

DRAFT

10 Milestones Table

Section	Description	A	B	B-A=D	C-B=E	Complete	Crit. Path	Comments
		Rev 5 Schedule Date	Forecast/Actual Date	Var. (d's)	Mvmt in Period			
Section Completions								
ALL	Section C; T2 completed	09-Apr-14	15-Jan-14	84	→		Y	
ALL	Section D; T3 completed, open for revenue	08-Jul-14	15-Apr-14	84	→		Y	
Tram Test & Commission								
Off-Street	OCS Testing & Commissioning (SP2.0)	23-Sep-13	20-Sep-13	3	↓		N	Negative mvmt of -5d due to resource levelling impacts through Murrayfield corridor. Has 8d float
Section C	OCS Energisation completed (IP1.0)	03-Oct-13	03-Oct-13	99	→		Y	Driven by energisation date for CAE substation
Section C	Tram Type Test, EMC and Noise completed (SR1.0)	29-Oct-13	29-Oct-13	83	→		Y	Driven by energisation date for CAE substation
Section C	Tram Bourne Dynamic Tests (IS3.0) completed	29-Oct-13	29-Oct-13	83	→		Y	Driven by energisation date for CAE substation
Section C	All Secn C SAT/SITs completed. Ready to commence T1	08-Feb-14	05-Nov-13	95	→		Y	Driven by energisation date for CAE substation
Section C	T1 completed	10-Mar-14	05-Dec-13	95	→		Y	Driven by energisation date for CAE substation
Full Line works								
Off-Street	Tamping commenced (5A,5B,5C)	26-Mar-13	01-Jul-13	-97	→		N	
On-Street	1C & 1D on-street OHLE completed	09-Jan-14	22-Jul-13	171	↑		N	Revised logic with OHLE, is now planned to commence once all tracks are in place and joint sealant works complete.
On-Street	Sections 1C-1D Construction completed	09-Jan-14	06-Sep-13	125	→		N	Driven by energisation date for CAE substation
Off-Street	Full Line Pre-Stressing and Grinding completed	16-Sep-13	23-Sep-13	-7	→		N	Positive mvmt of 2d attributed to resource levelling adjustments. Has 9d float
Off-Street	Sections 2A-5C Construction completed	23-Sep-13	23-Sep-13	0	↑		N	Positive mvmt of 3d attributed to resource levelling adjustments.
York Place								
On-Street	All Road & Track completed	18-Nov-13	31-Jul-13	110	↓		N	Mvmt due to discovery of poor condition setts, requiring additional depth to road carriageway works.
On-Street	All Civils, TRMS & SUBS Works completed	18-Nov-13	13-Aug-13	97	↓		N	Mvmt of -10d due to discovery of poor condition setts, requiring additional depth to road carriageway works.
On-Street	Cathedral Lane Substation completed	14-Aug-13	06-Sep-13	-23	→		Y	Driven by energisation date for CAE substation
St Andrews Square & St Andrews St North								
On-Street	All Road & Track completed	26-Oct-12	26-Apr-13	-182	↓	✓	N	
On-Street	All Civils & TRMS Works completed	26-Oct-12	17-Jun-13	-234	→		N	
South St Andrews St / Waverley Junction								
On-Street	All Road & Track completed	25-Oct-12	15-Apr-13	-172	→	✓	N	
On-Street	All Civils & TRMS Works completed	25-Oct-12	02-Aug-13	-281	↓		N	Mvmt of 7d due to knock on effects of Shandwick Place delays and underlying schedule logic links.
Princes Street								
On-Street	All Civils Works completed (exc. PST Tramstop)	22-Nov-13	26-Jul-13	119	↓		N	Mvmt of 7d due to delays in Shandwick Place. This has impacted on final CEC street lighting acceptance
Shandwick Place								
On-Street	Civils Works completed :- Crescents to Lothian Road (SP1 & SP3)	25-Mar-13	11-Jun-13	-78	↓		N	Works driving completion are SP3 footpath works as well as carriageway and joint sealant for rails.
On-Street	Civils Works completed :- Crescents including Atholl West Tie-in (SP4 & SP5)	05-Jun-13	12-Jun-13	-7	↓		N	Works driving completion are SP4 carriageway and then joint sealant for rails.
On-Street	Civils Works completed :- Palmerston Place to Crescents (SP2 & SP6)	18-Oct-13	21-Jun-13	119	↓		N	Works driving completion are at eastern end and are reliant on completion of SP5 carriageway and then joint sealant for rails.
On-Street	All Civils & TRMS Works completed	15-Nov-13	23-Jul-13	115	→		N	Completion date is driven by both SP7 (yet to commence) and SHP tram stop (commenced).
Haymarket								
On-Street	All Road & Track Works completed : (H1 to H3B)	17-May-13	26-Jun-13	-40	↓		N	Poor quality tar works are driving H3B's remaining fragmented outbound and inbound track activities and completion date.
On-Street	All Road & Track Works completed : (H4 to H6)	25-Jul-13	31-Jul-13	-6	↓		N	Works being progressed but fragments of sites cannot be completed until H2 westbound street finishes are completed.
Rosburn & Murrayfield Corridor								
Off-Street	Track Laying - between MUS and Rosburn Junction completed	06-Dec-12	14-Jun-13	-190	↓		Y	Remaining track works is driving completion of OHLE12 and subsequent OCS energisation date.
Off-Street	5A Track Ready for Tamping	25-Mar-13	21-Jun-13	-88	↓		N	Commencement of track laying along corridor postponed by Infracore. Has 5d float wrt Tamper date.
Off-Street	Tamping Ballast Section 5A (&5C) completed	16-Apr-13	26-Jul-13	-101	→		N	Has 9d float, which has been created by the later forecast completion of the E&M for the OCS and CAE Substation
Balgreen - Gyle								
Off-Street	Installed Fibre Optic Cables EDP-GYL-DEH+DEP	10-Jul-13	17-Apr-13	84	↑	✓	N	
Off-Street	5B Track Ready for Tamping	31-Oct-12	01-Jul-13	-243	→		N	Resource levelling is significantly impacting on 5B tracklaying. Is also impacting on OHLE sequence of works along full line.
Off-Street	Tamping Ballast Section 5B completed	21-Nov-12	19-Jul-13	-240	→		N	
Gateway								
Off-Street	Gateway Track laying commenced	22-Feb-13	25-Mar-13	-31	→	✓	N	
Off-Street	Gateway Post Embankment Drainage completed	08-Jan-13	26-Apr-13	-108	→	✓	N	
Off-Street	Gateway Track laying completed	16-May-13	10-Jun-13	-25	→		N	Track Laying almost completed with final 50m section remaining.
Off-Street	5C Track Ready for Tamping	19-Jun-13	24-Jun-13	-5	↑		N	Mvt of 2d due to revised resource levelling priority in Master Schedule to meet 1Jul Tamper. Has 4d float wrt Tamper date.

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11 Actual Progress of Master Schedule Plan & Variation of Section
Finish Dates (Master Vs Rev5)

