

# EDINBURGH TRAM NETWORK

## Monthly Project Report August 2012



## Monthly Report Major Projects

**Project: Edinburgh Tram Network**

**Reporting Period: August 2012**

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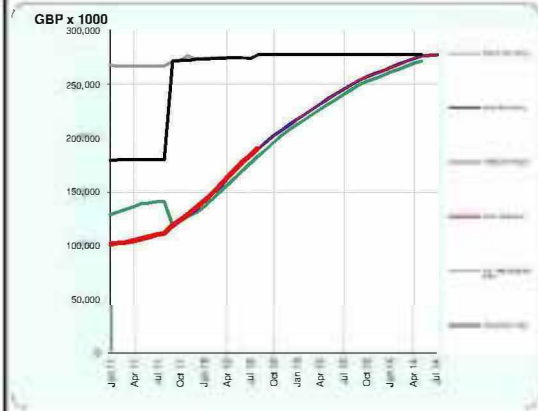
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1.01 Project Overview Charts



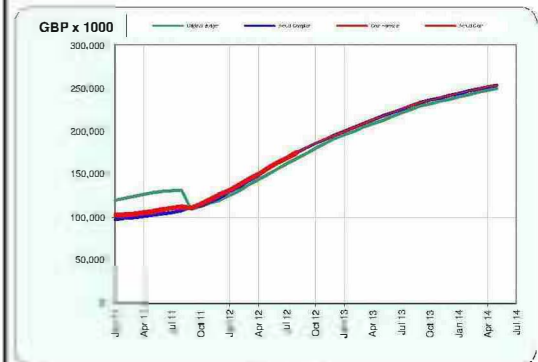
Performance

	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		277,451		
Claims / Variations approved				5,909		
Claims / Variations not approved				-37		
Performance		183,489	190,567	190,886	100.2%	green
Actual Cost to Date				175,007	99.9%	green
Result	11.07%	7.23%	8.19%	8.32%	1.0%	green
Payment Status		183,489	215,086	217,835	101.3%	green
Av.Perf/mth: Rem. & act. 3mth			2,705	6,744		green

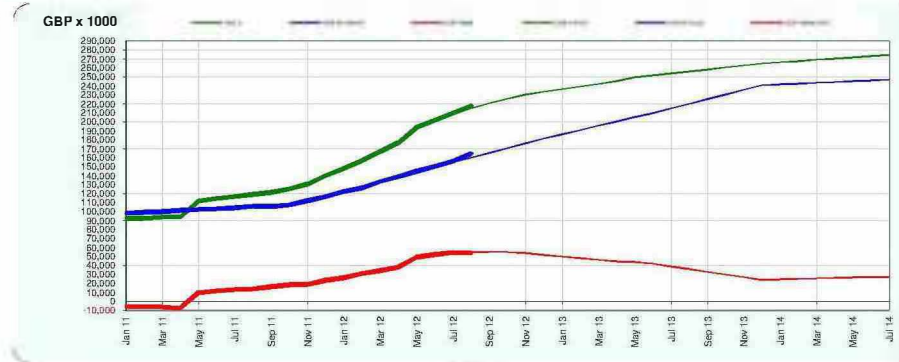
Project Key Figures



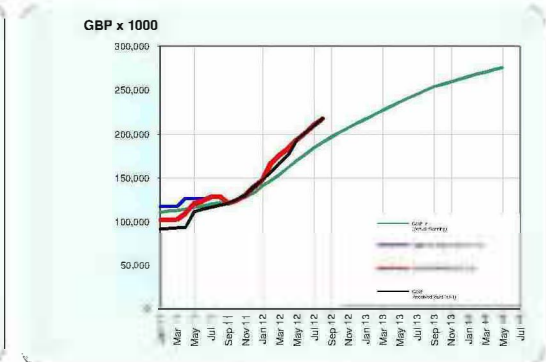
Project Result



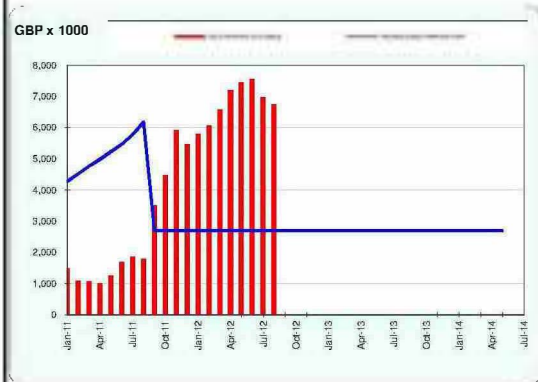
Project Cost



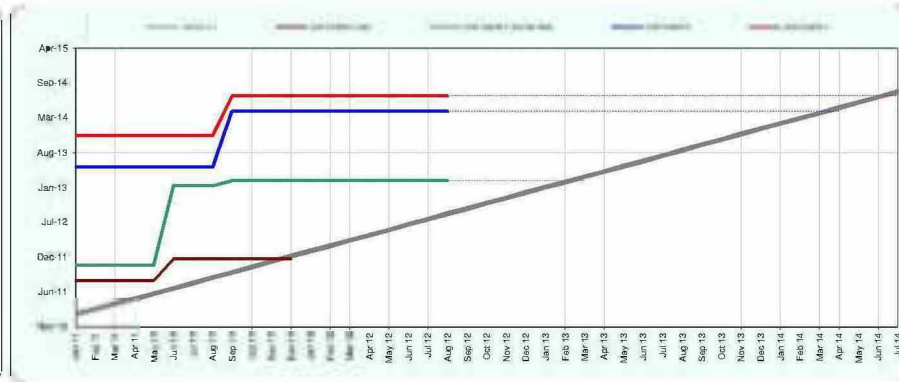
Cashflow



Payment Status



Remaining Performance / Resources



Milestone Trend Analysis (Forecast Rev4)



Contingencies vs Risks

## 1.02 Short note on Overview Charts

### 1.2.1 Performance

During August works were performed in accordance with the agreed Programme Rev5.

Actual performance:	£6,582,927
Planned performance:	<u>£6,264,000</u>
Variance:	£318,927

### 1.2.2 Project Cost

The Project Costs reflecting the new contractual arrangements in accordance with the Settlement Agreement signed on 15/09/2011. Strict control measures on expenditures, employment etc. have been established as well as monthly cost control meetings with the relevant site management to increase awareness and effectiveness of cost control.

### 1.2.3 Project Result

The monthly cumulative result adds up to	£15,879,749	or	8.32%
The forecast/planned result shows	£22,735,664	or	8.19%
in the R&O Sheet the project will result in a weighted margin of	£26,461,765	or	9.54%

### 1.2.4 Payment Status

The payments from the client CEC remain in the timeschedule as agreed after Mediation.

Invoiced net to the client:	£217,835,422
Paid net from the client:	<u>£217,835,422</u>
Variance	£0

### 1.2.5 Cashflow

The ETN project cash flow increased further positive.

As part of the settlement agreement a revised milestone payment schedule has been agreed, securing payments in timely manner for a positive cash forecast.

Cash in net:	£218,768,911	(incl. interest income)
Cash out net:	£164,557,187	
Cash balance net:	£54,211,724	

### 1.2.6 Contingencies

The value for the remaining estimated contingencies has been adjusted due to reduced risks to:

£3,854,780 (see attachment 3.01)

### 1.2.7 Construction Programme

A updated Programme (Rev 5) has been agreed with the client on the 1st of June 2012.

Contractual milestones have been defined unchanged as follows:  
 Sectional A Completion Date by 16th December 2011 - Achieved  
 Sectional B Completion Date by 08th March 2013  
 Sectional C Completion Date by 09th April 2014  
 Sectional D Completion Date by 08th July 2014

### 1.03 General Information

**1.3.1 Short note on progress, events this month**
Mobilisation :
Design:

Further instructions to perform additional conceptual design options and design changes were received during the month, which are scheduled to be completed by end 2012.

Procurement :

All new subcontract arrangements are finally negotiated.

Construction :

During August works were performed in accordance with the agreed Programme Rev5.

Contract :

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 Contract Amount of £ 271.542.291.

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.

In August 11 new / revised Change Orders and further On-Street works certified increased the Variation Order value in an amount of £ 3,364,397 up to £ 5,908,882 in total.

