

EDINBURGH TRAM NETWORK

Monthly Project Report September 2012



Monthly Report Major Projects

Project: Edinburgh Tram Network

Reporting Period: September 2012

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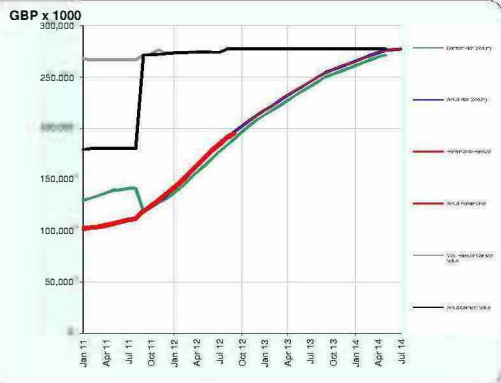
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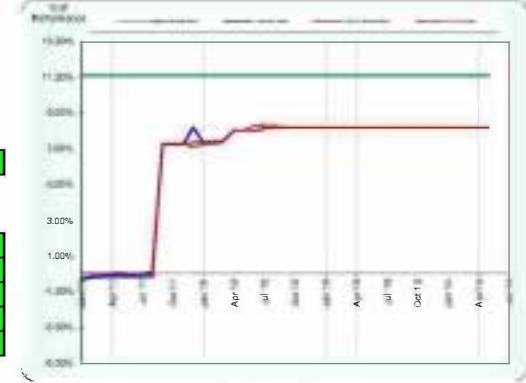
1.01 Project Overview Charts



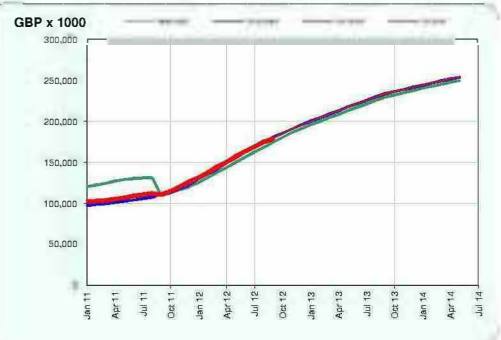
Performance

	Original Contract (Rev1)	Settlement Agreement (Rev4)	Planned (Rev5)	Actual	Status Figures	
Construction start date			15-May-08			
Construction end date	16-Jul-11	08-Jul-14	08-Jul-14	08-Jul-14	0.0 month	green
Total contract value [GBPx1000]	141,509	271,542		277,512		
Claims / Variations approved				5,970		
Claims / Variations not approved				-23		
Performance		189,974	196,906	195,004	99.0%	green
Actual Cost to Date				178,932	100.0%	green
Result	11.07%	7.23%	8.21%	8.24%	1.0%	green
Payment Status		189,974	220,835	224,684	101.7%	green
Av.Perf/mth: Rem. & act. 3mth			2,578	5,544		green

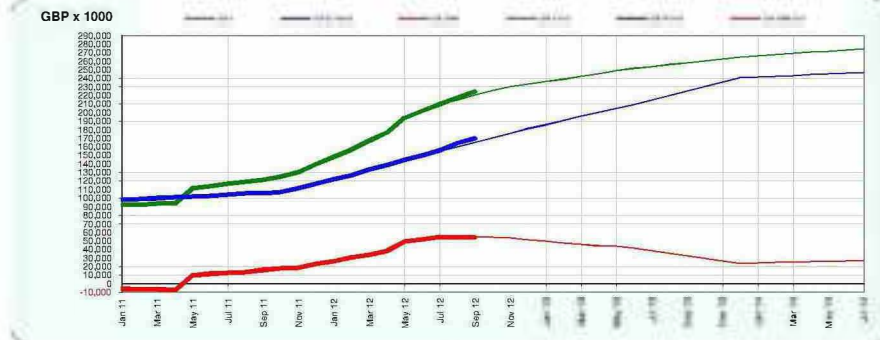
Project Key Figures



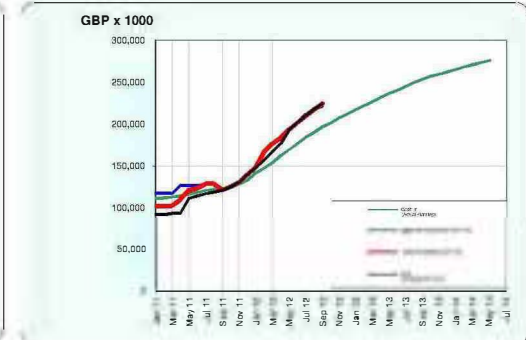
Project Result



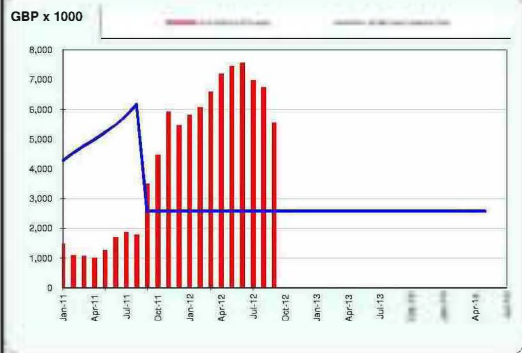
Project Cost



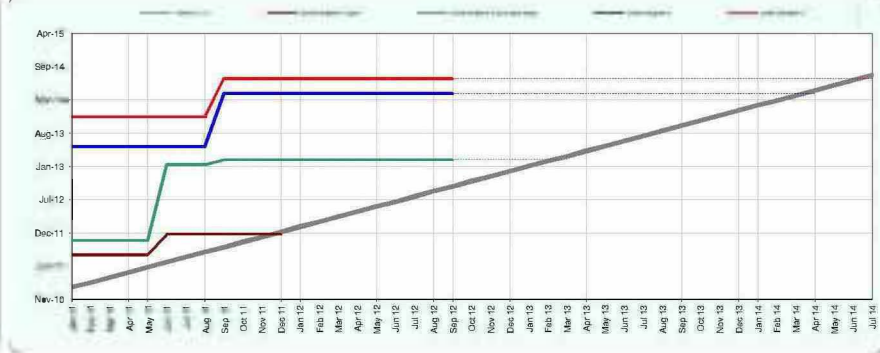
Cashflow



Payment Status



Remaining Performance / Resources



Milestone Trend Analysis (Forecast Rev4)



Contingencies vs Risks

1.02 Short note on Overview Charts

1.2.1 Performance

Last month works were performed in accordance with the agreed Programme Rev5.

Actual performance:	£4,117,946
Planned performance:	<u>£6,019,558</u>
Variance:	-£1,901,612

1.2.2 Project Cost

The planned project cost reflect all contractual arrangements with the client, sub-contractors and suppliers to date. Strict control measures on purchase and site management as well as monthly control meetings ensure awareness and effectiveness on cost control.

1.2.3 Project Result

Monthly cumulative result:	£16,072,413	or	8.24%
Forecast/planned result:	£22,790,809	or	8.21%
Weighted margin out of R&O:	£26,516,910	or	9.56%

1.2.4 Payment Status

The payments from the client CEC remain in time.

Invoiced net to the client:	£224,684,061
Paid net from the client:	<u>£224,684,061</u>
Variance	£0

1.2.5 Cashflow

The ETN project cash position increased further positive on the basis of the revised milestone payment schedule and effective cash management.

Cash in net:	£225,621,843	(incl. interest income)
Cash out net:	£170,218,840	
Cash balance net:	£54,465,221	

1.2.6 Contingencies

The remaining estimated contingencies value is unchanged to previous month:

£3,854,780 (see attachment 3.01)

1.2.7 Construction Programme

The updated Programme Rev 5 (agreed with the client 01/06/2012) is still in place.

Contractual milestones defined:		
Sectional A Completion Date:	16 December 2011	- Achieved -
Sectional B Completion Date:	08 March 2013	
Sectional C Completion Date:	09 April 2014	
Sectional D Completion Date:	08 July 2014	

1.03 General Information

1.3.1	Short note on progress, events this month		
	<p><u>Mobilisation/Dembolisation:</u> The site office in Section 7 was closed and staff moved into the Consortium Office.</p> <p><u>Design:</u> Further instructions to perform additional conceptional design options and design changes were received during the month, which are scheduled to be completed by end 2012.</p> <p><u>Procurement :</u> All subcontract arrangements are in place, minor purchase on finishing works ongoing.</p> <p><u>Construction :</u> During September works were performed in accordance with the agreed Programme Rev5 in time. Works in Section 7 were completed.</p> <p><u>Contract :</u> Settlement Agreement signed on 15th September 2011 which defines new contractual arrangements for the Off Street Works and On Street Works up to York Place (retrunked line) with a revised Contact Amount of £ 271.542.291.</p> <p>The Settlement Agreement is based on Programme Rev. 4 (approved) and the commercial implications of this change (Rev. 3A to Rev. 4) have been regulated by a Change Order. Programme Rev. 5 has been agreed without commercial impact compared to Rev. 4.</p> <p>In September 15 new/revised Change Orders and further On-Street works certified increased the Variation Order value in an amount of £ 61,298 up to £ 5,970,180 in total.</p>		
1.3.2	Significant extraordinary events		
	Date	Description	Remarks
1.3.3	Recent important agreements with the Employer or instructions having significant consequences		
	Date	Description	Remarks
1.3.4	Status on Major Unapproved Claims / Variations / Changes		
	Several changes have been notified (see list "2.08b Unapproved Changes").		

