

## **EDINBURGH TRAM NETWORK**

**Monthly Project Report**  
**December 2009**



## Monthly Report Major Projects

**Project:** Edinburgh Tram Network

**Reporting Period:** December 2009

### TABLE OF CONTENTS

1. **Executive Summary**
- 1.01 Project Overview Charts
- 1.02 Short Note on Overview Charts
- 1.03 General Information
- 1.05 Weighted Result with Chances and Risks

VST, GF, BL, PM, CCS  
BL, PM, CCS

### 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 Sub Contracts n/a
- 2.11 Monthly Report on Quality Management
- 2.12 Safety Information System - SIS
- 2.13 Project Photographs

TBA

### 3. Attachments

- 3.01 Overview Movements of Contingencies
- 3.02 Design - Drawing Status

## 1.01 Project Overview Charts



	<p><b>Project: Edinburgh Tram Network</b> as per: <b>31/12/2009</b></p>	
<b>1.02 Short note on Overview Charts</b>		
<b>1.2.1</b>	<b>Performance</b>	
	<p>The current policy on site is still to limit work to elements which are unaffected by change or which are the subject of acceptable instructions from the client, such that in either case payment is secure.</p> <p>Works at Edinburgh Park Bridge, Depot and Gogarburn Bridge were performed on this basis limited. Instructed construction parts (Clause 80.15) at Carrick Knowe Bridge and Russell Road Retaining Wall are ongoing on demonstrable cost basis during dispute resolution in accordance with the contract.</p>	
<b>1.2.2</b>	<b>Project Cost</b>	
	<p>The main cost overrun is due to cost and resource increases mainly caused by:</p> <ul style="list-style-type: none"> <li>- subcontracts (standby claims, additional works)</li> <li>- extension of time (staff, financial, running site)</li> <li>- consultants and design works</li> <li>- insurances and bonds</li> <li>- cost for legal fees</li> </ul> <p>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.</p>	
<b>1.2.3</b>	<b>Project Result (Forecast)</b>	
	<p>The margin per December adds up to a cumulative result of 58,456 GBP (0.12%).</p> <p>The forecast shows a result of 0.54% caused by the fluent situation of the project, i.e. no agreement on over 300 changes, time extension and fundamental contractual disagreements, i.e. Value Engineering, Provisional Sums. Under the current circumstances and expecting additional revenue as shown in the R&amp;O Sheet the project will result in a weighted margin of 9.08 %.</p> <p>To secure a low risk profile the contractual team has been strengthened to facilitate a positive outcome on the legal disputes. In parallel we are still negotiating with tie on a possible Supplemental Agreement on demonstrable costs for the On Street works.</p>	
<b>1.2.4</b>	<b>Payment Status</b>	
	<p>The payments from the client tie remain in time based on the agreed invoice application before the invoice submission.</p> <p>Certified net from the client: £ 65,718,860</p>	
<b>1.2.5</b>	<b>Cashflow</b>	
	<p>The ETN project cashflow as per 31.12.09 remains cash positive. Furthermore the achievement of milestones in timely manner (monthly cut off dates) needs to be clarified with the client to allow or enable an optimized cashflow forecast.</p> <p>Cash in net: £ 63,643,665 (incl. interest income) ./ net cash out £ 47,044,437 = £ 16,599,228 net cash balance</p>	
<b>1.2.6</b>	<b>Contingencies</b>	
	<p>The value for in the tender estimated contingencies is stable about £ 5,019,788 (see attachment 3.01).</p>	
<b>1.2.7</b>	<b>Construction Programme</b>	
	<p>Reporting is against the revised Contract Programme (Rev. 1) which shows the agreed 7 1/2 weeks extension of time (06 September 2011). In November tie confirmed an initial entitlement of 9 months relief on LD's (05 June 2012) and 6 months on prolongation costs for EOT 2, which shows a total delay of 13 months (02 October 2012). Further entitlement will be assessed on a new Contract Programme (Rev. 3), currently jointly developed with tie to be completed by January/February 2010.</p>	

	<p><b>Project: Edinburgh Tram Network</b> as per: <b>31/12/2009</b></p>							
<b>1.03 General Information</b>								
1.3.1	<p><b>Short note on progress, events this month</b></p> <p><u>Mobilisation</u> : Erection of Haymarket site office planned in January 2010.</p> <p><u>Design</u>: Production of civil and building drawings in accordance with the original design is 89% complete. In general earthworks, roads, track and structures drawings are available and drawings for the depot, substation and tramstops are being completed to support construction. Civil drawings, revised to incorporate Siemens design (trackform including vibration isolation, OLE foundations, substations) are largely complete. Drawings are being prioritised to support construction.</p> <p>Production of detail drawings for structures and other areas affected by client changes is held up, pending resolution of change evaluation with the client and issue of instructions to the designer. Resolution of change evaluation is the subject of intensive effort by BB.</p> <p>Resolution of technical interfaces and production of an integrated design, together with necessary system assurance and production of the case for safety, are ongoing within the design management team.</p> <p>SDS is progressing the remaining design in accordance with the acceleration programme to achieve an completion of the design in spring 2010.</p> <p><u>Procurement</u> : Where work is available, subcontractors are working under limited notices to proceed but all our contractors are very concerned about the impact on their works of unresolved change issues.</p> <p><u>Construction</u> : Off-Street works have continued at Edinburgh Park Bridge, Guided Busway, Depot building and at Gogarburn Bridge to the extent possible without taking any risk for unagreed changes. Works on Russell Road Retaining Wall and Carrick Knowe Bridge continued in accordance with the Clause 80.15 instruction by tie.</p>							
1.3.2	<p><b>Significant extraordinary events</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 10%;">Date</th><th style="text-align: left;">Description</th><th style="text-align: left;">Remarks</th></tr> </thead> <tbody> <tr> <td></td><td></td><td></td></tr> </tbody> </table>		Date	Description	Remarks			
Date	Description	Remarks						
1.3.3	<p><b>Recent important agreements with the Employer or instructions having significant consequences</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 10%;">Date</th><th style="text-align: left;">Description</th><th style="text-align: left;">Remarks</th></tr> </thead> <tbody> <tr> <td></td><td></td><td></td></tr> </tbody> </table>		Date	Description	Remarks			
Date	Description	Remarks						
1.3.4	<p><b>Status on Major Unapproved Claims / Variations / Changes</b></p> <p>525 changes have been notified to date - 67 by tie and 458 by Infraco.  64 of these have been superseded by further changes or withdrawn.  65 of these have a delay only impact and will not require an estimate.  Therefore there are 396 changes requiring estimates.  11 of these are not Bilfinger-related and are just concerning Siemens or CAF.  Infraco has submitted 254 changes (of the remaining 385) for design only or for design and construction works.  109 changes (of the 254) have been approved or partly approved by a written tie change order.  131 estimates are still required.  There are 38 estimates proceeding through the internal consortium approvals process.</p>							

Project: Edinburgh Tram Network

as per: 31/12/2009


  
Civil

1.04 Performance Sheet

1. General Information

Client:	tie LIMITED	
Leadership:	BILFINGER BERGER UK LIMITED	Share: 75%
	BILFINGER BERGER VWB GMBH	Share: 25%
Currency:	GBP Rp.	(all amounts without V.A.T.)
Rate of Exchange Top Sheet	1 GBP = 1.25 EUR	Actual: 1.11 EUR

2. Construction Period

	Contract (Rev. 1)	Actual	Variance
Construction start date	15-May-08	15-May-08	0 days
Construction end date	16-Jul-11	05-Jun-12	325 days
Total excl. Site Removal	38 month	49 month	2,796 %
Expired construction time	19.5 month	19.5 month	51 %
Performance to date		50,673,664 GBP	31 %

2. Total Contract Value

	Date of Contract	Total Previous Month	December 2009	Total Reporting Month
Contract Value with Client (first evaluation)	141,508,815 (incl. SDS NovaAgree)			
Contract Value with Client (revised evaluation)	135,706,209 (incl. SDS NovaAgree)	100.00%	161,507,557 119.0%	2,155,050 163,662,607 120.6%
Contract Value with 3rd Parties (without interest)			0 0.0%	0 0.0%
		161,507,557 119.0%	2,155,050 163,662,607 120.6%	

3a. Provisional Sums

	Total Previous Month	December 2009	Total Reporting Month
SDS Novation Agreement Provisional Sums	1,924,989 1.4%	48,500	1,973,489 1.5%
Defined Provisional Sums	156,259 0.1%	11,933	168,192 0.1%
Undefined Provisional Sums	554,803 0.4%	16,679	571,483 0.4%

3b. Claims and Variations

	Total Previous Month	December 2009	Total Reporting Month
Claims and Variations approved (= Total VOs Approved - 3a. Provisional Sums)	23,165,296 17.1%	2,077,939	25,243,235 18.6%
Claims and Variations submitted but not approved yet	51,772,904 38.2%	-372,653	51,400,251 37.9%
Claims and Variations under preparation	26,318,998 19.4%	827,310	27,146,308 20.0%

4a. Performance

	Total Previous Month	December 2009	Total Reporting Month
Performance for Actual Contract Value with Client	47,038,955 29.12%	3,634,709	50,673,664 30.96%
Performance for 3rd Parties (without interest)	0 0.0%		0 0.0%
Total Performance to Date	47,038,955 29.12%	3,634,709	50,673,664 30.96%
Remaining Performance to Date	114,468,602 70.88%		112,988,943 69.04%
Actual Planned Performance (Planned Performance per report date - Performance Last Month)	47,038,955 29.12%	3,800,525	50,839,480 31.06%

4b. Cost

	Total Previous Month	December 2009	Total Reporting Month
Actual Cost at Reporting Date	47,185,602 29.22%	3,429,606	50,615,208 30.93%

5. Result

	Date of Contract	Total Previous Month	December 2009	Total Reporting Month
Planned Result for Contract with Client (first evaluation)	15,670,750 11.07%			
Planned Result for Contract with Client (revised evaluation)	9,868,139 7.27%	11,743,758 7.27%	151,574 11,895,332 7.27%	
Actual Result at Reporting Date		-145,647 -0.31%	205,103	58,456 0.12%
Forecast Result at the End of Contract		685,062 0.42%	198,358	883,420 0.54%
Weighted Result at the End of Contract (Likely Case)		15,852,505 9.08%	195,394	16,047,899 9.08%

6. Invoices, Payment and Bank account

	Total Previous Month	December 2009	Total Reporting Month
Application to the client - excl. VAT	67,539,390 41.82%	6,183,662	73,723,052 45.05%
Certified by the client (Invoice) - excl. VAT	62,981,116 39.00%	2,737,744	65,718,860 40.16%
Cash in from the client - excl. VAT	58,807,732 36.41%	4,173,384	62,981,116 38.48%
Cash in from 3rd Parties - excl. VAT	0 0.00%	0	0 0.00%
Interest income	656,052 1.39%	6,498	662,550 1.31%
Cash out (excl. VAT)	42,879,444 26.55%	4,164,994	47,044,437 28.74%
Net Liquidity	16,584,340 10.27%	14,889	16,599,229 10.14%
credline	0%		

7. Subcontractor Work (incl. Design)

	Total Previous Month	December 2009	Total Reporting Month
Total Portion of Subcontractor Budget	60,353,024 (incl. SDS) 44.47%	107,009,948 66.26%	1,712,921 108,722,869 66.43%
Total Amount of signed Subcontracts incl. approved Variation Order		0 0.0%	0 0.00%
Total Subcontractor Result to date		0 0.0%	0 0.00%
Actual Subcontractor Costs to date (incl. Accruals)		0 0.0%	0 0.00%
Therefrom invoiced to date		0 0.0%	0 0.00%

8. Actual Forecast for Performance and Result

in TSD GBP

Performance	Original planned				Actual / Forecast
	2008	2009	2010	2011	
Jan	1,706	2,786	2,346		584 3,390 3,207 3,241
Feb	2,526	4,026	2,026		1,739 3,094 3,515 3,237
Mrz	3,526	5,026	2,526		1,579 3,170 3,644 3,243
Apr	4,526	5,276	2,526		3,035 3,222 3,581 3,240
Mai	855	5,776	6,026	2,526	500 2,268 3,265 3,561 3,304
Jun	1,355	5,776	6,526	1,026	1,052 2,049 3,270 3,647 3,272
Jul	2,375	5,776	6,526	1,026	1,331 1,531 3,244 3,580 3,184
Aug	2,855	6,026	6,526		1,465 6,312 3,285 3,547 3,193
Sep	3,055	4,626	6,526		1,047 3,783 3,256 3,644 3,098
Okt	2,855	4,026	6,526		3,340 3,931 3,205 3,661 2,505
Nov	1,535	2,526	5,026		1,725 7,288 3,277 3,576
Dez	1,446	1,866	1,706		2,481 3,635 3,256 3,368
Total	16,334	48,678	62,498	13,999	12,940 37,734 38,937 42,533 31,519
					total: 163,663