Appendix 1 – Health, Safety & Environment and Consents Tracker



Area of Interest	Items to be addressed in Document	Current Status	Current Activities Plan	Risks if not resolved	Action Owner	Action with	Target Date to Close Out
3rd Party Consents							
Network Rail - Asset Protection Agreement	This document governs the design approvals and permits to work consents along the Railway Corridor between Haymarket and Edinburgh Park. It is a legal agreement between Network Rail and the landowner of the railway corridor.	The existing APA period expired on 30 June 2011. He requested an extension as is permitted under the agreement and NR have requested additional funding confirmation, and have indicated they may wish to review the obligations of this agreement. At present the revised APA has not been executed, but access to the site is available to BR.	Revised documentation now issued to NR for assistance. NR have now responded with comments and revised the forecast signed document now back with Network Rail.	Possible delay risk (NR advise BR access to the site. To date the Contractor's MPPs have not consistently been submitted to the required standard expected of NR, so the risk remains that NR may seek to revise the APA terms to reflect an Outside Party Role, rather than a Third Party Role. This affects NR's greater control over activities on or near the railway network.	Alasdair SIm	Network Rail	Jan-13
Substation Wayleaves - Haymarket	Substation lease agreement between CEC and leaseholder of NR owned land.	No physical blockers to be issued on completion.	CEC to enter into lease drawdown with NR and then sublease to SP. Working now agreed with SFD.	Potential BBS design change and delay to construction if not resolved.	Alasdair SIm	Scottish Power	Jan-13
Substation Wayleaves - Cannonhall Lane	Standard substation lease agreement.	Final IP's issued by BBS. CEC can now progress substation lease with SFD.	Draft lease agreement now with SFD.	Design delay risk if not resolved.	Alasdair SIm	CEC	Jan-13
Network Rail - Bridge Agreement	Agreement to define responsibilities in relation to the Carrick Knowe and Edinburgh Park Bridges in this regard. Need to re-engage in the process.	This agreement is currently on hold. CEC have concerns in regard to an unlimited indemnities which are implied within the current drafting. CEC have considered progressing communication with ORR to seek support in this regard. Need to re-engage in the process.	CEC to re-engage with NR using the TSNR Bridge Agreement template as a starting position. HBU-SVM have been approached to provide advice.	CEC cannot operate passenger services without an executed Bridge Agreement (Carrick Knowe and Edinburgh Park).	Alasdair SIm	CEC	Aim to move negotiations forward during 2012.
Network Rail - Operating Agreement	An agreement setting out key lines of communication and responsibilities between the Network Rail and the national rail network.	This agreement is currently on hold. CEC have concerns in regard to an unlimited indemnities which are implied within the current drafting. CEC have considered progressing communication with ORR to seek support in this regard. Need to re-engage in the process.	Action on CEC to re-engage with NR.	CEC cannot operate passenger services without an executed Operating Agreement.	Alasdair SIm	Network Rail	Aim to move negotiations forward during Q1 - 2013.
Network Rail - EMC and Immunisation approval	Payment to indemnify FSR and NR against loss of car parking at Haymarket Station Car Park.	Testing and report to be issued on completion.		CEC cannot operate passenger services without an Network Rail Approval.	Colin Kerr	BBS Michael Wilson	Mid-2013
Edinburgh Airport LU - EMC approval	Various service arrangements to be entered into between CEC and NR. These are all agreed and set out in the Framework Agreement.	Testing and report to be issued on completion.		CEC cannot operate passenger services without an EMC approval.	Colin Kerr	BBS Michael Wilson	Mid-2013
Network Rail & First ScotRail Car Park Compensation Agreements	Compensation as a result of CPD of land at Haymarket Station Car Park.	Within available budget allowances. No of parking spaces affected is agreed with NR and FSR.	The matter cannot be completely closed until BBS complete the works and the timeline over which compensation applies can be determined. The programme is now 18 months overdue in this area.	Unknown at this point. Construction programme not agreed/completed.	Alasdair SIm	CEC	Unknown at this point. Construction programme not agreed/completed.
Network Rail - Serv Utes	Land	Various service arrangements to be entered into between CEC and NR. These are all agreed and set out in the Framework Agreement.	HBU-SVM are ready to submit documents to NR - awaiting Robert Little to confirm NR legal advisor.	HBU-SVM have forwarded service documents to NR's legal advisor.	Alasdair SIm	Network Rail	Mid-2013
Compensation - NIL	Land	Compensation as a result of CPD of land at Haymarket Station Car Park.	CEC have initiated the OKAD process in West Edinburgh.	No project risk as this is a compensation matter.	Alasdair SIm	CEC	Unknown - depends on claimant.
3 No. building things	Construction	Modified building things agreements for 76 Prince of Wales St, 78 Prince St and House of Fraser.	Awaiting response from building owners, agreement imminent.	If not resolved, CEC will seek a Sheriff Court decision.	Alasdair SIm	CEC	Jan-13
From Leith Storage Site Lease Extension	Construction	Storage area in Leith docks for rail-site currently occupied by Siemens.	Legal drafting in progress.	Little risk as site is already occupied, therefore not rights in place.	Alasdair SIm	CEC	Close out by mid-Jan 2013.
Site Sharing License at Edinburgh Cable	Operations	This agreement is for a license to record the installation of radio equipment on Edinburgh Cable.	CEC legal and the Licensor exchanging drafting at present. No objections envisaged.	Risk of delay to Siemens if not resolved.	Alasdair SIm	CEC	Close out by mid-Jan 2013.
Section 21 Agreements - SVM	Construction	Scottish Water approval.	Review been under take of all sewer crossing along the off street section of the route 2 required.	Delay to formal approval from Scottish water.	Alasdair SIm	SWWR	Mid-August 13.
Technical Informatives							
8 Tram signage location	Design	Location & signage to be provided.	Location & signage to be provided.	Tramway signage has now been agreed, with Clean copy sent to LCP for HMR approval. Informative closed. December 2012. Further approvals awaited. Comments received from ORR, description required for each sign. Informative can now be used.	Robin Goodwin	LCP	Closed
72 Earthing and Bonding details	Design	Full details of earthing and bonding requirements that impact on CEC infrastructure need to be provided for review and approval.	Comment 11244 to be closed. Comment 11500 to be closed.	Design with BBS. mock up of impact column installation to be considered. Attention should be given to Finesse street interface. Construction delay risk if not resolved.	Robin Goodwin	BBS Michael Wilson	Closed
Other Approvals							
Notification of Development	Construction	Letter to be issued to third party.	Notices required for New Infillion.	None.	Andy Conway	CEC too Mccarthy	Apr-13
By Laws	Operations	System wide.	Document currently being drafted.	Bye laws to be agreed, and submitted to Council meeting in November 2012. Bye Laws agreed at CEC meeting now with M operational running.	Andy Conway	CEC too Mccarthy	Mar-13
Legal Agreements							
Program Software Escrow Agreement	Clause 102.16	Within 30 days of the accepting the programme that infraCo will provide under the InfraCo contract, the NCC Group of Manchester Technology (or its assignee) shall provide to infraCo a copy of the source code in a standard computer readable form. All costs will be met by the InfraCo.	TO BE SIGNED WITHIN 30 DAYS OF THE ACCEPTING THE INFRACO SOFTWARE. Siemens are to clarify these position.	Siemens to provide details of agreement. By April 13. Draft due at the end of October 2012.	CEC, InfraCo and escrow provider.	Patrick Scully	JUN-14
TSA Reliability Bond	On the certification of the twenty seventh Certificate of Train Commissioning CAF must provide a reliability bond for 5% of the Aggregate Train Price (approx. £2,753,031.05).	Clause 44.3 and part A of Schedule 10.	CAF, INFCEC, Transport Scotland, TEL and any other parties receiving the collateral warranty.	4th offer to be delivered to CEC before 20th November 2012. Draft date agreed at M until according to BBS programme for 15.05.13. Offer to an add-on date shall be agreed. Bond now received until 15th May 2013. 2805413 - Performance Bond released on provision Reliability Bond will be in place as required in the TSA.	CEC, CAF and escrow provider.	Alasdair Urles	Dec-13
TSA Train Supplier Collateral Warranty	CAF, INFCEC, Transport Scotland, TEL and any other parties receiving the collateral warranty.	Clause 44.5.	CAF, INFCEC, Transport Scotland, TEL and any other parties receiving the collateral warranty.	Confidential document signed by CAF on may 2008.	CEC, CAF and escrow provider.	CEC	JUN-13
TSA Escrow Agreement	Within 30 days of the accepting the programme that infraCo will provide under the InfraCo contract, the NCC Group of Manchester Technology (or its assignee) shall provide to infraCo a copy of the source code in a standard computer readable form. All costs will be met by the InfraCo.	Clause 51.10.3 and Schedule 8.	CAF, INFCEC and NCC.	Review feedback from BBS and other parties. Awaiting answer from BBS. See Finance and sign-off. 2704413 - T&T to be discussed on the issue of the software. 2805413 - CAF requested to confirm the software that they would expect to be placed into Escrow and the date that they intend to commence the agreement.	CEC, CAF and escrow provider.	Alasdair Urles	Sept-13
TSA Sub-Contractor Direct Agreement	When the Train Requirements (Employer's Requirements) indicates that a Sub-Contractor Direct Agreement is required, the CAF must obtain a Sub-Contract Direct Agreement from the approved supplier by CAF. In the event that any part of the TMA is assigned, novated or otherwise transferred by the supplier to another party, the supplier shall ensure that the operation of the terms of the Train Supplier Direct Agreement, and any other party reasonably requested by the TMA, CAF must place the source code in escrow with the NCC Group of Manchester Technology (or another escrow agent, to be required by the supplier to a standard escrow agreement for the software. All costs will be met by the TMA.	Clause 69.9 and Schedule 19.	Sub-Contractor, INFCEC and CAF.	CAF awaits an answer to e-mail dated 11 June 2012 with the proposal given by BBS, in order to proceed with outstanding the TMA. CEC, INFCEC, Transport Scotland, TEL and any other parties receive to sign-off on the contractual SCDA. 2805413 - CAF are sending that specific suppliers refuse to sign-off on the contractual SCDA. 2805413 - T&T submitted a simpler SCDA document to CEC legal team for review and issue to CAF if acceptable.	CEC, CAF and escrow provider.	T&T	JUL-13
TMA Performance Bond	When the Train Requirements (Employer's Requirements) indicates that a Sub-Contractor Direct Agreement is required, the CAF must obtain a Sub-Contract Direct Agreement from the approved supplier by CAF. In the event that any part of the TMA is assigned, novated or otherwise transferred by the supplier to another party, the supplier shall ensure that the operation of the terms of the Train Supplier Direct Agreement, and any other party reasonably requested by the TMA, CAF must place the source code in escrow with the NCC Group of Manchester Technology (or another escrow agent, to be required by the supplier to a standard escrow agreement for the software. All costs will be met by the TMA.	Clause 46.1 and part 1 of Schedule 23.	N/A.	Not applicable, to be checked.	CEC, CAF and escrow provider.	CEC	AUG-13
TMA Train Manufacturer Collateral Warranty	CAF, INFCEC, Transport Scotland, TEL and any other parties receiving the collateral warranty.	46.1 and part 2 of Schedule 23.	CAF, INFCEC, Transport Scotland, TEL and any other parties receiving the collateral warranty.	Confidential document signed by CAF on may 2008.	CEC, CAF and escrow provider.	CEC	JUL-13
TMA Escrow Agreement	Within 30 days of the accepting the programme that infraCo will provide under the InfraCo contract, the NCC Group of Manchester Technology (or its assignee) shall provide to infraCo a copy of the source code in a standard computer readable form. All costs will be met by the TMA.	Clause 50.21 and Schedule 8 (of the Train Supply Agreement).	CAF, INFCEC and NCC.	Review feedback from BBS and other parties. Awaiting answer from BBS. See Finance and sign-off. 2704413 - T&T to be discussed on the issue of the software. 2805413 - CAF requested to confirm the software that they would expect to be placed into Escrow and the date that they intend to commence the agreement.	CEC, CAF and escrow provider.	Alasdair Urles	JUN-14
TMA Sub-Contract Direct Agreement	When the Train Requirements (Employer's Requirements) indicates that a Sub-Contractor Direct Agreement is required, the CAF must obtain a Sub-Contract Direct Agreement from the approved supplier by CAF. In the event that any part of the TMA is assigned, novated or otherwise transferred by the supplier to another party, the supplier shall ensure that the operation of the terms of the Train Supplier Direct Agreement, and any other party reasonably requested by the TMA, CAF must place the source code in escrow with the NCC Group of Manchester Technology (or another escrow agent, to be required by the supplier to a standard escrow agreement for the software. All costs will be met by the TMA.	Clause 57.9 and Schedule 6.	Sub-Contractor, INFCEC and CAF.	Review feedback from BBS and other parties. Awaiting answer from BBS. See Finance and sign-off. 2704413 - T&T to be discussed on the issue of the software. 2805413 - CAF requested to confirm the software that they would expect to be placed into Escrow and the date that they intend to commence the agreement.	CEC, CAF and escrow provider.	T&T	JUN-13

1.0 Executive Summary

- **Independent Competent Person** – The ICP has issued a number of questions for B&S regarding the Eastfield Avenue Junction Control. B&S are progressing the answers and have carried out a number of configuration changes to the junction in response to a restriction being imposed by the Operator. Since the changes the restriction has been lifted and no repeat incidents noted.
- **Requirements Management** – In total 1362 requirements are now deemed ‘compliance confirmed’. A total of 32% of all requirements are now deemed compliance confirmed; this is a rise of 13% since the last reporting period.
- **Evidence File** - The evidence file is currently being updated with the information received from B&S for Section B handover. B&S are now providing regular updates of their Technical Library.
- **Safety Verification Scheme Audits** – Audit questions have been developed for SV audits TSA/13/03 - Suitability of Carricknowe Bridge it is intended that this audit will be carried out in June 2013; and TSA/13/04 - Transition Points at Floating Trackslab, it is intended that this audit will be carried out in August 2013.
- **Tram** – The ICP inspected the tram CCTV in relation to passenger detection at tramstops. A site inspection was performed and a concern raised about visibility. This was discussed with CAF who advised the ICP had agreed to the current configuration. The ICP has requested CAF to inspect the image themselves and determine if it acceptable.
- **Infrastructure** – A productive discussion was held with B&S, the technical representative’s and the ICP at the ICP liaison meeting on 8th May 2013 in response to the records of reviews (ROR) issued on following the sampling of the Section B material. A common understanding of what is expected from the documentation has been reached. Responses to the ROR’s are outstanding but are currently not a cause of concern.