1.04 Performance Sheet

1. General Information		2. Construction Period		Original Contract	Revised Contract	Variance
Client:	The City of Edinburgh Council	Construction start date	15-May-08	15-May-08	0 days	
Leadership:	BILFINGER BERGER CIVIL UK LIMITED	Construction end date	16-Jul-11	08-Jul-14	1,088 days	
	Share: 100%	Total excl. Site Removal	38.0 month	73.8 month	194.0 %	
Currency:	GBP Rp. (all amounts without V.A.T.)	Expired construction time	52.5 month	52.5 month	71.2 %	
Rate of Exchange Top Sheet:	1 GBP = 1.11 EUR Actual: 1.26 EUR	Performance to date	195,004,272 GBP		70.3 %	

3. Total Contract Value	Date of Contract	Total Previous Month	September 2012	Total Reporting Month
Contract Value with Client (Rev 4 evaluation)	271,542,291 (incl. SDS No. agree)	277,451,173	61,298	277,512,471
Contract Value with 3rd Parties (without interest)		0	0	0
		277,451,173	61,298	277,512,471

3. Claims and Variations	Total Previous Month	September 2012	Total Reporting Month
Claims and Variations approved	5,908,882	61,298	5,970,180
Claims and Variations submitted but not approved yet	-36,939	13,669	-23,270
Claims and Variations under preparation	0	0	0

4a. Performance	Total Previous Month	September 2012	Total Reporting Month
Performance for Actual Contract Value with Client	190,886,326	4,117,946	195,004,272
Performance for 3rd Parties (without interest)	0	0	0
Total Performance to Date	190,886,326	4,117,946	195,004,272
Remaining Performance to Date	86,564,847		82,508,199
Actual Planned Performance (Planned Performance per report date - Performance Last Month)	190,886,326	6,019,558	196,905,884

4b. Cost	Total Previous Month	September 2012	Total Reporting Month
Actual Cost at Reporting Date	175,006,577	3,925,282	178,931,859

5. Result	Date of Contract	Total Previous Month	September 2012	Total Reporting Month
Planned Result for Contract with Client (revised evaluation)	19,632,508	22,735,664	55,145	22,790,809
Actual Result at Reporting Date		15,879,749	192,664	16,072,413
Forecast Result at the End of Contract		22,735,664	55,145	22,790,809
Weighted Result at the End of Contract (Likely Case)		26,461,765	55,145	26,516,910

6. Invoices, Payment and Bank account	Total Previous Month	September 2012	Total Reporting Month
Application to the client - excl. VAT	218,460,898	3,307,001	221,767,899
Certified by the client (Invoice) - excl. VAT	217,835,422	6,848,639	224,684,061
Cash in from the client - excl. VAT	217,835,422	6,848,639	224,684,061
Cash in from 3rd Parties - excl. VAT	0	0	0
Interest income	933,489	4,292	937,781
Cash out (excl. VAT)	164,557,187	5,661,653	170,218,840
Net Liquidity	54,211,724	253,497	54,465,221

7. Subcontractor Work (incl. Design)	Total Previous Month	September 2012	Total Reporting Month
Total Portion of Subcontractor Budget (first evaluation)	60,353,024 (incl. SDS)	28,221	189,507,689
Total Amount of signed Subcontracts incl. approved Variation Order	0	0	0
Total Subcontractor Result to date	0	0	0
Actual Subcontractor Costs to date (incl. Accruals)	0	0	0
Therefrom invoiced to date	0	0	0

8. Actual Forecast for Performance and Result in TSD GBP

Performance	Original planned			
	2008	2009	2010	2011
Jan		1,706	2,786	2,346
Feb		2,526	4,026	2,026
Mrz		3,526	5,026	2,526
Apr		4,526	5,276	2,526
Mai	855	5,776	6,026	2,526
Jun	1,355	5,776	6,526	1,026
Jul	2,375	5,776	6,526	1,026
Aug	2,855	6,026	6,526	
Sep	3,055	4,626	6,526	
Okt	2,855	4,026	6,526	
Nov	1,535	2,526	5,026	
Dez	1,446	1,866	1,706	
Total	16,334	48,678	62,498	13,999

Linear Calculation

	Actual / Forecast				
	2008-2010	2011	2012	2013	2014
		1,573	5,817	4,894	2,812
		815	6,518	4,890	2,805
2008	788	7,419	4,887	2,778	
12,940	1,424	7,646	4,865	2,820	
	1,574	7,266	4,746	2,004	
2009	2,056	7,720	4,428	878	
37,734	1,937	5,930	4,345	605	
	1,355	6,583	4,336		
2010	7,192	4,118	4,336		
50,195	4,827	6,918	2,882		
	5,712	5,727	2,837		
	5,867	4,888	2,827		
100,868	35,119	76,550	50,274	14,701	

total: 277,512

Yearly Forecast		
Performance and Result in 2008-2010		
Performance	100,868,316	36.3%
Result	0	
Performance and Result in 2011		
Performance	35,119,425	12.7%
Result	11,168,041	31.80%
Performance and Result in 2012		
Performance	76,549,543	27.6%
Result	6,286,658	8.21%
Performance and Result in 2013		
Performance	50,273,825	18.1%
Result	4,128,756	8.21%
Performance and Result in 2014		
Performance	13,218,329	4.8%
Result	1,085,560	8.21%
Total Performance and Result		
Performance	276,029,438	99.5%
Result	22,669,014	8.21%

Edinburgh, 17/10/2012

Edinburgh, 17/10/2012


Place and Date M Foerder, Project Director

Place and Date C G... Project Control Manager

1.05 Weighted Result with Chances and Risks

Revenue		best case	likely case	worst case	Cost		best case	likely case	worst case
		' GBP	' GBP	' GBP			' GBP	' GBP	' GBP
1	Actual Contract Value according Job Site Estimate incl. Approved Change Orders	277,512	277,512	277,512	1	Actual Cost Forecast according Job Site Estimate incl. cost for integrated Changes	-254,722	-254,722	-254,722
2	Unapproved, but in Job Site Estimate integrated Changes	0	0	0	2	Unapproved, but in Job Site Estimate integrated Changes	0	0	0
3	Total unapproved Changes	0	0	0	3	Total unapproved Changes	0	0	0
4.1					4.1				
4.2					4.2				
4.3					4.3				
4.4					4.4				
4.5					4.5				
4.6					4.6				
4.7					4.7				
4.8					4.8				
4.9					4.9				
4.10					4.10				
4.11					4.11				
4.12					4.12				
4.13					4.13				
4.14					4.14				
4.15					4.15				
£ 4	Risks not included in JSE	0	0	0	£ 4	Risks not included in JSE	0	0	0
5.1					5.1	Saving on Contingencies	3,855	2,604	0
5.2					5.2	Savings on Uninsured Economic Losses	1,980	1,000	0
5.3					5.3	Interest Income	163	122	0
5.4					5.4				
5.5					5.5				
5.6					5.6				
5.7					5.7				
5.8					5.8				
5.9					5.9				
5.10					5.10				
5.11					5.11				
5.12					5.12				
5.13					5.13				
5.14					5.14				
5.15					5.15				
£ 5	Chances	0	0	0	£ 5	Chances	5,998	3,726	0
6 =1+3+4+5	Forecast Final Revenue	277,512	277,512	277,512	6 =1+3+4+5	Forecast Final Costs	-248,724	-250,996	-254,722

	Costs	best case	likely case	worst case
Forecast Final Result (best case) (Revenue Best Case + Forecast Cost all cases)	Revenue	277,512		
	Costs	-248,724		
	Result	28,789		
% Gross Margin based on Revenue Best Case	Revenue: 277,512	10.37%		
Forecast Final Result (most likely case) (Revenue most likely case + Forecast Costs all cases)	Revenue		277,512	
	Costs		-250,996	
	Result		26,517	
% Gross Margin based on Revenue Likely Case	Revenue: 277,512		9.56%	
Forecast Final Result (worst case) (Revenue worst case + Forecast Costs all cases)	Revenue			277,512
	Costs			-254,722
	Result			22,791
% Gross Margin based on Revenue Worst Case	Revenue: 277,512			8.21%
Gross Margin previous month (most likely case)		10.36%	9.54%	8.19%

	Project: Edinburgh Tram Network as per: 30/09/2012	
2.01 Cost Reconciliation Sheet		
see following pages		

Project: GB-2006-1001JE51 Edinburgh Tram Network 2012-09
Reporting Month: 53. Report Period, 30/09/2012

COST RECONCILIATION & FORECAST FINAL (REMEASURED CONTRACT)