**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
28/08/2012	TCO for Edinburgh Gateway amounting to 3.0 Mio received	

**1.3.4 Status on Major Unapproved Claims / Variations / Changes**

Several changes have been notified (see list 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 UK LIMITED			Construction end date	16-Jul-11	08-Jul-14	1,088 days							
	0			Total excl. Site Removal	38.0 month	73.8 month	194.0 %							
Currency:	GBP	Rp.	(all amounts without V.A.T.)	Expired construction time	51.5 month	51.5 month	69.9 %							
Rate of Exchange Top Sheet:	1 GBP =	1.11 EUR	Actual:	Performance to date		190,886,326 GBP	68.8 %							
Share: 100%				Share: 0%										
2. Total Contract Value				Date of Contract		Total Previous Month	August 2012	Total Reporting Month						
Contract Value with Client (Rev 4 evaluation)				271,542,291 (incl. SDS NovaAgree)	100.00%	274,086,776	100.9%	3,364,397	277,451,173	102.2%				
Contract Value with 3rd Parties (without interest)						0	0.0%	0	0	0.0%				
						274,086,776	100.9%	3,364,397	277,451,173	102.2%				
3. Claims and Variations				Total Previous Month		August 2012	Total Reporting Month							
Claims and Variations approved				2,544,485	0.9%	3,364,397	5,908,882	2.2%						
Claims and Variations submitted but not approved yet				6,000	0.0%	-42,939	-36,939	0.0%						
Claims and Variations under preparation				0	0.0%	0	0	0.0%						
4a. Performance				Total Previous Month		August 2012	Total Reporting Month							
Performance for Actual Contract Value with Client				184,303,399	67.24%	6,582,927	190,886,326	68.80%						
Performance for 3rd Parties (without interest)				0	0.00%	0	0	0.00%						
Total Performance to Date				184,303,399	67.24%	6,582,927	190,886,326	68.80%						
Remaining Performance to Date				89,783,377	32.76%		86,564,847	31.20%						
Actual Planned Performance (Planned Performance per report date - Performance Last Month)				184,303,399	67.24%	6,264,000	190,587,399	68.69%						
4b. Cost				Total Previous Month		August 2012	Total Reporting Month							
Actual Cost at Reporting Date				168,915,647	61.63%	6,090,930	175,006,577	63.08%						
5. Result				Date of Contract		Total Previous Month	August 2012	Total Reporting Month						
Planned Result for Contract with Client (revised evaluation)				19,632,508	7.23%	22,325,688	8.15%	409,976	22,735,664	8.19%				
Actual Result at Reporting Date						15,387,752	8.35%	491,997	15,879,749	8.32%				
Forecast Result at the End of Contract						22,325,688	8.15%	409,976	22,735,664	8.19%				
Weighted Result at the End of Contract (Likely Case)						26,051,789	9.50%	409,976	26,461,765	9.54%				
6. Invoices, Payment and Bank account				Total Previous Month		August 2012	Total Reporting Month							
Application to the client - excl. VAT				incl. Ret. Money	0	0.00%	211,958,713	77.33%	6,502,185	218,460,898	78.74%			
Certified by the client (Invoice) - excl. VAT				incl. Ret. Money	0	0.00%	210,172,208	76.68%	7,663,214	217,835,422	78.51%			
Cash in from the client - excl. VAT				excl. Ret. Money	0	0.00%	210,172,208	76.68%	7,663,214	217,835,422	78.51%			
Cash in from 3rd Parties - excl. VAT						0	0.00%	0	0	0.00%				
Interest income						927,598	0.50%	5,891	933,489	0.49%				
Cash out (excl. VAT)						156,299,339	57.03%	8,257,848	164,557,187	59.31%				
Net Liquidity				credittline	0	0%	54,800,466	19.99%	-588,743	54,211,724	19.54%			
7. Subcontractor Work (incl. Design)				Total Previous Month		August 2012	Total Reporting Month							
Total Portion of Subcontractor Budget (first evaluation)				60,353,024 (incl. SDS)	22.23%	186,501,000	68.04%	2,978,468	189,479,468	68.29%				
Total Amount of signed Subcontracts incl. approved Variation Order						0	0.00%	0	0	0.00%				
Total Subcontractor Result to date						0	0.00%	0	0	0.00%				
Actual Subcontractor Costs to date (incl. Accruals)						0	0.00%	0	0	0.00%				
Therefrom invoiced to date						0	0.00%	0	0	0.00%				
8. Actual Forecast for Performance and Result				in		TSD GBP								
Performance		Original planned				Actual / Forecast					Yearly Forecast			
		2008	2009	2010	2011	2008-2010	2011	2012	2013	2014	Performance and Result in 2008-2010			
											Performance	100,868,316	36.4%	
											Result	0		
											Performance and Result in 2011			
Jan		1,706	2,786	2,346		1,573	5,817	4,894	2,812		Performance	35,119,425	12.7%	
Feb		2,526	4,026	2,026		815	6,518	4,890	2,805		Result	11,143,480	31.73%	
Miz		3,526	5,026	2,526		788	7,419	4,887	2,778		Performance and Result in 2012			
Apr		4,526	5,276	2,526		12,940	1,424	7,646	4,865	2,820	Performance	76,549,543	27.6%	
Mai		855	5,776	6,026			1,574	7,266	4,746	2,004	Result	6,272,832	8.19%	
Jun		1,355	5,776	6,526			2,056	7,720	4,428	817	Performance and Result in 2013			
Jul		2,375	5,776	6,526			37,734	1,937	5,930	4,345	605	Performance	50,273,825	18.1%
Aug		2,855	6,026	6,526				1,355	6,583	4,336	Result	4,119,675	8.19%	
Sep		3,055	4,626	6,526				7,192	6,020	4,336	Performance and Result in 2014			
Okt		2,855	4,026	6,526				5,712	5,227	2,837	Performance	13,218,329	4.8%	
Nov		1,535	2,526	5,026				5,867	4,888	2,827	Result	1,083,172	8.19%	
Dez		1,446	1,866	1,706							Total Performance and Result			
Total		16,334	48,678	62,498	13,999						Performance	276,029,438	99.5%	
		Linear Calculation									Result	22,619,160	8.19%	
											total: 277,451			
Edinburgh, 13/09/2012						Edinburgh, 13/09/2012					C Gebauer Project Control Manager			
Place and Date						Place and Date					C Gebauer 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 to Job Site Estimate incl. Approved Integrated Changes	277,451	277,451	277,451	1	Actual Cost Forecast according to Job Site Estimate incl. cost for integrated Changes	-254,716	-254,716	-254,716
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	277,451	277,451	277,451	6 =1+3+4+5	Forecast Final Costs	-248,717	-250,989	-254,716

	Costs	best case	likely case	worst case
Forecast Final Result ( <b>best case</b> ) (Revenue Best Case + Forecast Cost all cases)	Revenue Costs Result	277,451 -248,717 28,734		
% Gross Margin based on Revenue Best Case	Revenue: 277,451	10.36%		
Forecast Final Result ( <b>most likely case</b> ) (Revenue most likely case + Forecast Costs all cases)	Revenue Costs Result		277,451 -250,989 26,462	
% Gross Margin based on Revenue Likely Case	Revenue: 277,451		9.54%	
Forecast Final Result ( <b>worst case</b> ) (Revenue worst case + Forecast Costs all cases)	Revenue Costs Result			277,451 -254,716 22,736
% Gross Margin based on Revenue Worst Case	Revenue: 277,451			8.19%
Gross Margin previous month ( <b>most likely case</b> )		10.33%	9.50%	8.15%

	Project: <b>Edinburgh Tram Network</b> as per: <b>31/08/2012</b>	
<b>2.01 Cost Reconciliation Sheet</b>		
<b>see following pages</b>		



Project: GB-2006-1001JE50 Edinburgh Tram Network 2012-08  
Reporting Month: 52. Report Period, 31/08/2012