Linear Calculation

Yearly Forecast	
Performance and Result in 2009	
Performance	12,940,000
Result	0 0.0%
Performance and Result in 2010	
Performance	37,735,880
Result	0 0.0%
Performance and Result in 2011	
Performance	38,937,400
Result	0 0.0%
Performance and Result in 2012	
Performance	31,519,000
Result	0 0.0%
Total Performance and Result	
Performance	100,102,400
Result	0 0.5%

Edinburgh,

Edinburgh,

Place and Date

Vogt, Commercial Manager

	Project: Edinburgh Tram Network as per: 31/12/2009	BILFINGER BERGER Civil
--	---	---------------------------

### 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	163,663	163,663	163,663		1 Actual Cost Forecast according to Job Site Estimate incl. cost for integrated Changes	-162,779	-162,779	-162,779	
2	Unapproved, but in Job Site Estimate integrated Changes	2,483	1,664	768		2 Unapproved, but in Job Site Estimate integrated Changes				
3	Total unapproved Changes	2,483	1,664	768		3 Total unapproved Changes	0	0	0	
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				
4.16						4.16				
4.17						4.17				
4.18						4.18				
4.19						4.19				
4.20						4.20				
<b>Σ 4.1 : 4.20</b>	Risks not included in JSE	0	0	0		<b>Σ 4.1 : 4.20</b>	Risks not included in JSE	0	0	
5.1	Back Flow of Value Engineering	2,000	1,500	0		5.1	Uninsured Economic Losses	2,200	1,000	0
5.2	Change Order EOT2b	7,200	6,600	3,000		5.2	Interest Income	1,100	1,000	900
5.3	NET Revenue OSSA	3,400	3,400	2,000		5.3				
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				
5.16						5.16				
5.17						5.17				
5.18						5.18				
5.19						5.19				
5.20						5.20				
<b>Σ 5.1 : 5.20</b>	Chances	12,600	11,500	5,000		<b>Σ 5.1 : 5.20</b>	Chances	3,300	2,000	900
<b>6 = 1+3+4+5</b>	Forecast Final Revenue	178,746	176,827	169,430		<b>6 = 1+3+4+5</b>	Forecast Final Costs	-159,479	-160,779	-161,879

	Costs	best case	likely case	worst case
Forecast Final Result (best case) (Revenue Best Case + Forecast Cost all cases)	Revenue	178,746		
	Costs	-159,479		
	Result	19,267		
% Gross Margin based on Revenue Best Case	Revenue:	178,746	10.78%	
Forecast Final Result (most likely case) (Revenue most likely case + Forecast Costs all cases)	Revenue		176,827	
	Costs	-160,779		
	Result	16,048		
% Gross Margin based on Revenue Likely Case	Revenue:	176,827		9.08%
Forecast Final Result (worst case) (Revenue worst case + Forecast Costs all cases)	Revenue			169,430
	Costs			-161,879
	Result			7,551
% Gross Margin based on Revenue Worst Case	Revenue:	169,430		4.46%
Gross Margin previous month (most likely case)			10.63%	9.08%
				-4.69%

	Project: <b>Edinburgh Tram Network</b> as per: <b>31/12/2009</b>	
<b>2.01 Cost Reconciliation Sheet</b>		
<b>see following pages</b>		

Project: GB-2006-1001AK18 Edinburgh Tram 2009\_12  
Reporting Month: 18. R-P. 11.2009

## COST RECONCILIATION &amp; FORECAST FINAL (REMEASURED CONTRACT)

Currency: GBP

WORK / COST CODES		TO DATE								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 IxDJC-Rate	Variance to Date	Budget Original Wty.	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 (AQty)	Forecast Final Cost	Forecast Final Variance	Projected Variance (Linear)	
<b>Evaluationwith Activity Model: Rev.3_20090908</b>																					
25.1.201.42	Section 1 - Site C4	152,904	0	152,90	194,164	0	41,260	194,164	41,260	3,135,322	3,135,322	0	0	3,135,322	2,935,322	6.61 %	2,741,158	2,894,062	24,1260	41,260	
25.1.201.48	Section 1 - Small Subcontracts TBA	0	0	240	0	240	240	240	240	320,806	320,806	373	0	321,179	321,178	0.07 %	320,938	320,938	241	240	
25.1.201.09	Section 1 - Scourinwide	152,904	0	152,904	194,404	-	41,500	194,404	41,500	3,456,128	3,456,128	37	0	3,456,501	3,256,501	5.97 %	3,062,09	3,215,000	241,500	41,500	
25.1.201.31	Section A1+A2 - TBA	181,255	0	181,255	173,000	0	-8,255	173,000	-8,255	7,376,522	7,376,522	19,490	0	7,396,012	7,396,012	234 %	7,223,012	7,404,267	-8,255	-8,255	
25.1.201.32	Section A3 - TBA	0	0	0	0	0	0	0	0	2,257,643	2,257,643	0	0	2,257,643	2,257,643	0.00 %	2,257,643	2,257,643	0	0	
25.1.201.10	BB Sub-Section 1 A	181,25	0	181,25	173,000	-	-8,25	173,000	-8,25	9,634,166	9,634,166	19,490	0	9,653,655	9,653,655	1.79 %	9,661,910	-8,25	-8,255	-8,255	
25.1.201.40	Section 1 (Main Sub Crummock)	506,207	0	506,20	334,696	158,740	-12,771	506,207	0	3,948,145	3,948,145	12,964	0	4,119,849	3,981,798	12.71 %	3,475,591	3,981,798	138,051	-100,480	
25.1.201.11	BB Sub-Section 1 B	505,30	0	506,20	334,696	158,74	-12,771	506,207	0	3,948,14	3,948,14	12,964	0	4,119,84	3,981,798	12.71 %	3,475,59	3,981,798	138,051	-100,480	
25.1.201.43	Section IC1 - TBA	0	0	0	0	0	0	0	0	1,086,641	1,086,641	11,788	0	1,098,429	1,098,429	0.00 %	1,098,429	1,098,429	0	0	
25.1.201.44	Section IC2 - TBA	13,118	0	13,118	13,118	0	0	13,118	0	4,335,508	4,335,508	20,987	0	4,356,495	4,356,495	0.30 %	4,343,377	4,356,495	0	0	
25.1.201.45	Section IC3	1,478,729	0	1,478,729	1,353,729	125,000	0	1,478,729	0	0	0	0	0	1,353,729	125,000	1,478,729	1,478,729	100.00 %	1,478,729	0	
25.1.201.12	BB Sub-Section 1C	1,491,84	0	1,491,84	1,366,847	125,000	0	1,491,84	0	5,422,148	5,422,148	1,386,505	0	5,422,148	1,386,505	12.52 %	5,441,80	1,693,653	0	0	
25.1.201.52	Section 1D MacKenzie Sect	63,507	0	63,50	26,757	65,000	28,250	98,606	35,099	2,998,744	2,998,744	-860,625	0	179,152	2,317,271	2,662,436	3.70 %	2,563,830	2,627,337	-310,666	28,250
25.1.201.96	SupplAgree Princes Street	10,101,385	0	10,101,385	10,081,363	0	-20,022	10,081,363	-20,022	1,063,542	1,063,542	9,131,550	0	10,195,092	10,195,092	98.88 %	11,729	10,15,114	-20,022	-20,249	
25.1.201.13	BB Sub-Section 1D	10,164,89	0	10,164,89	10,108,120	65,000	-8,228	10,179,969	15,077	4,062,286	4,062,286	8,270,925	0	179,151	12,512,36	12,857,529	79.18 %	2,677,560	12,842,45	-330,090	8,001
25.1.201.53	Site Costs / Remairing Works BB -TBA	721,498	0	721,498	279,158	0	-442,340	740,819	19,321	855,828	855,828	0	0	855,828	1,421,180	52.13 %	680,361	1,401,859	-546,031	-848,533	
25.1.201.54	SubNN -TBA	551,233	0	551,233	213,370	0	-337,863	505,871	-45,300	4,656,641	4,656,641	260,215	0	4,916,856	5,182,970	9.76 %	4,677,099	5,228,332	-311,476	-337,863	
25.1.201.55	SubNN -TBA	14,409	0	14,409	0	0	-14,409	0	-14,409	2,402,044	2,402,044	0	0	2,402,044	2,402,044	0.00 %	2,402,044	2,416,453	-14,409	-14,409	
25.1.201.62	S27 Edinburgh Park Station Bridge	5,018,093	0	5,018,093	3,645,566	0	-1,372,52	4,922,318	-95,775	4,674,535	4,674,535	227,732	0	4,902,267	6,134,068	80.25 %	1,211,742	6,229,835	-1,327,568	-1,710,314	
25.1.201.59	S28 AA Underpass	594,037	0	594,03	388,071	0	-205,966	709,291	114,244	4,804,432	4,804,432	106,352	0	4,910,784	5,313,659	13.33 %	4,605,378	5,199,415	-288,631	-1,545,131	
25.1.201.58	Sub Structures/Substations -TBA	745,730	0	745,730	412,552	0	-333,178	634,370	-111,360	6,078,368	6,078,368	3,205	0	6,081,573	6,226,853	10.19 %	5,592,483	6,338,213	-256,640	-3,269,651	
25.1.201.14	BB Sub-Section 5 A/B/C	7,645,000	0	4,938,718	7,511,659	-133,341	2,711,659	1,247,184	2,711,659	597,504	0	24,069,352	26,680,767	28.15 %	19,169,108	26,814,108	-2,744,756	-7,725,906			
25.1.201.61	Section 2+5A(Main Sub Graham)	974,267	0	974,267	547,837	21,702	-404,728	881,823	-92,44	20,024,409	20,024,409	416,416	0	21,702	20,462,527	20,734,812	4.25 %	19,852,969	20,827,256	-364,729	-404,728
25.1.201.63	Section 5C+7 (Main Sub Furness)	2,302,294	0	2,302,294	1,811,564	42,636	-448,094	2,248,177	-54,411	5,738,972	5,738,972	111,025	0	4,915,718	6,419,072	33,000	4,170,895	6,473,189	-577,474	-1,279,531	
25.1.201.63	Section 6 (Main Sub Burn)	4,342,124	0	4,342,12	4,266,670	18,197	-17,331	4,303,959	-38,165	13,932,200	13,932,200	1,543,864	0	15,494,261	16,488,680	26.10 %	12,184,721	16,526,845	-1,032,584	-219,375	
25.1.201.15	Packag cSubcontractor	7,618,685	0	6,626,072	82,534	-910,07	7,433,966	-184,727	39,695,581	2,071,305	85,617	41,852,503	43,642,56	17,03%	36,208,60	43,827,388	-1,974,78	-1,903,641			
25.1.201.21	Temporary Traffic Management TBA	2,431,235	0	2,431,235	1,015,734	41,598	-1,373,903	2,364,656	-66,579	2,765,570	2,765,570	479,303	41,598	3,296,471	4,593,795	51.48 %	2,229,139	4,680,374	-1,373,903	-2,668,809	
25.1.201.22	Street Lighting -TBA	0	0	0	0	0	0	0	0	1,130,224	1,130,224	-10,267	0	1,119,957	1,130,224	0.00 %	1,130,224	1,130,224	-10,267	0	
25.1.201.21	Landscaping -TBA	0	0	0	0	0	0	0	0	150,000	150,000	0	0	150,000	150,000	0.00 %	150,000	150,000	0	0	
25.1.201.16	Construction Overall	2,431,235	0	1,015,734	41,598	-1,373,901	2,364,656	-66,579	4,045,794	4,045,794	409,036	41,59	4,556,42	5,874,019	40.26 %	3,509,36	5,940,598	-1,384,16	-2,668,809		
25.1.201.01	Construction	30,192,024	0	24,757,588	472,874	-4,961,56	29,855,700	-33,632	93,736,096	93,736,096	12,828,101	590,10	10,154,304	11,880,484	26.45 %	83,024,784	11,216,808	-6,062,504	-12,357,590		
25.1.201.64	Site Installation / Running Costs	1,964,480	0	1,964,480	1,377,039	12,601	-574,83	1,985,953	21,47	1,988,002	1,988,002	1,393,378	26,384	3,497,764	4,108,098	48.34 %	2,122,145	4,086,625	-678,861	-1,189,148	
25.1.201.65	Staff	9,578,293	0	9,578,293	8,666,936	65,435	-845,912	9,616,014	37,731	13,241,334	13,241,334	6,962,537	147,256	20,351,127	22,452,806	42.83 %	22,414,875	-2,063,748	-1,975,046		
25.1.201.66	Design And Engineering	6,550,321	0	6,550,321	4,991,722	627,303	-931,296	6,504,437	-45,884	3,308,815	3,308,815	2,841,007	737,376	6,887,198	8,340,135	77.99 %	1,835,698	8,388,019	-1,498,821	-1,194,122	
25.1.201.67	Insurances, Bonds, Interests	-186,799	0	-186,799	331,217	0	518,016	-76,332	110,46	2,552,277	2,552,277	1,771,270	36,542	4,360,089	5,715,631	-13.4 %	5,791,963	5,605,164	-1,245,075	518,016	
25.1.201.68	Tender Costs	543,775	0	543,775	543,775	0	0	543,870	0	543,775	543,775	0	0	543,775	543,870	100.00 %	543,775	543,775	0	0	
25.1.201.71	Consultants	1,973,122	0	1,973,122	7,12,500	0	-1,260,622	1,972,098	-1,02	589,297	589,297	132,917	0	722,214	3,718,576	53.03 %	1,746,478	3,719,600	-2,997,386	-2,377,186	
25.1.201.02	Overhead	20,423,183	0	20,423,18	16,623,190	705,344	-3,094,649	20,546,040	122,857	22,223,501	22,223,501	13,101,109	947,558	36,272,168	44,878,916	45.78 %	24,332,876	44,756,05	-8,483,891	-6,217,486	
25.1.201.																					

Project: GB-2006-1001AK18 Edinburgh Tram 2009\_12  
Reporting Month: 18. R.-P. 11.2009

### COST RECONCILIATION & FORECAST FINAL (REMEASURED CONTRACT)

Currency: GBP

Work- / Cost Code	Description	TO DATE						BUDGET CONTRACT AND EXECUTION						FORECAST FINAL						
		Actual Cost	Accruals	Actual Cost with Accruals S=3+4	Actual Allowable incl. agreed VO's	Allowable for unapproved VO's 7	Variance to Date 8=(6+7)-5	Revised DJC 10xDJC-Rate 9	Variance to Date 10= 9.5	Budget Original Wkly. 14	Budget Orig. Contr. with AQty. 15	Budget Agreed VO's AQty. 16	Budget unapp'd VO's AQty. 17	Budget Total AQty. 18=15+16+17	Revised DJCt AQty. 19	% Complete 21=9/19	Cost to Complete (A-Q) 21=19.9	Forecast Final Cost 22=5+21	Forecast Final Variance 23=18-22	Projected Variance (linear) 24=8/20
Total Cost incl. Prime Cost Sums		50,615,208		50,615,208	41,380,51	1,178,23	-8,056,458	50,401,49	-213,71	125,838,065	125,838,065	25,929,211	1,537,664	153,304,940	162,779,18	91.0	112,377,692	162,992,900	-9,687,960	-25,988,574
Prime Cost Sums 0 / 0					0															
Total Cost without Prime Cost Sums		50,615,208		50,615,208	41,380,515	1,178,23	-8,056,45	50,401,496	-213,71	125,838,065	125,838,065	25,929,211	1,537,664	153,304,940	162,779,188	91.0	112,377,692	162,992,900		

#### REMEASURED CONTRACT:

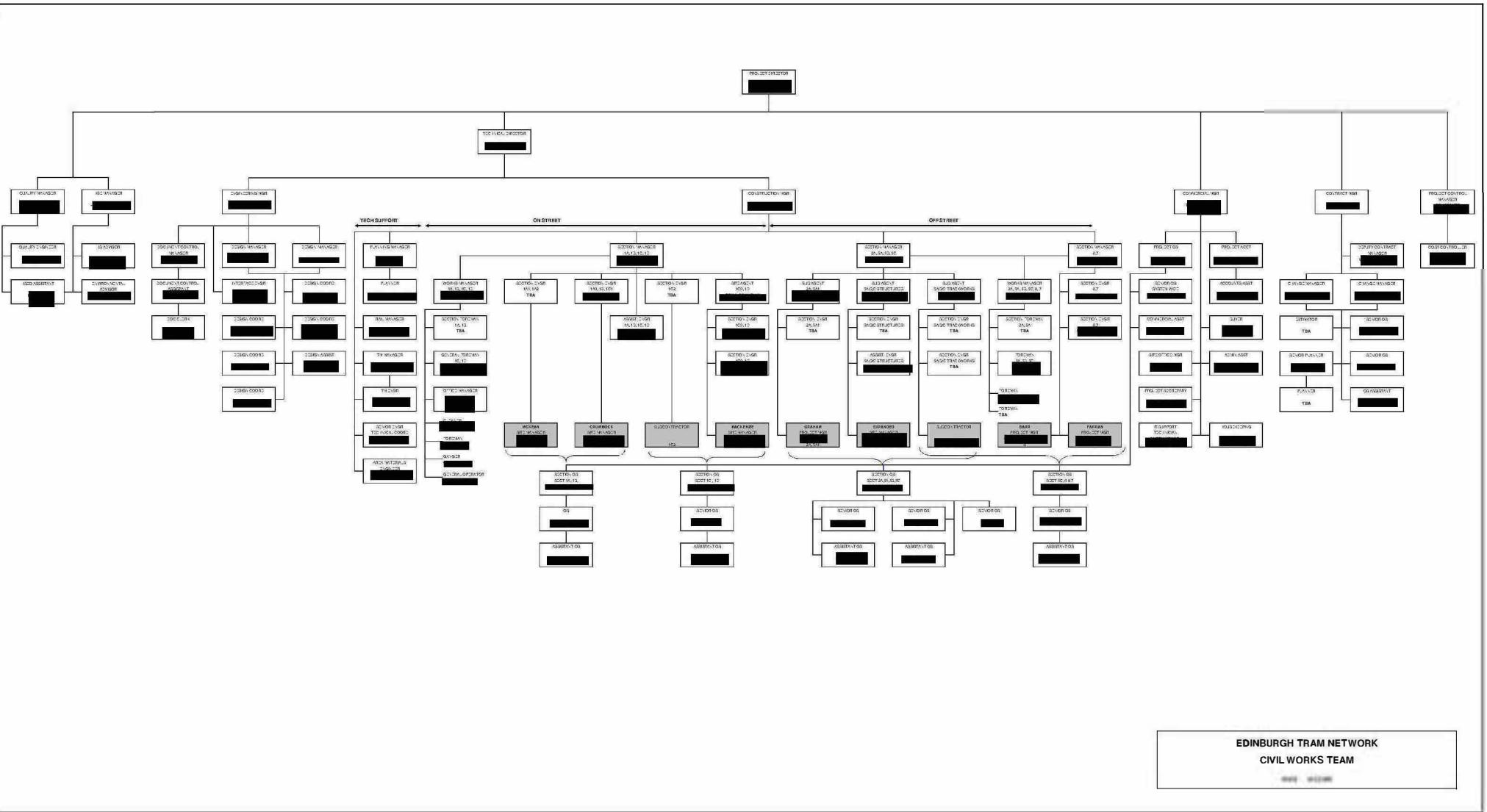
Gross Margin original Contract and agreed VO's (PF = 1.0054, PFB = 1.0784)

Total Cost without Prime Cost Sums	50,615,208	41,380,515	50,401,496	125,838,065	125,838,065	25,929,211	1,537,664	153,304,940	162,779,188	162,992,900
Gross Margin		3,244,332	27,168	15,670,750	9,868,144	2,027,188		11,895,332	883,420	669,708
Gross Margin in % from Performance		7.27 %	0.54 %	11.07 %	7.37 %	7.25 %		7.27 %	0.54 %	0.41 %
Performance without Prime Cost Sums		44,624,74	50,673,66	141,508,815	135,706,209	27,956,39		163,662,608	163,662,60	163,662,60
Actual Cost to date	50,615,208	50,615,20								
Gross Margin to date		-5,990,461	58,456							
Gross Margin to date in % of Performance		-13.42 %	0.12 %							
Performance Prime Cost Sums										
Total Performance	44,624,747	50,673,664	141,508,815	135,706,209	27,956,399		163,662,608	163,662,608		
Revenue according WBS										

Gross Margin (weighted) original Contract, agreed and valued VO's (PF = 1.0157, PFB = 1.0784)

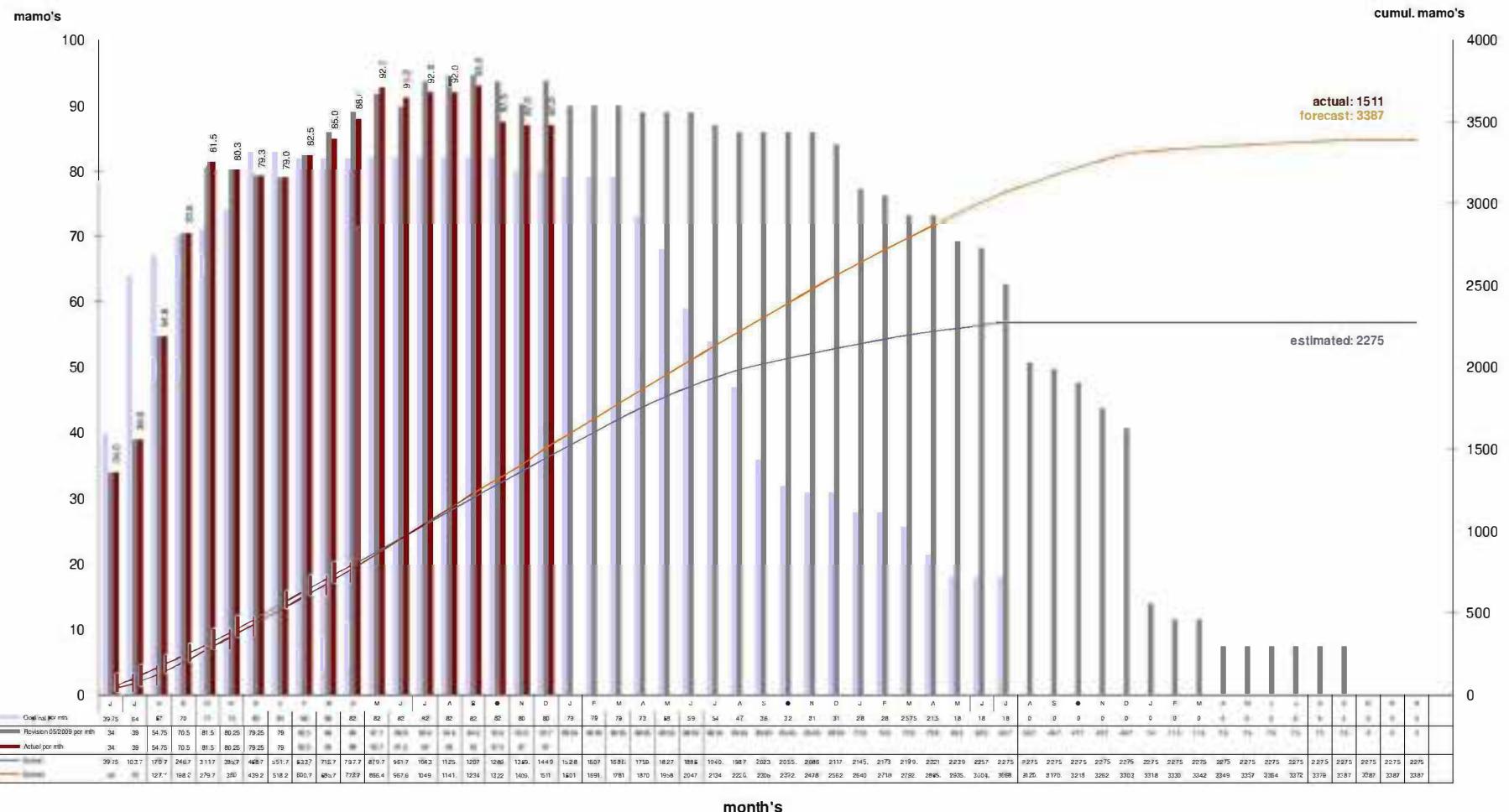
Total Cost without Prime Cost Sums	42,558,750	50,401,496	125,838,065	125,838,065	25,929,211	1,537,664	153,304,940	162,779,188	162,992,900
Gross Margin	3,336,606	791,303	15,670,750				12,023,148	2,547,900	2,334,188
Gross Margin in % of Performance	7.27 %	1.55 %	11.07 %				7.27 %	1.54 %	1.41 %
Valued Performance without Prime Cost Sums	45,895,356	51,192,799	141,508,815	135,706,209	27,956,399	1,664,481	165,327,088	165,327,088	165,327,088
Actual Cost to date	50,615,208	50,615,20							
Gross Margin to date		-4,719,852	-4,719,852						
Gross Margin to date in % of Performance		-10.28 %	-9.22 %						
Performance Prime Cost Sums (incl. valued performance)									
Total Performance (incl. valued performance)	45,895,356	51,192,799	141,508,815	135,706,209	27,956,399	1,664,481	165,327,088	165,327,088	165,327,088
Revenue according WBS (VO's valued)									
Revenue according WBS (VO's valued by 100%)									

2.05 Organisation Chart



## 2.06 Staff Chart

Staff mamo performance Edinburgh Tram



2.08a Approved Change Orders

INTC	TCO	Prov Sum	Section	Activity	QS	Description	Date of Approval	Revenue	Estimate						Remarks
									Budget for performance, design & estimate	Other Prelims 17.5%	Consortium Fee 7.4 %	OH&P / Margin	Margin in %	Stage of Completion acc. to Perf. Report	
									5+1-2-3-4	6+5/1					
						SDS Novation Agreement Provisional Sums	31/10/09	1,973,489.00	1,973,489.00						100.00%
PSSA		10/D	98	SSm	GAn	Works carried out under Supplemental Agreement concerning Princes Street Archaeological Survey to the Caley Ale House	20/03/09	11,902,468.58	9,965,088.2			1,079,795.08	856,986.67	7.20%	7.41% 100.00%
019	001	Graham		GAn		Asbestos in the Caledonian Ale House	19/09/08	5,978.61	4,430.40	115.08	327.85		443.04		
053		SC		GAn	TNC004 Utilities Diversion & associated works		33,217.85	28,538.95	5,494.87	2,323.54	2,859.26		7.29%	5.80% 100.00%	
087	004	BSC			Duct Installation Leith Walk	22/01/09	344.00	256.00	44.83	18.87	25.50			100.00%	
059		Graham	81	GAn	Notified Departure in acc. With Schedule 4 due to the Asbestos Survey		29,933.00	22,200.00	3,885.00	1,642.80	2,205.20			91.00%	
006		SA		GAn	TNC002 Utilities Diversion & associated works	03/12/08	75,489.50	54,944.68	10,578.85	4,472.50	5,494.4			7.28%	
		SB		GAn	TNC003 Utilities Diversion & associated works		88,027.17	64,070.99	12,333.67	5,216.38	6,407.1			6.00% 7.28%	
		IA		SKy	Demolition of existing garage and fuel tanks on Ocean Drive.		19,560.50	14,500.00	2,537.50	1,073.00	1,450.00			7.41%	
178	009	Farrans		OHu	Temporary Ramps (2 no.) at Gogar Church Road Construct Car Park		7,725.08	5,622.74	1,082.39	457.69	586.01			7.28% 100.00%	
010		Graham		GAn	Move site boundary fencing at Haymarket Car Park		987.98	719.09			11.00			7.28%	
272	011	SB	84	GAn	Soil Layer below Subsoil Level at Carrick Knowe	1/12/08	96,557.69	70,280.00	13,528.90	5,720.79	7,028.00			100.00%	
		Graham	81	GAn	Demolition of Access Steps to Haymarket Station Carpark	23/01/09	2,328.25	1,710.00	308.25	126.54	183.45			7.89%	
013					see TCO 4										
		DPS	1B	SKy	Discovery of Cable & Wireless ducts - Change 108	28/01/09	187.35	138.35							7.28% 100.00%
		SDS			Additional TRD Drawings as SDS Letter dated 4th July 2008	22/01/09	3,550.18	3,024.00							100.00%
016		IA	31	SKy	Demolition of existing building at 33 Ocean Drive.	02/03/09	6,732.70	4,989.52	875.00	369.22	469.98				7.41%
		BSC			Hire standing at Haymarket Yards		1,011.75	750.00	131.25	55.50	75.00			100.00%	
		SDS-BSC	85/06		TNC005 Burnside road diversion - Fees for design (INF_CORR.006)	03/02/09	720.00	613.29			61.33				47.00%
		SDS			Read Construction Details - Construction Methodology Statements for		372,540.13	317,325.50			31,732.55				8.52% 100.00%
269	020	SDS			Instructions arising from Trackform Development Workshop	13/02/09	371,057.98	318,063.00			31,808.30				8.52% 100.00%
		TM		SKy	Princes Street Construction Works closure to traffic during construction	13/02/09	7,522.40	5,578.28			557.61				7.41% 100.00%
	023	DPS			Removal of Provisional Sun Main Contract - Relocation Ancient Monuments	12/03/09									
	024	SDS			West End Tramstop - revised requirements from CEC tie.	09/04/09	16,636.17	14,170.50			1,048.62	1,417.05			8.52% 100.00%
				OHu	Monthly Track Monitoring Network Rail East Coast North Line / Gogar Depot	27/03/09	5,389.02	3,980.00	696.50	294.52	398.00				100.00%
	026	Graham	81	GAn	Discovery of underground petrol tank at National Car Rental Site	07/04/09	5,530.90	4,100.00	717.50		410.00				7.41% 100.00%
		Farrans		OHu	Temporary Access Ramp from Depot	22/03/09	16,302.74	12,221.80	2,115.09	894.33	1,072.59				6.58% 100.00%
157	028		63	OHu	Additional excavated material at Depot	02/04/09	1,857,395.58	1,223,272.73	232,221.16	99,574.40	102,327.2				7.41% 100.00%
	030	DPS	82	OHu	Scottish Gas Networks - Trial investigations to protect gas main at Culvert 2		16,430.30	11,983.84	2,308.85			1,198.38			7.29% 100.00%
	031	DPS	1B	SKy	Discovery of alkathene water pipe above formation level - Change 285 RHS	29/04/09	818.86	-458.75			33.95	45.88			100.00%
218	032	DPS	1B	SKy	Discovery of 2 No. LV and 1 No. HV cables above formation level - 182 RHS.	29/04/09	295.41	218.36			20.00	27.70			100.00%
	220		1B	SKy	Discovery of Water connection pipework above formation level - 181 RHS		91.87	68.1			5.04				100.00%
	034	DPS	1B	SKy	Discovery of stone culvert - Change 100 RHS	29/04/09	1,169.22	886.79			64.14	88.60			7.41% 100.00%
	035	IB		SKy	Repairs required to footpath to allow pedestrian access - Change 170 RHS	29/04/09	329.17	239.59				23.98			7.28% 100.00%
	260	036	IB	SKy	Relocate existing Control Box - Section 1B	29/04/09	1,274.89	945.13	185.40	69.94					7.41% 100.00%
		Farrans	82	OHu	Gogar Castle Road tree felling		1,335.51	990.00	179.28	73.28	98.00				100.00%
	038	Farrans	82	OHu	Renstate access ramp at Gogar Depot	29/04/09	9,980.34	7,132.21	1,372.95	580.56	794.62				8.04% 100.00%
		Farrans		OHu	Formation Level of Gogarburn Bridge West Abutment	29/04/09	13,439.8	9,782.32	1,983.10	798.28	978.23				100.00%
	297		82	OHu	Formation Level of Gogarburn Bridge East Abutment		8,486.27	6,182.2	1,188.23	501.00	618.22				7.28% 100.00%
	327	041	DPS	1B	SKy	Dye test and camera survey at Change 170 RHS	29/04/09	711.92	527.61	92.34		52.77	74.41		100.00%
	328	042	IB	SKy	Reinstate slabbed footway following MUDFA works	29/04/09	1,388.54	1,027.8	179.87	76.08					100.00%
003	043	UPS	Consultants	71	Instruction to proceed with road surveys.	02/06/09	89,050.01	66,011.86	11,552.08	4,884.88	6,801.19				7.41% 100.00%
	044		SDS		Feasibility Study (Design Only) Forth Ports access to ADM Milling		1,624.82	1,384.00		102.42	138.40				100.00%
195	045	DPS	1B	SKy	Discovery of temporary pedestrian crossing lighting ducts	29/04/09	747.89			41.45	55.94				7.48% 100.00%
193	048		1B	SKy	Discovery of Hydrant in kerb line - Change 333 RHS	29/04/09	449.22	333.00	58.28		33.30	74.41		100.00%	
	047		1B	SKy	Discovery of void around existing BT Duct - Change 360 RHS		192.37	142.60			14.26				100.00%
	048		1C	SSm	Demolition of Police Box Coffee Bar - Picardy Place	29/04/09	10,615.92	7,869.4	1,377.16	592.34	786.95				7.41% 100.00%
		IB		SKy	Install additional gully. Change 250 RHS		2,170.14	1,579.55			157.98				7.28% 100.00%
	050		Farrans		Survey of Existing Drainage (Gogar Landfill)	01/05/09	4,027.46	2,931.41	564.30	239.82	293.13				7.28% 100.00%
	051		SC	GAn	All Underpass Phase 1 Piling Obstructions		4,813.59	3,420.00			342.00	74.41			100.00%

2.08a Approved Change Orders

INTC	TCO	Prov Sum	Section	Activity	QS	Description	Date of Approval	Revenue	Estimate						Remarks
									Budget for performance, design & estimate	Other Prelims 17.5%	Consortium Fee 7.4 %	OH&P / Margin	Margin in %	Stage of Completion acc. to Perf. Report	
									5+1-2-3-4	6+5/1					
340	051		SC	GAn	Edinburgh Park Bridge South Abutment Base - Existing service (cable)	01/05/09	809.69	451.95	79.09	35.44	41.31	7.42%	100.00%		
341	053		SB	GAn	Carrick Knowe change 520200 to 520240 - sub-grade improvement	15/05/09	98,601.39	71,694.73	13,801.24	5,835.95	7,189.47	10.00%	100.00%		
360	054	DPS	SDS		Alteration of Design at Forth Ports Road B	15/05/09	11,932.54	10,164.00		1,088.88	1,118.40	8.52%	100.00%		
361	055	DPS	SA	GAn	Scottish Power Utility Diversion near Murrayfield Station	05/06/09	8,889.80	6,188.51	1,217.54	666.88	768.88	10.00%			
362	056	DPS	SA	GAn	Accommodation Works to Wanter's Clubhouse Building at Murrayfield	28/05/09	191,080.84	141,631.46	24,785.51	10,480.73	14,163.14	10.00%			
366	057		IB	SKy	Remove ornamental iron balls from Gogar Hill Depot	03/06/09	408.26	301.16	52.70	22.28	30.12	7.42%	100.00%		
367	058		SDS		Delay and Disruption to Ravelston Tramstop Landscaping	15/06/09	2,409.05	2,052.00		181.88	205.20	10.00%	100.00%		
368	059		SB	GAn	Pier 1 Base Formation - Section 6B	03/06/09	561.45	408.65	70.01	33.38	45.41	7.28%	100.00%		
335	060		BSC		Extension to Site Office for t/o SDS personnel	02/06/09	150,000.00	120,098.08	21,016.81	8,887.11	9,000.00	10.00%	20.00%		
340	061		TM	21	SKy	Traffic Management contingency for Emergency Utility Works	02/06/09	404.70	300.00	50.00	22.20	30.00	7.41%	100.00%	
369	062		TM	21	SKy	Section 1C/1D ~ Additional MASS barriers on Great Stuart Street	02/06/09	915.2	678.48	118.73	61.88	71.36	7.41%	47.00%	
314	063	BSC	B4/65		Sewer diversion, Gogar Landfill	08/06/09	1,433.79	1,213.64		98.79	121.36	8.48%	100.00%		
350	064		Farrans		OHu Protected Species mitigation measures	05/06/09	9,262.22	6,862.20	1,204.48	509.32	566.20	7.41%	100.00%		
311	065	DPS/BSC			Gogarburn Retaining Wall W14 - Re-design Water Mains and Gas Main	07/07/09	1,156.57	991.36		77.07	84.44	8.48%	100.00%		
222	066	DPS	IB	SKy	Discovery of valves and a hydrant fouling the new kerb line - t20 RHS	10/06/09	817.61	457.83	80.12	34.88	45.78	7.41%	100.00%		
238	067		TM	21	SKy	Temporary Traffic Lights opposite Manserden Street required	04/08/09	15,084.79	11,182.21	1,856.89	1,074.46	1,118.21	10.00%		
243	068		SDS		Forth Ports Substation - lack of as-built information	10/08/09	7,824.12	6,664.50		493.17	686.49	8.52%	100.00%		
352	069		TM	21	SKy	Off-peak Taxi Rank at George Street	10/05/09	2,213.71	1,641.00	287.18	121.43	184.10	7.41%	100.00%	
400	070		SDS		Forth Ports - New construction at Ocean Drive	10/06/09	2,817.60	2,400.00		177.80	241.00	9.02%	100.00%		
259	072		SDS-SB		GAn Cyceway at Edinburgh Park Station repositioned outside the LOD	15/06/09	52,094.65	39,809.70	5,340.56	3,221.42	3,922.91	7.53%	29.00%		
371	073		Consultants	21	SKy	Contract with Faber Maunsell for Transyt Lane Linsig Modelling Assessments.	19/06/09	64,809.00	48,043.00	8,407.52	3,555.18	4,803.30	7.41%	100.00%	
372	074	DPS	Farrans		OHu Transfer MU/DA Utility Diversion Sect. 5C Conflict Schedule 5C/TE/D/05	17/06/09	3,269.10	2,379.4	458.05	193.89	237.89	7.28%			
371	075	DPS	Farrans		OHu Transfer MU/DA Utility Diversion Sect. 5C-Conflict Schedule 5C/BT/D/05	17/06/09	855.81	622.91	119.91	50.70	62.29	7.28%			
307	076		Farrans		GAn Contaminated Soil assessment at Haymarket Depot	11/05/20/08/09	54,988.59	40,761.00	7,133.18	3,018.31	4,071.41	7.41%	65.00%		
439	077		SDS		SDS proposed office move to Edinburgh Park - IT costs	07/07/09	28,000.00	17,768.17	3,832.32	1,535.85	2,075.81	7.41%			
203	078		Deppel		OHu Structural Steelwork	10/06/09	270,379.87	196,792.26	37,892.51	16,018.89	19,679.22	10.00%			
203a	079		Deppel		OHu Foundations	15/07/09	47,782.15	34,778.48	6,694.88	2,830.97	3,437.48	7.28%	100.00%		
440	080		SB	GAn Renstatement of Bus Link	10/06/09									CO Value not issued - to be paid on Demonstrable Cost Basis	
440	081		TM-IC	21/43	SKy	Replace MASS barriers at St Andrews Square	14/08/09	22,890.55	16,973.00	2,970.27	1,256.00	1,697.31	7.41%	31.00%	
279	082		SDS		West Pitton Tram stop	29/07/09	1,000.00	732.00		54.17	73.26	8.52%	100.00%		
441	084	DPS	Farrans		OHu Provide local protection of sewer at Chainage 711990	31/07/09	2,690.95	1,999.22	349.88	107.88	199.91	7.41%	100.00%		
95/85	085	DPS	SDS		Gatehouse Works to Murrayfield Stadium Part 1	05/08/09	143,493.91	122,226.50		9,044.78	12,222.85	8.52%	38.00%		
441	086	DPS	IB	SKy	Leith Walk (Section 1B) Groundworks - Move THUS ducts - Ch 345 - 365	11/05/09	6,562.03	4,864.3		300.00	334.41	7.41%	100.00%		
202	090		Farrans		OHu IFC Drawing changes - Gogarburn Culverts 1, 2 and 3	13/08/09	13,368.47	9,730.35	1,973.08	792.05	973.02	7.28%	100.00%		
441	092		Farrans		OHu Additional earthworks to western approach embankment at Gogarburn Bridge	13/08/09	36,616.16	26,851.26	5,130.37	2,169.41	2,665.13	7.28%	100.00%		
203g	093		Deppel		OHu Secondary Steelwork	17/08/09	2,355.95	1,714.79		158.88	171.48	7.28%	40.00%		
334	094		Farrans		OHu Access at New Ingliston	10/06/09	5,827.59	4,282.94	784.59	331.77	428.29	7.35%			
441	095		SB	GAn IFC Drawing Change Carricknowe Bridge	27/08/09									CO Value not issued - estimate was referred to Dispute Resolution Procedure	
441	096		BSC		IFC Drawing Change Cathcart Lane Sub Station	31/08/09	1,229.73	1,040.91		84.73	104.05	8.46%	100.00%		
441	097		Deppel		OHu Hard material w/ the Gogar excavation	02/09/09	35,808.89	26,069.2	5,016.99	2,121.47	2,608.21	10.00%			
091	098		SB	GAn Reference ETN02 Edinburgh Park Structure (S27) Earthworks/Foundations.	04/09/09	52,388.71	37,750.68	7,802.57	3,080.38	3,775.08	7.21%	100.00%			
441	099		TM-IB	21/40/71	SKy	Testing to carriageway at Leith Walk	10/06/09	15,452.46	11,454.75	2,004.58	847.65	1,145.48	7.41%	100.00%	
437	100		SB	GAn Carrick Knowe works outside the LOD	09/11/09	4,323.55	3,205.00	560.89	237.17	320.50	7.41%				
441	103	DPS			Urban Traffic Controls (UTC) associated with delivery of the alignment									Instruction of ProvSum - Current Value just partially (only Siemens)	
441	104	DPS	IC/D		SSm Provisional Sum for Extra Over for Shell Grip at Junctions	12/10/09	158,259.21	113,728.94	21,893.80	9,257.95	11,378.52	7.28%		Instruction of ProvSum - Current Value just partially	
441	105	DPS	SB		A8 Underpass - BT works - Slew 2 way and 4 way ducts	10/06/09	94,954.28	70,144.03	12,275.21	5,100.88	7,344.38	7.73%			
441	106	DPS	SDS		TRO Changes September 2009	10/06/09	3,433.41	2,922.00			292.20				
382	108		SB	GAn Edinburgh Park Bridge - Approach Ramps additional earthworks	09/10/09	185,000.00	134,653.11	25,920.74	10,980.77	13,465.31	7.28%				
441	107		Deppel	21/61	SKy/GAn Sample soil nailing to embankments between Russell Road & Water of Leith	10/06/09	44,718.35	33,149.26	5,801.12	2,453.05	3,014.92	7.46%			
441	108		SB	57	GAn Sew existing BT duct at A8 underpass	10/06/09	22,848.75	16,934.93	2,985.19	1,253.18	1,893.49	7.41%			
125	109		SDS	61/66	GAn Unforeseen Ground Conditions at Haymarket Viaduct	10/06/09	84,317.38	68,649.54	11,015.81	5,588.06	6,884.77	7.28%			
441	110	DPS	IB	48	SKy Discovery of concrete encased lighting cable - Change 339 RHS	28/10/09	179.7	133.51	23.29	9.85	12.92	7.19%			

**2.08a Approved Change Orders**

INTC	TCO	Prov Sum	Section	Activity	QS	Description	Date of Approval	Revenue	Estimate						Remarks	
									Budget for performance, design & estimate	Other Prelims 17.5%	Consortium Fee 7.4 %	OH&P / Margin	Margin in %	Stage of Completion acc. to Perf. Report		
040	111		SDS			TRO Presentations by SDS to the public during September 2008	04/11/08	23,480.00	20,000.00		1,480.00	2,000.00	8.5%			
077	111		SDS Fairans	62/68	OHu	DESIGN ONLY to Amend line of route design section 5#c (Batch 5/22)	13/11/09	5,368.54	4,251.90	321.55	369.80	425.19	11%			
078	111		5B		GAn	Existing Ground levels at Edinburgh Park Bridge	03/11/09	61,851.30	47,265.35	6,932.89	2,931.62	4,721.44	7.03%			
203	111		Depot		OHu	BDDito IFC client to depot access road	13/11/09	78,674.85	57,263.89	11,023.30	4,661.28	5,726.39	7.28%			
001	111		Graham		GAn	IFC Drawing Change Haymarket Vault	08/11/09	95,173.00	70,000.00	13,475.00	5,698.00	7,000.00	11%			
001A-D	111		EOT1	64/65/67		IFC dates entered into the Schedule Part 15 (Sect 1A-D)	04/11/09	2,225,000.00			1,415,767.50	606,757.50	202,475.00	9.10%		
428	121		BSC			Alteration of Drainage at Eastfield Avenue to avoid a clash with Utilities	03/11/09	1,084.74				90.36	8.89%			
000	111		5B		GAn	Edinburgh Park Bridge (S27) - South Abutment Base Formation	03/11/09	9,494.75	7,202.65	1,131.29	443.35	717.45	7.55%			
			EOT2a	64/65/67		Issue of MIDFA Programme Revision 8	03/11/09	8,600,000.00			4,199,580.00	1,799,820.00	600,600.00	10.00%		
						Changes	TOTALS:	27,956,398.34	15,926,795.98	7,283,702.81	2,718,711.74	2,027,187.81	7.25%			
		DPS				Thereof Defined Provisional Sums										
		UPS				Thereof Undefined Provisional Sums										
		PS				Provisional Sums										

*Sum=Total budget approved changed orders*

**25,929,210.53**

		DPS				Thereof Defined Provisional Sums		168,191.75						
		UPS				Thereof Undefined Provisional Sums		571,482.50						
		PS				Provisional Sums		739,674.25						

BFB00112194 0016

## 2.08b Unapproved Changes

INTC	TCQ	Section	Activity	QS	Description	Assessment			Status			Working Estimate					Remarks		
						Proposed	Actual	Entered	Submitted	Not Approved	In principle agreed, but not approved	Not agreed	Review	Responsible	Comments by manager & rationale	Cost Planed %	Consortium Feb 74 %	O/H&P Margin	Margin Int%
100	0000	0000	0000		Instruction from CEC to design an alternative layout for Haymarket Junction	52,167.8	45,000.00	35,000.00	52,167.8			52,167.8	45,000.00	38,330.49		2,838.46	3,833.05	6.64%	
100	0000	0000	0000		Geogumbar Retaining Wall - CEC requesting change to finish of mewal	4,500.00	4,000.00	4,000.00	4,000.00			4,300.00	4,500.00	3,800.00		283.45	363.30	8.07%	
100	0000	0000	0000		Environmentally Friendly Lighting - CEC have requested using 42 pt lamp	11,009.7	11,000.00	11,000.00	11,009.7			11,000.00	10,000.00	10,000.00		930.32	1,017.16	8.52%	
100	0000	0000	0000		Contamination - fly tipping													no further action under this INTC Ref.	
100	0000	0000	0000		TNC/008 - Lindsey Road Retaining Wall Cost Estimate	1,147,782.7	1,147,782.7	1,147,782.7	1,147,782.7			1,147,782.7						no further action under this INTC Ref.	
100	0000	0000	0000	SKy	MUDFA to INFRA CO transfer of Utility Diversion Section 1A, 1B, 1C and 1D	5,000,000.0	2,500,000.00	150,000.00	5,000,000.0										
100	0000	0000	0000		Galford Street Crossing	9,241.73	9,000.00	8,000.00	9,000.00			9,000.00	9,000.00	7,888.10		567.29	655.00	8.52%	
100	0000	0000	0000		Change in alignment SGS Bellavista Walkshop Alterations													no further action under this INTC Ref.	
100	0000	0000	0000		Designing Russell Road retaining wall														
100	0000	0000	0000		Linday Road/Ocean Drive/Ocean Terminal/Tower Place Planning Permission														
100	0000	0000	0000		Hilton Hotel Full Planning	10,975.73	10,975.73	10,975.73	10,975.73			10,975.73							
100	0000	0000	0000		Additional Design Prior Approvals													no further action under this INTC Ref.	
100	0000	0000	0000		Shandwick Police/CEC preferential Treatment	2,893.91	2,750.00	2,500.00	2,893.91			2,893.91	2,750.00	2,750.00				75.5%	
100	0000	0000	0000		InfraCo Notification due to issue of SDS programme V32, V33, V34 and V5														
100	0000	0000	0000		InfraCo Notification due to issue of SDS programme V32, V33, V34 and V5														
100	0000	0000	0000		InfraCo Notification due to issue of SDS programme V32, V33, V34 and V5														
100	0000	0000	0000		InfraCo Notification due to issue of SDS programme V32, V33, V34 and V5														
100	0000	0000	0000		InfraCo Notification due to issue of SDS programme V32, V33, V34 and V5														
100	0000	0000	0000	GA	Section 5 C - Gyle Churchend/Gyle Close	2,000.00				2,000.00									
100	0000	0000	0000		IFC Drawing Changes - AB Underpass	100,170.00	100,170.00	100,170.00	100,170.00			100,170.00							
100	0000	0000	0000	GA	IFC Drawing Change Gyle Drive RTW	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00			1,000,000.00							
100	0000	0000	0000		IFC Drawing Change Gyle Green Road Retaining Wall	800,975.99			800,975.99			800,975.99							
100	0000	0000	0000		IFC Drawing Change Gyle Bankhead RTW	1,250,000.00	1,000,000.00	1,000,000.00	1,000,000.00			1,000,000.00							
100	0000	0000	0000		IFC Drawing Change Gyle Top RTW	230,994.6	200,000.00	175,000.00	230,994.6			230,994.6							
100	0000	0000	0000		IFC Drawing Change Murrayfield Underpass	134,298.71	100,000.00	100,000.00	134,298.71			134,298.71							
100	0000	0000	0000		IFC Drawing Change South Gyle Access Bridge	474,483.10	400,000.00	350,000.00	474,483.10			474,483.10							
100	0000	0000	0000		IFC Drawing Change Gyle Garthbridge	290,824.76			290,824.76			290,824.76							
100	0000	0000	0000	GA	IFC Drawing Change Russell Road bridge	126,346.0	75,000.0	75,000.0	126,346.0			126,346.0							
100	0000	0000	0000		IFC Drawing Change Roseburn Viaduct														
100	0000	0000	0000		IFC Drawing Change Carrickknows Bridge		71,757.37	71,757.3	299,548.2		71,757.37	299,548.2		22,889.25					CC issued w/o value - referred to Dispute Resolution Procedure
100	0000	0000	0000		IFC Drawing Water of Leith Bridge	274,729.3	200,000.00	100,000.00	274,729.3			274,729.3							
100	0000	0000	0000		Extra Demolition required re Russell Road Retaining wall														
100	0000	0000	0000	SKy	IFC Drawing Change Mith Walk/Sub Station	15,000.00	10,000.00	7,500.00	15,000.00			15,000.00							
100	0000	0000	0000		IFC Drawing Changes - AB Underpass														
100	0000	0000	0000		Urban Traffic Controls (ITC) associated with delivery of the alignment		1,500,000.00	1,250,000.00	1,100,000.00			1,100,000.00						Instruction of ProvSum - Current Value Just concerning Siemens	
100	0000	0000	0000		Delay in receipt of CEC prior appovals Sections 1A1 & 1A2														
100	0000	0000	0000		Forth Ports Agreement and Design Completion	55,641.9	40,000.00	30,000.00	55,641.9			55,641.9	40,000.00	30,000.00		3,437.16	4,000.00	8.07%	
100	0000	0000	0000		Requirement for Contractors License for Network Rail Related Works	1,138,898.3			1,138,898.35			1,138,898.35							
100	0000	0000	0000		Reviewed design by CEC prior to Section 1B													no further action under this INTC Ref.	
100	0000	0000	0000		Split Packages for Prior Approval - see in Terminato Portof Lath.	5,733.8			5,733.82			5,733.82						no further action under this INTC Ref.	
100	0000	0000	0000		CEC's Request for Extension of Time for Prior Approval 1.01a, 1.01b, 1.01c														
100	0000	0000	0000		Delay to Section 1B due to MUDFA not having completed fworks														
100	0000	0000	0000		GA	Lighting Columns required to be relocated at AB Underpass												no further action under this INTC Ref.	
100	0000	0000	0000		Balgene Road - Demolition of Railway Structure													no further action under this INTC Ref.	
100	0000	0000	0000		Sect. 1A1 and 1A2 - CEC's proposed amendments to rebuild-outs														
100	0000	0000	0000		Design the piled foundations to the Water of Leith Bridge	32,514.5	30,000.00	20,000.00	32,514.52			32,514.52	30,000.00	20,000.00		1,890.97	2,555.3	6.64%	
100	0000	0000	0000		Revised location of CLE poles in Section 1A1 at the request of CEC.		30,000.00	20,000.00	10,000.00			10,000.00		3,000.00		1,890.97	2,555.3	6.64%	
100	0000	0000	0000		Delay to issue of IFC Drawings for Christmas and Festival Suspensions - conflict of information													no further action under this INTC Ref.	
100	0000	0000	0000		CEC's intent to adopt private roads between Leachide Crescent and Avenue														
100	0000	0000	0000		Land shares as outlined in easement 101998/748689													no further action under this INTC Ref.	
100	0000	0000	0000		Additional work arising from CEC's additional comments on Section 5C														
100	0000	0000	0000		IFC Drawing Change Russell Road RTW's Wall4	4,573,008.3	1,451,857.00	1,451,857.00	4,573,008.3			4,573,008.3	1,451,857.00	1,451,857.00		3,173,379.36			
100	0000	0000	0000		IFC Drawing Change Russell Road RTW's Wall3	423,229.00	300,000.00	200,000.00	423,229.00			423,229.00							
100	0000	0000	0000		IFC Drawing Change Murrayflex Tiling Pitches	1,342,200.4	1,000,000.00	1,000,000.00	1,342,200.42			1,342,200.42							
100	0000	0000	0000		IFC Drawing Change Balgreen Road Underbridge	100,000.00	75,000.00	50,000.00	100,000.00			100,000.00							
100	0000	0000	0000		Removal and deposition of material from previous works section 7														
100	0000	0000	0000		IFC Drawing Changes S2 - Relevancy of Work														
100	0000	0000	0000	SKy	Excavate and replace existing DO material within existing utility trenches		1,000.00	1,000.00	1,055.98			1,055.98							
100	0000	0000	0000		IFC Drawing changes Vertical & horizontal Alignment Section 5 Sheets 1 to 26	5,000.00	4,000.00	3,000.00	5,000.00			5,000.00							
100	0000	0000	0000		IFC Drawing changes Soft Landscaping Section 5 sheets 1 to 26	243,353.7	200,000.00	175,000.00	243,353.70			243,353.70							

## 2.08b Unapproved Changes

INTC	TCQ	Section	Activity	QS	Description	Assessment			Status			Working Estimate					Remarks			
						Approved	Revised	Rejected	Submitted	Not submitted	In principle agreed, but not approved	Not agreed	Review	Budgeted	Actual	Cost Var.	Consortium Fee %	OH&P Margin	Margin Int.	
100	100	100	100	100	IFC Drawing changes OLE Section 5 sheets 11 to 13	1	1	1	1	1	1	1	1	1	1	-10	100.00%	100.00%	100.00%	
100	100	100	100	100	IFC Drawing changes Gogburn RTWA 15A, SBC 144D	1,394,270,000	250,000.00	14,118.57	1,145,619.56	141,188.57	1,000,000.00									
100	100	100	100	100	IFC Drawing changes Stop Edinburgh Park Saughton and South Gyle	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	
100	100	100	100	100	Provisional Sum - Private Crew Relief Facilities at Haymarket Station Victoria	100,000.00	115,000.00	103,592.00	115,000.00	103,592.00	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00	
100	100	100	100	GAH	IFC Drawing changes Edinburgh Park Bridge	282,667.7	243,000.00	200,000.00	282,667.76	282,667.7										
100	100	100	100	100	Delayed action under this INTC Ref.															
100	100	100	100	100	SOS	Haymarket Taxi Stand	26,661.54	25,000.00	22,500.00	26,661.54				26,661.54	25,000.00	21,294.72	1,575.81	2,129.47		
100	100	100	100	100	Delay Only	Delayed Issuance of IFC for Section 1A*														
100	100	100	100	100	Further Change to Waverley Clubhouse Building at Murrayfield	10,000.00	7,500.00	5,000.00	10,000.00	10,000.00										
100	100	100	100	100	Sky	Demolition and alteration of existing building at Cathedral Lane	2,409.52	1,500.00	1,000.00	2,409.52				2,409.52						
100	100	100	100	100	Traffic Modeling - Pedestrian Crossing Timings Standard	43,290.08	40,000.00	35,000.00	43,290.08	43,290.08	40,000.00	40,000.00	40,000.00	40,000.00	40,000.00	40,000.00	40,000.00	2,521.29		
100	100	100	100	100	Delever of BT tiles index (see section 100)															
100	100	100	100	100	Area - Tram Stop - Garage Area															
100	100	100	100	100	Delay Only	Mandatory Change - No instruction issued by the trigger date														
100	100	100	100	100	GAH	Reduced land available at Murrayfield as a result of Third Party Agreement	2,500.0			2,500.00										
100	100	100	100	100	SCEA	CECA requirement for a road closure at Roseburn Terrace	100,000.00			176,949.90				176,949.90						
100	100	100	100	100	Edinburgh Airport Tranship Creek	13,520.2	12,000.00	10,000.00	13,520.75	13,520.75	12,000.00	12,000.00	12,000.00	12,000.00	12,000.00	12,000.00	12,000.00	756.39	85.2%	
100	100	100	100	100	Sky	Delever of the Dual Carriageway Challenge 37A RIS														
100	100	100	100	100	Depot	■Hu Additional excavated material at Depot	3,258.81	3,258.84	3,258.84	3,258.84				3,258.84						
100	100	100	100	100	Contaminated Material Canicknowe	10,000.00	10,000.00	10,000.00	10,000.00				14,488.40							
100	100	100	100	100	Sky	Discovery of low Voltage Cable in Road Formation	450.00	450.00	450.00	450.00										
100	100	100	100	100	Sky	Discovery of Gas Main - Gas Pipeline RIS														
100	100	100	100	100	GAH	Little King Street Works required by CE due to the limits of Deviations	10,767.9	10,000.00	9,000.00	10,767.93				10,767.93	10,000.00	8,517.89	630.32	851.79	85.2%	
100	100	100	100	100	Cycle path near Gyle tramstop	12,146.2	12,000.00	10,000.00	12,146.2				12,146.2	10,000.00	8,517.89	630.32	851.79	85.2%		
100	100	100	100	100	Sky	Gogar Roundabout Lighting - Design Only Estimate	4,985.3	4,500.00	4,500.00	4,985.39				4,985.39	4,500.00	4,500.00	283.65	486.39	85.2%	
100	100	100	100	100	Sky	Gogar Roundabout Lighting - Full Estimate	500.00	500.00	500.00	145,277.43				145,277.43						
100	100	100	100	100	GAH	IFC Drawing changes - Gogburn bridge s22 and 22a	1,126,370.06	600,000.00	600,000.00	1,126,370.06										
100	100	100	100	100	GAH	IFC Drawing changes - Saughton Bridge	1,500,000.00	1,250,000.00	1,100,000.00	20,000.00				2,478,205.05						
100	100	100	100	100	GAH	IFC Drawing changes - Gogburn Culverts 1, 2 and 3	31,172.4			31,172.42				31,172.42						
100	100	100	100	100	GAH	IFC Drawing changes - Gogburn Depot	100,000.00	100,000.00	100,000.00	142,714.37				142,714.37						
100	100	100	100	100	Depot	Hard Landscaping	100,000.00	100,000.00	100,000.00	100,000.00				196,717.12						
100	100	100	100	100	Depot	Soil Nailing and Soil Reinforcement Works	100,000.00	100,000.00	100,000.00	100,000.00				458,788.59						
203g	100	100	100	100	Depot	Secondary Steeple	73,580.48			70,580.48				70,580.48						
100	100	100	100	100	Depot	Drainage - QD to FC Change		10,000.00						12,375.50						
100	100	100	100	100	Depot	Drainage - QD to FC Change	14,2714.37	10,000.00	100,000.00	142,714.37				142,714.37						
100	100	100	100	100	Depot	Cash call plus not shown in QDI	200,000.00							200,000.00						
100	100	100	100	100	Depot	Wheel Lathe and Jack Pits	10,000.0	7,500.0		10,000.00										
100	100	100	100	100	Depot	Wheel Lathe and Jack Pits	10,000.00	7,500.00		10,000.00										
100	100	100	100	100	GAH	IFC Issue drawings re: Installation of incoming gas main	60,000.00													
100	100	100	100	100	GAH	IFC Drawing changes - Roads , Streetlighting , Drainage Section 5	1,000,000.00	595,700	595,700	1,000,000.00				740,242.71						
100	100	100	100	100	GAH	IFC Drawing changes - Roads , Streetlighting , Drainage Section 5C	1,000,000.00	578,005.06	578,005.06	1,000,000.00				114,352.0						
100	100	100	100	100	GAH	IFC Drawing changes - Roads head/Tramstop	1,500.00			2,000.00				2,000.00						
100	100	100	100	100	GAH	Set out & works - Tram live along the tram alignment at Cavers 2														
100	100	100	100	100	SKy	Leth Walk Christmas Embargo	125,055.59	250,037.69		124,352.10	150,000.00			19,456.80	8,235.32	100.00%	100.00%	100.00%		
100	100	100	100	100	SKy	IFC Drawing changes - McDonald Road and Balfour Street Tram Stop	1,000.00													
100	100	100	100	100	SKy	IFC Drawing changes - Road , Lighting,Landscape and Drainage Sect. 1B	200,000.00	150,000.00		250,000.00										
100	100	100	100	100	SKy	IFC Drawing changes - Haymarket TramStop	2,000.00	1,500.00		2,000.00										
100	100	100	100	100	GAH	IFC Drawing changes - Roads , Street lighting,Landscape and Drainage	1,000.00	4,000.00	2,500.00	5,000.00				408,024.75						
100	100	100	100	100	GAH	IFC Drawing changes - Haymarket Station Substation	5,000.00	4,000.00	2,500.00	5,000.00										
100	100	100	100	100	SKy	Discovery of valves and a hydrant/tapping in the new kerb line - 120 RHS	109.65	109.65	109.65	109.65				227.39						
100	100	100	100	100	SKy	Discovery of plastic culvert - Change 109 RHS	2,000.00	2,000.00	2,000.00	2,000.00				2,016.79						
100	100	100	100	100	Depot	Discovery of Steel Perimeter cables - Change 99 RHS	500.00													
100	100	100	100	100	Depot	Operational Design Review of Depot - change/adding	31,010.5			31,010.52										
100	100	100	100	100	Depot	Operational Design Review of Haymarket - change/adding	22,500.00			30,000.00										

## 2.08b Unapproved Changes

INTC	TCQ	Section	Activity	QS	Assessment			Status			Working Estimate							Remarks	
					Approved	Assessed	Submitted	Time permitted	In principle agreed, but not approved	Not agreed	Approved	Budgeted (estimated, revised & actual)	Cost Var (%)	Consortium Fee %	Org B / Margin	Margin Int%			
1000	1000	1000	1000	1000	Release of bus stop outside ICQ at Princes Mkt	1000000	1000000	5,940.85		>940.85									
1000	1000	1000	1000	1000	TBA														
1000	1000	1000	1000	1000	SKy IFC Drawing Changes - Tower Bridge Structure	595,358.22	595,358.22			979,824.52									
1000	1000	1000	1000	1000	IFC Drawing Changes - Section 1C drainage	750,000.00	10,000.00	933,883.13											
1000	1000	1000	1000	1000	SSm IFC Drawing Changes - Set on IC road design	15,000.00	10,000.00	20,000.00											
1000	1000	1000	1000	1000	IFC Drawing Changes - Section 1C lighting layout	20,000.00	20,000.00	25,000.00											
1000	1000	1000	1000	1000	1000														
1000	1000	1000	1000	1000	Planning OHu Options for drainage/fallow consent at the A191#1	3,000.0	2,500.00	2,000.00	3,000.00									cons included in INTC234	
1000	1000	1000	1000	1000	Sky Additional Holes at CH145 - CH160 (Section 1)	400.00													
1000	1000	1000	1000	1000	SKy Removal and Reinstatement of BT Phone Box					8,257.44									
1000	1000	1000	1000	1000	Delay Only MUDFA has commenced works on Bankhead Dr preventing Infra progress														
1000	1000	1000	1000	1000	Building Flying Owner Agreements - Infra required due to Court Proceedings	17,193.23	17,193.00					14,545.00		1,063.73	1,454.50	85.2%			
1000	1000	1000	1000	1000	Notified Departure due to the issue of SDS Design programme V36.													no further action under this INTC-Ref.	
1000	1000	1000	1000	1000	Notified Departure due to the issue of SDS Design programme V37.														
1000	1000	1000	1000	1000	Notified Departure due to the issue of SDS Design programme V38.														
1000	1000	1000	1000	1000	Notified Departure due to the issue of SDS Design programme V39.														
1000	1000	1000	1000	1000	SKy Linn Walk Chipping IDB-350 add work carried out during "embargo" period	55,000.00	66,032.40			66,032.40									
1000	1000	1000	1000	1000	IFC Drawing Changes - Section 1C LE Layout	5,000.00				5,000.00									
1000	1000	1000	1000	1000	IFC Drawing Changes - Section 1C Track Horizontal Alignment	2,000.00	1,500.00												
1000	1000	1000	1000	1000	SSm IFC Drawing Changes - Section 1C Track Vertical Alignment	4,257.0	3,000.00			4,257.05									
1000	1000	1000	1000	1000	IFC Drawing Changes - Section 1C Traffic Management													no further action under this INTC-Ref.	
1000	1000	1000	1000	1000	Removal of others of manholes from central reserve on Princes Street														
1000	1000	1000	1000	1000	Adds new Rail Intersections Map - Chassis 444v1+60													no further action under this INTC-Ref.	
1000	1000	1000	1000	1000	FutureProofing on behalf of New Ingleton Ltd and Highland Properties Ltd	1,214,805.81	1,150,000.00												partly approved (see 2.08); figures here concerning not approved part
1000	1000	1000	1000	1000	SKy Reexcavating Control Box - Section 1B														
1000	1000	1000	1000	1000	SKy IFC Drawing Changes - Section 1B - Balfour Street Train Stop	2,500.00	2,000.00	1,500.00	2,500.00										
1000	1000	1000	1000	1000	IFC Drawing Changes - Section 5B - Track Drainage	1,250,000.00	1,440,422.16			1,440,422.16									
1000	1000	1000	1000	1000	SKy IFC Drawing Changes - Section 1A - Victoria Dock Bridge	5,000.00	4,000.00	2,500.00	5,000.00										
1000	1000	1000	1000	1000	tAR/C/D SKy IFC Drawing Changes - E artwork/R&G Arrangement - Section 1	5,000.00	4,000.00	2,500.00	5,000.00										
1000	1000	1000	1000	1000	GAn Accommodation Works Section 2A Access Retaining Wall	72,481.8	22,717.27	72,481.88		59,299.61	22,171.24			3,106.41	1,313.59	1,610.22			
1000	1000	1000	1000	1000	Carry out Scottish Water Diversion at Gogar Roundabout	102,170.00	60,000.00	39,537.38	102,170.00										
1000	1000	1000	1000	1000	Carry out Scottish Power Diversion at Gogar Roundabout	87,478.73	75,000.00			87,478.73									
1000	62/86	1000	1000	1000	R&S Tramstop - Estimated diversion LV Power and Water closing tram track		12,500.00		17,353.35		17,353.35	12,500.00	10,122.59	593.25	771.88	-0.0000	9.82%		
1000	1000	1000	1000	1000	EAL Tramstop - RAA Interface	6,823.29				5,000.00								8.52%	
1000	1000	1000	1000	1000	LS Design changes in the area between Princes Street and Newgate													no further action under this INTC-Ref.	
1000	1000	1000	1000	1000	Airport Tramstop Canopy in options		49,982.00	47,500.00	50,428.00		50,428.00	49,982.00	42,574.10		3,150.48	4,257.4	8.52%		
1000	1000	1000	1000	1000	Water Area Modelling Proposals														
1000	1000	1000	1000	1000	Changes to demand management requirements														
1000	1000	1000	1000	1000	SSm Revised proposal for Catherdalan Lane Substation					250,000.00									
1000	1000	1000	1000	1000	GAn Request for Instruction (ideal with Japanese Knowledge) - Refining Wall W4		20,000.00	15,000.00	24,282.78		24,292.78								
1000	1000	1000	1000	1000	Edinburgh Park Bridge (S27) - Pier 3 Base Formation														
1000	1000	1000	1000	1000	Russell Road Retaining Wall 14 - Options Report	5,000.00	3,000.00	3,000.00											
1000	1000	1000	1000	1000	Notified Departure due to the issue of SDS Design programme V40														
1000	1000	1000	1000	1000	Princes Street - Change to specification - full depth re-construction														
1000	1000	1000	1000	1000	Fife Ports Traffic Signal - Section 1A4 - Widened Crossing required		8,500.00	7,500.00		9,577.29	8,500.00		520.78	724.02	8.52%				
1000	1000	1000	1000	1000	Princes Road Rail Infrastructure													C0 issued without financial effect	
1000	1000	1000	1000	1000	SKy Cycleway change at Hawthornmead - Section 1B1	41,557.25	35,000.00	30,000.00	41,557.25									not concerning B/L/K/SDS	
1000	1000	1000	1000	1000	CAC - All Supply													not concerning B/L/K/SDS	
1000	1000	1000	1000	1000	SKy Additional Ramp / Steps at Lindsay Road Retaining Wall - Section 1A4														
1000	1000	1000	1000	1000	IFC Drawing changes - Edinburgh Parkbridge (Piers bearing)													no further action under this INTC-Ref.	
1000	1000	1000	1000	1000	Network Rail's requirement for CAT 3 checking							250,000.00							
21/40	1000	1000	1000	1000	SKy Devolving statutory route from Princes Street to George Street / Queen Street														
1000	1000	1000	1000	1000	GAn Protection of Utilities at Russell Road Bridge during construction	5,000.00				5,000.00									
1000	1000	1000	1000	1000	Provisional Survey Extra Over for Shetland/High Juncations													partly approved (see 2.08); figures here concerning not approved part	
1000	1000	1000	1000	1000	Drayton Tunnel - Insufficient ground cover														
1000	1000	1000	1000	1000	Insufficient ground structure (Earthworks) - Insufficient ground cover	10,000.00	7,500.00	5,000.00	10,000.00										
1000	1000	1000	1000	1000	Gogar Landfill Scottish Water Utility Diversion	23,194.5	20,000.00		23,194.56										no further action under this INTC-Ref.
1000	1000	1000	1000	1000	SKy IFC Drawing Changes - Section 1A - Drainage	10,000.00				10,000.00									
1000	1000	1000	1000	1000	SKy IFC Drawing Changes - Leith Walk	5,000.00													
1000	1000	1000	1000	1000	IFC Drawing Changes - Section 7 Soft Landscaping	143,050.94	500,000.00	400,000.00	643,050.94					342,593.30					
1000	1000	1000	1000	1000	IFC Drawing Changes - Track Vertical and Horizontal Alignment														
1000	1000	1000	1000	1000	IFC Drawing Changes - Drainage - Gogarburn Airport	1,350,977.74				1,350,977.74									
1000	1000	1000	1000	1000	Princes Street IFC Drawing Change		150,000.00					200,000.00							
1000	1000	1000	1000	1000	Earthworks Quarterly variances below IFC Trackwork Drawings and MX Data														
1000	1000	1000	1000	1000	IFC Drawing changes - Gogarburn Retaining 4/48													no further action under this INTC-Ref.	

## 2.08b Unapproved Changes

## 2.08b Unapproved Changes

INTC	TCO	Section	Activity	QS	Description	Assessment			Status			Working Estimate					Remarks		
						Revised	Original	Entered	Submitted	In principle agreed, but not approved	Not agreed	Responsible	Budgeted	Actual	Cost %	Consortium Fee %	O&P Margin		
100	ALL				Addition of starter and capping layers in Section 5C	700,000.00	628,549.76	895,255.31			266,715.55								
100	ALL			GA	Section 5C - Driveway Ditches	-5,573.6			5,573.66		-5,573.66								
100	ALL	Sky			Additional Retaining Wall at Tower Bridge Pumping Station	6,756.54	3,000.00	4,000.00											
100	ALL	GA			Gogar Deep Earthworks - Northern Boundary Drainage Design		7,500.00	5,000.00											
100	ALL				IFC Changes - Ductwork Specification	225,000.00	200,000.00												
100	ALL				(CVS28-004)														
100	ALL	Planning			IFC Drawing Changes - Trackline														
100	ALL	DEME			Depot Floor Pits for manual bogie turntable	8,914.16	8,914.16	8,914.16		8,914.16						561.68	759.30		
100	ALL	DEME			Depot Floor Pits for manual bogie turntable	10,085.82	11,085.82	8,085.82											
100	ALL	GA			GA: Samples and ballast to embankments between Russell Road & Water of Leith													partly approved (see 2.08a); figures here concerning not approved portion	
100	ALL	Design			Depot Pumping Station, manhole and ring main	22,012.14	22,012.44	55,023.59		22,012.44	43,011.25								no further action under this INTC Ref.
100	ALL			GA	Carriageway of 4-lane vehicle site Ref. 1C/EDEN/1694														
100	ALL	Planning			AA: Dualing Future Proofing (Eastfield Avenue)	96,431.00	80,000.00	65,000.00	13,982.34	62,448.68								no further action under this INTC Ref.	
100	ALL				Russell Road RTW - Site Investigation for extent of contaminated material														
100	ALL	Sky			Lain Walk Overlay System	40,000.00			51,917.50		51,917.50								
100	ALL				Reinstatement													no further action under this INTC Ref.	
100	ALL	DEME			Remove Soft Material from Sub Grade of Depot Access Road	38,804.1	33,000.00	33,000.00	36,804.03				25,000.00	30,000.00	3,502.83	1,481.18	1,149.00	TEMP	
100	ALL	Planning			Revised IFC HRL Drawings Section 7								25,000.00						
100	ALL				Revisions to IFC drawings - Water of Leith Bridge													no further action under this INTC Ref.	
100	ALL				Issue of MUDFA Programme Revision B - EOT2													no further action under this INTC Ref.	
100	ALL	Stations			GA: Additional width lighting at Haymarket Station Car Park													no further action under this INTC Ref.	
100	ALL	ALL			Strengthening BT ducts at Anderston	4,069.98			4,069.98		4,069.98							partly approved (see 2.08a); figures here concerning not approved portion	
100	ALL	Stations			GA: Traffic management at Vesty House Access Road								10,841.52					no further action under this INTC Ref.	
100	ALL				George Street Emergency road closure	1,516.3	1,250.00	1,000.00	1,516.30				1,516.30						
100	ALL				Traffic Management for MUDFA works													no further action under this INTC Ref.	
100	ALL				Lothian Road pedestrian disruption	8,640.25	8,000.00	5,000.00	8,640.25				8,640.25						
100	ALL	ALL			Reinstatement of Bus Stop at Lothian Road junction	50,000.00	30,000.00	30,000.00			50,000.00								
100	ALL				75,000.00						75,000.00								
100	ALL	Sky			Track Drainage - Section 5A	71,938.55	60,000.00	50,000.00	71,938.55				71,938.55						
100	ALL				Notified Departure due to the issue of SDS Design programme V44														
100	ALL				Notified Departure due to the issue of SDS Design programme V4.5														
100	ALL				Notified Departure due to the issue of SDS Design programme V46														
100	ALL				Reinstatement of Bus Junction Landscaping													no further action under this INTC Ref.	
100	ALL	SSm			Revised OLE location due to ScotRail Power - Princes St/Lothian 121395	3,000.03	2,000.00	1,500.00		3,000.00									
100	ALL				Change to street lighting at Haymarket Terrace								3,000.00						
100	ALL	GA			GA: Reinstatement of Bus Link								802.54					CO Value not issued to be paid on Demonstrable Cost Basis	
100	ALL	Planning			GRANFIA: Burdened load Alignment	5,977.57	6,500.00	6,000.00	5,977.57				6,977.5						
100	ALL				Stage D Drawings for Tram Stop								55,721.56						
100	ALL				Works On/Off Entry/Exit Point													no concerning 2 UK SDS	
100	ALL				SB: Drainage to Guide (Sway) (L)														
100	ALL				Alteration of traffic management at Lothian Road junction														
100	ALL				Pre-consultation stage Geol. to guide and aligning H.P. Central												no further action under this INTC Ref.		
100	ALL	GA			Reuse of existing kerbs	20,000.00	15,000.00	10,000.00		20,000.00								not concerning 2 UK SDS	
100	ALL				Edinburgh Park Bridge - Revision of stormwater drainage to parapets														
100	ALL				TRO changes - informal consultation														
100	ALL				TRO changes - informal consultation - Impact on IFC Drawing 11a/11b														
100	ALL	Sky			Forth Ports Substation - redesign	49,000.00	30,000.00	10,000.00											
100	ALL				Network Rail turning head lighting								10,000.00						
100	ALL	Sky			Forth Ports design approval								16,500.00						