2.0 Safety Verification Scheme (SVS)

- **Evidence File** – The evidence file is currently being updated with the information received from B&S for Section B handover. B&S are now providing regular updates of their Technical Library.
- **Safety Verification Audits (SV)** - Audit questions have been developed for audits TSA/13/03 Suitability of Carricknowe Bridge it is intended that this audit will be carried out in June 2013; and TSA/13/04 Transition Points at Floating Trackslab, date of audit to be confirmed with David Bateman. The remaining SV audits are currently being progressed with TSS.
- No issues were noted in this period with respect to the change in SV administration.
- The sampling of the Section B evidence was discussed at the May ICP liaison meeting. The output of the meeting was an understanding by B&S of the expectations of the technical team when they sample the evidence. A number of key

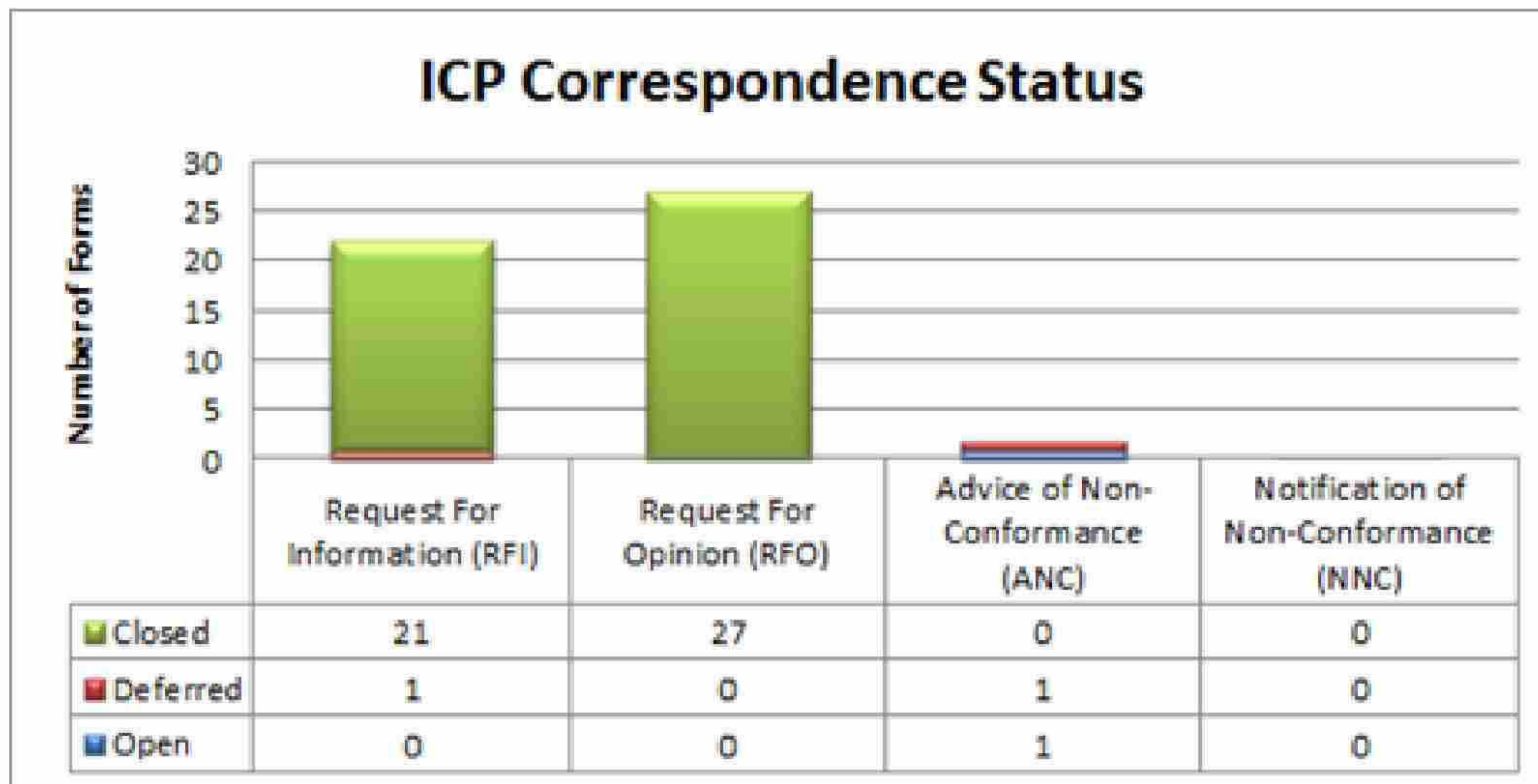
concerns were discussed with a view to providing clarity on the issues which if not addressed satisfactorily would delay the sampling.

- The Design Assurance Statements (DAS) have been reviewed and comments issued in draft format. The SV tram is awaiting confirmation on the acceptability of the DAS in principle from CEC, the TSS advisors and the ICP.
- A meeting is being arranged by T&T with B&S to discuss the as-built drawings in order to determine the level of sampling required on future submissions. Currently no ROR has been issued formally or in draft format on the as-built drawings.

3.0 Independent Competent Person Issues

- ICP liaison meeting 15 took place on 8th May 2013. The following is a record of the meeting. Full minutes have been produced for the meeting.
 - Case for Safety: A meeting was arranged with the ICP for 5th June 2013 to discuss the latest CfS and future submissions and our expectations.
 - Overview of CEC Sampling: The ROR's raised were discussed to put into context the comments and the approach being taken by the technical team. Further to this the sampling follows the processes proposed by B&S to determine they have been followed. .
 - Specific Areas of Concern were discussed as items if not satisfactorily addressed and documented would delay the sampling:
 - Vehicle Whole Body Twist vs Track Alignment
 - Confirmation the Track installed satisfies the MMU study:
 - DKE Items
 - Junction control
 - Signalling/Track Interface
- The above is not an exhaustive list of expectations however are specific areas of concern which will be closely reviewed technically.
- No new ICP correspondences were raised during the reporting period though there have been unofficial dialogue about:
 - Eastfield Avenue Junction which is on-going and may result in an Request For Information being issued by the ICP
 - York Place Tram Stop regarding the design. The ICP has confirmed the design is not of concern to him on safety grounds, however the Operator is required to demonstrate how they will use the stop should a second tram be stabled behind the stop. This is expected to form an operator procedure..
 - The restricted walkway parallel to the Scot Rail Depot due to the fence realignment. The ICP has requested further information.

ICP Correspondence	Open	Deferred	Closed	Total
Request For Information (RFI)	0	1	21	22
Request For Opinion (RFO)	0	0	27	27
Advice of Non-Conformance (ANC)	1	1	0	2
Notification of Non-Conformance (NNC)	0	0	0	0



4.0 B&S Design, Construction and Testing & Commissioning Assurance

Design

Electromagnetic Compatibility (EMC)

- There is no update from the previous report on this matter.

Trackform

- The informal track meetings appear to be working well and will be continued until SV has been completed. .

Testing & Commissioning

- There was no testing and commissioning this period.
- There are nine Section B tests remaining:
 - 6 No. relate specifically to the radio testing which is excluded from the Section B handover but are still being monitored through the Section B Testing and Commissioning Programme.

- 3 No. relate to the testing and commissioning of the tramstop lighting. Resolution of the positioning of the photocell and time clock is being discussed between CEC, B&S and Scottish Power.

5.0 Metrics

The SV team has not received an update on the Metrics inspections however it is their understanding that they are being progressed by T&T.

6.0 Requirements Management

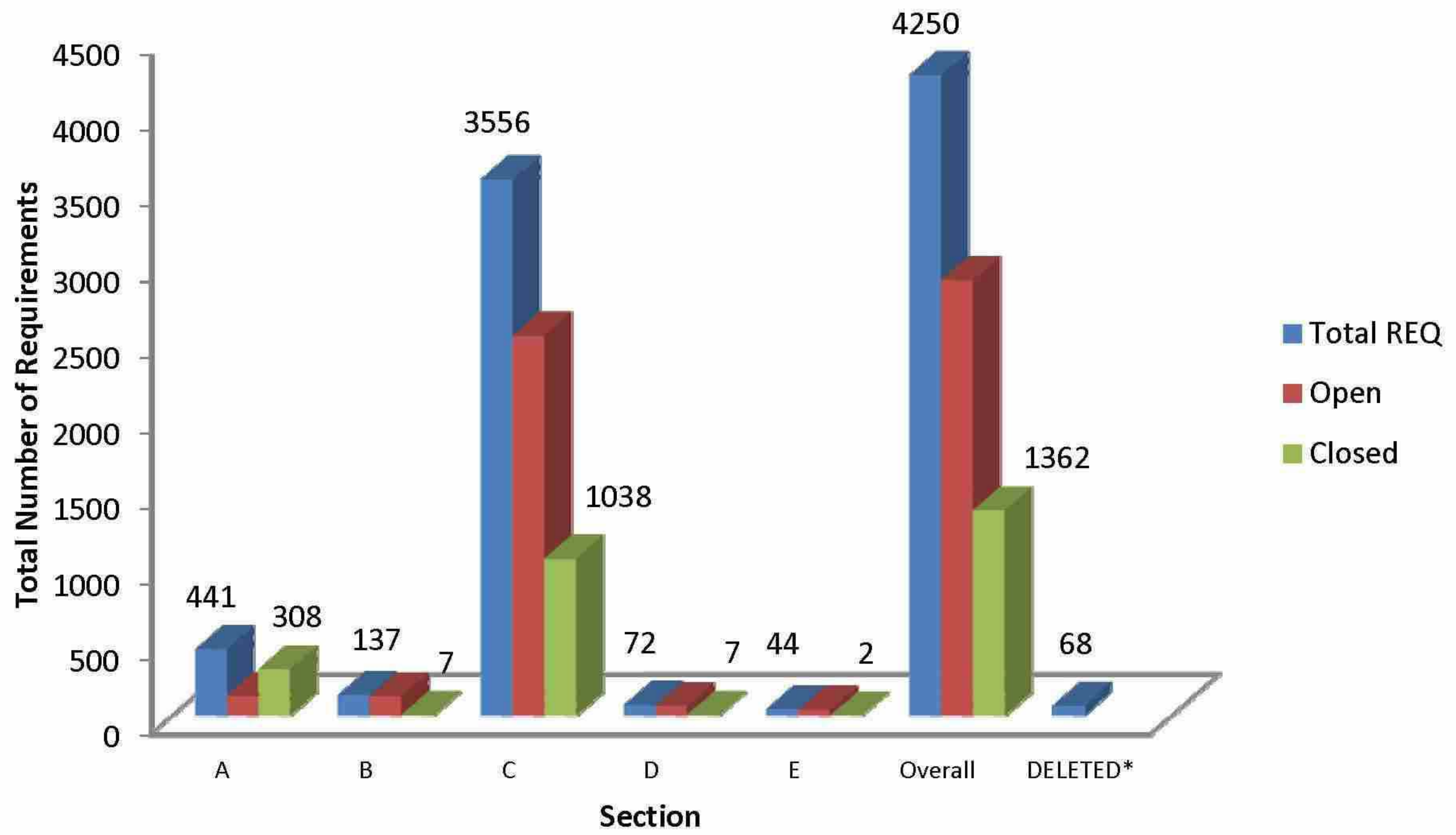
- Through the on-going review process, the total number of requirements changed from 4320 last period to 4250 this period (68 requirements have been deleted as a result of a concession or through the original mediation process grand total 4318).
- Review of requirements is currently focusing on requirements associated with Section A handover. Currently 308 out of 441 Section A requirements are deemed 'compliance confirmed' – 70%; discussions are on-going with B&S regarding the remaining Section A requirements, this is an increase of 18% since last month.
- A meeting has been arranged with Bilfinger (28th May 2013) to review their outstanding requirements.
 - Each requirement is now definitively assigned to a section – A, B, C, D, and E; where E is deemed as all works after Section D.
- In total 1362 requirements are now deemed 'compliance confirmed', this is a rise of 534 requirements since the last reporting period. A total of 32% of all requirements are now deemed compliance confirmed.
- A meeting was held with SDS/CEC/Infracore on the 3rd May 2013 to discuss Chapter 27 of the Employers Requirements. A number of queries were addressed in this meeting. However it was noted that further consideration needs to be given to changes made by CEC through the construction process which have not been picked up as part of the SDS design. The SV Team are to discuss this matter with CEC.
- Concession 61 is currently being reviewed by T&T and is expected to be addressed during the period.