Currency: GBP

WORK / COST CODES		TO DATE									CURRENT MONTH			BUDGET CONTRACT AND EXECUTION					FORECAST FINAL					
Work- / Cost Code	Description	Actual Cost	Accruals Deferrals	Actual Cost with Accruals	Actual Allow-able incl. agreed VO's	Allowable for unapproved VO's	Variance to Date	Revised DJC IQxDJC-Rate	Variance to Date	Actual Cost with Accruals	Actual Allowable	Variance	Budget Original WQty.	Budget Orig. Contr. with AQty.	Budget Agreed VO's AQty.	Budget unappr. VO's AQty.	Budget Total AQty.	Revised DJCT AQty.	% Complete	Cost to Complete (AQ-IQ)	Forecast Final Cost	Forecast Final Variance	Projected Variance (linear)	
				5=3+4	6	7	8=(6+7)-5	9	10= 9-5	11	12	13=12-11	14	15	16	17	18=15+16+17	19	20=9/19	21=19-9	22=5+21	23=18-22	24=8/20	
Total Cost incl. Prime Cost Sums		172,865,460	6,066,399	178,931,859	179,040,320		108,461	178,985,10	53,246	3,925,28	3,787,497	-137,783	251,909,780	251,909,780	5,147,796		257,057,576	254,721,66	70.3%	75,736,557	254,668,416	2,389,160	154,283	
Prime Cost Sums 0 / 0																								
Total Cost without Prime Cost Sums		172,865,460	6,066,399	178,931,859	179,040,320		108,461	178,985,10	53,246				251,909,78	251,909,780	5,147,79		257,057,576	254,721,66		75,736,557	254,668,41			

REMEASURED CONTRACT:

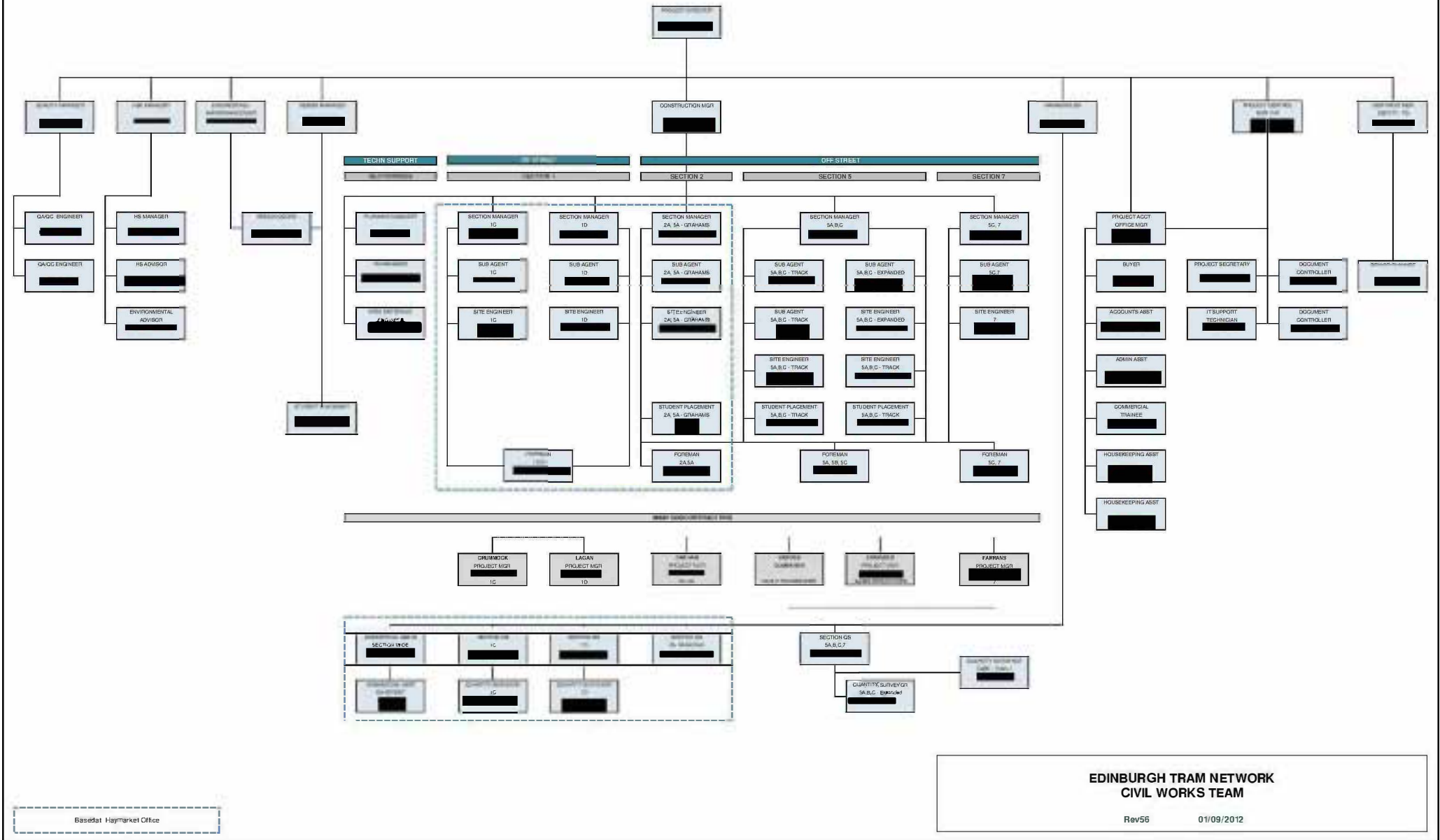
Gross Margin original Contract and agreed VO's (PF = 1.0895, PFB = 1.0796)

Total Cost without Prime Cost Sums		178,931,859	179,040,320		178,985,105					251,909,780	251,909,780	5,147,796		257,057,576	254,721,66					254,668,416		
Gross Margin			14,251,609		16,019,167					19,632,511	19,632,511	822,384,00		20,454,895	22,790,809					22,844,055		
Gross Margin in % of Performance			7.37%		8.21%					7.23%	7.23%	13.77%		7.37%	8.21%					8.23%		
Performance without Prime Cost Sums			193,291,929		195,004,272					271,542,291	271,542,291	5,970,180		277,512,471	277,512,471					277,512,471		
Actual Cost to date			178,931,859		178,931,85																	
Gross Margin to date			14,360,070		16,072,413																	
Gross Margin to date in % of Performance			7.43%		8.24%																	
Performance Prime Cost Sums																						
Total Performance			193,291,929		195,004,272					271,542,291	271,542,291	5,970,180		277,512,471	277,512,471					277,512,471		
Revenue according WBS																						

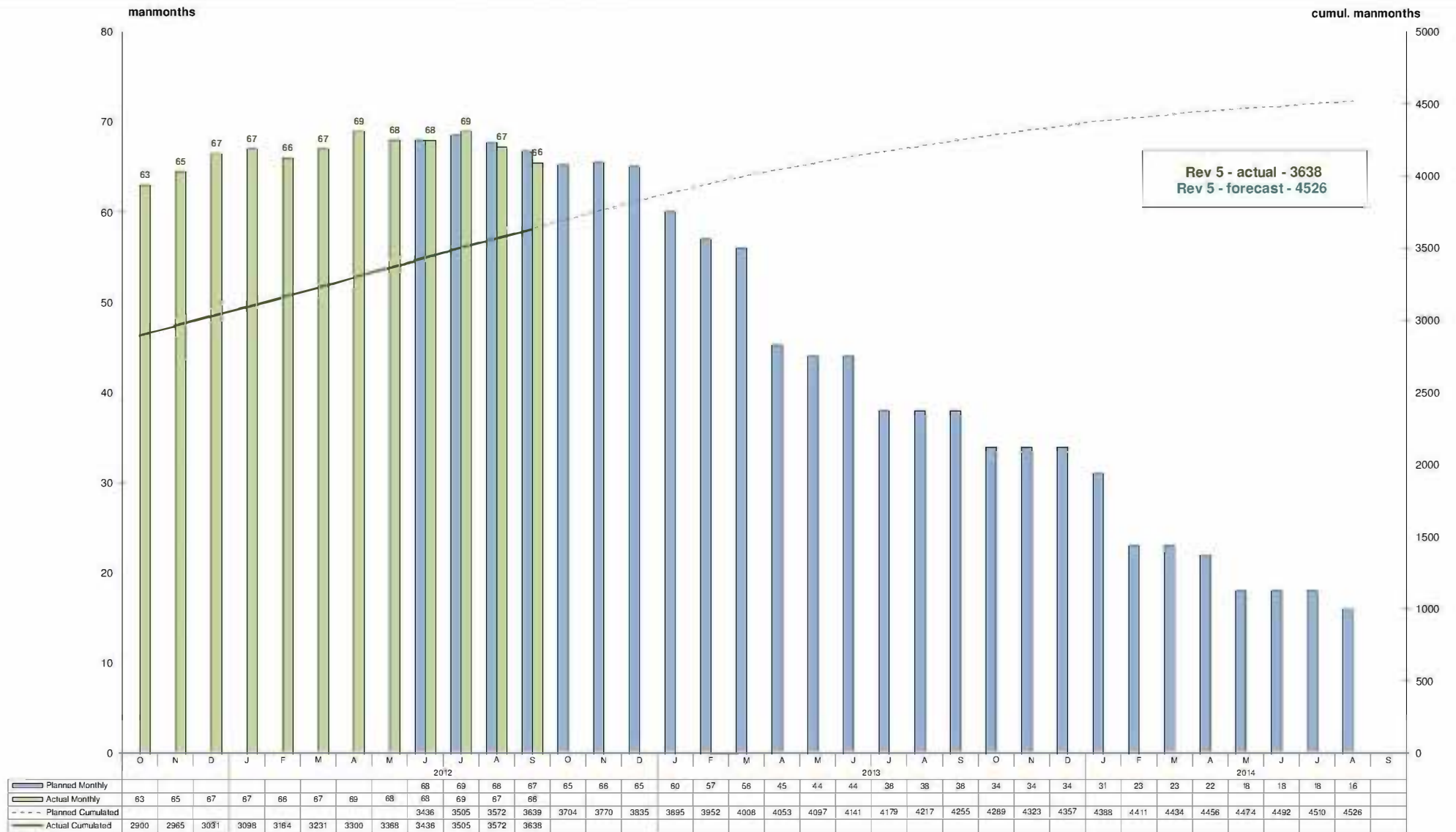
Gross Margin (weighted) original Contract, agreed and valued VO's (PF = 1.0895, PFB = 1.0796)

