH 2016 £000's	FORECAST				
			2016/17 £000's	2017/18 £000's	2018/19 £000's	2019/20 £000's	2020 on £000's
Government Grant - LTP/TSG	15.0		15.0				
Total Funding	15.0	0.0	15.0	0.0	0.0	0.0	0.0
Balance / Shortfall =	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Parent Scheme Number : 99609

Title : LTP Transport Policy Capital Programme

4.4.3 **Revenue Implications** : There are no revenue cost implications re this scheme.

4.5 **Legal Implications, Access to Information and Call In**

4.5.1 The scheme is not eligible for call in because it falls below the relevant thresholds.

4.6 **Risk Management**

4.6.1 Failure to do this work will mean that major repairs at traffic signals could take significantly longer: replacement of aging traffic signals will require this work to be done before work on the signals can begin.

4.6.2 All works will be carried out in accordance with the Highways Agency's Code of Practice for Traffic Control and Information Systems (MCH 1869).

5 Conclusions

- 5.1 Moving the electricity supply connection external for traffic signals is of benefit to the maintenance of traffic signals and hence to ensuring smooth running of traffic in Leeds.

6 Recommendations

- 6.1 The Chief Officer (Highways and Transportation) is requested to:

- i) note the contents of this report;
- ii) approve the proposal at the total cost of £15,000; and
- iii) give authority to incur expenditure of £13,000 works costs and £2,000 staff costs, to be funded from the LTP Transport Policy Capital Programme (100% Government grant funding).

7 Background documents ¹

- 7.1 None.

¹ The background documents listed in this section are available to download from the Council's website, unless they contain confidential or exempt information. The list of background documents does not include published works.

Equality, Diversity, Cohesion and Integration Screening



As a public authority we need to ensure that all our strategies, policies, service and functions, both current and proposed have given proper consideration to equality, diversity, cohesion and integration.

A **screening** process can help judge relevance and provides a record of both the **process** and **decision**. Screening should be a short, sharp exercise that determines relevance for all new and revised strategies, policies, services and functions. Completed at the earliest opportunity it will help to determine:

- The relevance of proposals and decisions to equality, diversity, cohesion and integration.
- whether or not equality, diversity, cohesion and integration is being/has already been considered, and
- Whether or not it is necessary to carry out an impact assessment.

Directorate: City Development	Service area: Transport Policy
Lead person: Richard Tallant	Contact number: 2476760

1. Title: : Electric supply upgrade at traffic signals

Is this a:

Strategy / Policy
 Service / Function
 Other

If other, please specify

2. Please provide a brief description of what you are screening

The screening process looks at the safe method of providing an electric supply to traffic signals. Over the last 10 years a separate cabinet has always been utilised to house the incoming mains supply for traffic signals, at sites older than this the supply may have been installed inside the traffic signal controller, this makes safe isolation of the traffic signal controller impossible following an accident or refurbishment, the process will look to SEC to move the existing mains supply to a cabinet outside the traffic signal controller at various traffic signal locations.

3. Relevance to equality, diversity, cohesion and integration

All the council's strategies/policies, services/functions affect service users, employees or the wider community – city wide or more local. These will also have a greater/lesser relevance to equality, diversity, cohesion and integration.

The following questions will help you to identify how relevant your proposals are.

When considering these questions think about age, carers, disability, gender reassignment, race, religion or belief, sex, sexual orientation and any other relevant characteristics (for example socio-economic status, social class, income, unemployment, residential location or family background and education or skills levels).		
Questions	Yes	No
Is there an existing or likely differential impact for the different equality characteristics?	X	
Have there been or likely to be any public concerns about the policy or proposal?		X
Could the proposal affect how our services, commissioning or procurement activities are organised, provided, located and by whom?		X
Could the proposal affect our workforce or employment practices?		X
Does the proposal involve or will it have an impact on <ul style="list-style-type: none"> • Eliminating unlawful discrimination, victimisation and harassment • Advancing equality of opportunity • Fostering good relations 		X

If you have answered **no** to the questions above please complete **sections 6 and 7**

If you have answered **yes** to any of the above and;

- Believe you have already considered the impact on equality, diversity, cohesion and integration within your proposal please go to **section 4**.
- Are not already considering the impact on equality, diversity, cohesion and integration within your proposal please go to **section 5**.

4. Considering the impact on equality, diversity, cohesion and integration
If you can demonstrate you have considered how your proposals impact on equality, diversity, cohesion and integration you have carried out an impact assessment.
Please provide specific details for all three areas below (use the prompts for guidance).
<ul style="list-style-type: none"> • How have you considered equality, diversity, cohesion and integration? (think about the scope of the proposal, who is likely to be affected, equality related information, gaps in information and plans to address, consultation and engagement activities (taken place or planned) with those likely to be affected) <p>Wards will be consulted on the impact of traffic management during installation.</p>
<ul style="list-style-type: none"> • Key findings (think about any potential positive and negative impact on different equality characteristics, potential to promote strong and positive relationships between groups, potential to bring groups/communities into increased contact with each other, perception that the proposal could benefit one group at the expense of another)

None
<ul style="list-style-type: none"> • Actions (think about how you will promote positive impact and remove/ reduce negative impact) <p>Planning of works will be carefully coordinated.</p>

5. If you are not already considering the impact on equality, diversity, cohesion and integration you will need to carry out an impact assessment.	
Date to scope and plan your impact assessment:	N/A
Date to complete your impact assessment	N/A
Lead person for your impact assessment (Include name and job title)	N/A

6. Governance, ownership and approval		
Please state here who has approved the actions and outcomes of the screening		
Name	Job title	Date
Gordon Robertson	UTMC Manager	

7. Publishing	
This screening document will act as evidence that due regard to equality and diversity has been given. If you are not carrying out an independent impact assessment the screening document will need to be published.	
Please send a copy to the Equality Team for publishing	
Date screening completed	
Date sent to Equality Team	
Date published (To be completed by the Equality Team)	