Requirements Overview:

	A	B	C	D	E	OVERALL
Total Requirements for Period 1	441	168	Not Reported	Not Reported	Not Reported	4320
Total Requirements for Period 2	441	137	3556	72	44	4250
Total Compliance Confirmed Period 1	230	1	Not Reported	Not Reported	Not Reported	828
Total Compliance Confirmed Period 2	308	7	1038	7	2	1362
Percentage Complete Period 1	52	1	Not Reported	Not Reported	Not Reported	19
Percentage Complete Period 2	70	5	29	10	5	32
Percentage Variation	+18%	+4%	\	\	\	+13%

❖ *Current status highlighted in Green. Section E is defined as all works after Section D.*

Requirements - Current Position



**Deleted Without Section defined as a result of either concessions or Mediation results*

Appendix 2 – Cost Report

Edinburgh Trams
City of Edinburgh Council



Reporting Period: 13-02 - Rev 0 - 25/05/2013

Section 1 - Project Summary

	Budget Information			Committed			Forecast					Third Party Contributions		Variance		Actuals	
	A	B	C = A + B	D	E	F = D + E	G	H	I	J	K = F + G + H + I + J	L	M = K - L	N = M - C	O = M / C - 1	P	Q
	Original Budget	Budget Variation	Current Budget	Original Contract Value	Approved Contract Changes	Current Contract Value	Changes in Progress	Anticipated Change	Opportunities	Risk / Mitigated	Anticipated Final Cost	Estimated Contribution Value	Anticipated Final Project Cost	Budget Variance (Value)	Budget Variance (%)	COWD to Date	Outstanding Amount
Edinburgh Tram Programme	500,154	0	500,154	479,660	27,517	507,177	4,833	2,887	0	1,400	516,297	-8,057	508,240	8,086	2%	474,332	32,845
1 Infraco - Off Street	360,060	6,856	366,916	362,501	6,856	369,357	3,395	263	0	0	373,015	-6,064	366,951	35	0%	352,135	17,222
2 Infraco - On Street	38,817	3,267	42,084	47,384	3,267	50,651	1,403	181	0	0	52,235	-1,693	50,542	8,458	20%	37,083	13,568
3 Infraco - Other	3,218	0	3,218	3,218	0	3,218	0	0	0	0	3,218	0	3,218	0	0%	1,226	1,992
2.1 York Place Direct Works	0	1,340	1,340		1,340	1,340		100			1,440		1,440	100	7%	1,440	-100
4.1 Utilities (Post Mediation)	1,812	15,265	17,077	1,812	15,265	17,077	0	1,627	0	0	18,704	0	18,704	1,627	10%	18,083	-1,006
4.2 Legacy Utilities (Revised Tram Route)	0	1,411	1,411	0	1,411	1,411	0	416	0	0	1,827	0	1,827	416	29%	1,681	-270
4.3 Legacy Utilities (Leith Walk)	1,100	-627	473	1,100	-627	473	0	0	0	0	473	0	473	0	0%	473	0
5 Tram vehicles	62,400	5	62,405	63,645	5	63,650	35	300	0	0	63,985	-300	63,685	1,280	2%	62,211	1,439
6 Project Management (refer to CEC Report)		0	0			0					0		0	0			
7 Preparing for Operations (refer to CEC Report)		0	0			0					0		0	0			
8 Specified Risk Allowance	32,747	-27,517	5,230	0	0	0	0			1,400	1,400		1,400	-3,830	-73%	0	0

Comments:
Report excludes Enabling work packages reported under T19 and utilities reported under T18
Contributions include amounts relevant to reported budgets only. Any further contributions are reported by CEC.
Includes changes issued to 15/9/12

Risk:
No allowance included for ex-contract payments

Actions
Ongoing risk mitigation of major risks.
Realisation of opportunities associated with specification reductions (road surfacing) and time (York Place)

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Infraco Cost Report Section 1 - Commercial Summary

	Budget Information			Committed			Forecast					Third Party Contributions		Variance		Actuals	
	A	B	C = A + B	D	E	F = D + E	G	H	I	J	K = F + G + H + I + J	L	M = K - L	N = M - C	O = M / C - 1	P	Q
	Original Budget	Budget Variation	Current Budget	Original Contract Value	Approved Contract Changes	Current Contract Value	Changes in Progress	Anticipated Change	Opportunities	Risk / Provision	Anticipated Final Cost	Estimated Contribution Value	Anticipated Final Project Cost	Budget Variance (Value)	Budget Variance (%)	COWD to Date	Outstanding Amount
Infraco Contract	402,095	10,123	412,218	413,103	10,123	423,226	4,798	444	0	0	428,468	-7,757	420,711	8,493	3.94%	390,444	32,782
Off Steet	360,060	6,856	366,916	362,501	6,856	369,357	3,395	263	0	0	373,015	-6,064	366,951	35	1.66%	352,135	17,222
00 Preliminaries and Other Items	150,408	8,369	158,777	150,409	8,369	158,778	3,300	-380	0		161,698	0	161,698	2,921	1.84%	142,385	16,393
01 Newhaven Road to Haymarket	85,368	-5,314	80,054	87,738	-5,314	82,424	0	0	0		82,424	-318	82,106	2,052	2.96%	84,552	-2,128
02 Haymarket Corridor	8,692	107	8,799	8,692	107	8,799	13	0	0		8,812	-13	8,799	0	0.15%	8,317	482
05 Roseburn Junction to Gogar	80,035	3,446	83,481	80,105	3,446	83,551	79	643	0		84,273	-4,631	79,642	-3,839	0.95%	81,120	2,431
06 Depot	19,979	380	20,359	19,979	380	20,359	3	0	0		20,362	0	20,362	3	0.01%	20,229	130
07 Gogar to Edinburgh Airport	15,578	-132	15,446	15,578	-132	15,446	0	0	0		15,446	-1,102	14,344	-1,102	0.00%	15,532	-86
On Street	38,817	3,267	42,084	47,384	3,267	50,651	1,403	181	0	0	52,235	-1,693	50,542	8,458	24.12%	37,083	13,568
00 Preliminaries and Other Items	21,837	95	21,932	21,837	95	21,932	0	0	0		21,932	0	21,932	0	0.00%	14,094	7,838
01 Newhaven Road to Haymarket	16,980	3,172	20,152	25,547	3,172	28,719	1,403	181	0		30,303	-1,693	28,610	8,458	50.37%	22,989	5,730
Other	3,218	0	3,218	3,218	0	3,218	0	0	0	0	3,218	0	3,218	0	0.00%	1,226	1,992
00 Maintenance & Mobilisation	2,205	0	2,205	2,205	0	2,205	0	0	0		2,205	0	2,205	0	0.00%	1,226	979
00 Spare Parts	1,013	0	1,013	1,013	0	1,013	0	0	0		1,013	0	1,013	0	0.00%	0	1,013

Comments:

Summary sheet values in £k. All other sheet values in £.
Opportunities include for time saving based on current QSRA.
Excludes £3.2m phase 1b payment (refer to budget T19.C)

Risk

Refer to Risk register for risks identified against infraco programme
All risk is held at programme level. This section of the cost report makes no allowance for risk.
Refer to the outputs of the QCRA/QSRA for further information on risk.

Actions

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TNC No.	Description	Forecast Amount	Previous Period	Change from Previous Period	Notes	Section Code	Change Code
501	Hawthornevale Cycle Link - Change the design to widen the footway alongside the south side of Lindsay Road	20,021	20,021	0		01	01
502	Amend the design of Ocean Drive to reinstate the footpath to the north of Ocean Drive	10,231	10,231	0		01	01
503	OLE temporary portals at depot access bridge to allow finalisation without Edinburgh Gateway	67,646	67,646	0	Edinburgh Gateway funding	05	01
504	Review of the banned right turn into Blenheim Place as part of the design for Section 1C2 roads	46,247	46,247	0		01	01
505	York Place Terminal Point - Production of a feasibility report, initial feasibility design for option ii), run time modelling etc	228,653	228,653	0		01	01
506	Design for providing a new cycleway from the Mound to Princes Street	9,437	9,437	0		01	01
506.1	Design for providing a new cycleway from the Mound to Princes Street	1,669	1,669	0		01	01
507	Provide a clarification report and completion of the St. Andrew's Square Public Realm design	135,143	135,143	0	Included within contributions	01	01
508	Obtain EAL approval for the highways design drawings at Eastfield Avenue tram crossing	10,025	10,025	0		07	01
509	Design of Cathedral Lane Substation	233,596	233,596	0		01	01
511	Storm Water Connection from Gogar Lodge to the landowners new septic tank	5,750	5,750	0		05	01
512	Re-design of Ocean Terminal Bypass Road	53,685	53,685	0		01	01
513	Revised design to minimise utility diversions / conflicts - used for slit trenching and trial holes	156,870	156,870	0		01	02
514	Utility Mapping	92,756	92,756	0	Time chargeable costs. L&M Surveys and Class One. Complete	01	02
516	Additional Water main requirement at Depot and Mini Test Track	51,282	51,282	0		06	01
517	Additional BT Ducts at Depot and Mini Test Track	2,996	2,996	0		06	01
520	Valve chamber access and alteration works to 800mm water main at the Depot	105,326	105,326	0		06	01
524	Airport to Gyle - NIL Design Finalisation (also includes Construction)	-40,559	-40,559	0		07	01
525	Airport to Gyle - Site Access for Remedial Works	0	0	0	all costs associated with this change allocated to TNC 576	07	01
526	Airport to Gyle - Tram Delivery Temporary Works	6,878	6,878	0		07	01

