



PROJECT BRIEF

City Transport

Project Details

Project Number	ST315002
Project Name	Harbour condition surveys
Project Manager	Patrick Goody
Project Sponsor	John Roy

Document Details

Version	Status (Draft or Approved)	Date	Author/Editor	Details of changes
1	Approved	03/04/2018	M Sugden	

Background

Bristol's Floating Harbour forms an integral part of Bristol City Centre and provides a focus for wide variety of commercial, business and leisure uses. The harbour extends west from Netham Lock along the Feeder Canal and through Bristol City Centre to Cumberland Basin. The Council is a significant landowner and asset owner in and around the Floating Harbour as well as the statutory Harbour Authority and Highways Authority. The responsibility for the maintenance and operation of many of the assets falls under the City Docks, Highways, Flood and Museum Departments. Many of these assets are essential and their failure could be significant, including the loss of strategic public highway, dockside safety, public amenities and tourist facilities, heritage, and flood risk management.

The knowledge of the condition of assets in and around the Floating Harbour is fragmented. In July 2014, Cabinet approved the decision to progress developing an asset management plan for the Floating Harbour as a component of an emerging tidal flood risk strategy for the city. Safeguarding the Floating Harbour's ability to manage tidal overtopping through asset management is a key short-term action.

Objectives

The project objectives are to:



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Deliver appropriate condition surveys of assets targeted on those whose failure would have a high impact and whose condition information the Council has a low confidence in

Programme

11/2017 – 03/2018	Project start-up and planning phase (complete)
02/2018	Vegetation management phase 1 (complete)
03/2018 – 04/2018	Priority condition surveys
06/2018 – 08/2018	Procurement
09/2018 – 01/2019	Condition surveys (including vegetation management phase 2, 09/2018 – 10/2018)
02/2019 – 03/2019	Reporting and project delivery

Scope

The project will collate a comprehensive list of assets within the Floating Harbour and develop a prioritised programme of condition surveys based on an initial assessment of those assets with a high impact of failure and a low confidence in condition knowledge. Asset surveys will provide a baseline understanding of the condition of the assets. The baseline condition survey will be the foundation for a future asset management strategy.

Implementation of the asset management strategy is outside the scope of the current project. Reactive investigation of assets which fail midway through the project and any design of remedial works is excluded

Location

The project includes the Floating Harbour/New Cut from Cumberland Basin to Netham including Spike Island as shown in the plan below

Location



Deliverables

- Schedule of assets, criticality and condition confidence
- Map of Floating Harbour assets
- Procurement strategy
- Asset condition information from specialists on each asset

Benefits

The project will provide a prioritized programme of condition surveys. These baseline condition surveys will allow the Council to build on the emerging asset management approach of Highways and over time change from a reactive maintenance regime to a regime of prioritised planned inspection and maintenance. The Corporate Strategy recognises the positive health effects of good quality built environment. The floating harbour forms an important part of the city centre's built form and is a key destination for citizens, tourists and businesses alike. It sustains a diverse range of species including otters and is home to many residents of Bristol that live on house boats. The proposals will benefit the city by playing its part in sustaining this key asset long in to the future

Stakeholders

The project consists of engineering condition surveys of existing assets only; as such stakeholder involvement is limited to organisations with a legislative authority / interest.