
From: Tom Hickman
Sent: 09 August 2010 08:03
To: Hazel Kennedy; Michael Jesuarul; Clare Norman
Subject: RE: PD Report

Hazel,
Please see comments below.

Regards,

Tom Hickman
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From: Hazel Kennedy
Sent: 05 August 2010 11:13
To: Michael Jesuarul; Clare Norman
Cc: Tom Hickman
Subject: PD Report

Dear All,

Can you please update the report below and return to me by 1500 hours Tuesday 10th August 10.

Programme

- The period 05 forecast is based on BSC report 3-5 received 06-Aug-10. BSC have reverted to reporting progress against the agreed Rev.1 contractual programme, although BSC continue to refer to MUDFA Access dates advised in February 2010 as being the "known access dates" and are ignoring the GIS Access Maps issued weekly.
- This shows an OFRS date of 14 July 2013 against the contractual Rev.1 programme date of 06 Sep 11 and reports a 47 day slippage in the 53 day period since the Rev.1 programme was last reported against.

- The key differences to the Sectional completion dates are
 - A – BSC report sectional completion “A” some 48 days later than **tie** which is being driven by the installation of workshop equipment in the depot building. The tie programme is driven by the completion of access roads, with the Depot building workshop equipment being installed approx. 3 months earlier than that forecast by BSC
 - B – BSC report this being dependant on the completion of overhead catenary line in section 7, with tie reporting this activity being complete some 2 months earlier and the Sectional B completion being dependant on completion of tram testing.
 - C – BSC report this as being dependant on the completion of the on-street section (by approx. 2 months) particularly through Cathedral Lane Sub-station and Section 1A catenary. **tie** Live programme indicates section 5A catenary although it is recognised that this is delayed through preferential logic by Section 5A track and Section 1B catenary.
- BSC have reported that the critical path runs through
 - MUDFA completion in Sections 1A-D and hence access to the works; road & track works
 - 1A at Ocean Terminal;
 - 1B at McDonald Road/Brunswick Road;
 - 1C at Picardy Place;
 - 1D at Haymarket ;
 - catenaries line Section 1C

There are various areas within sections 1A-1B-1C and 1D where access is available to BSC which are not being progressed.

Programme

The following section will be updated by **Michael** and **Clare**

Infraco

- Works within the City Centre have recommenced with snagging & OLE remedial programme on Princes Street and the Scottish Water works at the Crawley Tunnel are progressing and will complete at the end of period 4
- Clancy Dowcra has completed the majority of works at Haymarket (excepting BT cabling work & snagging works). Similarly, the majority of CD works at York Place are now complete - with the exception of the SW abandonments (which are reliant on the completion of the SW works at the Crawley Tunnel), snagging & BT cabling.
- Clancy Dowcra have completed the TM rationalisation in the Haymarket area and are targeting final work on the Western Approach Road on 19/07/10 (delay due to delivery of materials). CD are programmed to complete City Centre & Leith Walk TM rationalisation pre-Embargo with Rationalisation work at London Road – Picardy place completing early August.
- CUS commenced remedial works in 4 worksites (consecutively) at St Andrews Square on 12/07/10 – works programmed to complete pre-Embargo.
- Work is continuing to identify any outstanding utility works on-street and **tie** are monitoring progress to programme daily
- Utility works completed on Lindsay Road and in Farrans worksites 1, 2 & 3 in period 4 – BT cabling is outstanding in worksites 2 & 3, and will be progressed following completion of city-centre BT cabling works.
- Old Port Road and Lindsay road were formally handed over to BSC on 05/07/10.
- Lindsay Road Retaining Wall 1C – works in period 4 have completed on LR RW 1C, excepting for Copes & blockwork
- Lindsay Road Retaining Wall 1A – works in period 4 have completed on LR RW 1A, excepting for Copes & blockwork. Phase 2 of Lindsay Road RW 1A works commenced following handover of Old Port Road with the compound set up complete and excavation progressing.
- All remaining bases for Lindsay Road RWs 1A & 1D were handed over to BSC on 05/07/10.
- Tower Place Bridge – In period 4 Pier 1 soffit in place, pier 2 soffit continues. All copes removed – 2 pier decks in place – 1 left. West abutment being broken out. East Abutment in process of being broken out. Rebar still an issue which is delaying bridge construction. 24/06/10 drawings issued for Tower Place bridge Central and East pier extensions – this is significant as the works to bridge cannot be progressed with these changes and materials need to be ordered. Progress affected by lack of rebar – piers 1 & 2 rebar exposed. Breakdown to expose rebar continues for rebar lapping. Critical path is the pier abutments which require the rebar issue to be solved. BSC & Contractor indicated w/e 09/07/10 that a solution had been discussed, however, this needs to be formally confirmed by BSC.
- Haymarket Viaduct- Reinforcement, formwork & concreting of parapets has continued in the period. Approach retaining wall construction has continued in the period.
- Site clearance and earthworks for Trackworks between Haymarket and Roseburn recommenced during Period 12 and it on hold now due to the CBR test results. **tie** has not been informed of this CBR results. BSC's current view is that it's a change on track works due to the poor ground conditions. Drainage works has continued this period. Site Investigation works have been carried out during the period.