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TNC No.	Description	Forecast Amount	Previous Period	Change from Previous Period	Notes	Section Code	Change Code
529	Design Gogar Castle Access Road tram crossing and approaches	31,308	31,308	0		05	01
530	Amend the design of the Depot Road turning head as per RDC191. Option 2	30,458	30,458	0		06	01
531	Edinburgh Gateway - Advance Temporary Works design	9,349	9,349	0		05	01
534	SP Insurance Ducts - Install Insurance ducts at various locations	5,637	5,637	0		07	01
536	System Wide - Tramstop Cabinets - reduction in 10 years maintenance liability	0	0	0	No saving to contract	01	01
538	Depot - Tramwash Continuous Mode - Requirement for additional hand lances washers	0	0	0	Change rejected - included within contract	06	01
539	System Wide - Delay in signing - impact on commencement and completion - costs incurred at front end of programme	2,606,545	2,364,718	241,827	Amount relates to costs incurred by BBS due to delay in contract signing for early mobilisation. T&T have requested further evidence of these costs. However, BBS have refused to provide any further information.	00	04
540	Section 7 - Plot 304 - Omit Landscaping works	-201,120	-201,120	0		07	01
541	Princes Street - City Chamber - Annandale Street Communication Links. Usage of CEC available BT-Lines to avoid provision of direct FO link from Princes Street to City Chambers	180,000	180,000	0	Off and on street combined under Clause 80. Returned estimate £165,642.28. However, this excludes spares which need to be added	01	01
544	Extension to Edinburgh Park Office to accommodate CEC / Transport Scotland	159,900	159,900	0		00	01
546	Increased number of drainage boxes including installation	21,482	21,482	0		00	02
550	Shandwick Place OLE & Landscape Design Revision	0	0	0	Design costs to be grouped under tnc 562 (BBS PMC 045)	01	01
553	SDS to provide the services of Matt Fell until August 2012	141,731	141,731	0		00	02
555	Haymarket - OLE 196B design revision to avoid main sewer	0	0	0	Design costs to be grouped under tnc 562 (BBS PMC 045)	01	02
556	Track Work Materials York Place to Newhaven - Price Fixing for Rheda City C and D	0	0	0	Included in VE register	01	01
557	Haymarket 1 - OLE Base Relocations (Design mods)	0	0	0	Design costs to be grouped under tnc 562 (BBS PMC 045)	01	02
558	Site Wide - Provision of a CAD Technician	1,693	1,693	0		01	02

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TNC No.	Description	Forecast Amount	Previous Period	Change from Previous Period	Notes	Section Code	Change Code
559	Detailed Design of York Place	56,438	56,438	0	tnc issued - awaiting BBS estimate	01	01
560	St. Andrew Square - Omit work North South & West St Andrew Square and St David Street	-2,156,490	-2,156,490	0	Includes all descoped works	01	02
561	Omit all works at the Forth Ports area	-2,443,000	-2,443,000	0	Work deleted from scope.	01	01
562	On Street Generally - OLE Design Changes for On Street Section (PMC 045) - SIEMENS DESIGN WORKS	146,675	146,675	0	Includes original tnc 550, 555, 563	01	02
563	On Street - Amend pile caps from square / rectangular to circular	0	0	0	Design costs to be grouped under tnc 562 (BBS PMC 045)	01	02
565	Advanced design works for Edinburgh Gateway Minimum Option	2,599	2,599	0		05	01
565.1	Advanced design works for Edinburgh Gateway Minimum Option	3,350	3,350	0		05	01
566	On Street Generally - Ducting Design Changes Due to Utilities Conflicts	70,000	70,000	0		00	02
567	On Street Generally - Drainage Design Changes Due to Utilities Conflicts	155,000	155,000	0		00	02
568	On Street Generally - Trackform Design Changes Due to Utilities Conflicts	40,000	40,000	0		00	02
569	Additional Running Costs associated with the extension to the Edinburgh Park offices	79,200	79,200	0		00	01
571	Hope Street Junction Design	13,640	13,640	0		01	01
572	Cathedral Lane Substation - Retaining Wall Design	34,459	34,459	0		01	01
574	Haymarket Station - Delete viaduct cladding	-5,571	-5,571	0		02	01
576	Depot - Reinstatement to 250mm Water main Remedial Works	36,788	36,788	0		07	01
577	Haymarket Viaduct - Deletion of Sub Station Retaining Wall and Plinth	-4,608	-4,608	0		02	01
578	SI Provisional Sum Allowance	-57,984	-57,984	0		01	02
580	Cancellation of trackwork materials York Place to Newhaven	-1,100,000	-1,100,000	0	Change resulting from value engineering exercise	01	02
581	Omit Siemens work to Tower Place and Victoria Dock bridges	-100,000	-100,000	0	Change resulting from value engineering exercise	01	02
582	Delete proposed cladding installation costs on Roseburn Viaduct Structures	-308,004	-308,004	0	Change resulting from value engineering exercise	05	01

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TNC No.	Description	Forecast Amount	Previous Period	Change from Previous Period	Notes	Section Code	Change Code
585	Descopie of Service Vehicle	-21,565	-21,565	0		00	01
586	St Andrew Square - tie in detail	15,228	15,228	0	Change resulting from value engineering exercise	01	01
587	Revise design for amendments to setts areas and specification	15,512	15,512	0	Subject to separate CEC budget	01	01
589	Descoping airport tramstop kiosk and canopy	-150,000	-150,000	0		07	01
591	Diversion of Scottish Power Cable at Haymarket Viaduct	19,842	19,842	0	NR contribution	05	01
593	Secondary Phase 1a - Cessation of Design Work North of York Place	0	0	0	Saving opportunity being investigated in relation to future ownership of design etc prior to finalising value.	01	01
594	Edinburgh Gateway slope option - design costs	0	0	0	Costs included in tNC 643	05	01
595	Haymarket Viaduct - Deletion of fitting out of Crew Relief Facility	-74,001	-74,001	0		05	01
597	Section 1D - Omit disconnection of Bus Tracker	-14,928	-14,928	0		01	01
601	Clarification on length of shelter to RBS tram stop (8m)	27,863	27,863	0		05	01
602	Omit purchase of poles for PIDs North of York Place	-23,740	-23,740	0		01	01
603	Bus Tracker Interface Specification	11,535	11,535	0	Cost based on option 2	01	01
605	Depot - Sub-Station Switching	130,500	130,500	0	Cost previously forecast to be borne by operator beyond Section B completion. Now allowed for up to January 2014 (Operator will take over function at this time)	06	03
607	Delete 110v sockets on On Street Tram Stops	-6,154	-6,154	0		01	01
608	Delete 110v sockets on Off Street Tram Stops	-36,851	-36,851	0		05	01
609	Traffic Management provision in section 1A	133,140	133,140	0		01	03
610	Edinburgh Gateway - Siemens Long Lead Items	0	0	0	Costs included in tNC 643	05	01
615	Haymarket Viaduct - design wall for blocking off void under the bridge deck as a result of the crew relief facility being omitted	1,900	1,900	0		05	01

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TNC No.	Description	Forecast Amount	Previous Period	Change from Previous Period	Notes	Section Code	Change Code
616	Haymarket Viaduct - construct wall for blocking off void under the bridge deck as a result of the crew relief facility being omitted	10,798	10,798	0		05	01
617	Tram stops branding changes. Requirement for etched glass to be confirmed	0	0	0	Value TBC	05	01
618	Gogar Depot 1800 mm Diameter Manhole - TQ736	6,176	6,176	0		06	01
619	Omit Track Welding Equipment	-14,420	-14,420	0		06	01
620	Airport Tram Stop Design	17,784	17,784	0		05	01
621	Amend the dates of the HV meter installation at substations	12,507	12,507	0		05	01
622	LV power for sub-station and Tramstop.	-1,000	-1,000	0	Power bills paid by CEC to be recovered from Infraco	05	01
623	Repair minor damage to Depot (Intercom, fence panel and broken slabs)	1,867	1,867	0		07	01
624	Compressed Air Supply to Depot Gantry Road and workshop	4,646	4,646	0		07	01
625	Engineering attendance on site at Cathedral Lane.	0	0	0	All costs captured against tNC 566	01	01
627	Delete pedestrian guardrail in the area outside St John's Church (Design)	0	0	0	No costs related to tNC	01	01
632	Resolve Depot Building water ingress	0	0	0	Assumed to be BBS liability	06	01
636	Twin Crossing at Lochside Avenue	37,152	37,152	0	Includes abortive cost of work carried out to date. Full forecast £140k as assumed work will no longer be carried out.	05	01
640	Unimog Insurance	-1,000	-1,000	0		00	01
643	Edinburgh Gateway Construction	3,416,010	3,416,010	0	Construction costs; excludes fees and OLE Poles (refer to tNC 594 & 610). Excludes any contingency which is reported separately by Transport Scotland	05	01
647	Design work to support VE on carriageway reconstruction & kerb realignment	50,000	50,000	0		01	01
648	Cabinet Position For Street Lighting - design	10,000	10,000	0	Provision of as-built drawings	01	01
649	Princes Street Blister - Design Works	0	0	0	No cost impact	01	01

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TNC No.	Description	Forecast Amount	Previous Period	Change from Previous Period	Notes	Section Code	Change Code
652	Maintenance of The Depot Workshop Equipment	65,000	65,000	0		06	01
653	Provision of IFC Drawings in DWG CAD format	4,924	4,924	0		01	01
655	Revise CCTV & PA coverage at Murrayfield tram stop	19,975	19,975	0		05	01
657	Drainage As Built Drawings - Princes Street	3,271	3,271	0		00	01
662	Eastfield Avenue Topographical Survey	2,587	2,587	0		07	01
663	Heras fencing at depot	6,424	6,424	0		06	01
664	Gogar Castle Access Road - Additional High Friction Surfacing	3,186	3,186	0	Requirements being investigated	07	01
666	Pedestrian gate next to the vehicle access gate at the ScotRail Depot.	4,906	4,906	0		05	01
667	Call off service to respond to Network Rail TQs and interface issues	20,000	20,000	0		05	01
668	De-scoping of Infraco works in York Place to be undertaken direct by Crummock.	-1,015,156	-1,015,156	0		01	01
669	SGN Remedial Works - backfill at New Ingliston Land	16,064	16,064	0		07	03
670	SDS Response to Road Safety Audit for Princes St	1,611	1,611	0		01	01
671	ScotRail car park security fence	10,000	10,000	0	Contribution from ScotRail to be reviewed	05	01
672	Amend drainage drawings to incorporate changes introduced through redesign process	21,000	21,000	0	Not to be provided by Infraco	06	01
673	Cancel order for OLE poles required for Secondary Phase 1a	-41,789	-41,789	0		01	01
674	Topographical survey at Eastfield avenue - DESIGN	0	0	0		07	01
675	Remove concrete around the water meter at the ScotRail Depot.	12,507	12,507	0		05	01
676	Design associated with work to Lord Bodo's Bar	0	0	0	BBS confirmed that the design work associated with this has been incorporated into PMC46 (tNC566). (25.1.201/SN/9826)	01	01
679	Works to prevent water stagnation at Depot (L8 Compliance)	0	0	0	Nil cost	06	01

