

TRANSPORT FOR LONDON

BRIEFING NOTE

Subject: Weekly Mayoral update on Crossrail / Elizabeth line

Date: 6 December 2018

Manifesto commitment(s)

Not applicable

Mayor's Transport Strategy (MTS)

A good public transport experience

Proposal 57: The Mayor, through TfL, will work with the DfT to open the Elizabeth line in 2019, with services initially providing 24 trains per hour through central London and increasing in frequency during the 2020s as demand requires.

1 Purpose

- 1.1 Weekly update to the Mayor outlining progress and challenges ahead of the launch of the Elizabeth line.
- 1.2 The Mayor is asked to **NOTE** this briefing.

2 Overall programme

- 2.1 The Master Operational Handover Schedule (MOHS), was completed on 30 November 2018 and was discussed by the CRL Board on 5 December 2018. It is also due to be discussed at the Sponsor Board on 10 December 2018. In addition to Stage 3 delivery the MOHS includes revised target date ranges for delivery of Stage 2 Phase 2, Stages 4 and 5 and potential for a Stage 5a (services running from Paddington (high-level) to Reading). [REDACTED] dates for critical activities and key milestones will continue to be used to drive contractor performance.
- 2.2 The December MOHS covers the key activities required to deliver the full end to end railway. However, further work will be needed to gain:
 - o Complete clarity on stations, shafts and portals Stage Completion dates;
 - o Further integration of software configuration dates between BT and Siemens;
 - o Further work to ensure [REDACTED]s (communications and control systems) programme is integrated with other contracts as efficiently as possible; and
 - o Additional review of [REDACTED] (systemwide) routeway installation schedule.
- 2.3 In addition, urgent work is underway to consider in greater detail the functionality required for ensuring an Elizabeth line service can commence before [REDACTED]



3 Safety

- 3.1 All sites have continued with their “Finish Safe” campaigns to ensure that all teams are reminded of the paramount importance of conducting all work safely.
- 3.2 Last week there were no reportable incidents, lost time cases or high potential near misses.

4 Weekly progress reporting:

- 4.1 CRL is finalising its weekly dashboard for sharing with its Executive, Board and Sponsors. The draft final version was shown to the Deputy Mayor last week.

Testing and Commissioning

- 4.2 The next testing window will take place from 7 to 10 December 2018. This will be an important precursor to main dynamic testing which is due to commence by 14 January 2018.
- 4.3 The independently-chaired readiness group will meet again on 12 December 2018.

Systems integration

- 4.4 The recommendations in the report for CRL by PA Consulting on systems integration are now being taken forward. PA Consulting has produced an implementation plan for CRL to take forward its recommendations particularly around enhancing programme integration. Some of the other recommendations relate to introducing revised structures, processes, governance and accountabilities. CRL has also commenced reconfiguration of existing staff that will form part of a new systems integration directorate as well as developing recruitment plans for new positions.

5 Train production and testing

- 5.1 BT have submitted their revised programme for Heathrow and it is currently being reviewed by TfL. The programme was revised to optimise use of test facilities (rigs and track) and seeking additional specialist resource to cover two overlapping workstreams (the extended period of dynamic testing in the central tunnels and finalisation of Heathrow software).
- 5.2 A joint TfL and Bombardier Weekly Report with a detailed update on progress will be provided next week.

6 Stations

- 6.1 The new delivery schedule includes Tier 1 Substantial Demobilisation dates (TOSD), staged completion and handover dates for the stations. Several of the forecast dates for these items have slipped against the [REDACTED] dates in the remedial action plan presented to Sponsors and were challenged during finalisation of the MOHS. However, further work will be needed to gain complete clarity on stations, shafts and portals staged completion dates which are critical to the standing up of the infrastructure managers and readiness for trial operations and passenger services.



7 Network Rail (NR) works

Stage 5:

- 7.1 NR is planning to present three funding papers to the NR/DfT portfolio Board meeting this week covering the [REDACTED] for the six western station enhancement works, cost pressure on other core contract activities and allocation of funds from Control Period 6 which commences 1 April 2019.
- 7.2 Pending progress on the funding issues above, NR has not yet [REDACTED] [REDACTED] for Package 3 (Southall, Hayes, and West Drayton). The [REDACTED] for Package 2 (Acton, Ealing Broadway and West Ealing) have also [REDACTED]
- 7.3 NR is continuing its enabling works on western stations to assist in maximising use of the Christmas works period by contractors.
- 7.4 Ilford and Romford station upgrades are fully funded and enabling works will be undertaken at Christmas. Detailed design is complete and the early contractor involvement process has been carried out. The contractor for Ilford has been requested by NR to revise the baseline schedule to deliver the works due to the previous use of inaccurate possession information.
- 7.5 NR remains publicly committed to delivering these station upgrades by December 2019. However, stakeholders have been informed that completion of Ilford and Romford station upgrades is now expected in 2020. In addition, deliverability concerns for the approved canopy at Ealing Broadway are being discussed.
- 7.6 In advance of the Mayor's meeting with NR CEO Andrew Haines, CRL is meeting NR senior managerson 5 December to stress the importance of delivering the outstanding On Network Works including enhanced stations and power upgrades required for Stage 4 and will impress upon them the importance of awarding Packages 2&3 and a funding allocation from Control Period 6 as well as working with CRL on possession requirements.

8 Approvals for each stage

- 8.1 The schedule of submissions and approvals required forms part of the revised delivery schedule.

