
From: Tom Hickman
Sent: 03 March 2008 17:06
To: Chandler, Jason; Jones, Carla
Cc: Damian Sharp; Steven Bell; Susan Clark; Clare Norman; reynoldss@pbworld.com; Michael Jesuarul
Subject: SDS V27 Clashes with BBS Infraco programme
Attachments: 003 SDS V27 Design v V26 v BBS INFRACO Programme 28Feb08 Conflicts (3MAR08).pdf

Jason / Carla,

The attached spreadsheet indicates where the V27 Design IFC delivery dates clashes with the BBS Infraco programme generated using V26 dates.

Can you please review and prepare comments on the activities highlighted in red for the daily approvals meeting tomorrow that will take place tomorrow at 10am in lieu of the one missed this morning.


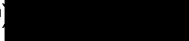

In particular the following items now appear later in V27 than the dates discussed at last Thursdays daily approvals review meeting.

- Section 2 Roads TAA was due to CEC on 21/3/8 and expected to be returned on 29/4/8. It was discussed that there could be a potential 2 week delay to this as a result of knock-on from section 1d Roads Approval Authority changes at Haymarket junction. The submission of the TAA is now programmed for 2/5/8 with return programmed for 29/7/8. This reflects a delay of 6 weeks.
- S1 Russell Road Underbridge – As part of batch 2/03 the submission of this Prior approval was expected to be delayed for 2 weeks from 29th Feb due to “tweaks” required to track alignment and knock-on design mods to OHL following structure mods. The prior approval submission is now programmed at 25th March which reflects a delay of 3 ½ weeks. This structure is critical in construction programme and will impact other structures in the programme.
- S19 Haymarket Station Viaduct – As part of batch 2/01 the submission of this prior approval has been maintained at 2/5/8 following the solution presented to the Roads Authority w/c 19th Feb but the return period from CEC has extended from 2nd May to 21st May adding 3 weeks to the programme. This structure is critical in construction programme and will impact other structures in the programme.
- W3 & W4 Russell Road Retaining Walls – As part of batch 5/05 this submission has been delayed as advised last week from 29th Feb until 7th March following a meeting between SDS and CEC planners. This would have been expected to be returned from CEC in the 8 week period ending 2nd May but is currently programmed as 21st May adding 3 weeks to the programme. This structure is further delayed by a logic link to Sub-section wide IDC?
- W18 Murrayfield Tramstop Retaining Wall – As part of batch 5/06 this submission has been delayed from 15/2/8 to 18/4/8 to incorporate the 4-6 weeks delay due to agreeing the technical solution between BBS and SDS. This structure is now critical.
- S21B Murrayfield Stadium Retaining Wall – As part of batch 5/07 technical approval receipt from CEC is now programmed at 8/7/8 from 29/4/8. This makes this structure critical in the construction programme through its logic dependency on “Incorporate Network Rail comments” which further delays it to 5th September. The Infraco programmed construction start date is 23/7/8. Delays to this structure has a knock-on through the construction programme that delays the completion of the full section from Haymarket to the Airport.
- W8 Baird Drive Retaining Wall – As part of batch 5/10 technical approval receipt from CEC is now programmed at 17/6/8. This makes this structure critical in the construction programme through its logic dependency on “Incorporate Network Rail comments” which further delays it to 5th September. This structure has direct knock-on delays to both S21E Water of Leith bridge and S22 Balgreen Rd bridge.
- A8 Underpass – As part of batch 5/20 the submission of this TAA to CEC is delayed from 28/4/8 (V26) to 28/7/8 (V27) and hence the technical approval and IFC issue is now 7/10/8. BBS Infraco programme is to commence construction 8th August based on V26 IFC of 9/7/8. There is a major traffic management issue for this structure based around both the Royal Highland Show and the desire to retain as little overlap between these works and the track installation on the guided busway.

- Depot Earthworks – As part of batch 6/21 the IFC date of 1/8/8 will delay the full programme. BBS Construction programme is to commence earthworks from 2/6/8. This will delay Depot completion, ability to receive trams and test running. **THIS IS CRITICAL TO OVERALL PROGRAMME ACHIEVEMENT**
- Depot General
The revised programme was to clearly indicate the IFC issue for the following items
 - Depot Layout
 - Depot General
 - Depot Boundary & Accommodation works
 - Depot Earthworks – *Activity VO2680 - Issue For Construction Drawings Depot Reinforced Earthbanks*
 - Depot retaining Walls
 - Depot Drainage
 - Depot Ductwork – *Activity A45810 Issue Ductwork Design to Contractor for Construction 27/8/8*
 - Depot Main Building – general – *Activity VO1840 Issue For Construction Drawings Depot Inc Redesigned Scope (Excl. Depot Access Bridges, Reinforced Earthbanks, Shed) ??*
 - Depot Building Foundations
 - Depot Ground Floor Slab & Pits
 - Depot Steel Superstructure – *Activity A5330 Sign Off Drawings for Construction Superstructure*
 - Depot Mechanical (Workshop & Plantroom)
 - Depot electricals
 - Depot Track
 - Depot Roads, Street-lighting and Landscaping
 - Depot OLE
 - Depot Yard design
 - Depot Sub-station

Other than those indicated the remainder would still seem to be incorporated into the batch 6/21 issue. Please advise if this is incorrect.

Regards,

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