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TNC No.	Description	Forecast Amount	Previous Period	Change from Previous Period	Notes	Section Code	Change Code
683	Carry out trial holes to locate 125mm diameter pipe at Depot	3,348	3,348	0		06	01
684	Repair works to utility trough cover slabs damaged by tram deliveries	938	938	0	Potential opportunity to recharge to CAF contract	06	01
685	Provide technical information on Lindsay Road works	7,090	7,090	0		01	01
689	CAD resource and engineering support to revise drawings to show the layout required for Road Sign Bases, Street Light Columns, Traffic Signal Poles, Ducting and Chambers to avoid utilities	106,000	106,000	0		01	01
690	Remedial work to repair West Shunt line at Haymarket Depot	76,413	76,413	0		05	01
691	Cathedral Lane re-design	46,569	46,569	0		01	01
694	Traffic Light de-scope to West St Andrew St	-189,460	-189,460	0		01	01
695	Tanker Access Edinburgh Airport	1,445	1,445	0		07	01
696	SGN as Builts for New Ingliston Limited	3,414	3,414	0		07	01
701	Reinstatement works at the Airport	85,000	85,000	0		07	01
702	Eastfield Avenue Pedestrian Crossing	24,562	24,562	0		07	01
703	Repair Switch Rail at Depot	831	831	0		06	01
704	Redesign of St Andrew Square - East	9,207	9,207	0		01	01
705	Re-design works due to NWR fence encroaching into the LoD	13,669	13,669	0		05	01
708	RailCom Software Interface	0	0	0	No cost impact	00	01
709	ScotRail Car park landscaping	0	0	0	No cost impact	05	01
711	Delete fence at Murrayfield tramstop and installation of fence at Royal Mail and ScotRail car park.	0	0	0	nil cost impact forecast - to be agreed with BBS	05	01
712	New fence and ramp at Murrayfield Wanderers FC	37,762	37,762	0	Original forecast increased to include additional work agreed with Murrayfield Wanderers	05	01
713	Haymarket - construction works outwith LOD	117,347	117,347	0		02	01

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TNC No.	Description	Forecast Amount	Previous Period	Change from Previous Period	Notes	Section Code	Change Code
714	Edinburgh Park Central - Amend design to utilise CEC control panel	12,078	12,078	0		05	01
717	Cost Engineering in respect of the Programme (22 week saving)	5,114,017	4,844,858	269,159	Instructed by CEC. Refer to T&T letter dated 31/10/2012	00	01
719	Clarification of requirements for installation of fare collection equipment	13,710	13,710	0		05	01
721	Installation of section isolators on the MTT.	23,519	23,519	0		07	01
723	Princes Street road safety audit for release of full Princes St plug	675	675	0		01	01
724	Murrayfield SW pipe - provide design calculations	3,266	3,266	0		05	01
725	Provision of DWG drainage drawings for handover to Scottish Water	1,576	1,576	0		05	01
726	Remove Murrayfield Thistle	-6,120	-6,120	0		05	01
731	Murrayfield SW pipe - provide CAD drawing to allow McNicholas to mark up the position on the sewer	120	120	0		05	01
736	Road Markings for Bus Stops and Loading Bays on Shandwick Place	2,500	2,500	0		01	01
737	Lower BT chambers at South Gyle to sit flush with ground level	-37,870	-37,870	0		05	01
742	South Gyle junction site survey	10,000	10,000	0		05	01
744	Carrickknowe golf course - additional drainage to alleviate flooding	10,000	10,000	0		05	01
746	Undertake imprinted prismo works at Murrayfield Tramstop.	0	0	0	No cost impact	05	01
748	Depot stabling area - additional power supply	0	0	0	No cost impact	06	01
750	Gogar Castle Access Road - Additional HFS and road safety signage	6,282	6,282	0		07	01
751	Gogarburn Hoarding - remove off site (hoarding originally installed by MUDFA)	2,468	2,468	0		07	01
752	Gogarburn Tramstop - New handrail to ramp	1,511	1,511	0		07	01
753	Additional retaining measures at Network Rail OLE stanchions	0	0	0	Refer to Anticipated change	05	01
754	Additional earthing & bonding to demarcation fencing along Network Rail corridor	0	0	0	To be drawn down through immunisation budget	05	01

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Infraco Cost Report Section 2A - Approved Change - Clause 80

TNC No.	Description	Forecast Amount	Previous Period	Change from Previous Period	Notes	Section Code	Change Code
755	Relocate signage at Gogarburn tram stop	583	583	0		07	01
757	Concession No 12 - Rerailment facility at Depot - remove requirement for the pointwork	-30,000	-30,000	0		06	01
759	Re-grading works outwith the LOD at Eastfield Avenue pedestrian crossing	23,345	23,345	0		07	01
762	Omit junctions 22 and 26 from scope (Siemens cost only)	-198,998	-198,998	0	Saving offset by tNC 763	01	01
763	SPRUCE traffic control system	198,995	198,995	0	Cost offset by tNC 762	01	01
Total		6,856,228	6,345,242	510,986			

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Infraco Cost Report Section 2B - Approved Change - Schedule 45

IC Ref No	Description	Agreed Amount	Previous Period	Change from Previous Period	Notes	Section Code
001	Independent Certifiers Schedule Part 45 Period End Change Order to 15/10/2011	8,593	8,593	0	Includes TNC 513, TNC 543, TNC 521	01
002	Independent Certifiers Schedule Part 45 Period End Change Order to 12/11/2011	102,135	102,135	0	Includes TNC513, TNC 521, TNC 528, TNC 535, TNC 543, TNC 547, TNC 548, TNC 549	01
003	Independent Certifiers Schedule Part 45 Period End Change Order to 10/12/2011	357,140	357,140	0	Includes TNC535, TNC543, TNC548, TNC549, TNC551	01
004	Independent Certifiers Schedule Part 45 Period End Change Order to 6/1/2012	158,870	158,870	0	Includes TNC535, TNC543	01
005	Independent Certifiers Schedule Part 45 Period End Change Order to 4/2/2012	332,812	332,812	0	Includes TNC535, 543, 551, 554, 596, 598	01
006	Independent Certifiers Schedule Part 45 Period End Change Order to 3/3/2012	244,645	244,645	0	Includes TNC543, 547, 554, 600, 604, 606	01
007	Independent Certifiers Schedule Part 45 Period End Change Order to 31/3/2012	209,363	209,363	0	Includes TNC 543, 547, 554, 600, 604, 606, 629, 630	01
008	Independent Certifiers Schedule Part 45 Period End Change Order to 28/4/2012	235,258	235,258	0	Includes TNC 543, 554, 590, 596, 600, 604, 606, 629, 630, 631	01
009	Independent Certifiers Schedule Part 45 Period End Change Order to 26/5/2012	-33,988	-33,988	0	Includes TNC 543, 547, 549, 554, 570, 584, 590, 596, 600, 604, 606, 629, 630, 635, 645	01
010	Independent Certifiers Schedule Part 45 Period End Change Order to 23/6/2012	286,757	286,757	0	Includes TNC 547, 549, 554, 596, 599, 600, 606, 613, 629, 630, 635, 637, 639, 645	01
011	Independent Certifiers Schedule Part 45 Period End Change Order to 21/7/2012	169,141	169,141	0	Includes TNC 543, 547, 554, 583, 600, 606, 629, 630, 635, 639, 645	01
012	Independent Certifiers Schedule Part 45 Period End Change Order to 18/8/2012	129,875	129,875	0	Includes TNC 547, 554, 600, 606, 639, 645, 698	01
013	Independent Certifiers Schedule Part 45 Period End Change Order to 15/9/2012	286,456	286,456	0	Includes tNC 554, 584, 596, 599, 600, 606, 639, 641, 645, 693	01
014	Independent Certifiers Schedule Part 45 Period End Change Order to 13/10/2012	111,120	111,120	0	Includes tNC 543, 554, 584, 596, 599, 600, 604, 606, 639, 641, 681, 693	01
015	Independent Certifiers Schedule Part 45 Period End Change Order to 10/11/2012	195,887	195,887	0	Includes tNC 543, 547, 554, 564, 583, 584, 599, 600, 606, 637, 639, 641, 665, 678, 680, 682, 687, 693	01
016	Independent Certifiers Schedule Part 45 Period End Change Order to 8/12/2012	269,773	269,773	0	Includes tNC 543, 554, 583, 584, 599, 606, 629, 639, 641, 665, 678, 682, 687, 693, 700, 735	01
017	Independent Certifiers Schedule Part 45 Period End Change Order to 5/1/13	152,336	152,336	0	Includes tNC 554, 583, 584, 606, 614, 639, 641, 660, 693, 699, 707, 728	01
018	Independent Certifiers Schedule Part 45 Period End Change Order to 2/2/13	188,027	188,027	0	Includes tNC 554, 584, 599, 606, 639, 641, 678, 682, 687, 697, 728, 729, 735, 740	01
019	Independent Certifiers Schedule Part 45 Period End Change Order to 2/3/13	-19,516	-19,516	0	Includes tNCs 543, 554, 583, 584, 596, 606, 635, 639, 641, 678, 680, 682, 693, 697, 700, 728, 729, 735, 740, 756, 766	01

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Infraco Cost Report Section 2B - Approved Change - Schedule 45

IC Ref No	Description	Agreed Amount	Previous Period	Change from Previous Period	Notes	Section Code
020	Independent Certifiers Schedule Part 45 Period End Change Order to 31/3/13	-117,355		-117,355	Not yet finalised - TM to be reviewed.	01
		0				
Total		3,267,328	3,384,683	-117,355		

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Infraco Cost Report Section 3A - Change in Progress - Clause 80

TNC No.	Description	Forecast Amount	Previous Period	Change from Previous Period	Notes	Section Code	Change Code
527	Ingliston - Reimbursement of Costs paid directly to SGN for the diversion of approximately 120m of 10" steel IP gas main to accommodate the new Edinburgh Tram at Ingliston	0	0	0	Saving from Infraco, not included during the period as cost not shown in utility budget	07	01
539.1	System Wide - Delay in signing - impact on commencement and completion - prolongation costs at end of programme	1,934,616	2,176,443	-241,827	Entitlement and certification governed by IC Opinion and CEC Instructions	00	04
628	Prepare MUDFA As Built drawings	0	0	0	Requirement withdrawn - to be carried out as part of the mcNicholas contract.	01	01
651	Defer Off Street Tramstop Shelter Installation and Fit-out	50,000	50,000	0		05	01
661	Blank off signage to Depot	0	0	0	It is assumed that this will no longer be required	05	01
710	Gogar Depot - Repair areas of damaged flooring	3,000	3,000	0		06	01
717.1	Cost Engineering in respect of the Programme (22 week saving)	1,345,794	1,614,953	-269,159	Instructed by CEC. Refer to T&T letter dated 31/10/2012	00	01
720	Resolution of clash between security gate and trash compactor gate - ScotRail Depot	2,000	2,000	0		05	01
732	Roseburn Street road build up - descope	0	0	0		05	01
745	Remove buff coloured HFS from Carrick Knowe Bridge and Edinburgh Park Viaduct	0	0	0	Nil cost	05	01
758	Desclope antiskid on approaches to signals at Haymarket Terrace and Haymarket Yards	-2,500	-2,500	0		02	01
760	Reduce requirement for as-built drawings from 5 to 1.	0	0	0	Saving to be confirmed	00	01
764	Desclope sewers to Edinburgh Gateway	0	0	0	Saving to be confirmed	05	01
765	Additional fencing along the railway corridor	27,000	27,000	0		05	01
767	Re-packing vested substation equipment	0	0	0	Requirement still to be confirmed	00	01
770	Haymarket Station redevelopment works - removal of parapet wall	0	0	0	Any costs associated with this tNC to be picked up by Network Rail	02	01
771	DKE Survey	20,000	0	20,000		00	01
773	Water of Leith Bridge lighting	15,000	0	15,000		02	01
Total		3,394,910	3,870,896	-475,986			