Total Cost without Prime Cost Sums			179,040,320		178,985,10					251,909,780	251,909,780	5,147,796		257,057,576	254,721,662					254,668,416		
Gross Margin			14,251,609		16,019,167					19,632,511	19,632,511	822,384,00		20,454,895	22,790,809					22,844,055		
Gross Margin in % of Performance			7.37%		8.21%					7.23%	7.23%	13.77%		7.37%	8.21%					8.23%		
valued Performance without Prime Cost Sums			193,291,929		195,004,27					271,542,291	271,542,291	5,970,180		277,512,471	277,512,471					277,512,471		
Actual Cost to date			178,931,859		178,931,859																	
Gross Margin to date			14,360,070.00		16,072,413																	
Gross Margin to date in % of Performance			7.43%		8.24%																	
Performance Prime Cost Sums (incl. valued performance)																						
Total Performance (incl. valued performance)			193,291,929		195,004,272					271,542,291	271,542,291	5,970,180		277,512,471	277,512,471					277,512,471		
Revenue according WBS (VO's valued)																						
Revenue according WBS (VO's valued by 100%)																						

2.05 Organisation Chart



2.06 Staff Chart



2.08a Approved Change Orders

										Job Estimate Budgets									
PRC	INC	ECO	EST	Design	EST	CON	SW	Section / Activity	Description	Date Issued	CP	Revenue	EST	Design	Construction	Provision	Margin	Margin %	Notes
	501	502						1A	66	Additional Cycle Path at Lindsay Road - Hawthornvale	26/10/2011		20,021	14,841		3,360	1,820	9.09%	
	502	506						1A	66	New Footpath at Ocean Drive	26/10/2011		10,231	7,584		1,717	930	9.09%	
	503	515						5C	63	OLE temporary portals at Depot Access Bridge to allow finalisation without Edinburgh Gateway	01/12/2011		16,980		12,587	2,650	1,544	9.09%	
	504	506						1C	66	Inclusion of Blenheim Place redesign (for THO) within Picardy Place redesign instruction	26/10/2011		48,247	34,283		7,760	4,204	9.09%	
	505	513						1C	66.12	Incorporating New run time model based on York Place Terminal Agreement	29/11/2011		228,653	168,498		38,368	20,767	9.09%	
	506	503A						1C	66	Princes St - new cycle way from The Mound into Princes Street	26/10/2011 30/01/2012		11,106	6,996		3,100	1,010	9.09%	
	507	504A						1C	66	St Andrew Square Public Realm Design finalisation	15/12/2011		133,076	98,648		22,330	12,098	9.09%	
	509	519						OH	66	Cathedral Lane Substation - change to Henderson Global Design	15/12/2011		233,596	173,162		39,198	21,236	9.09%	
	520	553							63	Valve chamber access and alterations to 800mm water main at depot	28/02/2012		100,523		71,232	20,153	9,138	9.09%	
	511	511						5C	66.63	Allow for storm water connection from Gogar Lodge to landowners new septic tank. CVI Ref BARRB015	22/11/2011		5,750	3,440	649	938	523	9.09%	
	512	505A						1A	66	Incorporate AECOM design for Ocean Terminal Bypass Road	28/02/2012		53,685	39,796		9,006	4,860	9.09%	
	508	507						7A	66	New Road Safety Audit to achieve BAA/EAL approval	26/10/2011		10,025	7,432		1,682	911	9.09%	
	531, 594C	559A						5C	56	Edinburgh Gateway Works, Slope Option, Temporary Design	15/08/2012 28/02/2012								
	513	526A						SWON	66	Utility Conflict verification - design changes	20/02/2012		156,870	116,287		26,323	14,261	9.09%	
	514	554						SWON	15	Utility mapping	29/02/2012		92,756		68,759	15,565	8,432	9.09%	
	516	565							58	Additional watermain requirement at Depot and Mini test track	26/04/2012		51,282		38,015	8,605	4,662	9.09%	
	517	539							63	Additional BT Ducts at Depot and Mini Test track	16/01/2012		2,996		2,221	503	272	9.09%	
	524	586							66.62	NIL Design Finalisation	16/07/2012		40,559	3,785	33,561	7,075	3,667	9.09%	
	539	529						SW	SW	Programme Rev 3A/4	21/12/2011		2,851,900	2,366,942			494,958	17.38%	
	529	524A						OH	66.7	Redesign Gogar Castle Access Road	17/01/2012		31,306			5,254	2,845	9.09%	
	530	525						OH	66	Depot Access Road Turning Head	16/12/2011		30,458	22,579		5,111	2,769	9.09%	
	576	543						5C	63	Reinstatement 250mm Watermain	26/04/2012		36,788		27,270	6,173	3,344	9.09%	
	526	518							63	Tram Delivery Temporary Works	12/12/2011		6,878		5,332	921	625	9.09%	
	544	512						OH	64	Extension to Edinburgh Park Office to accommodate CEC/Transport Scotland	22/11/2011		159,900		139,043	6,320	14,536	9.09%	
	549	510						1D	14	Move 3 No OLE's (St John's Church) to central reserve (SV200G)	22/11/2011		TBC						
	550	514						OH	66	Move OLE's in Shankwick Place and amend Landscaping	19/12/2011		TBC						
	534	556						5ABC	54	Scottish Power Insurance Ducts	01/05/2012		5,637		4,178	946	512	9.09%	
	540	509A							54.66	Amendment to landscaping scope at plot 304 section 7	01/02/2012		201,120	3,768	152,856	33,748	18,284	9.09%	
	555, 557, 562	521C						OH	66	Siemens OLE design update	06/09/2012		92,447	66,530		15,513	8,404	9.09%	
	566	535A						OH	66	On-Street design changes due to utilities conflicts	12/01/2012 01/06/2012		29,126	21,591		4,887	2,648	9.09%	
	566	537A						OH	66	On-Street Design Changes due to trackform conflicts	18/04/2012		10,797	8,004		1,812	982	9.09%	
	563	516C						OH	66	SDS to provide services of Matt Hill	06/06/2012		104,117			43,406	9,465	9.09%	
	567	536C						OH	66	On-Street drainage design changes due to utilities conflicts	06/09/2012		107,379	79,599		18,016	9,762	9.09%	
	568	522A						OH	65	Provision of CAD Technician	03/02/2012		1,693		1,255	264	154	9.09%	
	569	545						OH	66	Detailed Design of York Place Terminal	03/02/2012		56,438	41,837		9,470	5,131	9.09%	
	565	533C						OH	66	Advanced design Edinburgh Gateway - Minimum Option	26/09/2012		5,949	4,410		998	541	9.09%	
	564	531						SWON	15	Worksite Modelling for TM at Waverley Court	21/12/2011		TBC						
	563	534						OH	66	On-Street design of circular pile caps	09/01/2012		TBC						
	569	538						OH	64	Running costs with the CEC office extension at Edinburgh Park	12/11/2012		79,220		68,887	3,131	7,202	9.09%	

