

# EDINBURGH TRAM NETWORK

## Monthly Project Report July 2012



## Monthly Report Major Projects

**Project: Edinburgh Tram Network**

**Reporting Period: July 2012**

### TABLE OF CONTENTS

**1. Executive Summary**

- 1.01 Project Overview Charts
- 1.02 Short Note on Overview Charts
- 1.03 General Information
- 1.04 Performance Sheet
- 1.05 Weighted Result with Chances and Risks

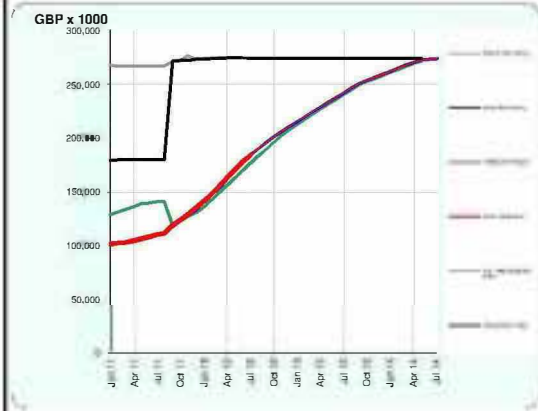
**2. Performance Report**

- 2.01 Cost Reconciliation Sheet
- 2.02 Construction Programme n/a
- 2.03 Comparison of Relevant Basic Data - Figures shown in Table n/a
- 2.04 Comparison of Relevant Basic Data - Figures shown in Diagrams n/a
- 2.05 Organisation Chart
- 2.06 Staff Chart
- 2.07 Plant & Equipment List n/a
- 2.08a Approved Change Orders
- 2.08b Unapproved Changes
- 2.09 Payment Status
- 2.10 Subcontracts n/a
- 2.11 Monthly Report on Quality Management
- 2.12 Safety Information System - SIS
- 2.13 Project Photographs

**3. Attachments**

- 3.01 Overview Movements of Contingencies
- 3.02 Design - Drawing Status n/a

1.01 Project Overview Charts



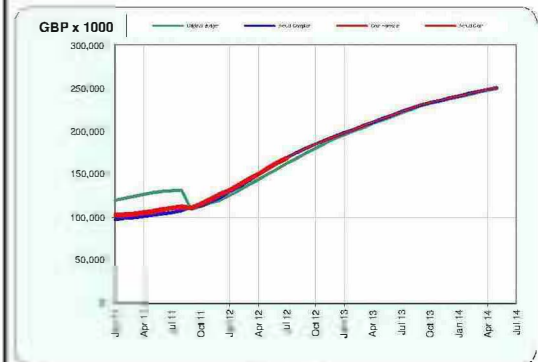
Performance

	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		274,087		
Claims / Variations approved				2,544		
Claims / Variations not approved				6		
Performance		177,057	184,680	184,303	99.8%	green
Actual Cost to Date				168,916	99.8%	green
Result	11.07%	7.23%	8.15%	8.35%	0.9%	green
Payment Status		177,057	209,399	210,172	100.4%	green
Av.Perf/mth: Rem. & act. 3mth			2,806	6,972		green

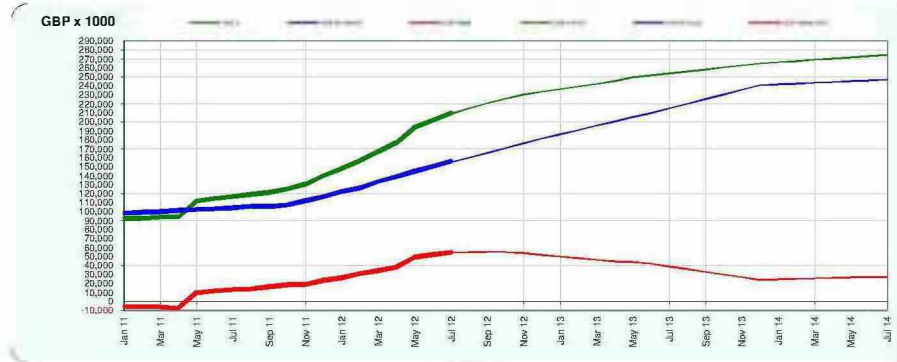
Project Key Figures



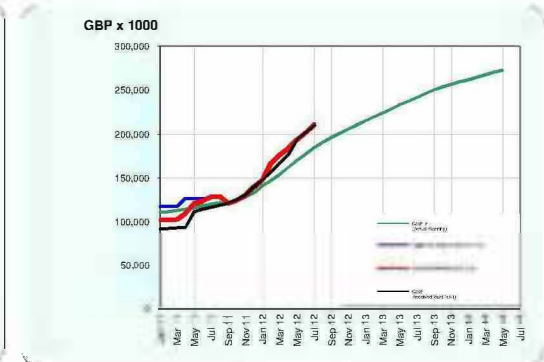
Project Result



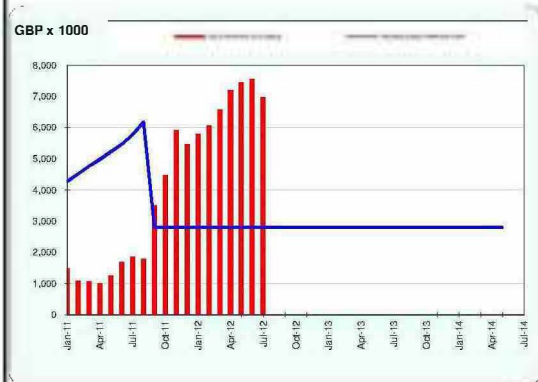
Project Cost



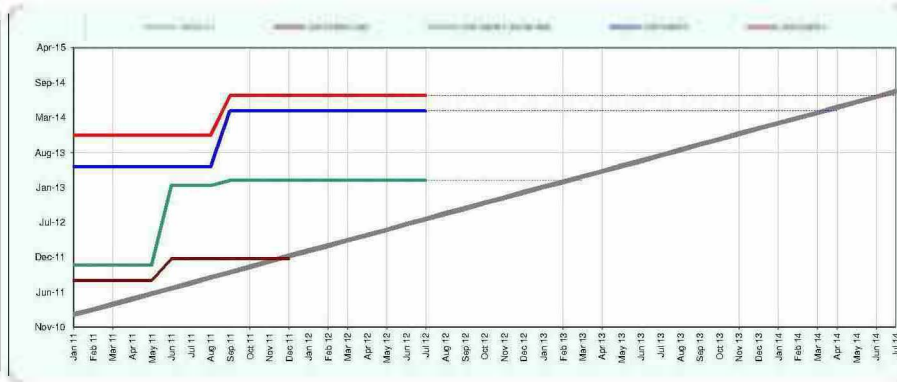
Cashflow



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 July works were performed in accordance with the agreed Programme Rev5.

Actual performance:	£5,929,851
Planned performance:	<u>£6,306,328</u>
Variance:	-£376,477

### 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	£15,387,752	or	8.35%
The forecast/planned result shows	£22,325,688	or	8.15%
in the R&O Sheet the project will result in a weighted margin of	£26,051,789	or	9.50%

### 1.2.4 Payment Status

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

Invoiced net to the client:	£210,172,208
Paid net from the client:	<u>£210,172,208</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:	£211,099,806	(incl. interest income)
Cash out net:	£156,299,339	
Cash balance net:	£54,800,466	

### 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 which are scheduled to be completed by summer 2012.

Procurement :

All new subcontract arrangements are finally negotiated.

Construction :

During July 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 July 11 new/revised Change Orders and further On-Street works certified. Because of a descoping variation in a value of ~1M the Variation Order value dropped down in an amount of £ -741,790 to £ 2,544,485 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

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

Several changes have been notified (see list Unapproved Changes).
---



**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	274,087	274,087	274,087	1	Actual Cost Forecast according to Job Site Estimate incl. cost for integrated Changes	-25,761	-25,761	-25,761
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	274,087	274,087	274,087	6 =1+3+4+5	Forecast Final Costs	-245,763	-248,035	-25,1761

	Costs	best case	likely case	worst case
Forecast Final Result ( <b>best case</b> ) (Revenue Best Case + Forecast Cost all cases)	Revenue Costs Result	274,087 -245,763 28,324		
% Gross Margin based on Revenue Best Case	Revenue: 274,087	10.33%		
Forecast Final Result ( <b>most likely case</b> ) (Revenue most likely case + Forecast Costs all cases)	Revenue Costs Result		274,087 -248,035 26,052	
% Gross Margin based on Revenue Likely Case	Revenue: 274,087		9.50%	
Forecast Final Result ( <b>worst case</b> ) (Revenue worst case + Forecast Costs all cases)	Revenue Costs Result			274,087 -251,761 22,326
% Gross Margin based on Revenue Worst Case	Revenue: 274,087			8.15%
Gross Margin previous month ( <b>most likely case</b> )		10.37%	9.45%	8.02%

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



**2.01 Cost Reconciliation Sheet**

**see following pages**



Project: GB-2006-1001JE49 Edinburgh Tram Network 2012-07  
Reporting Month: 51. Report Period, 31/07/2012

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 IQxDJC-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 AQQty. 15	Budget Agreed VO's AQQty. 1	Budget unappr. VO's AQQty. 17	Budget Total AQQty. 18=15+16+17	Revised DJCt AQQty. 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	820,325	553,334	1,373,659	1,344,626	0	-29,033	1,344,626	-29,033	268,966	268,770	-196	9,613,037	9,613,037	-891,099	0	8,721,946	8,721,946	15.42%	7,377,320	8,750,979	-29,033	-188,281
25.1.201.13	Princes Street (outstanding ...)	999,445	664,726	1,664,171	1,683,796	0	19,625	1,683,796	19,625	205,209	156,715	-48,494	1,160,259	1,160,259	523,531	0	1,683,796	1,683,796	100.00%	0	1,664,171	19,625	19,625
25.1.201.14	SECTION 1D	2,734,102	-150,563	2,583,539	2,573,430	0	-10,109	2,573,430	-10,109	355,359	355,347	-12	10,022,227	10,022,227	634,371	0	10,656,598	10,656,598	24.15%	8,083,168	10,666,707	-10,109	-41,859
25.1.201.15	SECTION 1CD - SITE WIDE	2,303,263	508,722	2,811,985	2,859,160	0	47,175	2,859,160	47,175	323,396	390,868	67,472	5,916,403	5,916,403	194,651	0	6,111,054	6,111,054	46.79%	3,251,894	6,063,879	47,175	100,823
1.1	CONSTRUCTION ON-STREET rev ...	6,857,135	1,576,219	8,433,354	8,461,012	0	27,658	8,461,012	27,658	1,152,930	1,171,700	18,770	26,711,926	26,711,926	461,468	0	27,173,394	27,173,394	31.14%	18,712,381	27,145,736	27,658	-109,693
25.1.201.31	Section 1A	3,371,353	-3,973	3,367,380	3,371,353	0	3,973	3,371,353	3,973	-3,973	0	3,973	5,592,262	5,592,262	-2,220,909	0	3,371,353	3,371,353	100.00%	0	3,367,380	3,973	3,973
25.1.201.40	Section 1 B	566,937	-795	566,142	588,685	0	22,543	588,685	22,543	-795	0	795	588,685	588,685	0	0	588,685	588,685	100.00%	0	566,142	22,543	22,543
25.1.201.45	Section 1CD	3,175,815	158,794	3,334,609	3,364,108	0	29,499	3,364,108	29,499	46,048	43,061	-2,986	3,810,714	3,810,714	0	0	3,810,714	3,810,714	88.28%	446,606	3,781,215	29,499	33,415
25.1.201.96	PSSA - PRINCES STREET SUPPLE...	12,083,223	0	12,083,223	12,083,225	0	2	12,083,223	2	0	0	0	12,083,225	12,083,225	0	0	12,083,225	12,083,223	100.00%	0	12,083,223	2	2
1.2	CONSTRUCTION ON-STREET origi...	19,197,328	154,026	19,351,354	19,407,371	0	56,017	19,407,369	56,015	41,280	43,062	1,782	22,074,886	22,074,886	-2,220,909	0	19,853,971	19,853,975	97.75%	446,606	19,797,960	56,017	59,933
25.1.201.54	SECTION 5ABC- Trackworks	8,716,099	1,243,714	9,959,813	9,991,005	0	31,192	9,991,005	31,192	795,282	748,419	-46,863	18,185,633	18,185,633	-148,678	0	18,036,955	18,036,955	55.39%	8,045,950	18,005,761	31,192	56,319
25.1.201.58	SECTION 5ABC- Structures	30,536,044	775,621	31,311,671	31,324,322	0	12,651	31,324,322	12,651	1,089,636	1,099,826	10,190	40,222,415	40,222,415	116,945	0	40,339,360	40,339,360	77.65%	9,015,038	40,326,709	12,651	16,292
25.1.201.61	SECTION 2	14,813,104	2,839,334	17,652,438	17,682,823	0	30,385	17,682,823	30,385	1,069,671	1,088,541	18,870	25,898,810	25,898,810	-164,111	0	25,734,699	25,734,699	68.71%	8,051,876	25,704,314	30,385	44,222
25.1.201.62	SECTION 7	13,539,110	2,516,257	16,055,367	16,069,591	0	14,224	16,069,591	14,224	503,706	503,705	-1	16,955,851	16,955,851	409,055	0	17,364,906	17,151,270	93.69%	1,081,679	17,137,046	227,860	15,182
25.1.201.63	SECTION 6	17,197,752	613,925	17,811,677	17,668,819	0	-142,858	17,664,241	-147,436	3,554	128,831	125,27	17,539,988	17,539,988	128,831	0	17,668,819	17,664,241	100.00%	0	17,811,677	-142,858	-142,858
1.3	CONSTRUCTION OFF-STREET	84,802,109	7,988,857	92,790,966	92,736,560	0	-54,406	92,731,982	-58,981	3,461,849	3,569,322	107,473	118,802,697	118,802,697	342,041	0	119,144,739	118,926,525	77.97%	26,194,541	118,985,509	159,230	-10,848
25.1.201.21	TTM	3,124,626	122,695	3,247,321	3,333,423	0	86,102	3,309,522	62,201	13,146	0	-13,146	4,258,521	4,258,521	138,696	0	4,397,211	4,397,217	75.26%	1,087,695	4,335,016	62,201	114,406
25.1.201.25	Advanced Maintenance	9,401	2,593	11,994	11,292	0	-702	11,292	-702	2,797	11,292	8,495	0	0	100,000	0	100,000	100,000	11.29%	88,708	100,700	-702	-6,218
1.4	SECTION/VIDE	3,134,027	125,288	3,259,315	3,344,715	0	85,400	3,320,814	61,499	15,943	11,292	-4,651	4,258,521	4,258,521	238,696	0	4,497,211	4,497,217	73.84%	1,176,401	4,435,718	61,499	108,188
	DIRECT JOB COSTS	113,990,599	9,844,390	123,834,989	123,949,658	0	114,669	123,921,177	86,188	4,672,002	4,795,376	123,374	171,848,030	171,848,030	-1,178,703	0	170,669,321	170,451,111	72.70%	46,529,934	170,364,923	304,404	47,580
25.1.201.42	HAYMARKET OFFICE	500,495	-18,061	482,434	541,519	0	59,085	541,519	59,085	11,232	11,746	514	1,030,622	1,030,622	30,121	0	1,060,744	1,060,744	51.05%	519,225	1,001,659	59,085	115,739
25.1.201.53	EDINBURGH PARK STORAGE	1,388,437	14,626	1,403,063	1,457,818	0	54,755	1,457,818	54,755	12,250	8,240	-4,010	1,716,758	1,716,758	0	0	1,716,758	1,716,758	84.92%	258,940	1,662,003	54,755	64,478
25.1.201.64	CONSORTIUM OFFICE	3,794,422	31,871	3,826,293	3,853,975	0	27,682	3,853,975	27,682	70,607	52,419	-18,188	6,304,886	6,304,886	656,106	0	6,960,992	6,907,532	55.79%	3,053,551	6,879,850	81,142	49,618
25.1.201.65	STAFF	21,084,722	102,916	21,187,638	21,229,103	0	41,465	21,229,103	41,465	352,582	369,243	16,661	33,262,345	33,262,345	1,034,311	0	34,296,656	33,886,670	62.65%	12,657,561	33,845,205	451,451	66,185
25.1.201.66	DESIGN	12,264,905	599,172	12,864,077	12,875,478	0	11,401	12,869,288	5,211	148,000	130,000	-18,000	14,780,459	14,780,459	1,051,214	0	15,831,673	15,825,557	81.32%	2,956,269	15,820,346	11,327	14,020
25.1.201.67	FINANCE	701,469	62,194	763,663	812,800	0	49,137	812,800	49,137	25,827	-1,344	-27,171	10,683,311	10,683,311	210,781	0	10,894,092	10,641,678	7.64%	9,828,878	10,592,541	301,551	49,137
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	4,006,164	3,553	4,009,717	4,058,134	0	48,417	4,058,134	48,417	36,904	13,004	-23,900	6,699,594	6,699,594	229,695	0	6,929,289	6,872,482	59.05%	2,814,348	6,824,065	105,224	81,993
	INDIRECT JOB COST	44,284,389	796,271	45,080,660	45,372,602	0	291,944	45,366,412	285,751	657,402	583,308	-74,094	75,021,750	75,021,750	3,212,229	0	78,233,979	77,455,196	58.57%	32,088,784	77,169,444	1,064,535	441,171
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
	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>158,274,988</b>	<b>10,640,661</b>	<b>168,915,649</b>	<b>169,322,260</b>	<b>0</b>	<b>406,611</b>	<b>169,287,589</b>	<b>371,940</b>	<b>5,329,404</b>	<b>5,378,684</b>	<b>49,280</b>	<b>251,909,780</b>	<b>251,909,780</b>	<b>2,033,526</b>	<b>0</b>	<b>253,943,306</b>	<b>251,761,087</b>	<b>67.24%</b>	<b>82,473,498</b>	<b>251,389,147</b>	<b>2,554,159</b>	<b>488,752</b>
<b>without Allocation</b>											<b>-21,527</b>	<b>-21,527</b>											

Project: GB-2006-1001JE49 Edinburgh Tram Network 2012-07  
Reporting Month: 51. Report Period, 31/07/2012

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>		158,274,986	10,640,661	168,915,647	169,322,26		406,615	169,287,590	371,943	5,329,405	5,357,157	27,752	251,909,780	251,909,780	2,033,528		253,943,308	251,761,088	67.2 %	82,473,498	251,389,145	2,554,163	605,082	
<b>Prime Cost Sums 0 / 0</b>																								
<b>Total Cost without Prime Cost Sums</b>		158,274,986	10,640,661	168,915,647	169,322,26		406,615	169,287,590	371,943				251,909,780	251,909,780	2,033,528		253,943,308	251,761,088		82,473,498	251,389,145			

REMEASURED CONTRACT:

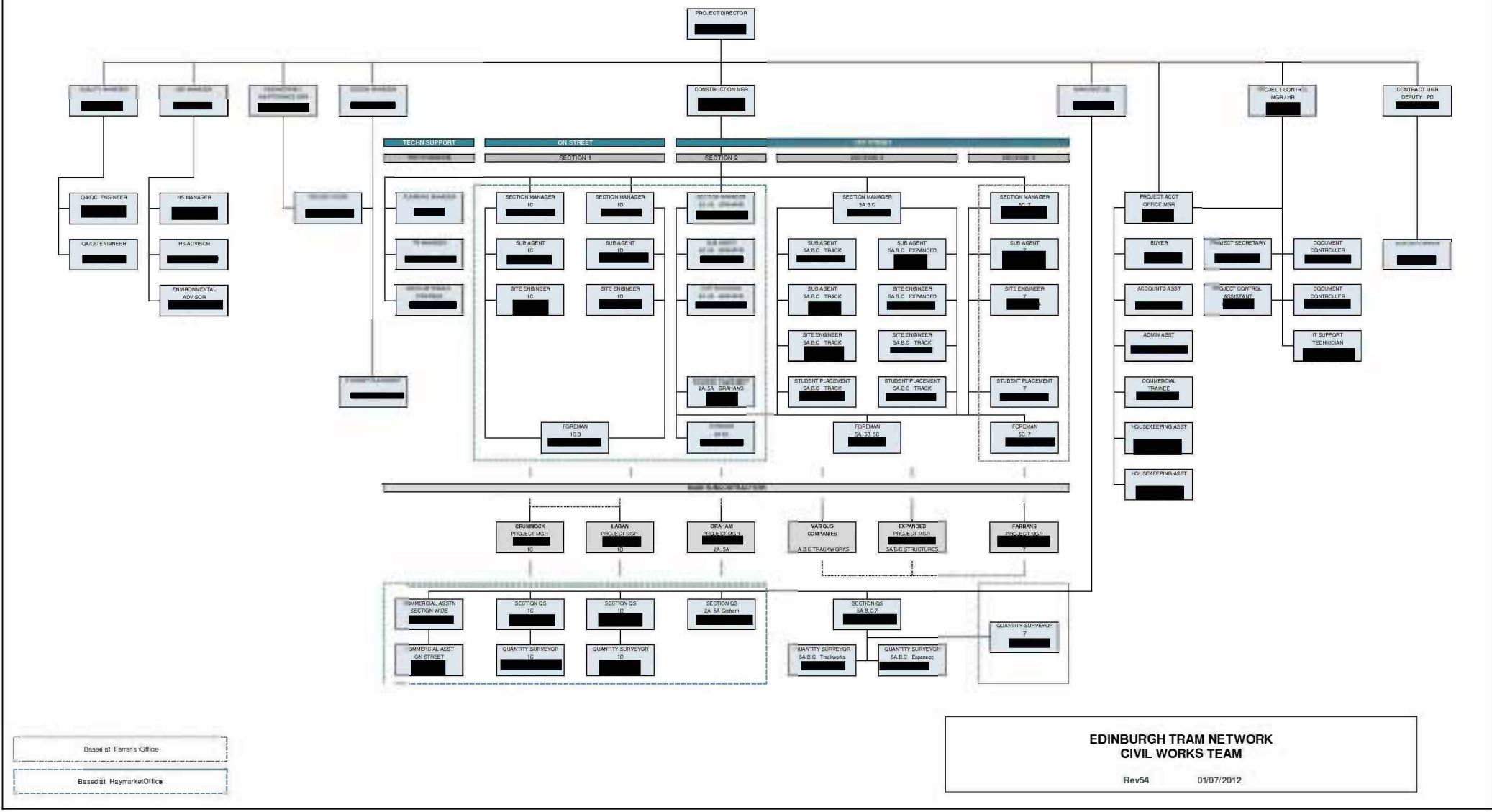
Gross Margin original Contract and agreed VO's (PF = 1.0887, PFB = 1.0793)

<b>Total Cost without Prime Cost Sums</b>		168,915,647	169,322,26		169,287,590			251,909,780	251,909,780	2,033,528		253,943,308	251,761,088		251,389,145
Gross Margin			13,427,255		15,015,809			19,632,511	19,632,511	510,957,00		20,143,468	22,325,688		22,697,631
Gross Margin in % of Performance			7.35 %		8.15 %			7.23 %	7.23 %	20.08 %		7.35 %	8.15 %		8.28 %
<b>Performance without Prime Cost Sums</b>			182,749,51		184,303,39			271,542,291	271,542,291	2,544,485		274,086,776	274,086,776		274,086,776
<b>Actual Cost to date</b>			168,915,647		168,915,647										
Gross Margin to date			13,833,870		15,387,752										
Gross Margin to date in % of Performance			7.57 %		8.35 %										
<b>Performance Prime Cost Sums</b>															
Total Performance			182,749,517		184,303,399			271,542,291	271,542,291	2,544,485		274,086,776	274,086,776		274,086,776
Revenue according WBS															

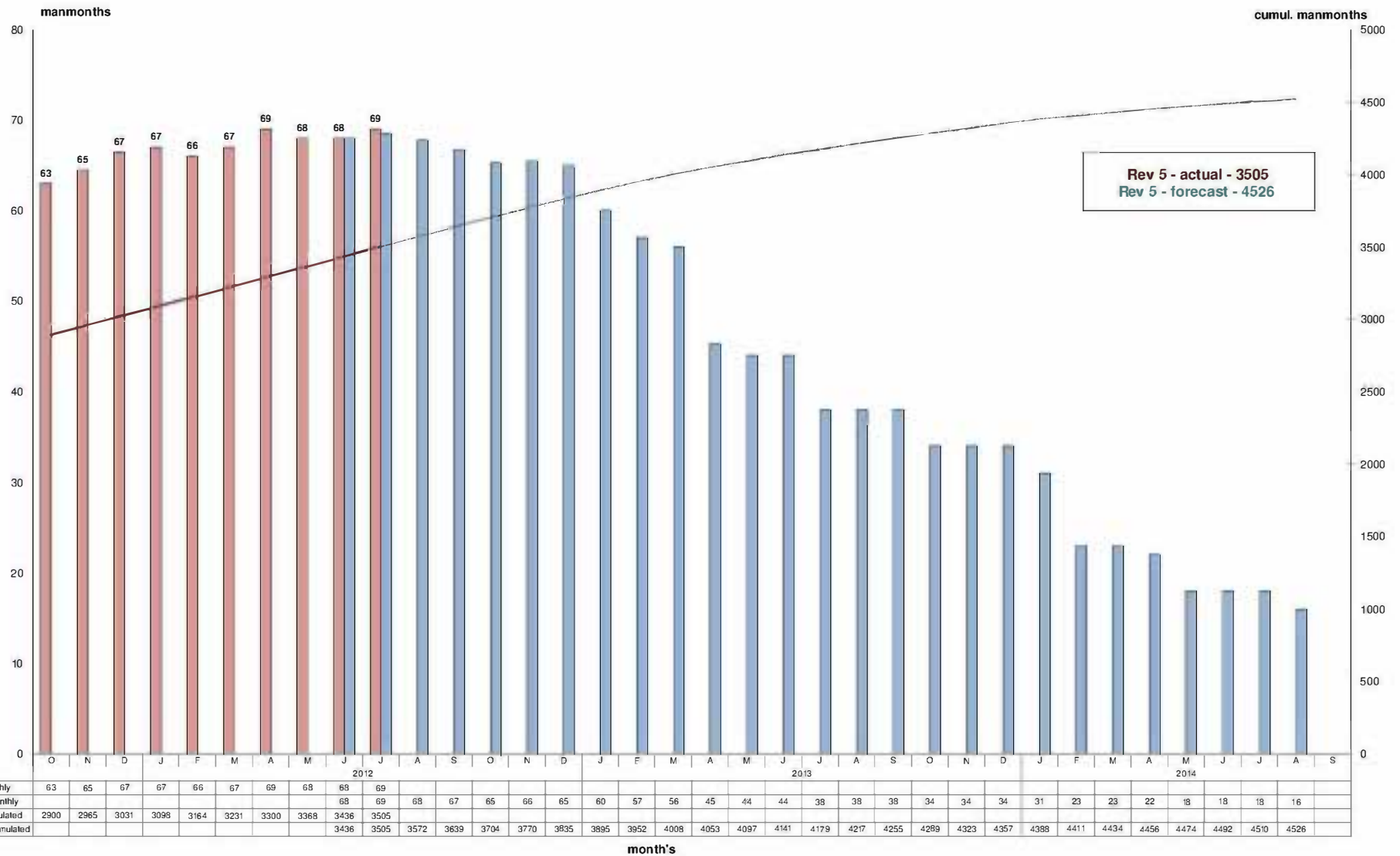
Gross Margin (weighted) original Contract, agreed and valued VO's (PF = 1.0887, PFB = 1.0793)

<b>Total Cost without Prime Cost Sums</b>			169,322,26		169,287,590			251,909,780	251,909,780	2,033,528		253,943,308	251,761,088		251,389,145
Gross Margin			13,427,255		15,015,809			19,632,511	19,632,511	510,957,00		20,143,468	22,325,688		22,697,631
Gross Margin in % of Performance			7.35 %		8.15 %			7.23 %	7.23 %	20.08 %		7.35 %	8.15 %		8.28 %
<b>valued Performance without Prime Cost Sums</b>			182,749,517		184,303,399			271,542,291	271,542,291	2,544,485		274,086,776	274,086,776		274,086,776
<b>Actual Cost to date</b>			168,915,64		168,915,64										
Gross Margin to date			13,833,870.00		15,387,752										
Gross Margin to date in % of Performance			7.57 %		8.35 %										
<b>Performance Prime Cost Sums (incl. valued performance)</b>															
Total Performance (incl. valued performance)			182,749,517		184,303,399			271,542,291	271,542,291	2,544,485		274,086,776	274,086,776		274,086,776
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**

PRC	CNC	COO	EST	Design	EST	2012/12	2013/03	Section / Activity	Description	Date Issued	52	Job Estimate Budgets							
												Revenue	COO	Design	Construction	OH	Margin	Margin in %	Remarks
1	501	502						1A 66	Additional Cycle Path at Lindsay Road - Hawthornvale	26/10/2011		20,021.00		14,641.00		3,359.91	1,820.09	9.09%	
2	502	506						1A 66	New Footpath at Ocean Drive	26/10/2011		10,231.00		7,584.00		1,716.91	930.09	9.09%	
3	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%	
4	504	506						1C 66	Inclusion of Monharm 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%	
5	505	513						1C 66.12	Incorporating New run time model based on York Place Terminal Agreement	29/11/2011		226,652.80		169,498.00		36,368.18	20,786.62	9.09%	
6	506	503A						1C 66	Princes St - new cycle way from The Mound into Princes Street	26/10/2011 30/01/2012		11,105.64		6,996.00		3,100.04	1,009.60	9.09%	
7	507	504A						1C 66	St Andrew Square Public Realm Design finalisation (will follow on from item 15 above)	15/12/2011		133,075.48		96,648.00		22,329.71	12,097.77	9.09%	
8	509	519						OH 66	Calhedral Lane Substation - change to Handerson Global Design	15/12/2011		233,595.67		173,162.10		39,197.60	21,235.97	9.09%	
9	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 storm water connection from Gogar Lodge to landowners new septic tank. CVI Ref 0ARRS/015	22/11/2011		5,750.46		3,440.00	6,494.00	938.29	522.77	9.09%	
12	512	505A						1A 66	Incorporate AECOM design for Ocean Terminal Bypass Road	26/02/2012		53,665.15		39,796.26		9,008.43	4,860.47	9.09%	
13	508	507						7A 66	New Road Safety Audit to achieve AAA/EAL approval	26/10/2011		10,025.00		7,432.00		1,681.64	911.38	9.09%	
14	531, 534C	532, 559A						OH 56.66	Edinburgh Gateway Works, Slope Option, Design	13/03/2012		51,499.80		31,246.26	6,930.00	6,641.72	4,681.80	9.09%	
15	513	526A						SWON 66	Utility Conflict verification - design changes	20/02/2012		156,670.49		116,266.50		26,323.04	14,260.95	9.09%	
16	514	554						SWON 15	Utility mapping	29/02/2012		92,756.07			66,759.13	15,564.57	6,432.37	9.09%	
17	516	585						58	Additional watermain requirement at Depot and Mini test track	26/04/2012		51,261.72			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		2,996.00			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	3,687.20	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	16/02/2011		30,458.40		22,578.50		5,110.95	2,768.95	9.09%	
26	576	543						5C 63	Reinstatement 250mm Watermain	26/04/2012		36,767.81			27,270.43	6,173.03	3,344.35	9.09%	
27	526	516						63	Tram Delivery Temporary Works	12/12/2011		6,676.44			5,381.65	921.48	625.31	9.09%	
31	544	512						OH 64	Extension to Edinburgh Park Office to accommodate GEC/Transport Scotland	22/11/2011		159,900.00			139,043.40	6,320.24	14,536.36	9.09%	
33	546	541							N/A - Siemens only										
37	528	501							N/A - Part of Schedule 45 Changes										
38	549	510						ID 14	Move 3 No OLE's (St John's Church) to central reserve (SV200G)	22/11/2011		TBC							
39	550	514						OH 66	Move OLE's in Shandwick Place and amend Landscaping	19/12/2011		TBC							
41	534	556						SABC 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		86,953.48		65,940.31		14,926.49	6,086.66	9.09%	
46	566	535A						OH 66	On-Street design changes due to utilities conflicts	12/01/2012 01/06/2012		17,991.11		13,336.63		3,018.63	1,635.56	9.09%	
47	568	537A						OH 66	On-Street Design Changes due to trackform conflicts	18/04/12		7,732.95		5,731.91		1,297.50	702.94	9.09%	
48	553	516						OH 66	SDS to provide services of Matt Fall	03/02/2012 30/05/2012		61,526.72		51,246.00		4,667.38	5,593.34	9.09%	
49	538	517							N/A - Siemens only										
50	567	536						OH 66	On-Street drainage design changes due to utilities conflicts	30/05/2012		76,801.21		56,931.96		12,867.32	6,981.93	9.09%	

**2.08a Approved Change Orders**

PRC	TWC	COO	EST	Design	EST	2012/12	2012/12	Section / Activity	Description	Date issued	52	Job Estimate Budgets					Remarks		
												Revenue	EST	Design	Construction	OH		Margin	Margin in %
51	558	522A						OH 65	Provision of CAD Technician	03/02/2012		1,693.00			1,255.00	264.09	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	5,130.74	9.09%	
54	565	533						OH 66	Advanced design Edinburgh Gateway - Minimum Option	19/01/2012		6,000.00		4,447.74		1,006.81	545.45	9.09%	
55	564	531						SWON 15	Worksite Modelling for TMA1 Waverley Court	21/12/2011		TWC							
56	563	534						OH 66	On-Street design of circular pile caps	09/01/2012		TWC							
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	526						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		34,458.86		25,544.00		5,782.23	3,132.62	9.09%	
63	574	542A						2A 61	Haymarket Viaduct delete parts of cladding	18/07/2012		5,571.34			4,055.13	1,009.73	506.49	9.09%	
64	571A	573		✓	✓	✓		1D 66	Hope Street reinstatement	01/06/2012		1,349.00		1,000.00		226.36	122.64	9.09%	
65	577	544						2A 61	Omit construction of Haymarket Substation retaining wall and plinth	28/01/2012		TWC							
66	578	546						SWON 15	Remove site investigation allowance	03/02/2012		57,984.00			52,712.73		5,271.27	9.09%	
70	586	557						1C 66	Amended Design on St. Andrew Square	23/03/2012		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 10/05/2012		12,346.05		9,152.00		2,071.68	1,122.37	9.09%	
74	580	547							N/A - Siemens only										
75	581	548							N/A - Siemens only										
78	588	551						1D 21	Return of parking spaces Stafford Street	20/02/2012									
81	582	549			✓			5A 61	Deleted Roseburn Viaduct Trespa cladding	09/02/2012		306,004.00			280,003.64		26,000.36	9.09%	
82									N/A - Siemens only	20/12/2011									
83	589	552						62	Deletion of Airport Kiosk	29/02/2012		150,000.00			136,363.64		13,636.36	9.09%	
84	593	558A						SWON 66	Cessation of Design North of York Place (SV-208F)	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%	
86	605	561							N/A - Siemens only										
89	601	560						5C 54.66	Shelters at Gogarburn Tramstop to be 8m length	15/03/2012		TWC							
90	602	562							N/A - Siemens only										
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			54,856.26	12,417.47	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		TWC							
98	644	581							N/A - Siemens only										
106	619	575							N/A - Siemens only										
111	621	587							N/A - Siemens only	10/07/2011									
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	18/05/2012		8,372.50		6,206.45		1,404.91	761.14	9.09%	
116	624	584							N/A - Siemens only	13/07/2012									
117	622	589						SW 53	Payment for power supplies provided by CEC (Siemens Reference SV-0132b)	18/07/2012		TWC							

2.08a Approved Change Orders

PRC	TWC	COO	EST	Design	EST	2012/12	2012/12	Section / Activity	Description	Date issued	SR	Job Estimate Budgets						
												Revenue	COO	Design	Construction	OH	Margin	Margin in %
118	632	570							Depot Building Water Ingress	16/05/12		TWC						
121	663	568						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%
122	652	560							N/A - Siemens only									
124	636	571A						5C 54.66	Twin crossings at Lochside Avenue	22/05/2012 01/06/2012		TWC						
140	640	565						5B 67	Unimog - Insurance Premium	11/07/2012		TWC						
148	643	572A						5C 54	Edinburgh Gateway Works, Construction	13/06/2012 25/06/2012		TWC						
150	647A	577A						1C 66	Design on street works carriageway reconstruction	10/07/2012		1,349.00		1,000.00		226.36	122.64	9.09%
151	648	579						1CD 66	Design cabinet positions for street lighting Princes Street	19/06/2012		TWC						
155	657	562						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		TWC						
168	610	564							N/A - Siemens only	12/07/2012								
169	662	590						7A 62	Topographical Survey	11/07/2012		TWC						
170	667	594						2A 66	Call off service to respond Network Rail Technical Queries	11/07/2012		TWC						
171	668	595				✓		1C 12	York Place, De-scope of Works	12/07/2012		1,015,155.80		966,815.09		48,340.71	4.76%	
	538	520A							N/A - Siemens only									
	585	550							N/A - Siemens only									
173	666	593						5A 61	SciRail Pedestrian Access Gate	19/07/2012		TWC						
15	513	ICCO					✓	1D 14	Utility Conflict Verification	31/07/2012		17,210.11		12,757.68		2,897.67	1,564.56	9.09%
25	543	ICCO					✓	1D 14	Utilities affecting the construction of OHLE foundations in Haymarket HI	31/07/2012		250,643.57		185,799.53		42,058.26	22,785.78	9.09%
28	521	ICCO					✓	1D 14	Provide temporary accommodation and Welfare facilities	31/07/2012		1,542.96		1,143.78		258.91	140.27	9.09%
35	547	ICCO					✓	1D 14	Haymarket HI: Third Party affecting our ability to progress the works	31/07/2012		3,787.21		2,807.42		635.50	344.29	9.09%
36	548	ICCO					✓	1D 14	Haymarket HI: FT Fibre Optic Service required Diverted	31/07/2012		83,052.94		61,566.30		13,836.37	7,550.27	9.09%
37	528	ICCO					✓	1D 14	Haymarket 1 - S18 Trench Excavation to Validate Utilities	31/07/2012		6,565.45		4,866.90		1,101.69	596.86	9.09%
38	549	ICCO					✓	PSOW 13	Move 3 No OLE's (St John's Church) to central reserve	31/07/2012		35,368.70		26,218.46		5,834.91	3,215.34	9.09%
40	536	ICCO					✓	PSOW 13	Scottish Water Diversion at Junction of Princes Street and South St David Street	31/07/2012		252,965.51		187,535.59		42,451.24	22,998.66	9.09%
43	551	ICCO					✓	PSOW 13	Xmas Embargo demob. and temp. reinstatement	31/07/2012		203,510.77		150,660.47		34,149.32	18,500.98	9.09%
52		ICCO					✓	1CD 15	1CD: Early Implementation of Trm Phase 4 & 5	31/07/2012		188,354.15		139,625.02		31,606.03	17,123.10	9.09%
55		ICCO					✓	1CD 15	1CD: Work Site Mobilising for revised On Street Traffic Management arrangements	31/07/2012		9,416.02		6,980.00		1,580.02	850.00	9.09%
68		ICCO					✓	1D 14	1D: Utilities Affecting Ability To Place System Drainage	31/07/2012		114,242.30		84,886.66		19,169.98	10,385.66	9.09%
69		ICCO					✓	1D 14	1D: Geotextile Liner To Clifton Terrace Void	31/07/2012		1,760.16		1,304.79		295.36	160.01	9.09%
72		ICCO					✓	1D 14	1D: Utilities affecting the construction of OHLE foundations in Shandwick	31/07/2012		279,179.88		206,953.21		46,846.68	25,379.99	9.09%
79		ICCO					✓	1C 12	1C: St Andrew Sq: Third Party affecting our ability to progress the works	31/07/2012		50,772.97		37,637.49		8,519.76	4,615.72	9.09%
67		ICCO					✓	1C 12	1C: Utilities affecting the construction of OHLE foundations in St Andrew Sq	31/07/2012		37,550.33		27,835.68		6,300.99	3,413.67	9.09%
86		ICCO					✓	1CD 14	1CD: Residual Road Value Engineering	31/07/2012		201.08		149.06		33.74	16.28	9.09%
99		ICCO					✓	1D 14	1D: Utilities affecting the ability to progress track excavation Shandwick S1	31/07/2012		8,029.49		5,952.18		1,347.36	729.95	9.09%

**2.08a Approved Change Orders**

PRC	INC	ICD	EST	Design	EST	2012	2013	Section / Activity	Description	Date Issued	SR	Job Estimate Budgets						
												Revenue	Cost	Design	Construction	OH	Margin	Margin in %
100		ICCO						1D 14	1D: Utilities affecting the ability to progress track excavation Shandwick S2	31/07/2012		7,323.14			5,428.57	1,228.83	666.74	9.09%
101		ICCO						1D 14	1D: Third Parties affecting the ability to progress track excavation Shandwick S2	31/07/2012		7,160.91			5,308.31	1,201.61	650.99	9.09%
103		ICCO						1C 12	1C: St Andrew Square: Design, Enabling and Ongoing Maintenance of Temporary Bus Station	31/07/2012		6,793.81			5,036.18	1,140.01	617.62	9.09%
108		ICCO						1CD 13	1CD: Mound Works	31/07/2012		30,374.66			22,516.43	5,096.90	2,761.33	9.09%
109		ICCO						1CD 13	1CD: Manhole Inspections and Duct Praving	31/07/2012		11,678.10			8,656.86	1,959.60	1,061.65	9.09%
110		ICCO						1CD 13	1CD: Duct Chamber and Bedding drawing amendments	31/07/2012		9,426.15			6,967.51	1,591.72	856.92	9.09%
126		ICCO						1D 14	1D: Hand Dig to expose utilities crossing inbound duct bank within S1 at Stafford Street and Lothian Road Junction for TT to action	31/07/2012		5,853.08			4,338.83	982.15	532.10	9.09%
127		ICCO						1D 14	1D: Utilities affecting ability to install System Ducting through S2 (South Duct Bank)	31/07/2012		17,456.53			12,940.35	2,929.22	1,586.96	9.09%
126		ICCO						1D 14	1D: Remove and Reinstale with Traps IMU and Track Drainage laid by other within H1	31/07/2012		4,035.92			2,991.79	677.23	366.90	9.09%
129		ICCO						1D 14	1D: Discovery of unsuitable material below formation of base 131204A within H2	31/07/2012		4,525.67			3,354.83	759.41	411.42	9.09%
130		ICCO						1D 14	1D: Remedial works required on the partial return of H1 to Infraco on 21 may 2012	31/07/2012		517.44			363.57	86.83	47.04	9.09%
132		ICCO						1D 14	1D: Transfer plant and materials back to H2 from S4 to recommence works to OHLE bases. Site vacated for T&T.	31/07/2012		1,062.30			787.47	178.25	96.57	9.09%
133		ICCO						1D 14	1D: Excavate Trial Holes in locations of tree pits through Shandwick S4 behind the existing stone wall to establish foundation depth.	31/07/2012		3,299.24			2,445.69	553.62	299.93	9.09%
135		ICCO						1D 14	1D: Remove and Reinstale with Traps IMU and Track Drainage laid by other within S1 (East End) and S2	31/07/2012		8,816.62			6,535.82	1,479.47	801.53	9.09%
137		ICCO						1C 12	1C: Remove existing pedestrian crossing at junction of St Andrews Square and Princes Street	31/07/2012		2,638.85			1,956.15	442.60	239.90	9.09%
144		ICCO						1C 12	1C: York Place Closure: Design, Enabling and Ongoing Maintenance	31/07/2012		4,395.89			3,258.63	737.64	399.63	9.09%
145		ICCO						PSOW 13	PSOW: Outstanding Works to Princes Street	31/07/2012		133,023.50			98,608.97	22,321.49	12,093.05	9.09%
157		ICCO						1D 14	1D: Widening of track excavations due to installation of floating track slab in H3 Outbound	31/07/2012		2,910.49			2,157.52	488.38	264.59	9.09%
158		ICCO						1D 14	1D: Remedial works to reinstatement of the formation level and collapsed ducts in handed back areas (SP1 & SP3)	31/07/2012		4,323.26			3,204.79	725.45	393.02	9.09%
159		ICCO						1D 14	1D: Works required to deal with existing services within Comms and Traction duct trenches within H1, H2 & H3	31/07/2012		17,076.37			12,658.54	2,865.43	1,552.40	9.09%
160		ICCO						1D 14	1D: Utilities affecting the working space to all OHLE bases within H2 impacting on formwork and reinforcement	31/07/2012		4,170.72			3,091.71	699.85	379.16	9.09%
161		ICCO						PSOW 13	PSOW - Remedial works to Traffic Signal works	31/07/2012		3,058.45			2,267.20	513.21	278.04	9.09%
162		ICCO						PSOW 13	PSOW: Watermain Ducting (previously TBA4)	31/07/2012		13,490.00			10,000.00	2,263.64	1,226.36	9.09%
163		ICCO						PSOW 13	PSOW: Additional OLE Remedials (previously TBA3)	31/07/2012		3,322.45			2,462.90	557.51	302.04	9.09%
164		ICCO						PSOW 13	PSOW - Traffic signal ducting works - drawing change	31/07/2012		2,814.23			2,086.16	472.23	255.84	9.09%
165		ICCO						PSOW 13	PSOW: Tram Stop Additional Works (previously TBA2)	31/07/2012		6,747.91			5,002.16	1,132.31	613.45	9.09%
166		ICCO						PSOW 13	PSOW: Water Valve (previously TBA1)	31/07/2012		451.11			334.40	75.70	41.01	9.09%
167		ICCO						1D 14	1D: Additional TM requirements at Canning Street / Shandwick Place Junction as CEC instruction	31/07/2012		1,019.28			755.58	171.04	92.66	9.09%
<b>TOTALS</b>												<b>2,544,484.71</b>	<b>2,356,942.15</b>	<b>1,051,214.44</b>	<b>1,957,516.83</b>	<b>582,887.77</b>	<b>510,957.19</b>	<b>20.08%</b>

2,033,527.52



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				ID	City Chamber - Annandale Street Communication Links. Usage of CEC available T Lines to avoid provision of direct FG link from Princes Street to the City Chambers. (Siemens Reference SV-0023d)	12/01/2012	4,536	2,948	2,041	4,536	+	
61	573 A				2A	Redesign of Roseburn Delta to minimise works in Section 3A	19/01/2012						
93					2A	Network Rail Fence within Tramworks LoD in Section 2A (Siemens Reference SV-0196M)	04/04/2012						
94	607				SW ON	Delete Requirements at all Tramstops for 110v socket for cleaning purposes (On Street)	02/04/2012						
95	608				SW OFF	Delete Requirements at all Tramstops for 110v socket for cleaning purposes (Off Street)	02/04/2012						
102	612 A				SW	Tramstop, Branding Changes - On-Street	26/04/2012						
103	613				IC	Design of temp bus station at St Andrews Sq / Waterloo Place (Siemens Reference SV-0213)	26/04/2012						
105	617 A				SW	Tram Stops, Branding Changes - Off-Street	26/04/2012						
113	625				ID	SDS to provide full time attendance for 4Wes at Cathedral Lane	10/05/2012						
119	627				ID	Omit pedestrian guardrail at St John's Church - DESIGN	16/05/2012						
120	623					Damage Repairs	16/05/2012	1,867	1,214	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						
146					2A	Space and access constraints to the installation, Testing, commissioning and Maintenance of Haymarket Substation due to the Network Rail development of Haymarket Railway Station (Siemens reference SV-0211)	03/07/2012						
152	650				ID	Remove Footway blister at South Charlotte Street - Construction. (Siemens reference SV-0218)	19/06/2012						
153	651				SW OFF	Defer installation of Tramstop shelter and F# Out. (Siemens reference SV-0219)	22/06/2012						
154	656				SW ON	Defer installation of Tramstop shelter and F# Out. (Siemens reference SV-0219)	22/06/2012						
<b>TOTALS</b>								<b>6,403</b>	<b>4,162</b>	<b>2,881</b>	<b>6,403</b>		

submitted	under preparation
maximum potential of changes	
<b>6,403</b>	

Project: **Edinburgh Tram Network**

as per: **31/07/2012**



**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				
33 Jan-11	MONTH	1,573,155	1,456,051	1,790,807	334,755	0	0	0	1,790,807	11/01/2011	12/01/2011	673,476	
	ACCUM.	102,441,471	117,844,805	102,515,726	-15,329,080				102,515,726			92,436,444	
34 Feb-11	MONTH	814,998	0	0	0	0	0	0	0	04/02/2011	08/02/2011	201,298	
	ACCUM.	103,256,469	117,844,805	102,515,726	-15,329,080				102,515,726			92,637,742	
35 Mar-11	MONTH	787,699	0	488,026	488,026	0	0	0	488,026	31/03/2011	31/03/2011	1,186,701	
	ACCUM.	104,044,168	117,844,805	103,003,752	-14,841,054				103,003,752			93,824,442	
36 Apr-11	MONTH	1,424,278	9,057,032	7,500,000	-1,557,032	0	0	0	7,500,000	03/05/2011	03/05/2011	0	
	ACCUM.	105,468,446	126,901,837	110,503,752	-16,398,086				110,503,752	17/05/2011	18/05/2011	93,824,442	
37 May-11	MONTH	1,573,974	0	10,803,679	10,803,679	0	0	0	10,803,679	11/05/2011	12/05/2011	18,006,734	
	ACCUM.	107,042,420	126,901,837	121,307,430	-5,594,407				121,307,430	27/05/2011	27/05/2011	111,831,176	
38 Jun-11	MONTH	2,055,995	0	2,700,000	2,700,000	0	0	0	2,700,000	29/06/2011	29/06/2011	2,700,000	
	ACCUM.	109,098,415	126,901,837	124,007,430	-2,894,407				124,007,430			114,531,176	
39 Jul-11	MONTH	1,936,564	2,020,522	4,914,929	2,894,407	0	0	0	4,914,929	27/07/2011	27/07/2011	2,746,134	
	ACCUM.	111,034,979	128,922,359	128,922,359	0				128,922,359			117,277,310	
40 Aug-11	MONTH	1,355,250	0	0	0	0	0	0	0	24/08/2011	25/08/2011	2,168,795	
	ACCUM.	112,390,229	128,922,359	128,922,359	0				128,922,359			119,446,105	
41 Sep-11	MONTH	7,191,932	-7,299,362	-7,299,362	0	0	0	0	-7,299,362	21/09/2011	20/09/2011	2,176,892	
	ACCUM.	119,582,161	121,622,997	121,622,997	0				121,622,997			121,622,997	
42 Oct-11	MONTH	4,826,650	3,791,663	3,791,663	0	0	0	0	3,791,663	19/10/2011	19/10/2011	3,791,663	
	ACCUM.	124,408,811	125,414,660	125,414,660	0				125,414,660			125,414,660	
43 Nov-11	MONTH	5,712,368	5,655,483	5,415,200	-240,283	0	0	0	5,415,200	16/11/2011	16/11/2011	5,415,200	
	ACCUM.	130,121,179	131,070,143	130,829,860	-240,283				130,829,860			130,829,860	
44 Dec-11	MONTH	5,866,562	9,391,731	9,268,242	-123,489	0	0	0	9,268,242	14/12/2011	14/12/2011	9,268,242	
	ACCUM.	135,987,741	140,461,873	140,098,102	-363,772				140,098,102			140,098,102	
45 Jan-12	MONTH	5,817,390	8,367,001	8,377,620	10,619	0	0	0	8,377,620	11/01/2012	11/01/2012	8,377,620	
	ACCUM.	141,805,131	148,828,874	148,475,722	-353,153				148,475,722			148,475,722	
46 Feb-12	MONTH	6,517,767	18,534,058	18,725,058	191,000	0	0	0	18,725,058	08/02/2012	08/02/2012	8,542,616	
	ACCUM.	148,322,898	167,362,933	167,200,780	-162,153				167,200,780			157,018,338	
47 Mar-12	MONTH	7,419,040	9,284,501	9,553,209	268,707	0	0	0	9,553,209	07/03/2012	07/03/2012	10,182,463	
	ACCUM.	155,741,938	176,647,434	176,753,989	106,555				176,753,989			167,200,801	
48 Apr-12	MONTH	7,646,215	8,211,478	7,408,088	-803,390	0	0	0	7,408,088	04/04/2012	04/04/2012	9,553,187	
	ACCUM.	163,388,153	184,858,912	184,162,077	-696,836				184,162,077			176,753,988	
49 May-12	MONTH	7,265,678	9,233,301	9,622,713	389,412	0	0	0	9,622,713	30/05/2012	30/05/2012	17,030,802	
	ACCUM.	170,653,831	194,092,213	193,784,790	-307,424				193,784,790			193,784,790	
50 Jun-12	MONTH	7,719,717	8,041,083	8,194,310	153,228	0	0	0	8,194,310	27/06/2012	27/06/2012	8,194,310	
	ACCUM.	178,373,548	202,133,296	201,979,100	-154,196				201,979,100			201,979,100	
51 Jul-12	MONTH	5,929,851	9,825,417	8,193,108	-1,632,309	0	0	0	8,193,108	25/07/2012	25/07/2012	8,193,108	
	ACCUM.	184,303,399	211,958,713	210,172,208	-1,786,505				210,172,208			210,172,208	
												<b>210,172,208</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	3	60%	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 12/10 P75	20/07/2012	0	0	N/A	1 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				Awaiting report from T&T

### 2. Inspection and Testing

Section	ITPs				Non-Audit NCRs				
	Planned	In-Production	Completed	% Comp'd	Raised		Closed out		
					Total	Month	Total	Month	%
<b>1A</b>	66	0	6	9%	9	-	8	-	89%
<b>1B</b>	-	-	-	-	-	-	-	-	-
<b>1C,1C/D</b> St A Sq, Princes St	41	11	28	68%	26	2	22	0	85%
<b>1D</b>	46	8	37	80%	8	1	5	0	63%
<b>2</b>	31	23	19	61%	104	10	79	6	76%
<b>5A</b>	59	31	24	41%	25	3	18	2	72%
<b>5B</b>	86	26	49	57%	57	0	24	6	42%
<b>5C</b>	49	17	32	65%	40	6	27	3	68%
<b>6</b>	36	0	36	100%	125	0	124	0	99%
<b>7</b>	69	13	58	84%	44	5	32	0	73%
<b>System NCRs (non-audit)</b>					438	27	339	17	77%
<b>Cancelled</b>					15	1	15	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. 2 no internal procedural audits were carried out in the period. Updating of Inspection and Test Plans has continued with 1 number ITP being submitted to CEC for review in the period.

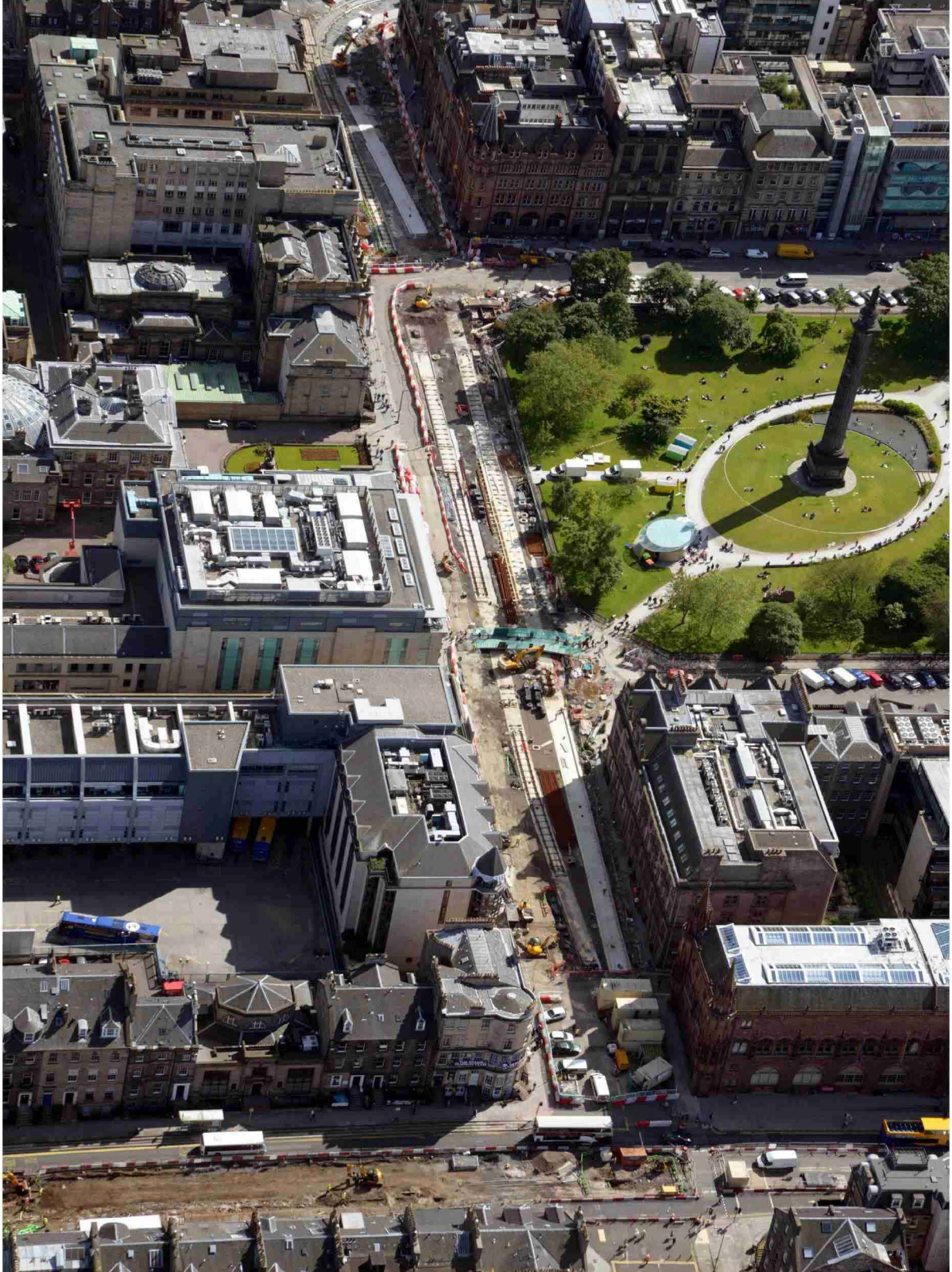


**2.13 Project Photographs**

**Picture 01**

**Section 1C**

**Princes Street / St. Andrew Square / York Place**



2.13 Project Photographs

Picture 02

Section 1C

Junction Princes Street / St. Andrew Square



Picture 03

Section 1D

Shandwick Place



2.13 Project Photographs

Picture 04