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 5=3+4	Actual Allowable incl. agreed VO's 6	Allowable for unapproved VO's 7	Variance to Date 8=(6+7)-5	Revised DJC 1QxDJC-Rate 9	Variance to Date 10 = 9 - 5	Actual Cost with Accruals 11	Actual Allowable 12	Variance 13=12-11	Budget Original WQty. 14	Budget Orig. Contr. with AQTY. 15	Budget Agreed VO's AQTY. 1	Budget unappr. VO's AQTY. 17	Budget Total AQTY. 18=15+16+17	Revised DJCt AQTY. 19	% Complete 20=9/19	Cost to Complete (AQ-IQ) 21=19-9	Forecast Final Cost 22=5+21	Forecast Final Variance 23=18-22	Projected Variance (linear) 24=8/20	
<b>Evaluation with Activity Model: Rev.7_20120331</b>																								
25.1.201.12	SECTION 1C	1,179,771	716,368	1,896,139	1,910,144	0	14,005	1,910,144	14,005	522,481	565,518	43,033	9,613,037	9,613,037	-708,643	0	8,904,394	8,904,394	21.45%	6,994,250	8,890,389	14,005	65,291	
25.1.201.13	Princes Street (outstanding ...	1,778,543	-107,662	1,670,881	1,683,796	0	12,915	1,739,002	68,121	6,711	-532,100	-538,811	1,160,259	1,160,259	587,306	0	1,747,565	1,747,565	99.51%	8,56	1,679,444	68,121	12,979	
25.1.201.14	SECTION 1D	3,100,112	-112,299	2,987,813	3,067,990	0	80,177	3,067,990	80,177	404,275	494,560	90,285	10,022,227	10,022,227	640,061	0	10,662,288	10,662,288	28.77%	7,594,298	10,582,111	80,177	278,683	
25.1.201.15	SECTION 1CD - SITE WIDE	2,534,441	499,259	3,033,700	3,070,030	0	36,330	3,070,030	36,330	221,715	210,870	-10,845	5,916,403	5,916,403	192,82	0	6,109,230	6,109,230	50.25%	3,039,200	6,072,900	36,330	72,299	
1.1	CONSTRUCTION ON-STREET rev ...	8,592,867	995,666	9,588,533	9,731,960	0	143,427	9,787,166	198,633	1,155,182	738,848	-416,334	26,711,926	26,711,926	711,551	0	27,423,477	27,423,477	35.89%	17,636,311	27,224,844	198,633	429,251	
25.1.201.31	Section 1A	3,371,353	0	3,371,353	3,371,353	0	0	3,371,353	0	3,973	0	-3,973	5,592,262	5,592,262	-2,220,909	0	3,371,353	3,371,353	100.00%	0	3,371,353	0	0	
25.1.201.40	Section 1 B	566,937	0	566,937	588,685	0	21,748	588,685	21,748	795	0	-795	588,685	588,685	0	0	588,685	588,685	100.00%	0	566,937	21,748	21,748	
25.1.201.45	Section 1CD	3,190,847	138,994	3,329,841	3,364,108	0	34,26	3,364,108	34,26	-4,768	0	4,768	3,810,714	3,810,714	0	0	3,810,714	3,810,714	88.28%	446,606	3,776,44	34,267	38,816	
25.1.201.96	PSSA - PRINCES STREET SUPPLE...	12,083,223	0	12,083,223	12,083,223	0	0	12,083,223	0	0	0	0	12,083,225	12,083,225	0	0	12,083,225	12,083,223	100.00%	0	12,083,223	0	2	
1.2	CONSTRUCTION ON-STREET origi...	19,212,360	138,994	19,351,354	19,407,371	0	56,017	19,407,368	56,015	0	0	0	22,074,886	22,074,886	-2,220,909	0	19,853,977	19,853,975	97.75%	446,606	19,797,960	56,017	60,566	
25.1.201.54	SECTION 5ABC - Trackworks	9,803,064	1,249,985	11,053,049	10,989,657	0	-63,392	10,989,657	-63,392	1,093,236	998,652	-94,584	18,185,633	18,185,633	2,445,59	0	20,631,226	20,631,226	53.27%	9,641,569	20,694,618	-63,392	-119,001	
25.1.201.58	SECTION 5ABC- Structures	31,629,546	1,359,792	32,989,338	32,990,866	0	1,528	32,990,866	1,528	1,677,668	1,666,544	-11,124	40,222,415	40,222,415	116,945	0	40,339,360	40,339,360	81.78%	7,348,49	40,337,832	1,528	1,868	
25.1.201.61	SECTION 2	16,410,431	1,861,626	18,272,057	18,313,561	0	41,504	18,313,561	41,504	619,619	630,738	11,119	25,898,810	25,898,810	-164,111	0	25,734,699	25,798,398	70.99%	7,484,83	25,756,894	-22,195	58,465	
25.1.201.62	SECTION 7	15,465,900	1,073,967	16,539,867	16,478,364	0	-61,503	16,478,364	-61,503	484,500	408,773	-75,727	16,955,851	16,955,851	409,055	0	17,364,906	17,151,270	96.08%	672,906	17,212,773	152,133	-64,012	
25.1.201.63	SECTION 6	17,198,816	656,125	17,854,941	17,720,466	0	-134,475	17,716,041	-138,900	43,265	51,64	8,382	17,539,988	17,539,988	128,831	0	17,668,819	17,716,041	100.00%	0	17,854,941	-186,122	-134,475	
1.3	CONSTRUCTION OFF-STREET	90,507,757	6,201,495	96,709,252	96,492,914	0	-216,338	96,488,489	-220,763	3,918,288	3,756,354	-161,934	118,802,697	118,802,697	2,936,313	0	121,739,010	121,636,295	79.33%	25,147,806	121,857,058	-118,048	-257,156	
25.1.201.21	TTM	3,131,011	175,068	3,306,079	3,334,769	0	28,690	3,310,868	4,789	58,758	1,346	-57,412	4,258,521	4,258,521	138,696	0	4,397,217	4,397,217	75.29%	1,086,349	4,392,428	4,789	38,106	
25.1.201.25	Advanced Maintenance	9,483	6,909	16,392	15,609	0	-783	15,609	-783	4,398	4,317	-81	0	0	101,384	0	101,384	101,384	15.40%	85,775	102,167	-783	-5,084	
1.4	SECTION 14	3,140,494	181,977	3,322,471	3,350,378	0	27,90	3,326,477	4,006	63,156	5,663	-57,493	4,258,521	4,258,521	240,080	0	4,498,601	4,498,601	73.94%	1,172,124	4,494,595	4,006	33,022	
25.1.201.42	DIRECT JOB COSTS	121,453,478	7,518,132	128,971,610	128,982,623	0	11,013	129,009,501	37,891	5,136,626	4,500,865	-635,761	171,848,030	171,848,030	1,667,035	0	173,515,065	173,412,348	74.39%	44,402,84	173,374,451	140,608	265,683	
25.1.201.44	HAYMARKET OFFICE	516,155	-26,077	490,078	541,519	0	51,441	525,618	35,540	7,644	0	-7,644	1,030,622	1,030,622	30,12	0	1,060,744	1,060,744	49.55%	535,126	1,025,204	35,540	103,816	
25.1.201.53	EDINBURGH PARK STORAGE	1,398,990	13,99	1,412,989	1,457,818	0	44,836	1,457,818	44,836	9,919	0	-9,919	1,716,758	1,716,758	0	0	1,716,758	1,716,758	84.92%	258,940	1,671,92	44,836	52,798	
25.1.201.64	CONSORTIUM OFFICE	3,844,580	20,132	3,864,712	3,897,645	0	32,933	3,897,645	32,933	38,419	43,670	5,251	6,304,886	6,304,886	664,971	0	6,969,857	6,907,532	56.43%	3,009,88	6,874,599	95,258	58,361	
25.1.201.65	STAFF	21,444,822	62,152	21,506,974	21,534,647	0	27,673	21,534,647	27,673	319,336	305,545	-13,791	33,262,345	33,262,345	1,081,080	0	34,343,425	33,747,124	63.81%	12,212,47	33,719,451	623,974	43,368	
25.1.201.66	DESIGN	12,494,013	845,390	13,339,403	13,365,105	0	25,742	13,358,917	19,552	475,287	489,627	14,340	14,780,459	14,780,459	1,183,944	0	15,964,403	15,958,287	83.71%	2,599,372	15,938,735	25,668	30,751	
25.1.201.67	FINANCE	695,593	106,907	802,500	849,360	0	46,860	829,360	26,860	38,837	36,559	-2,278	10,683,311	10,683,311	225,803	0	10,909,111	10,641,678	7.79%	9,812,318	10,614,818	294,296	46,860	
25.1.201.68	ORIGINAL TENDER	543,775	0	543,775	543,775	0	0	543,775	0	0	0	0	543,775	543,775	0	0	543,775	543,775	100.00%	0	543,775	0	0	
25.1.201.71	CONSULTANTS	4,014,674	59,908	4,074,582	4,080,328	0	5,746	4,080,328	5,746	64,865	22,194	-42,671	6,699,594	6,699,594	239,115	0	6,938,709	6,872,482	59.37%	2,792,154	6,866,736	71,973	9,678	
25.1.201.72	INDIRECT JOB COST	44,952,602	1,082,36	46,034,968	46,270,197	0	235,231	46,228,106	193,140	954,307	897,595	-56,712	75,021,750	75,021,750	3,425,035	0	78,446,785	77,448,380	59.89%	31,220,274	77,255,240	1,191,545	345,833	
25.1.201.72	RISKS & OPPORTUNITIES	0	0	0	0	0	0	0	0	0	0	0	5,040,000	5,040,000	0	0	5,040,000	3,854,780	0.00%	3,854,780	3,854,780	1,185,220	0	
25.1.201.72	CONTINGENCIES	0	0	0	0	0	0	0	0	0	0	0	5,040,000	5,040,000	0	0	5,040,000	3,854,780	0.00%	3,854,780	3,854,780	1,185,220	0	
<b>Total</b>		<b>166,406,080</b>	<b>8,600,496</b>	<b>175,006,576</b>	<b>175,252,820</b>	<b>0</b>	<b>246,244</b>	<b>175,237,607</b>	<b>231,031</b>	<b>6,090,933</b>	<b>5,398,460</b>	<b>-692,473</b>	<b>251,909,780</b>	<b>251,909,780</b>	<b>5,092,070</b>	<b>0</b>	<b>257,001,850</b>	<b>254,715,508</b>	<b>68.80%</b>	<b>79,477,901</b>	<b>254,484,477</b>	<b>2,517,373</b>	<b>611,316</b>	
<b>without Allocation</b>													<b>25,705</b>	<b>25,705</b>										

Project: GB-2006-1001JE50 Edinburgh Tram Network 2012-08  
Reporting Month: 52. Report Period, 31/08/2012

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 Allowable 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	
<b>Total Cost incl. Prime Cost Sums</b>		166,406,082	8,600,495	175,006,577	175,252,823		246,246	175,237,608	231,031	6,090,930	5,424,166	-666,764	251,909,780	251,909,780	5,092,071		257,001,851	254,715,509	68.8 %	79,477,901	254,484,478	2,517,373	357,916	
<b>Prime Cost Sums 0 / 0</b>																								
<b>Total Cost without Prime Cost Sums</b>		166,406,082	8,600,495	175,006,577	175,252,823		246,246	175,237,608	231,031				251,909,780	251,909,780	5,092,071		257,001,851	254,715,509		79,477,901	254,484,478			