2.08a Approved Change Orders

PRC	INC	JOB	EST	Design	COT	CONECT	3rd-4th	Section / Activity	Description	Date Issued	C&B	Revenue	Job Estimate Budgets					Revenue	
													COT	Design	Construction	Profitability	Margin		Margin %
59	561	528						1A	31 Value Engineering Forth Port Section 1A	21/12/2011		2,443,000			2,220,909		222,091	9.09%	
62	572	540A						OH	66 Cathedral Lane Substation Design	18/01/2012 29/05/2012		34,459	25,544		5,782	3,133	9.09%		
63	574	542A						2A	61 Haymarket Viaduct delete parts of cladding	16/07/2012		5,571		4,055	1,010	506	9.09%		
64	571A	573A						1D	66 Hope Street reinstatement	27/09/2012		12,061	8,941		2,024	1,096	9.09%		
65	577	544						2A	61 Omit construction of Haymarket Substation retaining wall and plinth	26/01/2012		TBC							
66	578	546						SWON	15 Remove site investigation allowance	03/02/2012		57,964		52,713		5,271	9.09%		
70	596	557A						1C	66 Amend Design on St. Andrew Square	20/08/2012		15,228	11,288		2,555	1,384	9.09%		
71	587	555B						SWON	66 Revised Settl Locations and new Settl Specification	03/09/2012		15,512	11,499		2,603	1,410	9.09%		
78	588	551						1D	21 Return of parking spaces Stafford Street	20/02/2012									
81	582	549						5A	61 Delete Roseburn Viaduct Trespa cladding	09/02/2012		308,004		280,004		28,000	9.09%		
83	589	552							62 Deletion of Airport Kiosk	29/02/2012		150,000		138,364		13,636	9.09%		
84	593	558A						SWON	66 Cessation of Design North of York Place (SV-206F)	13/07/2012									
85	591	563						2A	61 Diversion of Scottish Power Cable	02/04/2012		2,428		1,800	407	221	9.09%		
89	601	560						5C	62.66 Shelters at Gogarburn Trestle to be 8m length	15/03/2012 14/06/2012		27,863	2,671	17,983	4,675	2,533	9.09%		
91	574	574						1A	21 Ongoing Traffic Management	12/06/2012		133,140		98,696	22,341	12,104	9.09%		
92	595	566						2A	61 Deletion of crew relief facilities	08/05/2012		74,001		54,656	12,417	6,727	9.09%		
92	616	567						2A	61 Crew relief wall construction to close void beneath Haymarket Viaduct	08/05/2012		10,798		8,004	1,812	982	9.09%		
92	615	568						2A	66 Design for crew relief wall construction to close void beneath Haymarket Viaduct	08/05/2012		TBC							
112	618	576							63 Alteration to 1800mm Diameter Manhole	19/06/2012		6,176		4,578	1,036	561	9.09%		
115	620	569A							66 Airport Tram Stop Design	27/09/2012		17,784	13,183		2,984	1,617	9.09%		
117	622	589						SW	53 Payment for power supplies provided by CEC (Siemens Reference SV-0132h)	16/07/2012		TBC							
119	627	599						1D	66 St Johns Church deletion of pedestrian barrier	21/09/2012									
120	623	596							25 Gogar Depot Repair	28/08/2012		1,867		1,384	313	170	9.09%		
121	663	588						5C	63 Estimate for CEC for purchasing the existing hoas fencing surrounding the Mini Test Track	16/07/2012		6,424		4,762	1,078	564	9.09%		
124	636	571A						5C	54.66 Twin crossings at Lochsa Avenue	22/05/2012 01/06/2012		TBC							
140	640	585						5A	67 Unimog - Insurance Premium	11/07/2012		TBC							
148	643	572B						5C	54.66 Edinburgh Gateway Works, Design & Construction	28/08/2012		2,972,732	119,266	2,064,390	498,828	270,248	9.09%		
150	647C	577C						1C	66 Design on street works carriageway reconstruction	14/08/2012		8,886	6,587		1,491	808	9.09%		
151	648	579						1CD	66 Design cabinet positions for street lighting Princes Street	19/06/2012		TBC							
155	657	582						1CD	66 As-Built Drawings Princes Street	22/05/2012		3,271	2,425		549	297	9.09%		
156	653	583						1C	66 DWG CAD Drawings Design York Place	22/06/2012		TBC							
169	662	590						7A	62 Topographical Survey	11/07/2012		1,994		1,478	335	181	9.09%		
170	667	594B						2A	66 Call off service to respond Network Rail Technical Queries	27/09/2012		9,456	7,010		1,567	860	9.09%		
171	668	595						1C	12 York Place, De-scope of Works	12/07/2012		1,015,156		966,815		48,341	4.76%		
173	666	593						5A	61 ScotRail Pedestrian Access Gate	19/07/2012		TBC							
177	670	592						1C	66 Design response Princes St Road Safety Audit	05/08/2012		TBC							
181	679	601							63 Temporary reduction in the volume of water in Depot storage tanks	14/08/2012		TBC							
197	685	603						1A	66 Design and As Built Information Lindsay Road	21/08/2012		TBC							

2.08a Approved Change Orders

PRC	INC	ICD	EST	Design	EST	COST	3rd-4th	Section / Activity	Description	Date Issued	CB	Revenue	Job Estimate Budgets					Revenue			
													EST	Design	Construction	Provision	Margin		Margin in %		
199	690	606						2A	61 Undertake re-ballasting works to the operational element of the West shunt line within the Haymarket Depot	30/09/2012		TWC									
203	664	591						5C	62 Cowal Castle Access Road, works following Road Safety Audit - additional area of high friction surfacing	06/09/2012		TWC									
206	691	605						1C	66,1bc Cathedral Lane, Tram Substation: Investigate and amend design of Cathedral Lane Retaining Wall	05/09/2012		TWC									
207	672	608						ON	66,1bc Review and amend design for On Street Drainage	06/09/2012		TWC									
212	704	612						1C	66 Carriageway Reconstruction - redesign of St Andrew Square	13/09/2012		TWC									
213	689	609						ON	66 On Street Road Sign Bases, Street Lighting Columns, Traffic Signal Poles, Ducting and Chambers (TPE 2's) - DESIGN	13/09/2012		TWC									
214	683	604							62 Trial hole to locate Scottish Water pipe at Gogarburn	16/09/2012		TWC									
215	701	614							62,66 Reinstatement works at the Airport	26/09/2012		TWC									
216	702	615							62 Eastfield Avenue pedestrian crossing: provide and install STRAIL panels	26/09/2012		TWC									
217	695	613							62 Tanker Access North of CCR exit at Burnside Road: temp road surface and install kerbs at Edinburgh Airport	26/09/2012		TWC									
15	513	ICCO						1D	14 Utility Conflict Verification	30/09/2012		17,210			12,758	2,868	1,565	9.09%			
25	543	ICCO						1D	14 Utilities affecting the construction of OHLE foundations in Haymarket 'H1'	30/09/2012		250,503			185,695	42,035	22,773	9.09%			
28	521	ICCO						1D	14 Provide temporary accommodation and Welfare facilities	30/09/2012		1,543			1,144	259	140	9.09%			
35	547	ICCO						1D	14 Haymarket H1: Third Party affecting our ability to progress the works	30/09/2012		4,060			3,024	685	371	9.09%			
36	546	ICCO						1D	14 Haymarket H1: BT Fibre Optic Service required Diverted	30/09/2012		83,053			61,566	13,936	7,550	9.09%			
37	528	ICCO						1D	14 Haymarket 1 - Sit Trench Excavation to Validate Utilities	30/09/2012		6,565			4,867	1,102	597	9.09%			
38	549	ICCO						PSOW	13 Move 3 No OLE's (St John's Church) to central reserve	30/09/2012		32,642			24,197	5,477	2,967	9.09%			
40	535	ICCO						PSOW	13 Scottish Water Diversion at junction of Princes Street and South St David Street	30/09/2012		252,986			187,536	42,451	22,999	9.09%			
43	551	ICCO						PSOW	13 Xmas Embargo demob. and temp. reinstatement	30/09/2012		203,511			150,880	34,149	18,501	9.09%			
52	554	ICCO						ICD	15 ICD: Early Implementation Of Tim Phase 4 & 5	30/09/2012		212,863			157,793	35,719	19,351	9.09%			
55	564	ICCO						ICD	15 ICD: Work Site Modelling for revised On Street Traffic Management arrangements	30/09/2012		9,416			6,960	1,560	856	9.09%			
68		ICCO						1D	14 1D: Utilities Affecting Ability To Place System Drainage	30/09/2012		114,173			84,635	19,158	10,379	9.09%			
69		ICCO						1D	14 1D: Geotextile Liner To Clifton Terrace Void	30/09/2012		1,760			1,305	295	160	9.09%			
72		ICCO						1D	14 1D: Utilities affecting the construction of OHLE foundations in Shandwick	30/09/2012		280,271			207,762	47,030	25,479	9.09%			
77	583C	ICCO						SW	12 Clarification of requirements for setts on the On Street Works	30/09/2012		28,329			21,000	4,754	2,575	9.09%			
79		ICCO						1C	12 1C: St Andrew Sq: Third Party affecting our ability to progress the works	30/09/2012		64,560			47,858	10,633	5,669	9.09%			
87		ICCO						1C	12 1C: Utilities affecting the construction of OHLE foundations in St Andrew Sq	30/09/2012		37,550			27,836	6,301	3,414	9.09%			
88	584C	ICCO						ICD	14 ICD: Residual Road Value Engineering	30/09/2012		201			149	34	18	9.09%			
99		ICCO						1D	14 1D: Utilities affecting the ability to progress track excavation Shandwick S1	30/09/2012		10,915			8,091	1,832	992	9.09%			
100		ICCO						1D	14 1D: Utilities affecting the ability to progress track excavation Shandwick S2	30/09/2012		9,592			7,103	1,508	871	9.09%			
101		ICCO						1D	14 1D: Third Parties affecting the ability to progress track excavation Shandwick S2	30/09/2012		7,161			5,308	1,202	651	9.09%			
103		ICCO						1C	12 1C: St Andrew Square: Design, Enabling and Ongoing Maintenance of Temporary Bus Station	30/09/2012		8,885			6,587	1,491	808	9.09%			
106		ICCO						ICD	13 ICD: Mound Works	30/09/2012		30,375			22,516	5,097	2,761	9.09%			
109		ICCO						ICD	13 ICD: Manhole Inspections and Duct Proving	30/09/2012		23,080			17,109	3,873	2,098	9.09%			
110		ICCO						ICD	13 ICD: Duct Chamber and Bedding drawing amendments	30/09/2012		9,426			6,988	1,582	857	9.09%			