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Infraco Cost Report Section 3B - Change in Progress - Schedule 45

TNC No.	Description	In Progress	Certified	Total Forecast	Previous Period	Change from Previous Period	Notes	Section Code	Change Code
513.1	Revised design to minimise utility diversions / conflicts - used for slit trenching and trial holes	0	17,210	17,210	17,210	0		01	02
521	Haymarket - Temporary Accommodation	0	1,543	1,543	1,543	0		01	02
522	Haymarket 1 - Road Reconstruction	0	0	0	0	0	Included in VE register	01	02
523	Haymarket 1 - Additional CBR / Plate Testing	0	0	0	0	0	Included within on street priority works (contract milestones)	01	02
528	Haymarket 1 - Slit trench excavation to validate utilities	0	6,565	6,565	6,565	0	Included within on street priority works (contract milestones)	01	02
532	Princes Street - Temporary traffic management design - WITHDRAWN	0	0	0	0	0	No costs	01	02
533	Princes Street - 500mm Water Main Diversion	0	0	0	0	0	Costs contained within 535	01	02
535	Princes Street - 500mm Water Main Diversion - rev 3 dwg	0	252,986	252,986	252,986	0		01	02
537	Haymarket 1 - Additional visit of Tar planer to facilitate slewing of BT ducts - WITHDRAWN	0	0	0	0	0	Withdrawn	01	02
543	Haymarket H1 - Utilities affecting the construction of OHLE foundations	6,313	276,904	283,216	283,216	0	Only covers section H1. H2 to YP included in item 7 of Anticipated Change.	01	02
545	Site Wide - Power to bus trackers affecting the ability to remove site clearance items	0	0	0	0	0	McNicholas to remove. Contra charge BBS; allowance included for BBS attendance	00	02
547	Haymarket H1 - Third Party (McNicholas) affecting ability to progress the works	0	12,022	12,022	12,022	0		00	02
548	Haymarket H1 - BT Fibre Optic Service requires diverting	0	83,053	83,053	83,053	0		00	02
549	Princes Street - Amend the design of the St. Johns Church OLE bases	0	32,642	32,642	32,642	0		01	02
551	Princes Street - 2011 Christmas Embargo - Temporary Surfacing of Track Infills	0	203,511	203,511	203,511	0		01	02
552	Princes Street - BT diversion @ junction of Princes Street and South St. David Street	0	0	0	0	0	Costs included within TNC 535	01	02
554	St Andrew Square & Shandwick Place - Traffic Management Requirements	22,990	318,349	341,339	341,339	0	Refer to Revised issue of TNC	01	02
564	Worksite Modelling - (TM)	0	6,023	6,023	6,023	0		01	03
570	Omit the Removal of Trees in Shandwick Place	944	-6,711	-5,767	-5,767	0		01	02

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Infraco Cost Report Section 3B - Change in Progress - Schedule 45

TNC No.	Description	In Progress	Certified	Total Forecast	Previous Period	Change from Previous Period	Notes	Section Code	Change Code
579	Removal of embargo and revised traffic management	0	0	0	0	0	Change resulting from value engineering exercise	01	02
583	Ordering setts for on street works	-178,993	158,993	-20,000	-20,000	0	Saving based on spreadsheet issued to CEC (GE to AC 22/05/2012). Final value still to be agreed with BBS	01	02
584	Road Reconstruction specification	-71,729	-108,271	-180,000	-220,000	40,000	Change resulting from value engineering exercise	01	02
588	Stafford St Return of Parking Spaces	0	0	0	0	0		01	02
590	New cycleway from The Mound into Princes Street	0	30,375	30,375	30,375	0		01	02
596	Section 1D - Costs associated with amended drainage design	8,125	-3,799	4,325	4,325	0		01	02
598	Section 1D - Incorporate geotextile liner into Clifton Terrace void in accordance with requirements from Archaeologist	0	1,760	1,760	1,760	0		01	02
599	Floating track slab	134,044	365,956	500,000	500,000	0	Bilfinger have agreed to deduct risk allowance and add actual scope only. Final detailed scope and price agreed with Siemens	01	01
600	Shandwick place - OLE bases affecting utilities (Piling)	0	335,028	335,028	335,028	0		01	02
604	St Andrew Sq - OLE bases affecting utilities (Piling)	0	43,429	43,429	43,429	0		01	02
606	York Place - Waverley Bridge - Works Delayed and disrupted as a result of works carried out by Third parties	85,508	434,017	519,524	519,524	0		01	02
611	Excavation of Track Slab to be carried out by McNicholas	-55,961	-44,039	-100,000	-100,000	0	Refer to Anticipated change section for costs	01	01
612	Tram stops branding changes. Requirement for etched glass to be confirmed (cost excluded)	0	0	0	0	0	Value TBC	00	01
613	Temporary Bus Station at St Andrew Square/Waterloo Place - design	40,293	8,885	49,178	49,178	0		01	01
614	Rothsay Place Traffic Management Amendment	2,762	7,238	10,000	10,000	0		01	01
629	Utilities affecting Track Excavation at Shandwick Place (S1)	753	41,030	41,783	41,030	753		01	02
630	Utilities affecting Track Excavation at Shandwick Place (S2)	0	26,867	26,867	26,867	0		01	02
631	Third parties affecting progress at Shandwick Place (S2)	0	7,161	7,161	7,161	0		01	02
633	Ponding on Princes St at junctions of Frederick St/Castle St	0	0	0	0	0	Costs included in OSWE - allocated to other tNCs	01	01

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Infraco Cost Report Section 3B - Change in Progress - Schedule 45

TNC No.	Description	In Progress	Certified	Total Forecast	Previous Period	Change from Previous Period	Notes	Section Code	Change Code
634	Descope duct installation at Cathedral Lane	0	0	0	0	0	Part of York Place descope	01	01
635	Amend on street drainage scope	0	13,115	13,115	13,115	0		01	02
637	St Andrew Square Pedestrian Crossing	1,193	5,213	6,406	6,406	0		01	01
638	Remove pedestrian guardrail outside St John's Church	5,000	0	5,000	5,000	0		01	01
639	York Place - Traffic Management Design	106,526	194,974	301,500	281,500	20,000		01	01
641	Cathedral Lane substation - scope change to suit Henderson Global requirements. Excludes demolition.	402,678	222,322	625,000	625,000	0	This allowance is for the extra over cost included in the contract for construction of the new tram substation. It includes allowances for the revised substation and associated retaining wall.	01	01
642	York Place temporary Tram Stop	794,000	0	794,000	944,000	-150,000	Excludes design work (see tNC 505) and sheet piling work to strengthen basement (included in risk allowance).	01	01
644	Finials for On Street Poles	0	22,880	22,880	22,880	0		01	01
645	Princes Street Outstanding Works	0	238,136	238,136	238,136	0		01	01
646	Cabinet Position For Street Lighting	20,000	0	20,000	20,000	0	Relates to locations only - assume no additional work	01	01
650	Princes Street Blister	0	0	0	0	0	Costs covered elsewhere in OSWE	01	01
654	De-scope coloured high friction surfacing at Princes / Sth St David Street Jctn	0	0	0	0	0	Savings contained in tNC 560	01	01
656	Defer On Street Tramstop Shelter Installation and Fit-out	10,000	0	10,000	10,000	0		01	01
658	Clarification of scope to Shandwick Place Wall	-32,260	-121,740	-154,000	-154,000	0	Work to be descope from BBS. No adjustment as work will be carried out by others.	01	01
659	Road signage at Junction of Manor Place / Melville Street	2,000	0	2,000	2,000	0		01	01
660	Princes Street Traffic Management	5,920	4,080	10,000	10,000	0		01	01
665	Removal of Princes Street "plug"	0	4,840	4,840	4,840	0	Current requirements to be established	01	02
677	Install 20mph roundels on Lansdowne Crescent	287	1,213	1,500	1,500	0		01	01

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Infraco Cost Report Section 3B - Change in Progress - Schedule 45

TNC No.	Description	In Progress	Certified	Total Forecast	Previous Period	Change from Previous Period	Notes	Section Code	Change Code
678	Temporary traffic management design at York Place to keep bus station access open	12,880	20,228	33,109	33,109	0		01	01
680	Coates Crescent - Bus running single lane	7,889	2,111	10,000	10,000	0	Feasibility study	01	01
681	Hoarding design for York Place	0	0	0	0	0		01	01
682	Descoped work associated with street lighting, road signage & traffic signals	-188,642	-161,358	-350,000	-350,000	0	Previously included in anticipated change section	01	01
686	Alter kerbs next to CEC Connection Manhole	1,000	0	1,000	1,000	0		01	01
687	Relaxation of specification Appendix 11/1 to allow new in lieu of recovered whin kerbs	35,000	87,890	122,890	122,890	0		01	01
688	Descoped footways outside Atholl & Coates Crescent	-13,000	0	-13,000	0	-13,000	Included in forecast for road reconstruction saving	01	01
692	Installation of additional traffic management measures around St. James Centre car park	15,000	0	15,000	15,000	0		01	01
693	Footway and kerbing reinstatement in Shandwick Place	4,527	27,781	32,308	32,308	0		01	01
697	Remedials to Clifton Terrace kerb and footway	7,032	4,847	11,879	10,000	1,879		01	01
698	Removal of Contaminated Material in SP4	0	61,619	61,619	61,619	0		01	01
699	Pedestrian walkway from Haymarket Station	1,395	3,605	5,000	5,000	0		01	01
700	Hope Street Junction Works	63,559	28,941	92,500	92,500	0		01	01
707	Traffic Management adjacent Apple store (Princes St)	7,951	2,049	10,000	10,000	0		01	01
716	On Street Building Fixings	0	0	0	0	0	Schedule E Exclusion form the contract	01	02
718	De-Scope High Friction Surfacing on Waverley Bridge	-6,425	0	-6,425	-5,654	-771		01	01
722	De-scope bus shelters, bus trackers and associated power supplies	-20,000	0	-20,000	-20,000	0		01	01
728	Pedestrian management requirements over Christmas shutdown	0	19,997	19,997	19,997	0		01	01
729	Princes St/South St Andrew St - Traffic Light Alterations	36,439	3,561	40,000	40,000	0		01	01
730	De-scope tram duct crossing at Haymarket	-5,000	0	-5,000	-5,000	0		01	01

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Infraco Cost Report Section 3B - Change in Progress - Schedule 45