REMEASURED CONTRACT:

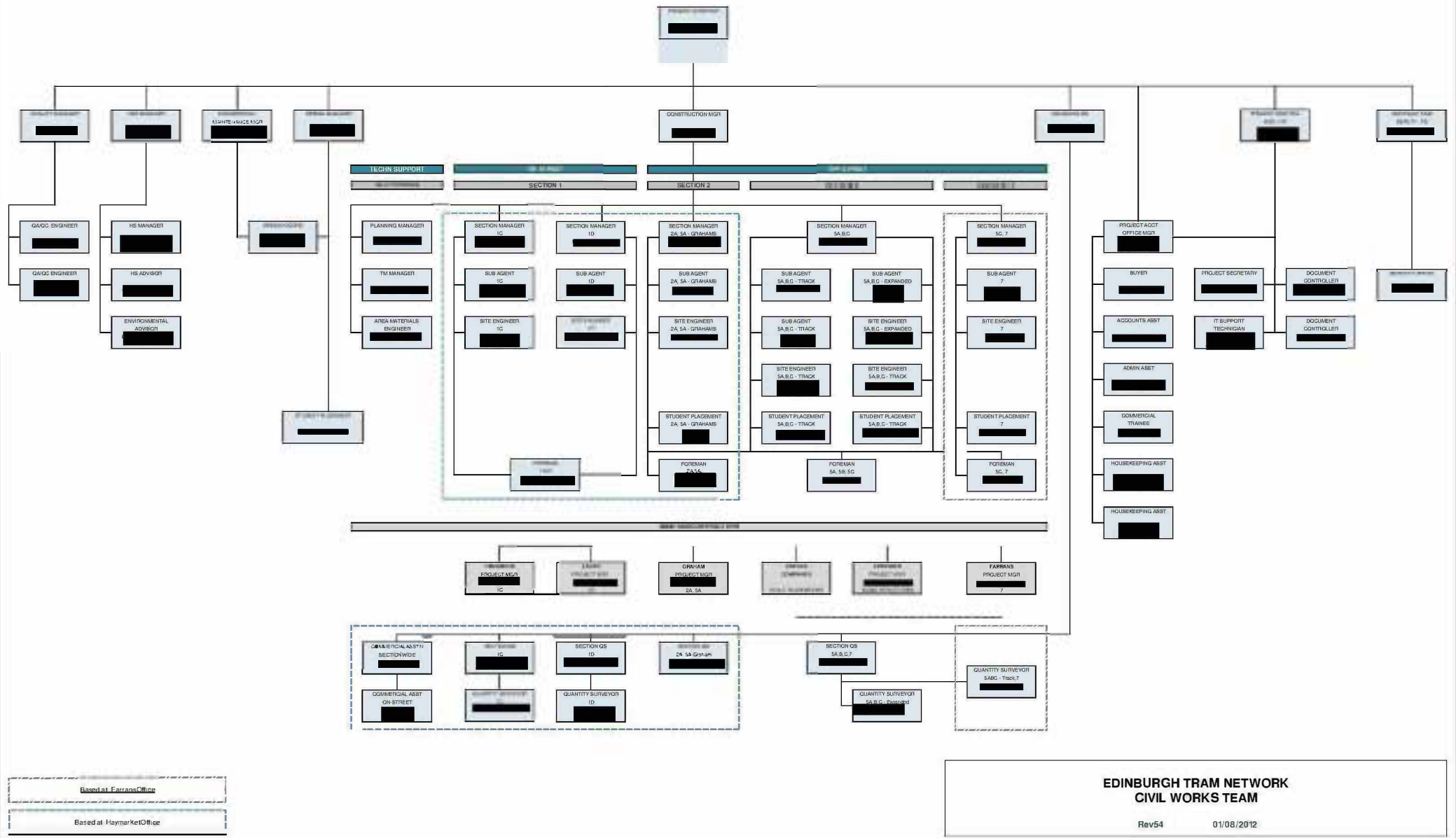
Gross Margin original Contract and agreed VO's (PF = 1.0893, PFB = 1.0796)

<b>Total Cost without Prime Cost Sums</b>		175,006,577	175,252,823		175,237,608			251,909,780	251,909,780	5,092,071		257,001,851	254,715,509		254,484,478
Gross Margin			13,950,125		15,648,718			19,632,511	19,632,511	816,811.00		20,449,322	22,735,664		22,966,695
Gross Margin in % of Performance			7.37 %		8.20 %			7.23 %	7.23 %	13.82 %		7.37 %	8.19 %		8.28 %
<b>Performance without Prime Cost Sums</b>			189,202,948		190,886,326			271,542,291	271,542,291	5,908,882		277,451,173	277,451,173		277,451,173
Actual Cost to date			175,006,577		175,006,577										
Gross Margin to date			14,196,371		15,879,749										
Gross Margin to date in % of Performance			7.50 %		8.32 %										
<b>Performance Prime Cost Sums</b>															
Total Performance			189,202,948		190,886,326			271,542,291	271,542,291	5,908,882		277,451,173	277,451,173		277,451,173
Revenue according WBS															

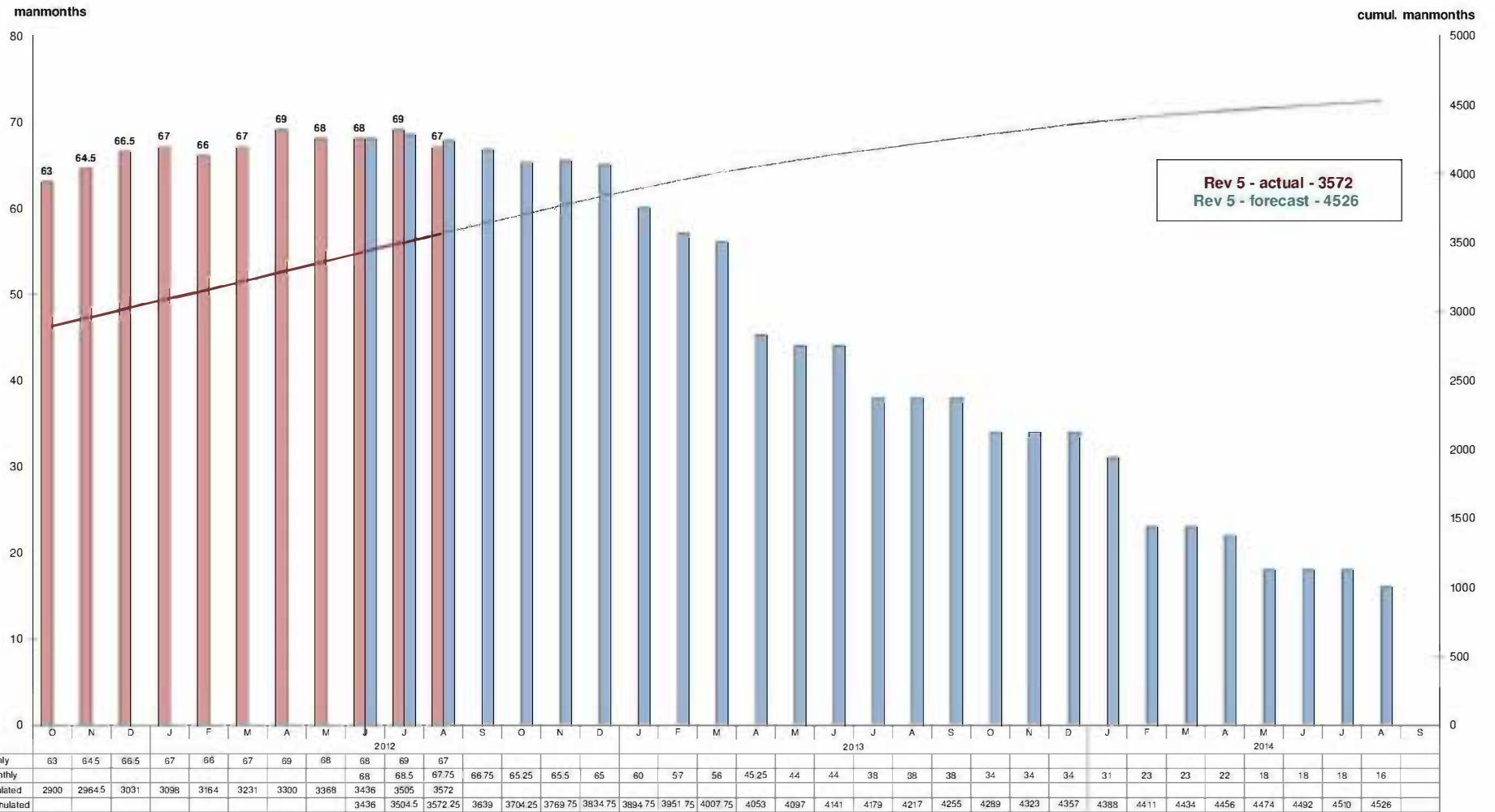
Gross Margin (weighted) original Contract, agreed and valued VO's (PF = 1.0893, PFB = 1.0796)