2.08a Approved Change Orders

PAC	INC	ICD	EST	Design	EST	COST	3rd-11	Section / Activity	Description	Date Issued	CP	Revenue	Job Estimate Budgets					Revenue	
													EST	Design	Construction	Provision	Margin		Margin %
126		ICCD						1D 14	ID: Hand dig to expose utilities crossing inbound duct bank within S1 at Stafford Street and Lothian Road Junction for IT to action	30/09/2012		5,591			4,145	938	508	9.09%	
127		ICCO						1D 14	ID: Utilities affecting ability to install System Ducting through S2. (South Duct Bank)	30/09/2012		17,264			12,813	2,900	1,571	9.09%	
128		ICCO						1D 14	ID: Remove and Reinstale with Traps IMU and Track Drainage laid by other within H1	30/09/2012		4,678			3,468	785	425	9.09%	
129		ICCO						1D 14	ID: Discovery of unsuitable material below formation of base 131204A within H2	30/09/2012		4,526			3,355	759	411	9.09%	
130		ICCD						1D 14	ID: Remedial works require on the partial return of H1 to infraco on 21 may 2012	30/09/2012		668			495	112	61	9.09%	
132		ICCO						1D 14	ID: Transfer plant and materials back to H2 from S4 to recommence works to OHLE bases. Site vacated for T&T	30/09/2012		1,062			787	178	97	9.09%	
133		ICCO						1D 14	ID: Excavate Trial Holes in locations of tree pits through Shandwick S4 behind the existing stone wall to establish foundation depth	30/09/2012		3,299			2,446	554	300	9.09%	
135		ICCO						1D 14	ID: Remove and Reinstale with Traps IMU and Track Drainage laid by other within S1 (East End) and S2	30/09/2012		9,044			6,704	1,518	822	9.09%	
137	637	ICCO						1C 12	IC: Remove existing pedestrian crossing at junction of St Andrews Square and Princes Street	30/09/2012		3,027			2,244	508	275	9.09%	
144	639D	ICCO						1C 12	IC: York Place Closure: Design, Enabling and Ongoing Maintenance	30/09/2012		128,936			95,579	21,636	11,721	9.09%	
145	645	ICCO						PSOW 13	PSOW: Outstanding Works to Princes Street	30/09/2012		189,144			140,211	31,739	17,195	9.09%	
157		ICCO						1D 14	ID: Widening of track excavations due to installation of floating track slab in H3 Outbound	30/09/2012		3,014			2,235	506	274	9.09%	
158		ICCO						1D 14	ID: Remedial works to reinstatement of the formation level and collapsed ducts in handed back areas (SP1 & SP3)	30/09/2012		5,217			3,887	875	474	9.09%	
159		ICCO						1D 14	ID: Works required to deal with existing services within Comms and Traction duct trenches within H1, H2 & H3	30/09/2012		13,693			10,150	2,298	1,245	9.09%	
160		ICCO						1D 14	ID: Utilities affecting the working space to a OHLE bases within H2 impacting on formwork and reinforcement	30/09/2012		3,019			2,238	507	274	9.09%	
161		ICCO						PSOW 13	PSOW - Remedial works to Traffic Signal works	30/09/2012		5,534			4,103	929	503	9.09%	
162		ICCO						PSOW 13	PSOW: Watermain Ducting (previously TBA4)	30/09/2012		13,490			10,000	2,264	1,226	9.09%	
163		ICCO						PSOW 13	PSOW: Additional OLE Remedials (previously TBA3)	30/09/2012		3,322			2,463	558	302	9.09%	
164		ICCO						PSOW 13	PSOW - Traffic signal ducting works - drawing change	30/09/2012		2,673			2,130	482	261	9.09%	
165		ICCO						PSOW 13	PSOW: Tram Stop Additional Works (previously TBA2)	30/09/2012		16,515			12,242	2,771	1,501	9.09%	
166		ICCO						PSOW 13	PSOW: Water Valve (previously TBA1)	30/09/2012		451			334	76	41	9.09%	
167		ICCO						1D 14	ID: Additional TM requirements at Canning Street / Shandwick Place Junction as CEC instruction	30/09/2012		1,133			840	190	103	9.09%	
167		ICCO						1D 14	Remediation handback to H1,2,3	30/09/2012		1,056			783	177	96	9.09%	
168		ICCO						1D 14	OLE 131, 126A fill below formation	30/09/2012		2,648			1,993	444	241	9.09%	
190		ICCO						PSOW 13	PN 4.3 investigation	30/09/2012		989			733	166	90	9.09%	
191		ICCO						1D 14	Contaminated Material in SP4	30/09/2012		58,957			43,704	9,893	5,360	9.09%	
193		ICCO						1D 14	Placement and removal of material between trackslab in SP2 & SP6	30/09/2012		1,850			1,372	310	168	9.09%	
TOTALS												5,970,180	2,356,942	1,208,937	392,822	1,189,295	822,384	13.77%	
																5,147,796			

2.08b Unapproved Changes

PMC	TNC	TCO	EOT only	SDS only	Section	Description	Notified	Assessment			Status on unapproved changes		Remarks
								Maximum	assessed	Minimum	Submitted	to be submitted	
21	541				1D	City Chamber - Annandale Street Communication Links. Usage of CEC available BT Lines to avoid provision of direct FO link from Pirnaces Street to the City-Chambers. (Siemens Reference SV-0023d)	12/01/2012	4,199	2,730	1,890	4,199		
61	573A				2A	Redesign of Roseburn Delta to minimise works in Section 3A	19/01/2012						
93	705				2A	Network Rail Fence within Tramworks LoD in Section 2A (Siemens Reference SV-0198M)	04/04/2012	13,669	8,865	6,151	13,669	+	
94	607				SWON	Delete Requirements at all Tramstops for 110v socket for cleaning purposes (On Street)	02/04/2012	6,154	4,000	2,769	6,154	+	
95	608				SW OFF	Delete Requirements at all Tramstops for 110v socket for cleaning purposes (Off Street)	02/04/2012	36,851	23,953	16,583	36,851	+	
102	612A				SW	Tramstop, Branding Changes - On-Street	26/04/2012						
105	617A				SW	Tram Stops, Branding Changes - Off-Street	26/04/2012						
113	625				1D	SDS to provide full time attendance for 4wks at Cathedral Lane	10/05/2012						
120	623					Damage Repairs	16/05/2012	1,867	1,213	840	1,867	+	
136	655				5A	CCTV Change at Murrayfield (SV0199E)	29/05/2012						
139	669					Excavate and remove substandard backfill from SGN new gas main	17/07/2012						
141	626				5C	Advanced procurement of materials and equipment (including reuse of equipment). Siemens Reference SV-0009	01/06/2012						
153	651				SW OFF	Order installation of Tramstop shelter and Fit Out. (Siemens reference SV-0219)	22/06/2012						
154	656				SW ON	Order installation of Tramstop shelter and Fit Out. (Siemens reference SV-0219)	22/06/2012						
172					SW	TVM details not yet available. Impact to Construction works. May need redesign. C18 0/Sch45	18/07/2012						
186	628				SW	Update Utility Drawings to reflect MUDFA contractors work	15/08/2012						
192	675				2A	Removal of concrete surrounding Scottish Water meter	14/09/2012						
195	684					Repairs to damaged utility cover slabs	20/08/2012						
TOTALS								23,270	15,125	10,471	23,270		
											submitted	over provision	
											maximum potential of changes		23,270

Project: **Edinburgh Tram Network**

as per: **30/09/2012**



2.09 Payment Status

PROGRESS			INVOICE							PAYMENT			
PERIOD	PROGRESS	No.	Application	Invoiced (Accepted)	Variance Certified	ADVANCE PAYMENT	RETENTION MONEY	OTHERS	TOTAL	DUE DATE	RECEIVED ON	excluding VAT	REMARKS
Actual Performance									0				
45	MONTH	5,817,390	51	8,367,001	8,377,620	10,619	0	0	0	8,377,620	11/01/2012	11/01/2012	8,377,620
Jan-12	ACCUM.	14,180,513		148,828,874	148,475,722	-353,153				148,475,722			148,475,722
46	MONTH	6,517,767	52	18,534,058	18,725,058	191,000	0	0	0	18,725,058	08/02/2012	08/02/2012	8,542,616
Feb-12	ACCUM.	148,322,898		167,362,933	167,200,780	-162,153				167,200,780			157,018,338
47	MONTH	7,419,040	53	9,284,501	9,553,209	268,707	0	0	0	9,553,209	07/03/2012	07/03/2012	10,182,463
Mar-12	ACCUM.	155,741,938		176,647,434	176,753,989	106,555				176,753,989			167,200,801
48	MONTH	7,646,215	55	8,211,478	7,408,088	-803,390	0	0	0	7,408,088	04/04/2012	04/04/2012	9,553,187
Apr-12	ACCUM.	163,388,153		184,858,912	184,162,077	-696,836				184,162,077			176,753,988
49	MONTH	7,265,678	56	9,238,301	9,622,713	389,412	0	0	0	9,622,713	30/05/2012	30/05/2012	17,030,802
May-12	ACCUM.	170,653,831		194,092,213	193,784,790	-307,424				193,784,790			193,784,790
50	MONTH	7,719,717	57	8,041,083	8,194,310	153,228	0	0	0	8,194,310	27/06/2012	27/06/2012	8,194,310
Jun-12	ACCUM.	178,373,548		202,133,296	201,979,100	-154,196				201,979,100			201,979,100
51	MONTH	5,929,851	58	9,825,417	8,193,108	-1,632,309	0	0	0	8,193,108	25/07/2012	25/07/2012	8,193,108
Jul-12	ACCUM.	184,303,399		211,958,713	210,172,208	-1,786,505				210,172,208			210,172,208
52	MONTH	6,582,927	59	6,502,185	7,663,214	1,161,029	0	0	0	7,663,214	22/08/2012	22/08/2012	7,663,214
Aug-12	ACCUM.	190,886,326		218,460,898	217,835,422	-625,476				217,835,422			217,835,422
53	MONTH	4,117,946	60	3,307,001	6,848,639	3,541,638	0	0	0	6,848,639	19/09/2012	19/09/2012	6,848,639
Sep-12	ACCUM.	195,004,272		221,767,899	224,684,061	2,916,162				224,684,061			224,684,061
												224,684,061	