- Works continues off street on a number of sites inc Russell road retaining wall W4, Edinburgh Park Bridge, Carrick Knowe Bridge, Edinburgh Park station Busgate earthworks, A8 underpass, Depot Access Bridge and the Depot.
- Edinburgh Park Bridge: North approach block work commenced in the period. Waterproofing and finishes to deck commenced in the period.
- A8 Underpass –**Phases 1 & 2**- Excavation to expose proposed deck has been completed in the period. Erection of deck temporary works has commenced. **Phase 4**- Piling works have commenced in the period
- Depot Building works: Floor slab and pit construction has recommenced in the period. Internal blockwork and Internal partition work have continued in the period. 2nd fix M&E works have commenced in the period.
- Areas of concern for programme continue to be:
 - Late issue of IFC design against the V31 programme
 - Agreement of a revised contract or construction programme, which with the submission of Rev 3 has not really eased **tie**'s concerns as there appears to be little desire by BSC to incorporate mitigation ideas or proposals
 - Infraco Consortium Integrated Design visibility and impact on programme, through introduction of additional IFC requirements.
 - Redesign requirements for both temporary and permanent works redesign and associated design programme
 - Late delivery of Utilities and telecoms On-street programme (Forth Ports – **Is Forth ports still an issue?**, Leith walk, York Place, St Andrew Square)
 - The impact of resolution of BDDI-IFC commercial issues and their impact on the construction programme
 - Slow mobilisation

MUDFA Utility Diversions

- Utility works are now complete in Haymarket (excluding snagging works)
- Utility works in York place on programme to complete Pre-Embargo. Water **tie**-in works in are due to commence end of period 4 (this work has been delayed by the requirement of SW for works to the Crawley Tunnel to complete prior to **tie**-in work at York place commencing. Commissioning date for Crawley tunnel is 15/07/10).
- Baltic street works –SDS issued IFA drawings to **tie** in Period 3. **tie** will not issue the tender until SDS have issued the IFC drawings – **tie** are still awaiting IFC information from SDS.
- **tie** have developed a programme for the completion of Utility work between Broughton – Annandale with a completion date preceding the commencement of the Sumer Embargo period – progress being monitored daily
- Leith Walk - the Southbound side is available to Infraco, however, the continuing BT re-cabbling works and the remaining remedial & snagging works in Leith Walk are compounding the delay caused to Infraco on the Northbound side between FotW – MacDonald Road.
- BT works between FotW – Jane St due to complete in early Period 5 (BT are reporting good progress with all cables now pulled into position. Jointing works ongoing. For completion of this section main cable to be pulled from York Place/Picardy Place to FOTW, this requires duct testing in York Place to allow cabling)
- Access is available to Infraco from Canning St to Atholl Crescent, Grovesnor St – Haymarket Terrace & from Lothian Road – Canning St (inc Canning St Junction)

Telecom Re-cabbling

Section 1A Newhaven – Victoria Bridge

BT re-cabbling completed in period 3 from Newhaven – Ocean Liner Building. Cabling works from Ocean Liner Building – Ocean Terminal North RA - Victoria Bridge Westside are to commence following completion of cabling works in the City Centre.

Leith Walk

Remedial and snagging works continue in Leith walk. (Northbound only – Southbound available).

BT are continuing work on re-cabbling programme, Telecoms Cabling between Jane St- Foot of the Walk due to complete early Period 5, with works to Manderston St completed on 09/07/10. The remaining works from ch.350m to McDonald Road will be inaccessible to Infraco (Northbound only) until the completion of the re-cabbling works in September 2010.

York Place to Picardy Place

BT cabling works York place – Dublin St – Broughton St due to commence in Period 4 with a programmed completion in Oct-10

Telecoms re-cabling works between Broughton St – Annandale St will run consecutively to these works, commencing in Oct-10 with a completion in Mar-11.

St. Andrew Square

The section between Waverley Bridge and West Register Lane will be available to Infraco from early Aug-10 and telecom re-cabling works have now commenced in the area; however, Telecoms cabling works for the remainder of St Andrews Square are due for completion Nov-10 (26 week programme).

Haymarket

Telecoms re-cabling works has commenced and will continue until Early Aug 2010 at West End of Atholl Crescent to Grosvenor St.

Detailed programme reviews continue, a weekly Traffic Management Interface meetings are in place & tie are meeting with BT regularly to identify opportunities to hand-over part sections of the route to BSC for Infraco works, the review of which continues, with updates communicated to BSC through the GIS maps.

Side Entry Man-holes

Works to manhole 902 commenced on 17/05/10 on Constitution St (Laurie St) and is progressing well and due to complete 16/07/10 . Land Engineering completed works on Manholes 1 & 2 at Casino Square with MH 4 due to complete 12/07/10. MH 3 awaiting dilapidation survey for temporary Sheet piles – Works to MH due to commence 13/07/10.

Many thanks,

H

Hazel Kennedy

Infraco Team Administration Manager

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