TNC No.	Description	In Progress	Certified	Total Forecast	Previous Period	Change from Previous Period	Notes	Section Code	Change Code
733	Palmerston Place/West Maitland St/Torphichen Pl - Tactile Paving	5,000	0	5,000	5,000	0		01	01
734	West Maitland Street / Manor Place traffic signals	3,250	0	3,250	0	3,250	zero cost tNC for TLC bracket	01	01
735	Additional walls required at Queensferry Street/Hope St Junction	23,993	26,007	50,000	50,000	0		01	01
738	Descope Site Clearance Items	0	0	0	0	0		01	01
739	Dublin St Steps - clarification of scope	70,000	0	70,000	0	70,000	Refer to anticipated change section for cost allowance associated with amended scope	01	01
740	Haymarket Island - amend levels	0	4,428	4,428	4,428	0		01	01
741	Street Lighting poles - clarification of scope	-15,000	33,439	18,439	18,439	0	Assumes that CEC will credit project for unused light columns	01	01
747	Princes St. tram stop remedials	5,000	0	5,000	5,000	0		01	01
749	De-scope of footway works outside Haymarket Station	-5,000	0	-5,000	-5,000	0		01	01
756	Walkways at Shandwick Place for next two international rugby matches	0	1,680	1,680	2,197	-518		01	01
761	Modifications to traffic management at St David Street (signs; lining; signals; etc.)	31,000	0	31,000	31,000	0		01	01
766	Change to lantern specification for wall mounted floodlights.	13,255	6,745	20,000	20,000	0		01	01
769	Road barriers St Andrew Street / Princes Street	2,000	0	2,000	0	2,000		01	01
772	Delete requirement for McPhie recovery vehicles	0	0	0	0	0		01	01
Total		1,403,497	3,267,328	4,670,825	4,697,231	-26,406			

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Infraco Cost Report Section 4 - Anticipated Change

Ref No	Description	Forecast Amount	Previous Period	Change from Previous Period	Notes	Section Code	Change Code
4	Pricing Assumptions - 6.4.2.6 Dublin Street	0	70,000	-70,000	Costs now included in tNC 739	01	02
14	Roseburn Delta - non DDA footpath	0	30,000	-30,000	No design required. Temporary footpath alignment to be agreed on site. Potential modifications to surface water drainage resulting from revised earthworks and Scottish Water approvals. No claim from Bilfinger for these works.	05	01
24	Remove drainage from Infraco scope	-80,000	-80,000	0	Section 1D now included in tNC 68. Remaining allowance for section 1C to be finalised	01	01
28	Opportunity to reduce cost associated with the temporary tram stop at York Place	0	-150,000	150,000	Included within tNC 642	01	01
30	Schedule Part E, Item 8. Trackside Signage	37,320	37,320	0	Includes allowance for additional signage requirements identified during the testing and commissioning	01	01
32	Schedule Part E, Item 11. Unsuitable building fixings Section 1A	118,258	118,258	0	Initial verbal quote received from Siemens indicating that cost will be within this total	01	01
33	Schedule Part E, Item 12. SDS Lighting Design update impacts OLE combined poles	0	62,200	-62,200	Costs captured in tNC	01	01
45	TVM Installation - Off Street	125,000	125,000	0	Includes allowance for additional TVM's from contract requirements, relocating power and comms supplies as required to accommodate design and provision of bases.	05	01
46	TVM Installation - On Street	30,000	30,000	0	Includes allowance for additional TVM's from contract requirements, relocating power and comms supplies as required to accommodate design and provision of bases.	01	01
48	Additional track drainage boxes in St Andrew Square as per BS PMC 231	0	10,000	-10,000	Costs included in OSWE	01	02
49	Rescoping of work included in York Place Crummock contract	75,000	75,000	0	This is likely to include excavation of road outside of area excavated by Crummock and any fill required to make up levels not carried out as part of the Crummock contract	01	01

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Infraco Cost Report Section 4 - Anticipated Change

Ref No	Description	Forecast Amount	Previous Period	Change from Previous Period	Notes	Section Code	Change Code
51	Russell Road Retaining Wall	327,500	327,500	0	Work required to resolve proximity to Network Rail asset. Subject to discussions on liability between CEC / Bilfingers / Network Rail. IC agreed £50k on account payment to Bilfinger at period ending 2/2/13 application.	05	01
52	Additional retaining measures at Network Rail OLE stanchions	175,000	175,000	0	Work required to resolve proximity to Network Rail asset. Subject to discussions on liability between CEC / Bilfingers / Network Rail.	05	01
54	Re tamp main line	15,000	15,000	0	Remedial works to Network Rail Infrastructure resulting from tram works	05	01
55	DKE Study	20,000	20,000	0	Awaiting price from Infraco	00	01
56	Surplus materials recovery	-400,000	-100,000	-300,000	T&T / Siemens to review surplus materials and recover value associated with this	00	01
Total		443,078	765,278	-322,200			

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Infraco Cost Report Section 5 - Opportunities

Ref No	Description	Approved Changes	Changes in Progress	Anticipated Changes	Contributions	Secured	To be secured	Total Opportunity	Value per CS report Jan 2012	Notes
01	Remove embargoes and revised TM	0	0	0	0	0		0	-6,460,000	Subject to completion of sections in advance of contract dates. Initial opportunity based on 22 week time saving assumed in the Rev 4C programme. Current master programme indicates 4 week saving as a result of York Place
02	Edinburgh Gateway	0	0	0	-3,416,010	-3,416,010	0	-3,416,010	0	Awaiting instruction from Transport Scotland
03	St Andrew Square Public Realm (separate CEC budget)	0	-20,000	0	-1,025,600	-1,045,600	0	-1,045,600	-1,000,000	Funded by separate CEC budget (added to contributions register)
04	De-scope public realm at St Andrew Sq	-2,156,490	0	0	0	-2,156,490	0	-2,156,490	-700,000	Instructed
05	Contributions 3rd Party Agreements	0	0	0	-3,000,783	-3,000,783	0	-3,000,783	-2,500,000	Refer to contributions register
06	De-scope works at Forth Ports	-2,443,000	0	0	0	-2,443,000	0	-2,443,000	-2,450,000	Instructed
07	Omit Airport Tram Kiosk and Canopy	-150,000	0	0	0	-150,000	0	-150,000	-150,000	Approved, replacement materials t.b.c
08	Temporary tram stop at York Place	0	0	0	0	0		0	-150,000	Design optimisation
09	Redeployment of Trams	0	0	0	0	0	0	0	-5,000,000	Included in CEC budget code
10	Cancel track York Place to Newhaven	-1,100,000	0	0	0	-1,100,000	0	-1,100,000	-1,100,000	Instructed
11	Omit Siemens works at Tower Place	-100,000	0	0	0	-100,000	0	-100,000	-100,000	Instructed
12	Turner & Townsend / CEC resources	0	0	0	0	0	0	0	0	Ongoing
13	Shared recovery vehicle	0	0	0	0	0	0	0	0	Not taken forward
14	Road re-construction depth	0	-180,000	0	0	-180,000	0	-180,000	-700,000	Principles instructed, saving subject to site conditions
15	Design freeze north of York Place	0	0	0	0	0	0	0	-250,000	Infraco design costs expended
16	Reduced requirement for storage	0	0	0	0	0	0	0	-1,000,000	Included in CEC budget code
17	Lay off TM at Forth Ports/Leith Walk	0	0	0	0	0	0	0	-180,000	TM not included in Infraco budget provision
18	Roseburn Viaduct Cladding	-308,004	0	0	0	-308,004	0	-308,004	-300,000	Instructed

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Infraco Cost Report Section 5 - Opportunities

Ref No	Description	Approved Changes	Changes in Progress	Anticipated Changes	Contributions	Secured	To be secured	Total Opportunity	Value per CS report Jan 2012	Notes
19	Delete Crew Relief Facility	-74,001	0	0	0	-74,001		-74,001		Instructed
Total		-6,331,495	-200,000	0	-7,442,393	-13,973,888	0	-13,973,888	-22,040,000	

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Infraco Cost Report Section 6 - Credits & Contributions

Ref No	Description	Included in Contract Sum	Approved Changes	Changes in Progress	Anticipated Changes	Total Forecast	Previous Period	Change from Previous	Contribution Received	Notes	Section Code	Change Code
01	Edinburgh Gateway Feasibility	861,943	82,944	0		944,887	944,887	0	944,887	£1.2m in total. Remainder of the costs included in CEC sections of the project budget.	05	01
02	New Ingliston Future Proof measures	540,000	0	0		540,000	540,000	0	540,000	Construction works element of overall settlement with NIL. Remaining amount contained in Land budget	07	01
03	Henderson Global - Cathedral Lane substation	-44,596	455,918	402,678	-344,000	470,000	470,000	0		Full extent of agreement with Henderson Global to be established. Allowance assumes all design costs and proportion of construction costs associated with future substation will be borne by Henderson Global. Cost of £470k has been submitted to Henderson Global	01	01
04	RBS Tramstop	560,000	0	0		560,000	560,000	0	448,000	Agreement reached with RBS 11/06/2012	07	01
05	St Andrew Square Public Realm design		135,143	0		135,143	135,143	0	135,143	As per agreed change value. Assumed to be recovered from separate budget	01	01
06	Forth Ports		0	0		0	0	0		Forth Ports work removed from scope - no further contribution from Forth Ports assumed	01	01
07	CEC Miscellaneous. Mainly George Street CEC costs (£298k)	318,213	0	0		318,213	318,213	0	318,213	CEC finance have confirmed that a credit has been received in the amount shown. The extent of the workscope associated with this credit is not clear.	01	01
08	Network Rail - Haymarket station refurbishment	0	12,698	0		12,698	12,698	0		Majority of this work now being carried out by Network Rail. Remaining allowance for wall to crew relief facilities	02	01
09	Contribution from CEC for public realm work (granite setts) at St Andrews Square	788,600	0	0		788,600	788,600	0		Setts funded by CEC. Saving based on spreadsheet issued to CEC (MM to AC 20/11/12).	01	01
10	Network Rail - Scottish Power Cable diversion - Haymarket Station (TNC 591)		19,842	0		19,842	19,842	0			05	01
11	Edinburgh Gateway Construction		3,416,010	0		3,416,010	3,416,010	0		Cost based on agreed TCO. No contingency included (TS carrying their own contingency)	05	01
12	St Andrew Square Public Realm Footways (Scoutmoor)	237,000	0	0		237,000	237,000	0		Offset by risk on basis that this may be claimed by Bilfinger as an extra	01	01
13	Hope Street Junction	23,000	0	0		23,000	23,000	0	23,000	Actual cost will be incurred in Utilities contract	01	01
14	RBS Tramstop: additional contribution for handrail to ramp		1,511	0		1,511	1,511	0			07	01
15	Traffic Management costs incurred at York Place and during Christmas 2012 shutdown (tNC 639 Rev F and 728)	14,000	0	0		14,000	14,000	0	14,000		01	01
16	Additional crossing points at Shandwick Place as per tNC 756	25,000	0	0		25,000	25,000	0	25,000		01	01

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Infraco Cost Report Section 6 - Credits & Contributions

Ref No	Description	Included in Contract Sum	Approved Changes	Changes in Progress	Anticipated Changes	Total Forecast	Previous Period	Change from Previous	Contribution Received	Notes	Section Code	Change Code
17	Network Rail contribution for additional retaining measures resulting from changes to accepted Form B designs		0	0	250,000	250,000	250,000	0		Refer to Anticipated change items 51 and 52. Final contribution value subject to negotiations between CEC/Network Rail	05	01
18			0	0		0	0	0				
19		0	0	0		0	0	0				
Total		3,323,160	4,124,066	402,678	-94,000	7,755,904	7,755,904	0	2,448,243			

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