2.11 Monthly Report on Quality Management

1. Audits

1.1 Internal Audits

Audit-No	Date	NCRs raised	NCRs Closed-Out	% Closed	Corrective Actions
ETN QA 12/02 NRS	03/02/2012	3	2	67%	4 no. Observations/Suggestions for improvement
ETN QA 12/04 Graham	09/03/2012	5	4	80%	6 no. Observations/Suggestions for improvement
ETN QA 12/09 P25	19/07/2012	1	0	0%	3 no. Observations/Suggestions for improvement
ETN QA 12/11 Coffey	07/09/2012	2	0	0%	3 no. Observations/Suggestions for improvement
ETN QA 12/13 P64	05/09/2012	1	0	0%	4 no. Observation/Suggestion for improvement
ETN QA 12/15 P76	05/09/2012	0	0	N/A	0 no. Observation/Suggestion for improvement
ETN QA 12/17 P26	05/09/2012	0	0	N/A	3 no. Observation/Suggestion for improvement
ETN QA 12/18 P92	05/09/2012	1	0	0%	0 no. Observation/Suggestion for improvement
ETN QA 12/19 P77	05/09/2012	0	0	N/A	3 no. Observation/Suggestion for improvement
ETN QA 12/20 P27	05/09/2012	0	0	N/A	2 no. Observation/Suggestion for improvement
ETN QA 12/21 P23	05/09/2012	0	0	N/A	3 no. Observation/Suggestion for improvement
ETN QA 12/22 P16	05/09/2012	0	0	N/A	8 no. Observation/Suggestion for improvement
ETN QA 12/24 Crummock	11/09/2012	2	0	0%	3 no. Observation/Suggestion for improvement

1.2 External Audits (e.g. by Client / BSI)

Audit-No	Date	NCRs raised	NCRs Closed-Out	% Closed	Corrective Actions
T&T Quality Audit 12/01	17/07/2012	1	0	0%	

2. Inspection and Testing

Section	ITPs				Non-Audit NCRs				
	Planned	In-Production	Completed	% Comp'd	Raised		Closed out		
					Total	Month	Total	Month	%
1A	66	0	6	9%	9	-	8	-	89%
1B	-	-	-	-	-	-	-	-	-
1C,1C/D St A Sq, Princes St	41	13	30	73%	31	1	24	1	77%
1D	57	20	44	77%	17	4	8	0	47%
2	32	24	20	63%	109	2	99	8	91%
5A	78	39	27	35%	33	7	21	1	64%
5B	84	26	52	62%	73	11	27	0	37%
5C	49	16	34	69%	50	6	31	1	62%
6	36	0	36	100%	125	0	124	0	99%
7	70	13	60	86%	55	3	37	0	67%
System NCRs (non-audit)					502	34	379	11	75%
Cancelled					16	1	16	1	100%

3. Further quality-related events during this month

(please describe shortly)

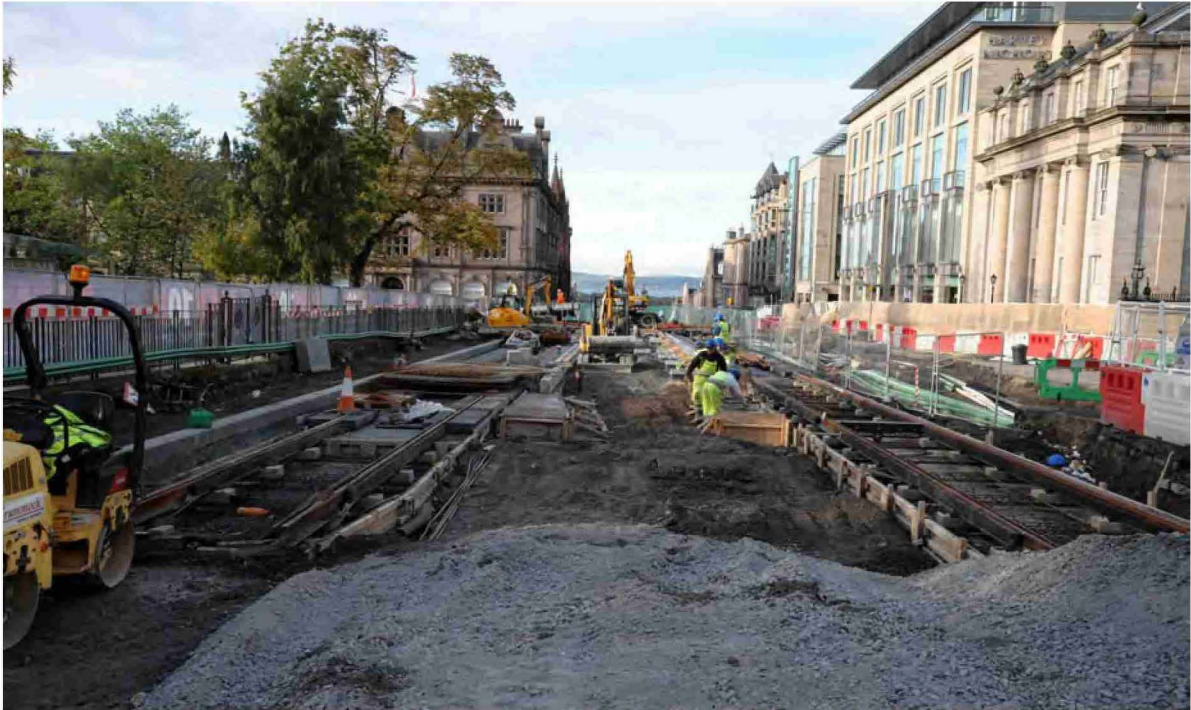
Bi-weekly Quality Surveillance reports relating to civils subcontractors are being compiled and issued on Conject/BIW. The internal auditing training course arranged for 4th and 5th September resulted in 8 no. Quality procedural audits being carried out. 2 no. NCR's were raised as a result. Updating of Inspection and Test Plans and the Project Management Plan is continuing. The BB Civil requirements audit was carried out on 13th and 20th September. The final report is awaited.

