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**From:** Clare Norman  
**Sent:** 12 July 2010 10:19  
**To:** Tom Hickman  
**Subject:** FW: PD Report

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**From:** Clare Norman  
**Sent:** 12 July 2010 10:19  
**To:** Michael Jesuarul  
**Cc:** Julie Smith  
**Subject:** FW: PD Report

Michael

I have located the last comments issued to Hazel – comments in Red have been updated

#### Programme

- The period 04 forecast is based on BSC report 3-3 received 11 Jun 10. BSC have ignored **tie**'s correspondence advising that **tie** will not accept proposed Rev 3A programme as a monitoring tool and have reported only progress against programme Rev 3A.
- This shows an OFRS date of 10 December 2013 against the proposed Rev 3A Programme which represents a one month slip against the Period 3 OFRS date (reported against the Proposed Rev 3a programme) and a 28 week slippage against the Period 02 reported OFRS date against the contractual Rev 1 programme and
- BSC continue to report that they have used the "*latest information received from tie (matrix of Utility Completions for Revision 3 Programme received 13 February 20)*" which is obviously the wrong date and ignores the weekly GIS Access Maps being issued.
- **tie** are therefore unable at this point to determine the cause of the slippage from that reported in Period 02 against the Rev1 programme with that reported in Period 03 against the proposed rev 3A programme. An exercise is underway to attempt to reconcile this data.
- However BSC have reported that the critical path runs through
  - Completion of Section 1B Utilities
  - Section 1B Road and track works
  - Combined Section 1B/1C E\*M works

#### **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 Docwra 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- Work on the east abutment base slab and walls continued during the period. Installation of the deck falsework and reinforcement to the first deck pour was completed during the period. The first deck pour was completed 20/04/10. BSC/Grahams still waiting for SDS to complete the redesign of the internal retaining wall.

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 were started late this period.

Trackworks at the Guided Busway are 100% complete in this period.

Works continues off street on a number of sites inc Russell road retaining wall W4, Edinburgh Park Bridge, Carrick Knowe Bridge, Guided bus way section Track works, A8 underpass and the Depot.

Edinburgh Park Bridge construction of the north approach ramp continued during the period. Construction of the south approach ramp commenced during the period. Expanded continued to work on the robust kerb during the period. The robust kerb is now complete from span 2 to 7.

A8 Underpass – Phase 1 Works recommenced with kingposts installed. Excavation commenced to install infill panels. Phase 2 BT support works commenced with BT cables supported by truss. Phase 4 excavation completed for cable slewing. Geonet cables slewed. Easynet slewing works completed. Grouting of sewer now critical to progress commencement of Phase 4. CCTV survey carried out 110510 with camera blocked 20m in. BSC to prepare man entry.

Depot Building works continue with the floor slab pits, M&E first fix Depot Access Bridge works and Bus gate near the Edinburgh park station progressing in this 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, 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-cabling 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-cabling

##### Section 1A Newhaven – Victoria Bridge

BT re-cabling 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-cabling 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-cabling 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 . Front line 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.

**From:** Julie Smith

**Sent:** 12 July 2010 09:03

**To:** Hazel Kennedy; Paul Colquhoun; Sheena Smith; Robert Bell; Colin Neil; Michael Jesuarul; Clare Norman; Elaine Copley; Eric Smith; John Casserly; Thomas Caldwell; David Carnegy; Michael Blake; Damian Sharp; Andrew Scott; David Burns; Gail Blythe; Jim Ritchie; Tom Cotter; Willie Biggins; Malcolm Butchert; Ian Clark; Graeme McGinty; Phil Dobbin; Mark Hamill

**Cc:** Frank McFadden; Michael Paterson; Tom Hickman; Roxanne Nicol; Elaine Ross; Bob Cummins  
**Subject:** RE: PD Report

Dear All,

Just a reminder that all the PD Reports are to be with me by no later than 3pm tomorrow.

Many thanks

Julie

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**From:** Hazel Kennedy  
**Sent:** 05 July 2010 09:03  
**To:** Paul Colquhoun; Sheena Smith; Robert Bell; Colin Neil; Michael Jesuarul; Clare Norman; Elaine Croyley; Eric Smith; John Casserly; Thomas Caldwell; David Carnegie; Michael Blake; Damian Sharp; Andrew Scott; David Burns; Gail Blythe; Jim Ritchie; Tom Cotter; Willie Biggins; Malcolm Butchert; Ian Clark; Graeme McGinty; Phil Dobbin; Mark Hamill  
**Cc:** Frank McFadden; Michael Paterson; Tom Hickman; Julie Smith; Roxanne Nicol; Elaine Ross; Bob Cummins  
**Subject:** PD Report

Dear All,

Due to annual leave commitments, can you please forward all information for inclusion in the PD Report to be forwarded to Julie Smith by **no later than 1500 hours on Tuesday 13<sup>th</sup> July 2010.**

Should you be unable to meet this deadline then please advise Julie accordingly.

Many thanks for your assistance.

H

**Hazel Kennedy**  
*Infraco Team Administration Manager*

**Edinburgh Trams**  
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Edinburgh EH12 9DJ*

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