



City of Westminster

Cabinet Member Report

Date	6th February 2017
Classification	For General Release
Title of report	Marble Arch Lighting Improvements
Report of	Stuart Love - Executive Director for City Management and Communities
Decision maker	Robert Davis - Deputy Leader & Cabinet Member for Business, Culture and Heritage
Wards involved	Knightsbridge & Belgravia
Policy Context:	The planned programme supports the City for All, objective in delivering a well-managed, high quality streetscape whilst protecting and enhancing Westminster's unique heritage
Financial summary	The estimated cost of the works to Marble Arch in this report is £160,000, including risk and contingencies.
Report author and telephone	Dave Franks – Asset and Infrastructure Manager (Bridges, Structures & Lighting) (extn 2040) Email: dfranks@westminster.gov.uk

1. Executive Summary

- 1.1 Marble Arch and the surrounding area was set out in its current layout in the 1960's and only included up-lighting which had long since failed through neglect. In 2010 a City Council led project returned the fountains to operational order and introduced new architectural up-lighting of Marble Arch. This project was delivered in discussions with English Heritage who wished to ensure that Marble Arch was illuminated at night.
- 1.2 Unfortunately the lighting systems have failed and cannot be repaired.
- 1.3 It is proposed to replace the architectural lighting equipment with new efficient white LED lighting which can deliver the same effect as the original design, with the additional enhancement of being able to provide a colour wash to support events as required. Colour illumination will be controlled remotely generally by the City Council service provider, FM Conway, on request. The new lighting systems will be incorporated into the Council's public lighting asset inventory and maintained by the City Council.
- 1.4 It is also proposed to upgrade the public highway surrounding the lighting to replace the damaged tarmac surface with York stone paving. This will enhance the look of the Arch.

2. Recommendations

- 2.1 It is recommended that approval be given for capital expenditure in the sum of £160,000 to replace the failed lighting at Marble Arch and upgrade the surrounding highway. These works will be funded from the City Management capital programme 17/18.

3. Reasons for Decision

- 3.1 To resolve the outstanding lighting failures at Marble Arch and implement a modern efficient and robust solution to light this important national monument.

4. Background information

- 4.1 Marble Arch is a 19th century white marble faced triumphal arch and a London landmark. The landmark was designed by John Nash in 1827 to be the state entrance to the court d'honneur of Buckingham Palace standing near to the famous balcony of Buckingham Palace.
- 4.2 Marble Arch was relocated in 1851 following the widening of Park Lane, and again in the 1960's to its current location on the large island at the junction of Oxford Street and Bayswater Road.
- 4.3 Marble Arch is used in ceremonial processions where the Royal Family and the Kings Troop, Royal House Artillery pass through the arch.

5. Proposed solution

- 5.1 The proposal is to remove all the existing failed illumination equipment, and install new LED lighting equipment sealed to IP68. While the existing lantern locations will be reused, replacement cabling and ducting will be required. Additionally, the worn highway surface around the lighting will be removed and replaced with York stone.
- 5.2 The new solution will be a simple white LED illumination with a colour tuneable function that will enable colour washing of Marble Arch providing the ability of applying colour for themed events.
- 5.3 The new lighting solution is a robust design and has been used successfully on the Edith Cavell and Henry Irvin statues on the Charing Cross Road. It will be added to the City Council's asset inventory register and be maintained through the public lighting annual routine maintenance contract.
- 5.4 Given the sealed nature of the installation, routine and reactive maintenance is largely expected to be for the control systems or mechanical damage from outside forces.

6. Financial implications

- 6.1 The estimated cost to undertake the lighting and associated highway repairs is £160,000 and includes the lighting, and controls and the reinstatement works. This will be funded through the City Management capital programme. Discussions are ongoing with the Marble Arch BID to secure a contribution toward the overall costs of the works.
- 6.2 The on-going revenue obligation is as follows:
- Routine Maintenance
 - Routine Inspection (minimum 2 yearly)
 - Electrical Testing (maximum 6 yearly)
 - Cleaning (maximum 2 yearly)
 - Reactive Maintenance
 - Energy
- 6.3 Maintenance costs are estimated at £1,800 per annum and will be contained within existing budgets.

7. Programme

- 7.1 The works will take approximately 12 weeks to deliver from the commencement of the project, with site preparation and equipment procurement running together as the equipment housings are an off the shelf items, however the lanterns themselves are on a 8/10 week lead time, and the final two weeks will be commissioning and set up of lighting & control equipment

8. Legal implications

8.1 The City Council, as local highway authority, has a duty under the Highways Act 1980 to ensure the effective maintenance and management of the Council's highway and highway assets (including lighting), and that they remain safe and effective.

The proposed highway and lighting work detailed in this report helps discharge the Local Highway Authority's duty in this respect.

9. Staffing Implications

9.1. There are no staffing implications arising from this report.

If you have any queries about this report or wish to inspect any of the background papers, please contact: Dave Franks, Asset Manager (Bridges, Structures & Lighting) – email dfranks@westminster.gov.uk

For completion by Cabinet Member for Business, Culture and Heritage

Declaration of Interest

I have <no interest to declare / to declare an interest> in respect of this report

Signed: _____ Date: _____

NAME: Councillor Robert Davis MBE DL

State nature of interest if any

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(N.B: If you have an interest you should seek advice as to whether it is appropriate to make a decision in relation to this matter)

For the reasons set out above, I agree the recommendation(s) in the report entitled:

“Marble Arch Lighting Improvements”

Signed.....Date.....

Councillor Robert Davis MBE DL - Deputy Leader & Cabinet Member for Business, Culture and Heritage

If you have any additional comment which you would want actioned in connection with your decision you should discuss this with the report author and then set out your comment below before the report and this pro-forma is returned to the Secretariat for processing.

Additional comment:
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NOTE: If you do not wish to approve the recommendations, or wish to make an alternative decision, it is important that you consult the report author, the Director of Law, the City Treasurer and, if there are staffing implications, the Director of People Services (or their representatives) so that (1) you can be made aware of any further relevant considerations that you should take into account before making the decision and (2) your reasons for the decision can be properly identified and recorded, as required by law.

NOTE TO CABINET MEMBER: Your decision will now be published and copied to the Members of the relevant Policy & Scrutiny Committee. If the decision falls within the criteria for call-in, it will not be implemented until five working days have elapsed from publication to allow the Policy and Scrutiny Committee to decide whether it wishes to call the matter in.