2.13 Project Photographs

Picture 01

Section 1C

St. Andrew Square



Picture 02

Section 1D

Shandwick Place



2.13 Project Photographs

Picture 03

Section 2A

Russell Road Bridge



Picture 04

Section 5A

Roseburn Bridge

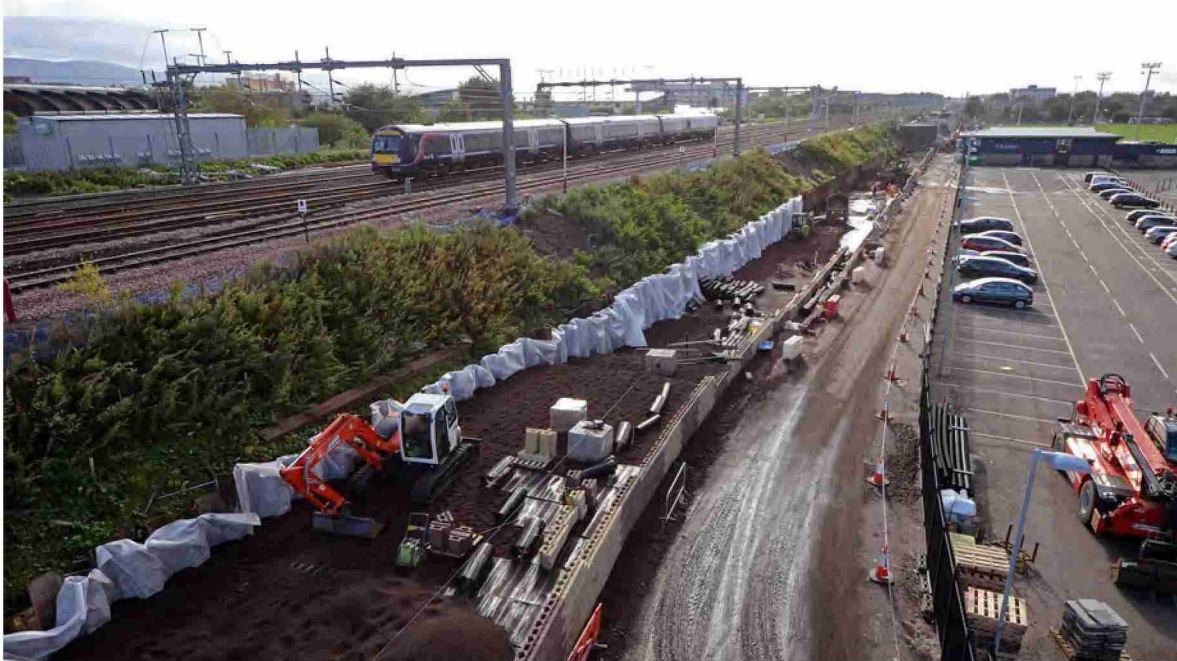


2.13 Project Photographs

Picture 05

Section 5A

Track along Murrayfield Stadium



Picture 06

Section 5A

Water of Leith Bridge



2.13 Project Photographs

Picture 07

Section 5B

Track at Carrick Knowe



Picture 08

Section 5B

Track at Broomhouse



2.13 Project Photographs

Picture 09

Section 5C

Edinburgh Gateway - Tank



Picture 10

Section 7A

Track at Goqarburn



2.13 Project Photographs

Picture 11

Section 7A

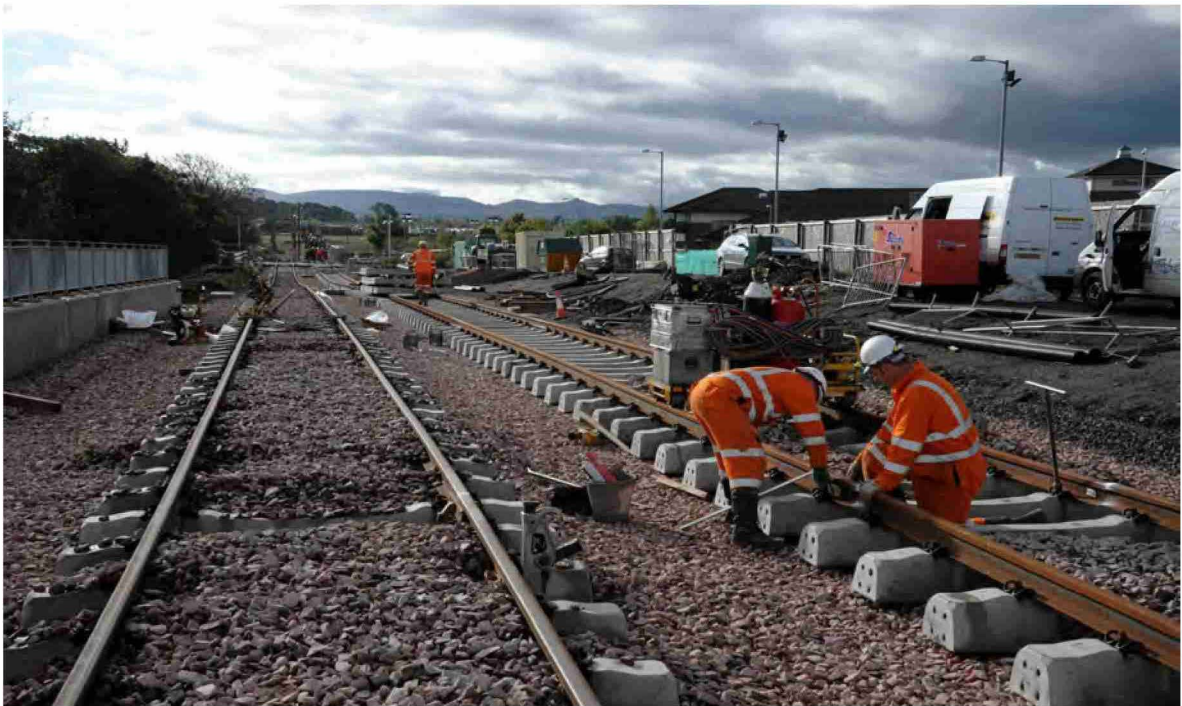
Inqlistion P&R Tramstop



Picture 12

Section 7

Track at Airport



Project: **Edinburgh Tram Network**

as per: **30/09/2012**



2.12 Safety Information System - SIS

Bilfinger Berger Civil⁵ - Monthly Safety Report

Form Nr 0611a

Month	Sep-12	Prepared by	[REDACTED]			Contact phone or email.	[REDACTED]@civil.bilfinger.co.uk
Site or office and Unit5	BBIB¹ Managers, Supervisors, Foremen	BBIB¹ workers	JV people under BBIB control	Sub-contractors³	Agency / hired people / BBSE workers eg BIS	Total	Others, eg public
Number	62		45	396		503	
Hours ²	10,378		6,991	76,858		94,227	
Accidents In this month (if no accidents but a previous accident person is still away from work, write in calendar days lost but leave accident space clear)							
Fatal						0	
Serious: over 3 days injury						0	
Duty travelling / commuting 1D+						0	
LTI: 1 -3 days injury				1		1	
1st Aid only	2			1		3	
Calendar days lost this month + from any previous month accidents						0	
Incidents							
Damage				2		2	
Environment Ecology / Pollution						0	
Not work related eg flood, bomb scare						0	
Near misses, hazards reported						0	
Details of this months Fatal, Serious accidents (3d+) or serious Incidents, and any previous non-RTW accidents, plus any work-related 'Health' Incidents							
IP Name or incident location/Ref	Employer	Injury / Incident		date of acc / inc	Return to work date ⁴	Cal days lost this month. Max 30	
Return to OHS-Wi by 8th of following month		OHS-Wi email: QM@civil.Bilfinger.com			OHS-Wi fax 0049 (0)611 708 769		
<p>1. Average number of BBIB staff or site workers during the month.</p> <p>2. Hours should be included if known. Do not leave boxes blank eg make an estimate or multiply number of staff by monthly hours worked eg x 200</p> <p>3. Subcontractor numbers should be estimated if no exact figure known. Average part time workers over month eg 10 workers for half a month = 5.</p> <p>4. If Return To Work (RTW) date has not yet occurred, keep name in box until RTW date known</p> <p>5. These are summary BBIB Group figures including all R&T's on site. For separate Regions or Technology Reports, please send a R&T specific report to the R&T</p> <p>6. Days lost are now calendar not working days, but maximum 180. You may have days lost to continue to report from an old accident but no accidents this month</p> <p>*Definition for a 3D+ accident includes weekends but not day of accident. You should check if man is available or fit for work during a weekend, then it may not be a 3Day+</p>							

3.01 Overview of Contingencies

Estimated Risks from Risk & Opportunity Sheet / Top Sheet		estimated	used	reduced	remaining
		GBP	GBP	GBP	GBP
Contractual Risks					
01.	Drawings will be not provided by SDS on time	188,188		-188,188	0
02.	Changes in law affecting clause 84 of the contract	62,729			62,729
03.	Taken risk on soft ground conditions	439,106			439,106
	Total Contractual Risks	690,024	0	-188,188	501,836
Design Risks					
04.	Assessed quantities not subcontracted at the time of tender submission	250,918		-250,918	0
05.	Her Majesty's Railway Inspectorate	21,955			21,955
	Total Design Risks	272,873	0	-250,918	21,955
Construction Risks					
06.	Programme risk on Sectional Completion Date A - LD's	12,546		-12,546	0
07.	Programme risk on Sectional Completion Date A - Site costs on Delay	6,273		-6,273	0
08.	Programme risk on Sectional Completion Date B - LD's	14,428			14,428
09.	Programme risk on Sectional Completion Date B - Site costs on Delay	8,155			8,155
10.	Programme risk on Sectional Completion Date C - LD's	183,484			183,484
11.	Programme risk on Sectional Completion Date C - Site costs on Delay	94,094			94,094
12.	Programme risk on Sectional Completion Date D - LD's	231,472			231,472
13.	Programme risk on Sectional Completion Date D - Site costs on Delay	28,228			28,228
14.	Network Rail requesting additional protection measures for temporary works	62,729			62,729
15.	Network Rail causing additional possessions and engineering hours	62,729			62,729
16.	Limits exceeding pollution	6,273			6,273
17.	Clients interpretation of Code of Construction Practice	62,729			62,729
18.	Power cables for street lighting between substations and user	7,528			7,528
19.	Additional works to be carried out under Network Rail License	301,101			301,101
	Total Construction Risks	1,081,770	0	-18,819	1,062,951
Commercial Risks					
20.	Non payment by the client for to be continued works	627,295		-627,295	0
21.	Interfaces Subcontractors not covered	501,836			501,836
22.	Interfaces Siemens not covered	940,942		-100,000	840,942
23.	Insurance deductibles	9,409			9,409
24.	Subcontractor insolvency	313,647			313,647
25.	Defects Liability	602,203			602,203
	Total Commercial Risks	2,995,333	0	-727,295	2,268,038
Other Risks					
					0
					0
					0
					0
	Total Other Risks	0	0	0	0
Total Values		5,040,000	-	- 1,185,220	3,854,780