<b>Total Cost without Prime Cost Sums</b>			175,252,823		175,237,608			251,909,780	251,909,780	5,092,071		257,001,851	254,715,509		254,484,478
Gross Margin			13,950,125		15,648,718			19,632,511	19,632,511	816,811.00		20,449,322	22,735,664		22,966,695
Gross Margin in % of Performance			7.37 %		8.20 %			7.23 %	7.23 %	13.82 %		7.37 %	8.19 %		8.28 %
<b>valued Performance without Prime Cost Sums</b>			189,202,948		190,886,326			271,542,291	271,542,291	5,908,882		277,451,173	277,451,173		277,451,173
Actual Cost to date			175,006,577		175,006,577										
Gross Margin to date			14,196,371.00		15,879,749										
Gross Margin to date in % of Performance			7.50 %		8.32 %										
<b>Performance Prime Cost Sums (incl. valued performance)</b>															
Total Performance (incl. valued performance)			189,202,948		190,886,326			271,542,291	271,542,291	5,908,882		277,451,173	277,451,173		277,451,173
Revenue according WBS (VO's valued)															
Revenue according WBS (VO's valued by 100%)															

2.05 Organisation Chart



2.06 Staff Chart



month's

**2.08a Approved Change Orders**

PRC	TNC	ECC	EOP	Design	EOT	EOT-15	EOT-30	Section / Activity	Description	Date Issued	59	Revenue	Job Estimate Budgets					Margin in %	
													EOT	Design	Construction	Preliminaries	Margin		
	501	502						1A	66	Additional Cycle Path at Lindsay Road - Hawthornvale	26/11/2011		20,021.00		14,841.00		3,359.91	1,820.09	9.09%
	502	508						1A	66	New Footpath at ocean Drive	26/10/2011		10,231.00		7,584.00		1,716.91	930.09	9.09%
	503	515						5C	63	OLE temporary portals at Depot Access Bridge to allow finalisation without Edinburgh Gateway	01/12/2011		16,980.40			12,587.00	2,849.73	1,543.67	9.09%
	504	506						1C	66	Inclusion of Blenheim Place redesign (for TRC) within Picardy Place redesign - instruction	26/10/2011		46,247.00		34,283.00		7,759.73	4,204.27	9.09%
	505	513						1C	66.12	Incorporating New run time model based on York Place Terminal Agreement	29/11/2011		228,652.80		169,498.00		38,368.18	20,786.62	9.09%
	506	503A						1C	66	Princes St - new cycle way from The Mound into Princes Street	26/10/2011 30/01/2012		11,105.84		6,995.00		3,100.04	1,009.60	9.09%
	507	504A						1C	66	St Andrew Square Public Realm Design finalisation (will follow on from item 15 above)	15/12/2011		133,075.48		98,648.00		22,329.71	12,097.77	9.09%
	509	519						OH	66	Cathedral Lane Substation - change to Henderson Global Design	15/12/2011		233,595.67		173,162.10		39,197.60	21,235.97	9.09%
	520	553							63	Valve chamber access and alterations to 800mm water main at depot	28/02/2012		100,522.72			71,231.50	20,152.79	9,138.43	9.09%
10	511	511						5C	66/63	Allow for stormwater connection from Gogar Lodge to landowners new septic tank. CVI Ref BARR6/015	22/11/2011		5,750.46		3,440.00	849.40	938.29	522.77	9.09%
12	512	505A						1A	66	Incorporate AECOM design for Ocean Terminal Bypass Road	28/02/2012		53,685.15		39,795.26		9,008.43	4,880.47	9.09%
13	508	507						7A	66	New Road Safety Audit to achieve BAA/EAL approval	26/10/2011		10,025.00		7,432.00		1,681.64	911.56	9.09%
14	531, 594C	532, 599B						5C	58	Edinburgh Gateway Works, Slope Option, Temporary Design	15/06/2012		9,348.57			6,930.00	1,568.70	849.67	9.09%
15	513	528A						SWON	66	Utility Conflict verification design changes	20/02/2012		158,870.49		116,286.50		26,323.04	14,260.95	9.09%
16	514	554						SWON	15	Utility mapping	29/02/2012		92,756.07			68,759.13	15,564.57	8,432.37	9.09%
17	516	565							58	Additional watermain requirement at Depot and Mini Test track	26/04/2012		51,281.72			38,014.62	8,605.13	4,661.97	9.09%
18	517	539							63	Additional BT Ducts at Depot and Mini Test track	16/01/2012		2,995.00			2,220.90	502.73	272.36	9.09%
19	524	586							66.62	NIL Design Finalisation	16/07/2012		40,559.19		3,784.50	33,581.17	7,075.32	3,657.20	9.09%
20	539	529						SW	SW	Programme Rev 3A/4	21/12/2011		2,851,900.00	2,356,942.15				494,957.85	17.36%
22	529	524A						OH	66.7	Redesign Gogar Castle Access Road	17/01/2012		31,308.00		23,208.30		5,253.52	2,846.18	9.09%
23	530	525						OH	66	Depot Access Road Turning Head	16/12/2011		30,458.40		22,578.50		5,110.95	2,788.95	9.09%
26	576	543						5C	63	Reinstatement 250mm Watermain	26/04/2012		36,787.81			27,270.43	6,173.03	3,344.35	9.09%
27	526	518							63	Tram Delivery Temporary Works	12/12/2011		6,878.44			5,331.65	921.48	825.31	9.09%
31	544	512						OH	64	Extension to Edinburgh Park Office to accommodate CEC/Transport Scotland	22/11/2011		159,900.00			139,043.40	6,320.24	14,536.36	9.09%
38	549	510						1D	14	Move 3 No OLE's (St John's Church) to central reserve (SV208G)	22/11/2011		TBC						
39	550	514						OH	66	Move OLE's in Shandwick Place and amend Landscaping	19/12/2011		TBC						
41	534	566						5ABC	54	Scottish Power Insurance Ducts	01/05/2012		5,636.59			4,178.35	945.83	512.42	9.09%
42	540	509A							54.66	Amendment to landscaping scope at plot 304 section 7	01/02/2012		201,120.00		3,768.00	152,855.97	33,748.39	18,283.64	9.09%
45	555,557, 562	521B,523, 530						OH	66	Siemens OLE design update	05/04/2012		92,434.12		68,520.47		15,510.54	8,403.10	9.09%
46	566	535A						OH	66	On-Street design changes due to utilities conflicts	19/01/2012 01/06/2012		25,425.77		18,847.87		4,266.47	2,311.43	9.09%
47	568	537A						OH	66	On-Street Design Changes due to trackform conflicts	19/04/2012		9,024.15		6,689.51		1,514.26	820.38	9.09%
48	553	516C						OH	66	SDS to provide services of Matt Hill	05/08/2012		79,889.01		51,246.00		21,380.37	7,262.64	9.09%
50	567	536B						OH	66	On-Street drainage design changes due to utilities conflicts	30/05/2012		84,142.39		62,373.90		14,119.19	7,649.31	9.09%
51	558	522A						OH	65	Provision of CAD Technician	03/02/2012		1,693.00			1,255.00	284.09	153.91	9.09%
53	559	545						OH	66	Detailed Design of York Place Terminal	03/02/2012		56,438.11		41,837.00		9,470.37	5,190.74	9.09%
54	565	533B						OH	66	Advance design Edinburgh Gateway - Minimum Option	19/01/2012		6,000.00		4,447.74		1,006.61	545.45	9.09%

**2.08a Approved Change Orders**

PRC	INC	ECC	EOP	Design	EOT	EOT-13	EOT-05	Section / Activity	Description	Date Issued	59	Revenue	Job Estimate Budgets					Margin in %	
													EOT	Design	Construction	Preliminaries	Margin		
55	564	531						SWON 15	Worksite Modelling for TMA1 Waverley Court	21/12/2011		TBC							
56	563	534						OH 66	On-Street design of circular pile caps	09/01/2012		TBC							
57	569	538						OH 64	Running costs with the CEC office extension at Edinburgh Park	12/01/2012		79,220.00		68,886.96	3,131.23	7,201.82	9.09%		
59	561	528						1A 31	Value Engineering Forth Port Section 1A	21/12/2011		2,443,000.00		2,220,909.09		222,090.91	9.09%		
62	572	540A						OH 66	Cathedral Lane Substation Design	18/01/2012 29/06/2012		34,458.66	25,544.00		5,792.23	3,132.62	9.09%		
63	574	542A						2A 61	Haymarket Viaduct delete parts of cladding	16/07/2012		5,571.34		4,055.13	1,009.73	506.49	9.09%		
64	571A	573						1D 66	Hope Street reinstatement	01/06/2012		10,000.00	7,412.90		1,676.01	909.09	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		57,994.00		52,712.73		5,271.27	9.09%		
70	586	557A						1C 66	Amended Design on St Andrew Square	20/08/2012		15,227.51	11,288.00		2,555.19	1,384.32	9.09%		
71	587	555A						SWON 66	Revised Set Locations and new Set Specification	13/03/2012 19/05/2012		27,858.20	20,651.00		4,674.64	2,532.56	9.09%		
78	588	551						1D 21	Return of parking spaces Stafford Street	20/02/2012									
81	582	549						5A 61	Deleted Rosaburn Viaduct Trespa cladding	09/02/2012		308,004.00		280,003.64		28,000.36	9.09%		
83	589	552						62	Deletion of Airport Kiosk	29/02/2012		150,000.00		136,363.64		13,636.36	9.09%		
84	593	566A						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		2,428.20		1,800.00	407.45	220.75	9.09%		
89	601	560						5C 62.66	Shelters at Gogarburn Tramstop to be 8m length	15/03/2012 14/09/2012		27,862.68	2,671.00	17,983.26	4,675.37	2,532.96	9.09%		
91	574	574						1A 21	Ongoing Traffic Management	12/06/2012		133,140.45		98,695.66	22,341.11	12,103.68	9.09%		
92	595	566						2A 61	Deletion of crew relief facilities	08/05/2012		74,001.12		54,856.28	12,411.74	6,727.37	9.09%		
92	616	567						2A 61	Crew relief wall construction to close void beneath Haymarket Viaduct	08/05/2012		10,797.88		8,004.36	1,811.90	981.63	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		6,176.31		4,578.44	1,036.39	561.48	9.09%		
115	620	569						66	Airport Tram Stop Design	10/05/2012		8,372.50	6,206.45		1,404.91	761.14	9.09%		
117	622	589						SW 53	Payment for power supplies provided by CEC (Siemens Reference SV-0132h)	16/07/2012		TBC							
118	632	570							Depot Building Water Ingress	16/05/2012		TBC							
119	627	599						1D 66	St Johns Church deletion of pedestrian barrier	21/08/2012									
120	623	596						25	Gogar Depot Repair	26/06/2012		1,867.15		1,384.10	313.31	169.74	9.09%		
121	663	588						5C 63	Estimate for CEC for purchasing the existing heras fencing surrounding the Mini Test Track	16/07/2012		6,423.88		4,761.96	1,077.93	583.99	9.09%		
124	636	571A						5C 54.66	Twin crossings at Lochside Avenue	22/05/2012 01/06/2012		TBC							
140	640	585						5B 67	Unimog - Insurance Premium	11/07/2012		TBC							
148	643	572B						5C 54.66	Edinburgh Gateway Works, Construction	26/08/2012		2,972,732.16	126,196.00	2,077,460.16	498,827.62	270,248.38	9.09%		
160	647C	577C						1C 66	Design on street works carriageway reconstruction	14/08/2012		5,000.00	3,706.45		839.01	454.55	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	22/06/2012		1,349.00	1,000.00		226.36	122.64	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		1,000.00		909.09		90.91	9.09%		

2.08a Approved Change Orders

PRC	TNC	ICE	COF	Design	EST	SHE	RIP-02	Section / Activity	Description	Date Issued	59	Revenue	Job Estimate Budgets					Notes	
													EST	Design	Construction	Preliminaries	Margin		Margin in %
170	667	594						2A	66 Call off/service to respond Network Rail Technical Queries	11/07/2012		TBC							
171	668	595						1C	12 York Place, De-scope of Works	12/07/2012		1,015,155.60	966,815.09			48,340.71	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	06/08/2012		TBC							
181	679	601							63 Temporary reduction in the volume of water in Depot storage tanks	14/08/2012		TBC							
lbc	685	603						1A	66 Design and As Built Information Lindsay Road	21/08/2012		TBC							
15	513	ICCO						ID	14 Utility Conflict Verification	31/08/2012		17,210.11	12,757.68	2,887.67	1,564.56	9.09%			
25	543	ICCO						ID	14 Utilities affecting the construction of OHLE foundations in Haymarket 'H1'	31/08/2012		250,503.16	165,695.44	42,034.70	22,773.01	9.09%			
26	521	ICCO						ID	14 Provide temporary accommodation and Welfare facilities	31/08/2012		1,542.96	1,143.78	258.91	140.27	9.09%			
35	547	ICCO						ID	14 Haymarket H1: Third Party affecting our ability to progress the works	31/08/2012		4,065.25	3,013.53	682.15	369.57	9.09%			
36	548	ICCO						ID	14 Haymarket H1: BT Fibre Optic Service required Diverted	31/08/2012		83,052.94	61,566.30	13,936.37	7,550.27	9.09%			
37	528	ICCO						ID	14 Haymarket 1 - Silt Trench Excavation to Validate Utilities	31/08/2012		6,565.45	4,866.90	1,101.69	596.86	9.09%			
38	549	ICCO						PSOW	13 Move 3No OLE's (St John's Church) to central reserve	31/08/2012		32,642.25	24,197.37	5,477.40	2,987.48	9.09%			
40	535	ICCO						PSOW	13 Scottish Water Diversion at junction of Princes Street and South St David Street	31/08/2012		252,985.51	167,535.59	42,461.24	22,998.68	9.09%			
43	551	ICCO						PSOW	13 Xmas Embargo demo, and temp. reinstatement	31/08/2012		203,510.77	150,880.47	34,149.32	18,500.98	9.09%			
52		ICCO						ICD	15 ICD: Early Implementation Of Tim Phase 4 & 5	31/08/2012		185,893.28	137,600.60	31,193.09	16,899.39	9.09%			
55		ICCO						ICD	15 ICD: Work Site Modelling for revised On Street Traffic Management arrangements	31/08/2012		9,416.02	6,980.00	1,680.02	856.00	9.09%			
68		ICCO						ID	14 ID: Utilities Affecting Ability To Place System Drainage	31/08/2012		114,172.97	84,635.26	19,158.35	10,379.36	9.09%			
69		ICCO						ID	14 ID: Geotextile Liner To Clifton Terrace Void	31/08/2012		1,760.16	1,304.79	295.36	160.01	9.09%			
72		ICCO						ID	14 ID: Utilities affecting the construction of OHLE foundations in Shandwick	31/08/2012		281,140.11	206,406.31	47,175.61	25,558.19	9.09%			
77		ICCO						SW	12 Clarification of requirements for sets on the On Street Works	31/08/2012		28,329.00	21,000.00	4,753.64	2,575.36	9.09%			
79		ICCO						1C	12 IC: St Andrew Sq: Third Party affecting our ability to progress the works	31/08/2012		55,507.45	41,147.11	9,314.21	5,046.13	9.09%			
87		ICCO						1C	12 IC: Utilities affecting the construction of OHLE foundations in St Andrew Sq	31/08/2012		37,550.33	27,835.68	6,300.99	3,413.67	9.09%			
88		ICCO						ICD	14 ICD: Residual Road Value Engineering	31/08/2012		201.08	149.06	33.74	18.28	9.09%			
99		ICCO						ID	14 ID: Utilities affecting the ability to progress track excavation Shandwick S1	31/08/2012		10,915.24	8,091.36	1,831.59	992.29	9.09%			
100		ICCO						ID	14 ID: Utilities affecting the ability to progress track excavation Shandwick S2	31/08/2012		9,582.41	7,103.94	1,607.94	871.13	9.09%			
101		ICCO						ID	14 ID: Third Parties affecting the ability to progress track excavation Shandwick S2	31/08/2012		7,160.91	5,308.31	1,201.61	650.99	9.09%			
103		ICCO						1C	12 IC: St Andrew Square: Design, Enabling and Ongoing Maintenance of Temporary Bus Station	31/08/2012		8,885.24	6,586.54	1,490.95	807.75	9.09%			
108		ICCO						ICD	13 ICD: Mound Works	31/08/2012		30,374.66	22,516.43	5,096.90	2,761.33	9.09%			
109		ICCO						ICD	13 ICD: Manhole Inspections and Duct Proving	31/08/2012		21,933.13	16,258.81	3,680.40	1,993.92	9.09%			
110		ICCO						ICD	13 ICD: Duct Chamber and Bedding drawing amendments	31/08/2012		9,426.15	6,987.51	1,581.72	856.92	9.09%			
126		ICCO						ID	14 ID: Hand dig to expose utilities crossing inbound duct bank within S1 at Stafford Street and Lothian Road Junction for IT to action	31/08/2012		5,591.32	4,144.79	938.23	508.30	9.09%			
127		ICCO						ID	14 ID: Utilities affecting ability to install System Ducting through S2. (South Duct Bank)	31/08/2012		17,409.76	12,905.68	2,921.58	1,582.71	9.09%			
128		ICCO						ID	14 ID: Remove and Reinststate with Traps IMU and Track Drainage laid by other within H1	31/08/2012		4,677.71	3,467.54	784.92	425.25	9.09%			
129		ICCO						ID	14 ID: Discovery of unsuitable material below formation of base 131204A within H2.	31/08/2012		4,525.67	3,354.83	759.41	411.42	9.09%			

**2.08a Approved Change Orders**

PRC	INC	CCO	CCP	Design	EST	2012	2013	2014	Section / Activity	Description	Date Issued	59	Revenue	EST	Job Estimate Budgets				Margin in %
															Design	Construction	Preliminaries	Margin	
130		ICCO							ID 14	ID: Remedial works required on the partial return of H1 to infraco on 21 may 2012	31/08/2012		668.17		495.31	112.12	60.74	9.09%	
132		ICCO							ID 14	ID: Transfer plant and materials back to H2 from S4 to recommence works to OHLE bases. Site vacated for T&T.	31/08/2012		1,062.30		787.47	178.25	96.57	9.09%	
133		ICCO							ID 14	ID: Excavate Trial Holes in locations of tree pits through Shandwick S4 behind the existing stone wall to establish foundation depth.	31/08/2012		3,299.24		2,445.69	553.62	299.93	9.09%	
135		ICCO							ID 14	ID: Remove and Reinstall with Traps IMU and Track Drainage laid by other within S1 (East End) and S2.	31/08/2012		9,033.03		6,696.09	1,515.75	821.18	9.09%	
137		ICCO							IC 12	IC: Remove existing pedestrian crossing at junction of St Andrews Square and Princes Street	31/08/2012		3,027.28		2,244.09	507.98	275.21	9.09%	
144		ICCO							IC 12	IC: York Place Closure: Design, Enabling and Ongoing Maintenance	31/08/2012		214,975.02		159,358.80	36,073.04	19,543.18	9.09%	
145		ICCO							PSOW 13	PSOW: Outstanding Works to Princes Street	31/08/2012		190,554.38		141,256.03	31,975.23	17,323.13	9.09%	
157		ICCO							ID 14	ID: Widening of track excavations due to installation of floating track slab in H3 Outbound	31/08/2012		3,014.45		2,234.58	505.83	274.04	9.09%	
158		ICCO							ID 14	ID: Remedial works to reinstatement of the formation level and collapsed ducts in handed back areas (SP1 & SP3)	31/08/2012		5,245.73		3,886.61	680.24	476.88	9.09%	
159		ICCO							ID 14	ID: Works required to deal with existing services within Comms and Traction duct trenches within H1, H2 & H3	31/08/2012		14,756.24		10,938.65	2,476.11	1,341.48	9.09%	
160		ICCO							ID 14	ID: Utilities affecting the working space to all OHLE bases within H2 impacting on formwork and reinforcement	31/08/2012		2,762.04		2,062.30	466.83	252.91	9.09%	
161		ICCO							PSOW 13	PSOW - Remedial works to Traffic Signal works	31/08/2012		5,979.04		4,432.20	1,003.29	543.55	9.09%	
162		ICCO							PSOW 13	PSOW: Watermain Ducting (previously TBA4)	31/08/2012		13,490.00		10,000.00	2,263.64	1,226.86	9.09%	
163		ICCO							PSOW 13	PSOW: Additional OLE Remedials (previously TBA3)	31/08/2012		3,322.45		2,462.90	557.51	802.04	9.09%	
164		ICCO							PSOW 13	PSOW - Traffic signal ducting works - drawing change	31/08/2012		2,872.80		2,129.58	482.06	261.16	9.09%	
165		ICCO							PSOW 13	PSOW: Tram Stop Additional Works (previously TBA2)	31/08/2012		14,876.00		11,027.43	2,496.21	1,352.36	9.09%	
166		ICCO							PSOW 13	PSOW: Water Valve (previously TBA1)	31/08/2012		451.11		334.40	75.70	41.01	9.09%	
167		ICCO							ID 14	ID: Additional TM requirements at Canning Street / Shandwick Place Junction as CEC instruction	31/08/2012		1,132.85		839.77	190.09	102.99	9.09%	
TBA 1		ICCO							PSOW 13	PN43 investigation	31/08/2012		819.52		607.50	137.52	74.50	9.09%	
TBA 2		ICCO							PSOW 13	Pedestrian Guardrail	31/08/2012		9,038.30		6,700.00	1,516.64	821.66	9.09%	
T07-01		ICCO							ID 14	Remediation handback to H1,2,3	31/08/2012		1,100.24		815.60	184.62	100.02	9.09%	
T07-02		ICCO							ID 14	OLE 131, 126A fill below formation	31/08/2012		1,270.60		941.88	213.21	115.51	9.09%	
<b>TOTALS</b>												<b>5,908,882.01</b>	<b>2,356,942.15</b>	<b>1,183,944.45</b>	<b>389,393.64</b>	<b>1,161,790.29</b>	<b>816,811.49</b>	<b>13.82%</b>	
																<b>5,092,070.52</b>			



Project: **Edinburgh Tram Network**  
 as per: **31/07/2012**

**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 Princes Street to the City Chambers (Siemens Reference SV-0023d)	12/01/2012	4,199	2,730	1,980	4,199		
61	573A				2A	Redesign of Roseburn Delta to minimise works in Section 3A	19/01/2012						
93					2A	Network Rail Fence within Tramworks Ltd in Section 2A (Siemens Reference SV-0199M)	04/04/2012						
94	607				SW ON	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	23,853	16,583	36,851	+	
102	612A				SW	Tramstop, Branding Changes - On-Street	25/04/2012						
103	613				1C	Design of temp bus station at St Andrews Sq / Waterloo Place (Siemens Reference SV-0213)	25/04/2012						
105	617A				SW	TramStops, Branding Changes- Off-Street	25/04/2012						
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	Defer installation of Tramstop shelter and Fit Out. (Siemens reference SV-0219)	22/06/2012						
154	656				SW ON	Defer 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. CI 6.0 / Sch 4.5	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	14/08/2012						
194	676				1C	Provision of Drawings for CEC Legal Agreement at Lord Bods Bar	20/08/2012						
195	684					Repairs to damaged utility cover slabs	20/08/2012						
<b>20</b>	<b>17</b>					<b>TOTALS</b>		<b>36,939</b>	<b>24,010</b>	<b>16,623</b>	<b>36,939</b>		

submitted	under preparation
maximum potential of changes	
<b>36,938.95</b>	

Project: **Edinburgh Tram Network**  
 as per: **31/08/2012**



**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.	141,805,131		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	9,233,301	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
												<b>217,835,422</b>	

## 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

#### 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	12	29	71%	30	4	23	1	77%
1D	46	8	37	80%	13	5	8	3	62%
2	32	24	19	59%	107	3	91	12	85%
5A	77	37	26	34%	26	1	20	3	77%
5B	84	25	50	60%	62	5	27	3	44%
5C	49	17	32	65%	44	3	30	3	68%
6	36	0	36	100%	125	0	124	0	99%
7	69	13	59	86%	52	8	37	5	71%
<b>System NCRs (non-audit)</b>					468	29	368	30	79%
<b>Cancelled</b>					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. No internal procedural audits were carried out in the period. an internal auditing training course has been arranged for September. Updating of Inspection and Test Plans and the Project Management Plan is continuing.

Project: **Edinburgh Tram Network**  
as per: **31/08/2012**



**2.12 Safety Information System - SIS**

**Bilfinger Berger Civil<sup>5</sup> - Monthly Safety Report**

Form Nr 0611a

Month **Aug-12** Prepared by [redacted] Contact phone or email: [redacted]@civil.bilfinger.co.uk

Site or office and Unit <sup>5</sup>	BBIB <sup>1</sup> Managers, Supervisors, Foremen	BBIB <sup>1</sup> workers	JV people under BBIB control	Sub-contractors <sup>3</sup>	Agency / hired people / BBSE workers eg BIS	Total	Others, eg public
Number	67		45	454		566	
Hours <sup>2</sup>	11,429		6,890	85,368		103,687	

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						0	
1st Aid only						0	2
Calendar days lost this month + from any previous ongoing accidents						0	

Incidents

Damage				4		0	
Environment Ecology / Pollution				1		1	
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

P Name or incident location/Ref	Employer	Injury / Incident	date of acc / inc	Return to work date <sup>4</sup>	Cal days lost this month. Max 30
[redacted]	[redacted]	Jarred back and painful muscles. The IP worked the day of the injury and the following day but did not return to work on Monday the 30th of July	27-Jul-12	02-Aug-12	3

Return to OHS-WI by **8th** of following month

OHS-WI email: [QM@civil.bilfinger.com](mailto:QM@civil.bilfinger.com)

OHS-WI fax 0049 (0)611 708.769

1. Average number of BBIB staff or site workers during the month.
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
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.
4. If Return To Work (RTW) date has not yet occurred, keep name in box until RTW date known
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
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

\* Definition of RTW: Return to work on the day after the day of accident. You should check if man is available or fit for work during a weekend, then it may not be a RTW

14/09/2012

2.13 Project Photographs

**Picture 01**

**Section 1C**

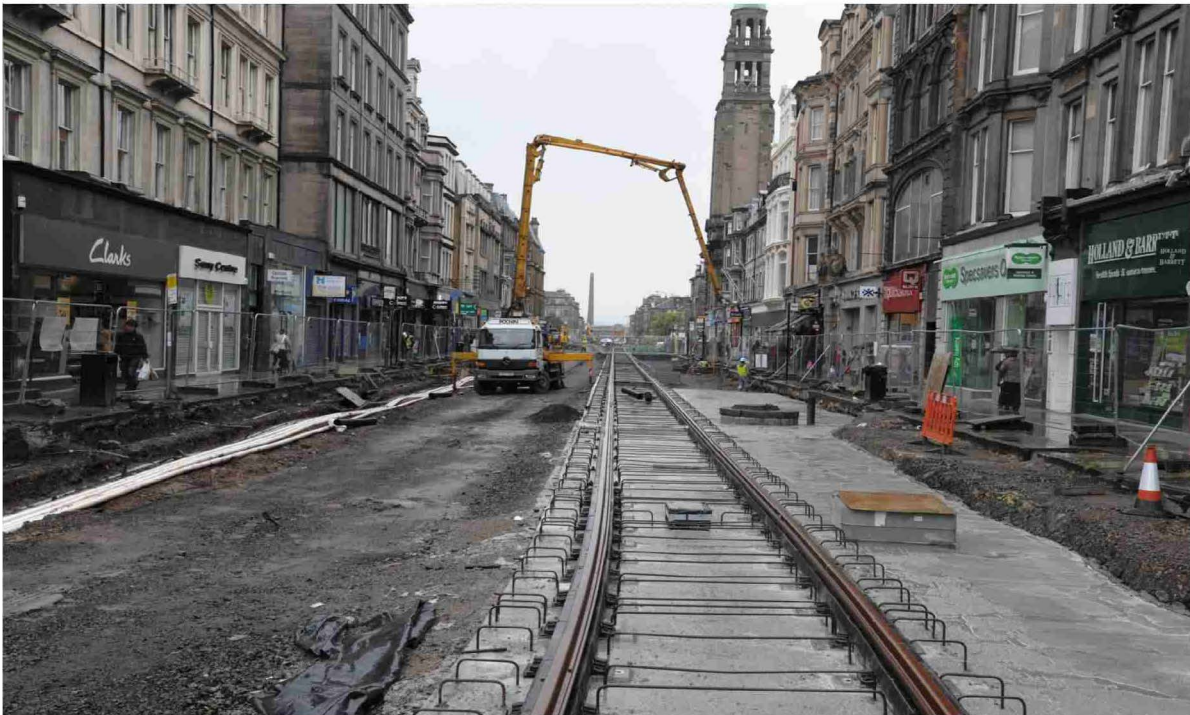
**St. Andrew Square / York Place**



**Picture 02**

**Section 1D**

**Shandwick Place**

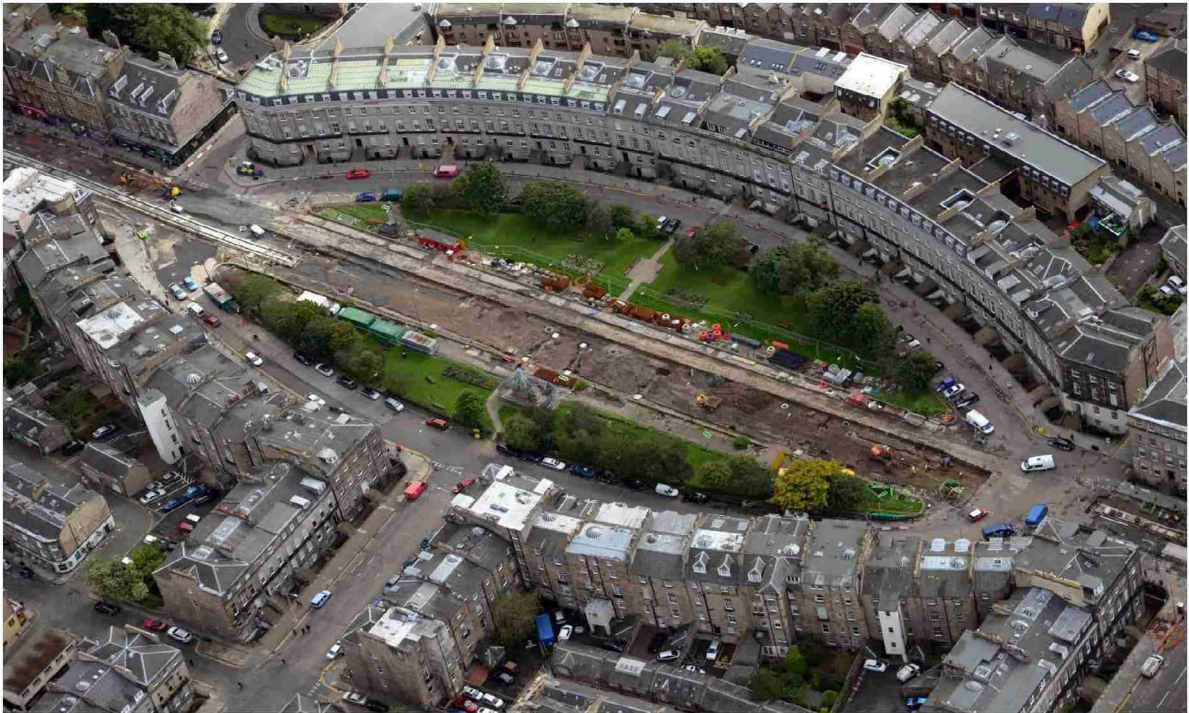


**2.13 Project Photographs**

**Picture 03**

**Section 1D**

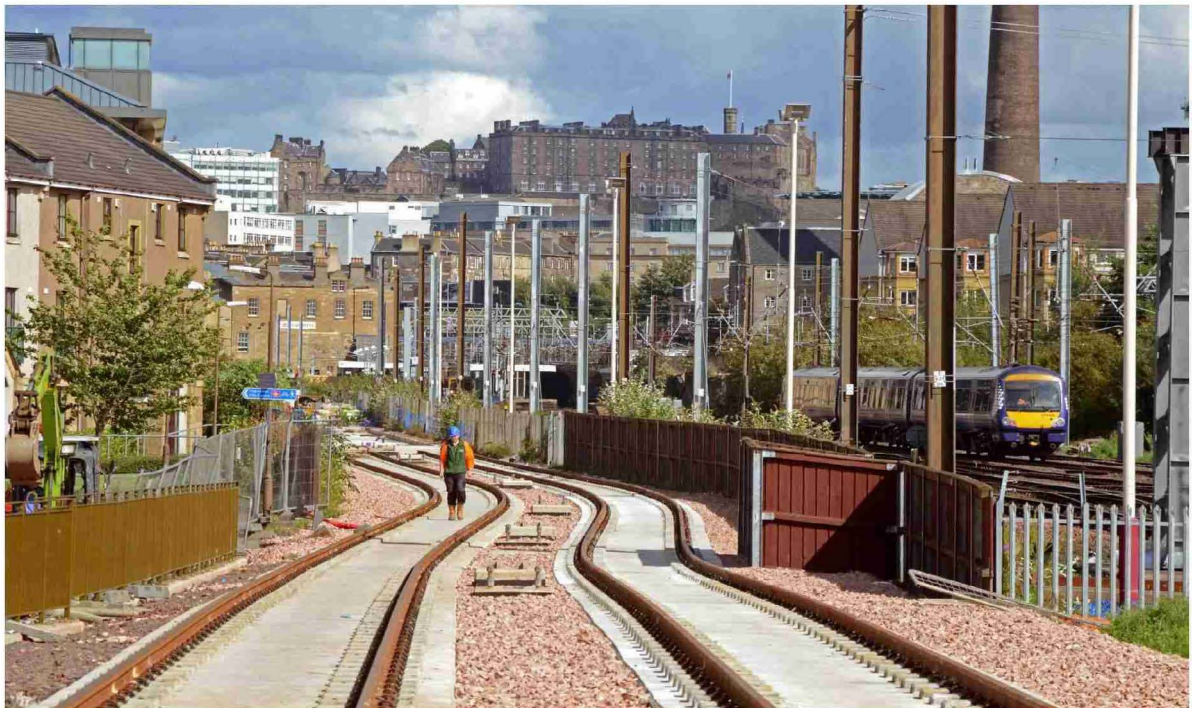
**Shandwick Place**



**Picture 04**

**Section 2A**

**Haymarket Yards**



**2.13 Project Photographs**

**Picture 05**

**Section 2A/5A**

**Russell Road Retaining Wall**



**Picture 06**

**Section 5A**

**Russell Road Bridge**



2.13 Project Photographs

Picture 07

Section 5A

Murrayfield Tramstop



Picture 08

Section 5A

Water of Leith Bridge





2.13 Project Photographs

Picture 09

Section 5A

Water of Leith Bridge



Picture 10

Section 5B

South Gyle Access Bridge



2.13 Project Photographs

Picture 11

Section 5B

Edinburgh Central



Picture 12

Section 5B

Edinburgh Central



2.13 Project Photographs

**Picture 13**

**Section 5C**

**Edinburgh Gateway**



2.13 Project Photographs

Picture 14

Section 5C/7

Gogarburn



Picture 14

Section 7

Ingliston P & R



**3.0 Overview of Contingencies**

Estimated Risks from Risk & Opportunity Sheet / Top Sheet		estimated	used	reduced	remaining
		GBP	GBP	GBP	GBP
<b>Contractual Risks</b>					
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
<b>Total Contractual Risks</b>		<b>690,024</b>	<b>0</b>	<b>-188,188</b>	<b>501,836</b>
<b>Design Risks</b>					
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
<b>Total Design Risks</b>		<b>272,873</b>	<b>0</b>	<b>-250,918</b>	<b>21,955</b>
<b>Construction Risks</b>					
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
<b>Total Construction Risks</b>		<b>1,081,770</b>	<b>0</b>	<b>-18,819</b>	<b>1,062,951</b>
<b>Commercial Risks</b>					
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
<b>Total Commercial Risks</b>		<b>2,995,333</b>	<b>0</b>	<b>-727,295</b>	<b>2,268,038</b>
<b>Other Risks</b>					
					0
					0
					0
					0
<b>Total Other Risks</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Values</b>		<b>5,040,000</b>	<b>0</b>	<b>1,185,220</b>	<b>3,854,780</b>