Section 1D

Shandwick Place



2.13 Project Photographs

Picture 05

Section 1D

Haymarket



Picture 06

Section 1D

Haymarket





**2.13 Project Photographs**

**Picture 07**

**Section 2A**

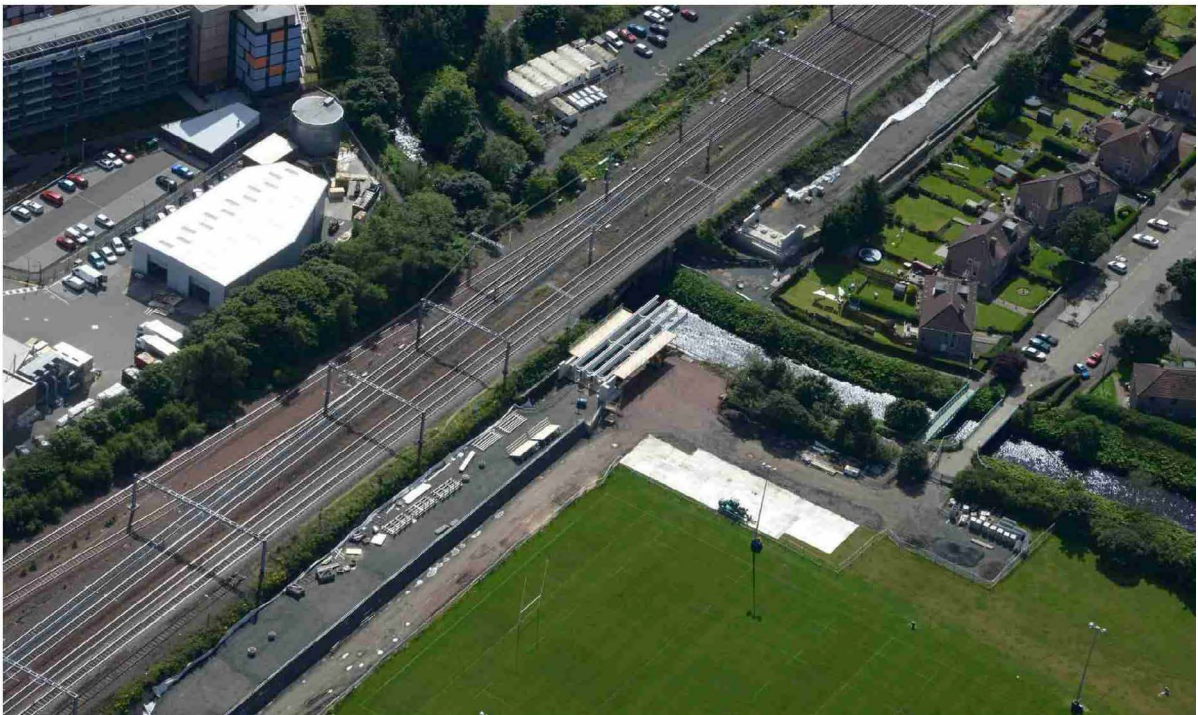
**Russell Road Bridge**



**Picture 08**

**Section 5A**

**Water of Leith Bridge**



2.13 Project Photographs

Picture 09

Section 5A

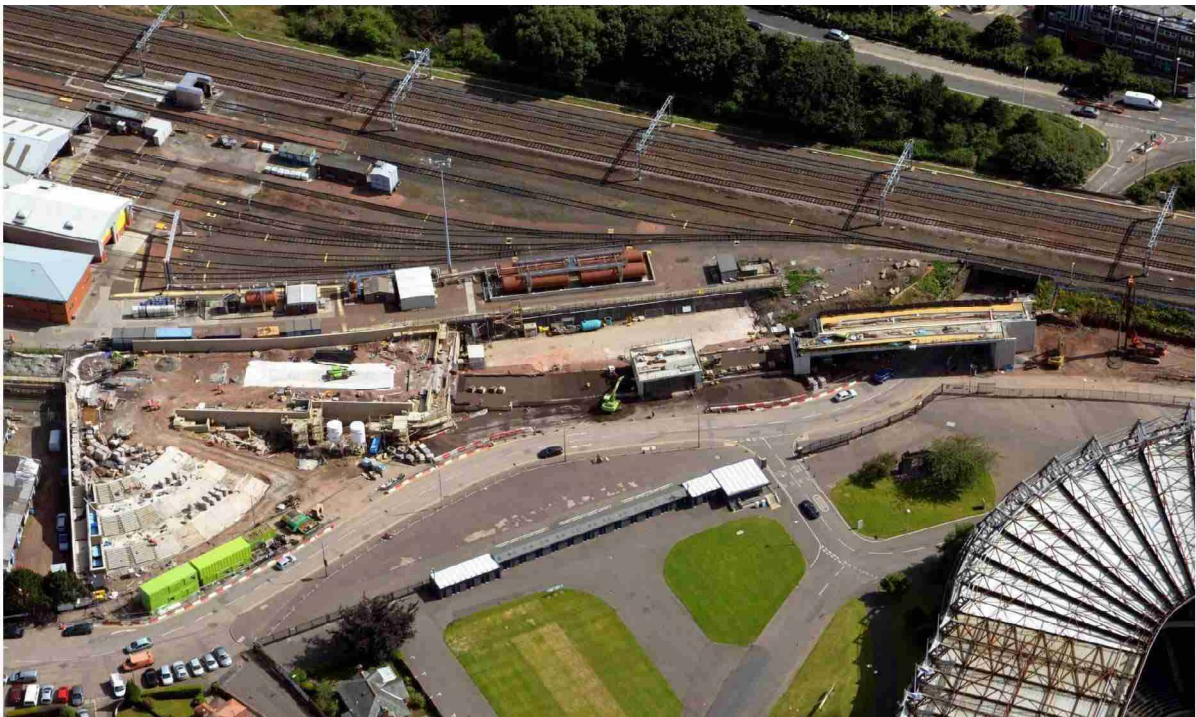
Murrayfield Stadium Tramstop &



Picture 10

Section 5A

Roseburn Viaduct



2.13 Project Photographs

**Picture 11**

**Section 5A**

**Balgreen Road Bridge**



**Picture 12**

**Section 5B**

**Track Carrick Knowe - Balgreen**



2.13 Project Photographs

Picture 13

Section 5B

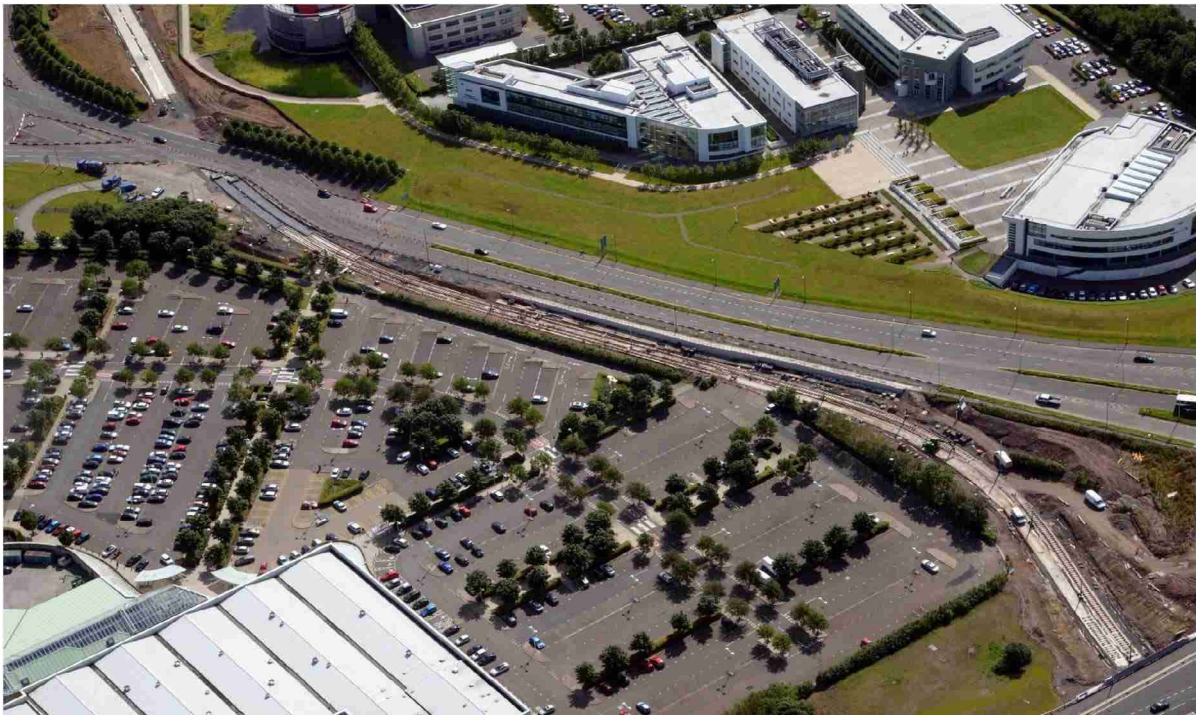
Track Edinburgh Park - South Gyle



Picture 14

Section 5B

Track South Gyle Broadway



2.13 Project Photographs

Picture 15

Section 5C

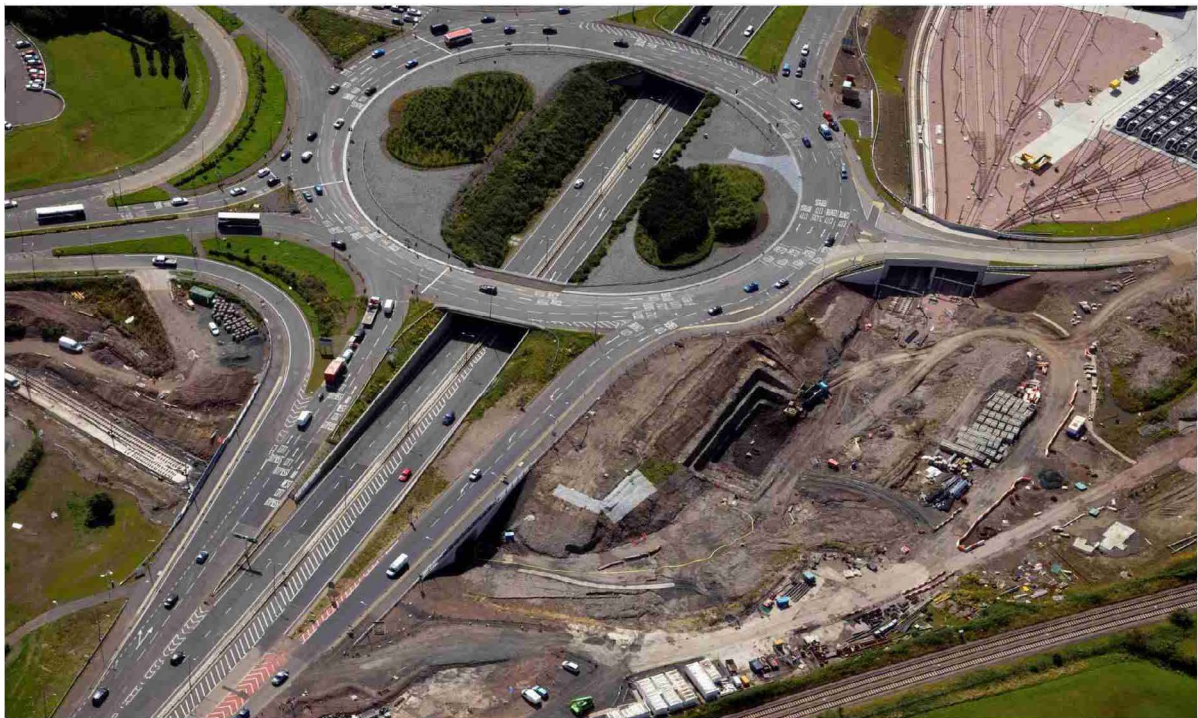
Track below A8 Underpass



Picture 16

Section 5C

A8 Underpass / Glasgow Road Roundabout



2.13 Project Photographs

Picture 17

Section 7

Track Gogar - Inqliston



Picture 18

Section 7

Track Gogar - Inqliston



### 3.01 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>