PURPOSE OF REPORT

To present an update in relation to the Metrolink Capital Programme.

RECOMMENDATIONS

Members are asked to:

- Note the progress made on the Tram Management System (TMS) programme, Second City Crossing (2CC), Trafford Park Line (TPL) and Renewals and Enhancements Programme.

BACKGROUND DOCUMENTS

Capital Projects and Policy 10 February 2017; 24 March 2017; 24 April 2017; 23 June 2017; 01 September 2017; and 13 October 2017.

CONTACT OFFICERS

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1. Introduction

1.1 The report updates Members on the progress to date on the Metrolink Capital Programme, including the work on the extensions and the enhancements to the existing network.

1.2 Details of progress on the individual projects are set out in the following sections.

2. Tram Management System (TMS)

2.1 A disruptive possession was utilised on 29 October 2017 to undertake works required at Victoria Station. This included changes to signalling infrastructure, which concluded with dynamic testing of trams to demonstrate that the works had been implemented correctly. The tests were completed successfully with no significant issues observed.

2.2 Further successful testing has continued at Victoria Station, which has resulted in operational handover to KAM (Metrolink Operator) who have now commenced driver training, which is planned to be completed by the end of 2017.

2.3 Lessons learnt workshops are due to be held over the coming weeks to review the activities and processes that were adopted for the Victoria Station works. The outcomes of these workshops will be used to refine the overall integrated TMS delivery schedule in order to provide increased delivery confidence.

2.4 Further works are planned on the Bury and Altrincham lines during 2018 and will be undertaken once Victoria Station is brought fully into use. Once the final sections of the original Metrolink signalling system have been replaced by TMS control, the removal of the legacy signalling system can also be undertaken.

3. Second City Crossing (2CC)

3.1 Defects correction and remedial works continue to be progressed with Network Rail around Victoria Station and the area that interfaces with the 2CC project.

4. Trafford Park Line (TPL)

4.1 Access has been secured to the majority of land required to facilitate the scheme, permitting substantial phased enabling and main construction works (utility diversions, demolition, accommodation works, highway re-alignment
etc) to continue to be undertaken in accordance with the accepted delivery schedule.

4.2 The legal and commercial process relating to the occupation of land in both the temporary (construction) and permanent (operation) scenarios is continuing to be negotiated by TfGM, at a senior level where necessary, and this will continue over an extended period due to the complexity and number of land interests.

4.3 Significant progress has been achieved in the following areas: utility diversions have been completed in three of the six construction sections including completion of the diversion of Extra High Voltage (EHV) electricity cables at Barton Dock Road; substantial highway works including the south east widening of Peel Circle; completion of demolition of Westinghouse Point (adjacent to Parkway Circle); whilst concrete structure works to support the new Pomona viaduct are continuing.

4.4 Significant temporary Traffic Management (TM) arrangements have been implemented in order to safely and efficiently deliver the TPL extension with changes to the temporary TM arrangements proactively communicated to businesses and stakeholders in a variety of ways (stakeholder meetings, weekly TM emails, Variable Message Signs (VMS), social media) etc.

4.5 Engagement is ongoing with Trafford Council, Highways England, local businesses and stakeholders with particular focus on the performance of the temporary TM solutions and any potential required changes in the run up to the festive period.

4.6 Subject to continued satisfactory progression, in accordance with the accepted delivery schedule, the TPL extension will become operational during 2020.

5. **Renewals and Enhancements Programme**

5.1 An OJEU compliant procurement exercise has commenced in order to create a TfGM Renewals Framework of construction companies representative of the required specialisms to work across the Metrolink network in the future.

5.2 Significant interest was generated through the Pre Qualification Questionnaire (PQQ) process, with evaluation of the submitted documentation currently being concluded by TfGM.

5.3 The outcome of the PQQ evaluation is to be notified to bidders imminently with Invitation to Tender (ITT) documentation to be issued to shortlisted bidders thereafter. Tender responses to the ITT and subsequent evaluation by TfGM will be undertaken in early 2018.

5.4 In relation to current activity, works are ongoing at the Crumpsall Metrolink Stop and continue to progress in accordance with the agreed delivery
schedule. A 27 hour disruptive possession was utilised on the 29 October 2017, during which 22 new ramp units for the proposed at grade crossing were lifted into position and foundation bases for new Overhead Line Equipment (OLE) poles were cast. Construction activity is now focussed upon associated ducting, drainage, lighting and bonding works.

5.5 A further disruptive possession will be required for the demolition of the existing footbridge at the Crumpsall Metrolink Stop and potential dates are currently being explored with KAM (Metrolink Operator) to coordinate with other planned works on the network to minimise disruption to passengers. Subject to continued satisfactory progression, the works are planned to be completed by spring 2018.

5.6 In addition, remedial works are continuing at various sites along the Eccles Line and follow on from re-railing works that were undertaken during 2016. These works are predominantly being undertaken during engineering hours in order to minimise disruption to passenger services and include: the removal and replacement of concrete shoulders and kerbs; installation of flexible jointing material (adjacent the rail); installation of new drainage; and the reinstatement of affected block paving. The works are currently forecast to be completed in early 2018.

6. Recommendations

6.1 Please see front page of this report.

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