

WESTMINSTER CITY COUNCIL

STATEMENT OF DECISION

SUBJECT: ELEVATED HARROW ROAD BRIDGE – REPLACEMENT OF CATHODIC PROTECTION

Notice is hereby given that , Cabinet Member for Environment and City Management, has made the following executive decision on the above mentioned subject for the reasons set out below.

(
A Cathodic Protection system protects a structural asset from corrosion. The Cathodic Protection system on the Elevated Harrow Road Bridge is life expired and needs replacing
)

Summary of Decision

Recommendations

That the Cabinet Member for Environment & City Management approved the detailed proposals to replace the **Cathodic Protection on the Elevated Harrow Road Bridge** at an estimated gross cost of **£2,400,000**.

Reasons for Decision

The Elevated Harrow Road Bridge underwent major repairs in 2002/03 because the steel reinforcement in the concrete beams and columns supporting the main bridge deck had corroded so severely that its capacity to carry modern highway loading was at risk. The A40 Westway above, which is supported by the EHR, was also placed at risk. Severe corrosion was noted in the structure in the late 1990's some 25 years after the bridge was opened. The 2002/03 scheme included the installation of the of the first Cathodic Protection system for the bridge.

Cathodic Protection is a controlled electrochemical process explained in more detail in Section 5 of this report. The Cathodic Protection is an essential protective measure for the bridge, the system installed in 2003 has now reached the end of its serviceable and needs replacing.

The existing system has been protecting the bridge for over 15 years, currently there is no evidence of significant corrosion in the bridge suggesting the Cathodic Protection has been fulfilling its function. An upgraded Cathodic Protection system should protect the bridge for another 15 to 20 years thus minimising the requirement of major repairs.

Reasons for Decision

**Stuart Love, Chief Executive,
Westminster City Hall,
64 Victoria Street
LONDON SW1E 6QP**

Publication Date: 26 September 2018

Implementation Date:

Reference: