
From: Hazel Kennedy
Sent: 19 May 2010 08:48
To: Julie Smith
Subject: FW: PD Report

Categories: Filing

From: Tom Hickman <Tom.Hickman@tie.ltd.uk>
Sent: 18 May 2010 12:59
To: Tom Hickman <Tom.Hickman@tie.ltd.uk>; Hazel Kennedy <Hazel.Kennedy@tie.ltd.uk>
Cc: Clare Norman <Clare.Norman@tie.ltd.uk>; Michael Jesuarul <Michael.Jesuarul@tie.ltd.uk>
Subject: RE: PD Report

All blue text has been updated as well.

Regards,

Tom Hickman
Programme Manager

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From: Tom Hickman
Sent: 18 May 2010 12:58
To: Hazel Kennedy
Cc: Clare Norman; Michael Jesuarul
Subject: FW: PD Report

Hazel,
All black text has been updated.
Michael will provide updates for the green text

From: Clare Norman
Sent: 17 May 2010 15:00
To: Tom Hickman
Subject: RE: PD Report

See updated onstreet section in red

From: Hazel Kennedy
Sent: 12 May 2010 17:09
To: Clare Norman; Michael Jesuarul
Cc: Tom Hickman
Subject: PD Report

Claire/Michael,

Can you please provide an update on items below by 1500 hours on Tuesday 18th May 10.

Programme

- The period 02 forecast is based on BSC report 3-2 received 14 May 10. This shows an OFRS date of 28 May 2013 which represents a 14 calendar day slippage in the 28 calendar day period.
- The delay to Sectional completion A is caused by a direct -14 day slippage in the Depot programme due to the slow progress.
- The -14 day slippage in Sectional completion B is caused by a direct knock-on of lack of progress affecting the completion of the track installation and overhead catenary line in section 7, primarily this delay is caused by track resources working systematically through sections 5c-6-7. This does suggest however that Section 7 in totality is not on the critical path, only the track activities, and those only because of preferential logic to release track resources to other areas.
- Sectional Completion C is being driven by the completion of catenary in sections 1A/1C.

Proposed Rev 3 Programme

Acutus, supported by tie personnel have developed an alternative Revision 3 Programme based on known workscopes (including a reduced depth dig for track works), identified mitigation measures and proposed traffic management solutions.

- In Period 09 BSC had indicated a commitment to re-commence or commence new works to kick-start the construction programme at the following locations
 - Haymarket Viaduct - start work on 23/11/2009 – works restarted and continue with the concrete pour for the bridge deck completed in the period although further progress appears to be slowing.
 - Haymarket to Russell Road corridor - start work w/c 07/12/2009. Investigative works only. No productive construction works during either period 13, period 01 or period 02 as BSC are still not in receipt of completed track IFCs from their designer.

Proposed Rev 3 Programme – Any additions to be made to this list?

- Edinburgh Park Bridge Ramps - start work w/c 16/11/2009. North approach ramp works ongoing. No progress at South ramp. Corridor Edinburgh Park Bridge to Guided Busway - start work w/c 07/12/2009 (soil strip / drainage). Trail holes have been done by BSC during period 12. Earthworks commenced week 4 of period 12. No progress was made during w/e 10th April 10 due to Crummocks being on holiday. Utility conflicts continue to slow progress, however, Crummocks has now completed the gully tail connections to allow works to commence, without instruction from BSC.
- A8 Underpass – Combined Phase 1&2 piling works completed. Phase 4 prelim works underway. Easynet cables not diverted due to BSC not managing Easynet to suit programme requirements.
- Depot Building works continue with the floor slab pits, M&E first fix
- Evidence of the required level of progress continues to be slow, with the civil works at Haymarket viaduct bridge deck now at a standstill awaiting the concrete pour. The track works from Haymarket to Russell Road have yet to commence in any real purpose.
- **tie** continues to monitor and challenge BSC's failure to mitigate delays and mobilise and is using the topics register to actively track and manage blockers to progress, and have continued during the period submitting clause 65.10 letters where BSC have failed to advise **tie** of delays that BSC are responsible for.

Proposed Rev 3A / 3B Programmes

BSC submitted two further programmes during the period. Programme 3A is the next step of the 5-step iterative process agreed between Jeffrey / D'Arcy in October 2009 which takes the proposed Rev 3 programme (OFRS 08/01/2014) and incorporates the mitigation proposals identified at the workshops in February 2010. This delivers an improved OFRS date of 23/11/2013

The 3B programme purports to then incorporate BSC identified "*acceleration*" measures into the 3A Programme further improving the OFRS date to 17/07/2013

Neither of these submissions identify what mitigation or *acceleration* proposals have been included, how they have been incorporated, the associated costs and the impact of each one.

Infraco

Works progressing at Haymarket viaduct with superstructure works. Piers 1 to 4 now complete. BSC/Grahams commenced work on the remaining sections of the east abutment base slab during the period. BSC/Grahams also installed the deck falsework and commenced fixing the deck reinforcement during the period. BSC/Grahams still waiting for SDS to complete the redesign of the internal retaining wall.

- Works within the City Centre have recommenced with snagging & OLE remedial programme on Princes Street and Works at the Crawley Tunnel for Scottish Water have commenced during the period and are progressing
- Clancy Docwra have completed the majority of works at Haymarket (excepting BT cabling work & snagging works). The visi-rail is due for delivery on 25/05/10 to the Haymarket area, at which point the mass barriers will be replaced. Similarly, the majority of CD works at York Place are now complete (excepting the SW abandonments reliant on the completion of the works at the Mound, snagging works & BT cabling).
- CUS are due to complete works to 6-way duct on South St Andrew St on 17/05/10, whilst work is continuing to identify and correct any remaining Telecom defects at St Andrews Square & Leith Walk.
- Utility works are complete at Lindsay road, with remaining BT cabling due to finish on Eastbound side by 17/05/10 and Farrans are progressing works in the Forth port area and are due to complete works in Site 1 at the beginning of June, Site 2 in mid-June and Site 3 at the end of May.
- Lindsay Road Retaining Wall 1A and 1C - No works progressed on either of the retaining walls. Sewer protection sewer exposed and found to be already protected, await SDS acceptance on RW 1C. Clause 34.1 letters sent to firm up on the previous CL22/65 letters by tie, BSC still insist this is to be as clause 80 and have refused to carry out any works until estimate agreed and instructed. Ground at Wall 1A in location of old steps requires temporary works, BSC insist this is a clause 80 event, tie disagree and request further proof, again BSC will not action the clause 34.1 letter. Tie to decide on next course of action.
- Tower Place Bridge – works concluded Piling with load testing complete Tuesday 11th /Wednesday 12th May. The pile testing regime is agreed and should now be fully signed off, further dynamic tests required, and acceptance of test results required to permit piles to be cut down
- 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.
- Trackworks are progressing at the Guided Busway with the outbound track nearing 100% installed and inbound works ongoing with target to finish by next period.

- Works continues off street on a number of sites inc Russell road retaining wall W4 (Piling works stopped and rig has been moved to Depot access bridge), Edinburgh Park Bridge, Carrick Knowe Bridge, Guided bus way section Track works, A8 underpass and the Depot.
- Depot Access Bridge works and Earthworks at bus gate near the Edinburgh park station started 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 our 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 On-street programme (Forth Ports, Leith walk, York Place, St Andrew Square and Haymarket)
 - 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 York Place and Haymarket (excluding snagging works). The PQQ process commenced for Baltic street works in Period 1, **tie** have received 3 notes of interest, all of whom will now be invited to tender - SDS to complete IFA design. Utility work in Picardy Place are pending with **tie** in the process of developing a programme for completion. The required remedial and snagging works in Leith Walk are compounding the delay caused to Infraco on the Northbound side, with the Southbound side currently available, however BT are continuing with telecoms re-cabling activities. The delay of telecoms work in St Andrew Square will delay the commencement of Tram works which were programmed to start in Jun10. Detailed programme reviews continue, a weekly Traffic Management Interface meetings are in place & **tie** are meeting with BT regularly to try to identify opportunities to hand-over part sections of the route to BSC for Infraco works, the review of which continues.

MUDFA Utility Diversions

Section 1A Newhaven – Victoria Bridge

BT re-cabling remains on-programme to complete Jun-10 from Newhaven – Ocean Terminal North Roundabout and Jul-10 from Ocean Terminal North Roundabout – Victoria Bridge Westside.

Leith Walk

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

BT are continuing work on 22 week re-cabling programme, Telecoms Cabling between Jane St- Foot of the Walk programmed for completion end of period 3. 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 July 2010.

York Place to Picardy Place

Utility diversions continue along York Place to Picardy Place with completion including road re-instatement expected by July 2010.

Telecoms re-cabling works will continue until September (Broughton St junction to Greenside Lane).

St. Andrew Square

The section between Waverley Bridge and West Register Lane will be available to Infraco from **end of June-10**; however, Telecoms cabling works for the remainder of St Andrews Square are due for completion Oct-10 (26 week programme).

Haymarket

Utility diversions completed in Haymarket (excepting snagging) with TM rationalisation expected by the end of May 2010.

Access is available now to Infraco from Canning St to Atholl Crescent & Grovesnor St – Haymarket Terrace.

Access is available to Infraco from Lothian Road – Canning St (inc Canning St Junction)

Telecoms re-cabling works will continue until Mid June 2010 at West End of Atholl Crescent to Grosvenor St.

Non-MUDFA Utility Diversions

Farrans continue to progress the remaining scoped works in Section 1A, which are programmed to be completed by June10.

Lindsay Road RW

Infraco commenced work on Lindsay Road RW 1 in period 13. BSC have failed to progress works on RW 1C & 1A despite tie issuing both cl 65.22 letters & cl 34.1 letters. Clancy Dowcra completed works on Lindsay road Westbound and Eastbound at the end of April. Telecoms cabling Eastbound due for completion on 17/05/10.

Constitution Street

Utilities (Baltic Street to Tower Street)

PQQ process for Baltic Street Junction works commenced in period 1 with 3 notes of interests registered in period 2. SDS to complete design.

Side Entry Man-holes

Works by Frontline to manhole 902 due to commence on 17/05/10 – welfare cabin delivered to site on 15/05/10.

Many thanks,

H

Hazel Kennedy

Infraco Team Administration Manager

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