## 2.08b Unapproved Changes

Page 22

### 2.09 Payment Status

PROGRESS		INVOICE						PAYMENT					
PERIOD	PROGRESS	No.	Application	Invoiced (Accepted)	Variance Certified	ADVANCE PAYMENT %	RETENTION MONEY %	OTHERS %	TOTAL	DU DATE	RECEIVED ON	excluding VAT	REMARKS
<b>Actual Performance</b>													
1	MONTH	500,000		21,389,899	19,100,000	-2,289,899	0	0	19,100,000	30/06/2008		0	
May-08	ACCUM	500,000		21,389,899	19,100,000	-2,289,899			19,100,000			0	
2	MONTH	1,052,000		2,414,100	2,289,899	-124,201	0	0	2,289,899	15/07/2008	04/06/2008	19,100,000	
Jun-08	ACCUM	1,552,000		23,803,998	21,389,899	-2,414,100			21,389,899			19,100,000	
3	MONTH	-1,552,000		-23,803,998	-21,389,899	2,414,100	0	0	-21,389,899	11/08/2008	04/07/2008	2,289,899	
									0			21,389,899	
4	MONTH	4,348,256		26,720,722	25,784,259	-936,463	0	0	25,784,259	11/09/2008	01/08/2008	4,394,360	
Aug-08	ACCUM	4,348,256		26,720,722	25,784,259	-936,463			25,784,259			25,784,259	
5	MONTH	1,046,633		971,518	739,994	-231,525	0	0	739,994	08/10/2008	29/09/2008	739,994	
Sep-08	ACCUM	5,394,889		27,692,240	26,524,252	-1,167,988			26,524,252			26,524,252	
6	MONTH	3,339,638		705,826	809,079	103,253	0	0	809,079	14/11/2008	31/10/2008	809,079	
Oct-08	ACCUM	8,734,527		28,398,066	27,333,331	-1,064,735			27,333,331			27,333,331	
7	MONTH	1,724,602		1,584,058	625,106	-958,953	0	0	625,106	22/12/2008		0	
Nov-08	ACCUM	10,459,129		29,982,124	27,958,437	-2,023,688			27,958,437			27,333,331	
8	MONTH	2,480,873		5,108,480	1,116,659	-3,991,821	0	0	1,116,659	22/01/2009	08/12/2008	1,741,764	
Dec-08	ACCUM	12,940,002		35,090,604	29,075,095	-6,015,509			29,075,095	23/12/2008		29,075,095	
9	MONTH	584,252		5,960,121	1,858,032	-4,102,089	0	0	1,858,032	02/03/2009	30/01/2009	1,858,032	
Jan-09	ACCUM	13,524,254		41,050,724	30,933,127	-10,117,597			30,933,127			30,933,127	
10	MONTH	1,739,311		0	1,288,964	1,288,964	0	0	1,288,964	19/03/2009		0	
Feb-09	ACCUM	15,263,565		41,050,724	32,222,091	-8,828,633			32,222,091			30,933,127	
11	MONTH	1,578,820		0	3,532,588	3,532,588	0	0	3,532,588	03/04 &	04/03/2009	2,979,868	
Mar-09	ACCUM	16,842,385		41,050,724	35,754,680	-5,296,045			35,754,680	17/04/2009	17/03/2009	33,912,994	
12	MONTH	3,034,909		2,429,613	2,227,854	-201,759	0	0	2,227,854	14/05/2009	14/04/2009	1,841,685	
Apr-09	ACCUM	19,877,294		43,480,338	37,982,534	-5,497,804			37,982,534			35,754,680	
13	MONTH	2,268,403		3,383,746	0	-3,383,746	0	0	0	05/06/2009	11/05/2009	2,227,854	
May-09	ACCUM	22,145,697		46,864,083	37,982,534	-8,881,549			37,982,534			37,982,534	
14	MONTH	2,048,589		4,050,740	2,264,088	-1,786,652	0	0	2,264,088	02/07/2009	03/06/2009	2,264,088	
Jun-09	ACCUM	24,194,286		50,914,824	40,246,623	-10,668,201			40,246,623			40,246,623	
15	MONTH	1,531,274		6,303,137	7,760,338	1,457,200	0	0	7,760,338	27/07/2009	02/07/2009	4,560,338	
Jul-09	ACCUM	25,725,560		57,217,961	48,006,960	-9,211,001			48,006,960	05/08/2009	28/07/2009	44,806,960	
16	MONTH	6,312,045		2,177,338	3,020,906	843,567	0	0	3,020,906	25/08/2009	05/08/2009	6,220,906	
Aug-09	ACCUM	32,037,605		59,395,299	51,027,866	-8,367,434			51,027,866			51,027,866	
17	MONTH	3,782,691		2,666,077	2,400,346	-265,731	0	0	2,400,346	25/09/2009		2,400,346	
Sep-09	ACCUM	35,820,296		62,061,377	53,428,212	-8,633,165			53,428,212			53,428,212	
18	MONTH	3,930,846		5,478,014	5,379,520	-98,494	0	0	5,379,520	12/11/2009	27/10/2009	2,194,682	
Oct-09	ACCUM	39,751,142		67,539,390	58,807,732	-8,731,659			58,807,732			55,622,894	
19	MONTH	7,287,813		0	4,173,384	4,173,384	0	0	4,173,384	11/12/2009	11/11/2009	3,184,837	
Nov-09	ACCUM	47,038,955		67,539,390	62,981,116	-4,558,274			62,981,116			58,807,732	
20	MONTH	3,634,709		6,183,662	2,737,744	-3,445,918	0	0	2,737,744			4,173,384	
Dec-09	ACCUM	50,673,664		73,723,052	65,718,860	-8,004,192			65,718,860	11/12/2009	11/12/2009	62,981,116	
21	MONTH	-50,673,664		-73,723,052	-65,718,860	8,004,192	0	0	-65,718,860			-62,981,116	
Jan-10	ACCUM	0		0	0	0			0			0	
												62,981,116	
												(w/o Advance Payment)	
												(with Advance Payment)	

## 2.11 Monthly Report on Quality Management

### 1. Audits

#### 1.1 Internal Audits

Audit-No	Date	NCRs raised	NCRs Closed-Out	%	Corrective Actions
25.1.201/AS2009/01 (Construction)	29/01/2009	0	0	0%	
25.1.201/AS2009/02 (Design)	02/03/2009	4	4	100%	All closed-out
25.1.201/AS2009/03 (Procurement)	17/03/2009	3	3	100%	All closed-out
25.1.201/AS2009/04 (Doc Control)	29/04/2009	0	0	100%	All closed-out

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

Audit-No	Date	NCRs raised	NCRs Closed-Out	%	Corrective Actions
TQA-08-17 (Design Safety Assurance)	15/01/2009	4	4	100%	All closed-out
TSA-09-01 (System Eng / Integration)	28/08/2009	4	2	50%	
TSA-09-03 (Design Assurance Process)	01/10/2009	3	1	33%	1 Observation
TSA-09-02 (Design Assurance - Tram)	18/11/2009	0	0	0%	1 Observation

### 2. Inspection and Testing

Section	ITPs				Non-Audit NCRs				
	Planned	In-Production	Completed	% Comp'd	Raised		Closed out		
IA	122	0	0	0%	1	0	0	0	0%
1B					0	0	0	0	0%
1C	13	12	0	0%	5	1	2	1	40%
1D	14	14	0	0%	5	2	0	0	0%
2					4	0	3	0	75%
5A					0	0	0	0	0%
5B	14	3	1	7%	10	1	4	0	40%
5C	6	0	0	0%	1	0	1	0	100%
6	27	6	0	0%	12	4	8	1	67%
7	68	10	10	15%	4	1	3	1	75%
System NCRs (non-audit)					18	4	11	1	61%
Cancelled					3	0	3	0	100%

### 3. Further quality-related events during this month

(please describe shortly)

The BSC Consortium & BB Quality Manager Douglas Ross left the Project/Bilfinger on the 08th January 2010 and will be replaced by early February 2010. All 17 BB ITPs reviewed by tie are now 'Level A – No Objection status', whilst another 2 (from Barr) are currently in preparation. Siemens (BAM) ITP for Track Installation is 'Level B' status and the ITP for 'OLE Pole Erection' is currently being reviewed by tie. Various 'ITP Packaging Readiness Workshops for Princess Street Works' and lessons learned meetings were held during December 2010. These will be followed up with a BSC internal ITP Packaging Readiness audit on the 08th January 2010 and a joint audit with tie on the 15th January 2010. Discussions are ongoing with tie and CEC regarding introducing a three tier 'Work Site Completion Certificate' process: Interim certificate - to say works site handed over with safety concerns met; Certificate for once snagging completed since handover; and Final certificate for completion of all works. tie cancelled their scheduled 'Gogar Depot Drainage Audit' on BSC/Barr due on 07th January 2010 at Barr's on-site offices. The audit will be re-scheduled. tie are scheduled to carry out a 'Design Assurance, System Integration & Best Value Audit' on BSC on the 18th January 2010 under the terms of Contract clause '104 Information & Audit Access'. tie were scheduled to carry out an 'M&E Design Assurance Process Audit' on BSC on the 28th January 2010, but this has now been postponed and replaced with a 'Design Assurance, System Integration & Best Value Audit' on the same date.

Project: Edinburgh Tram Network

**BILFINGER** | **BERGER**  
Civil

as per: 31/12/2009

## 2.12 Safety Information System - SIS

Return to OHS by 10th of following month

UHS email:

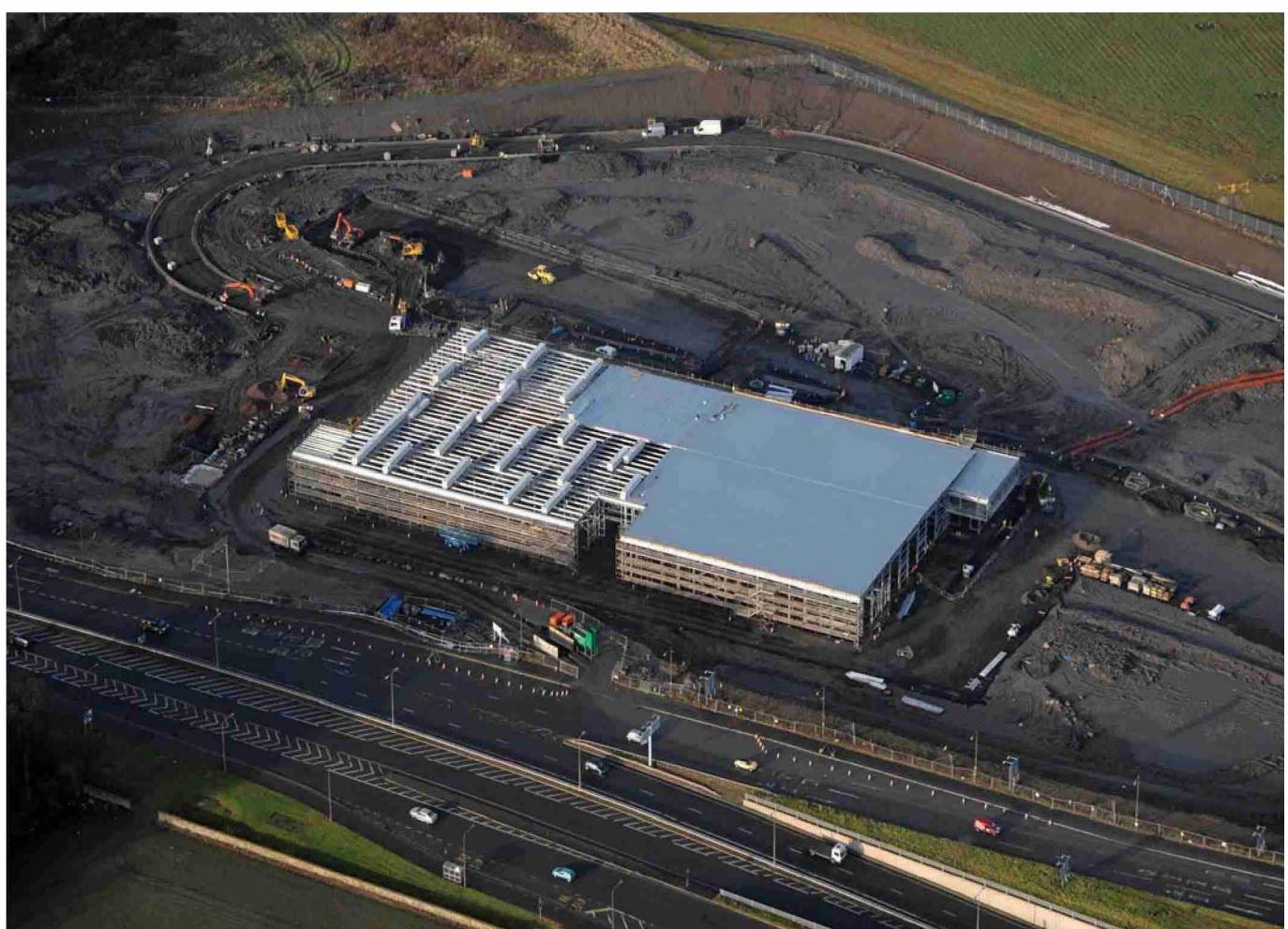
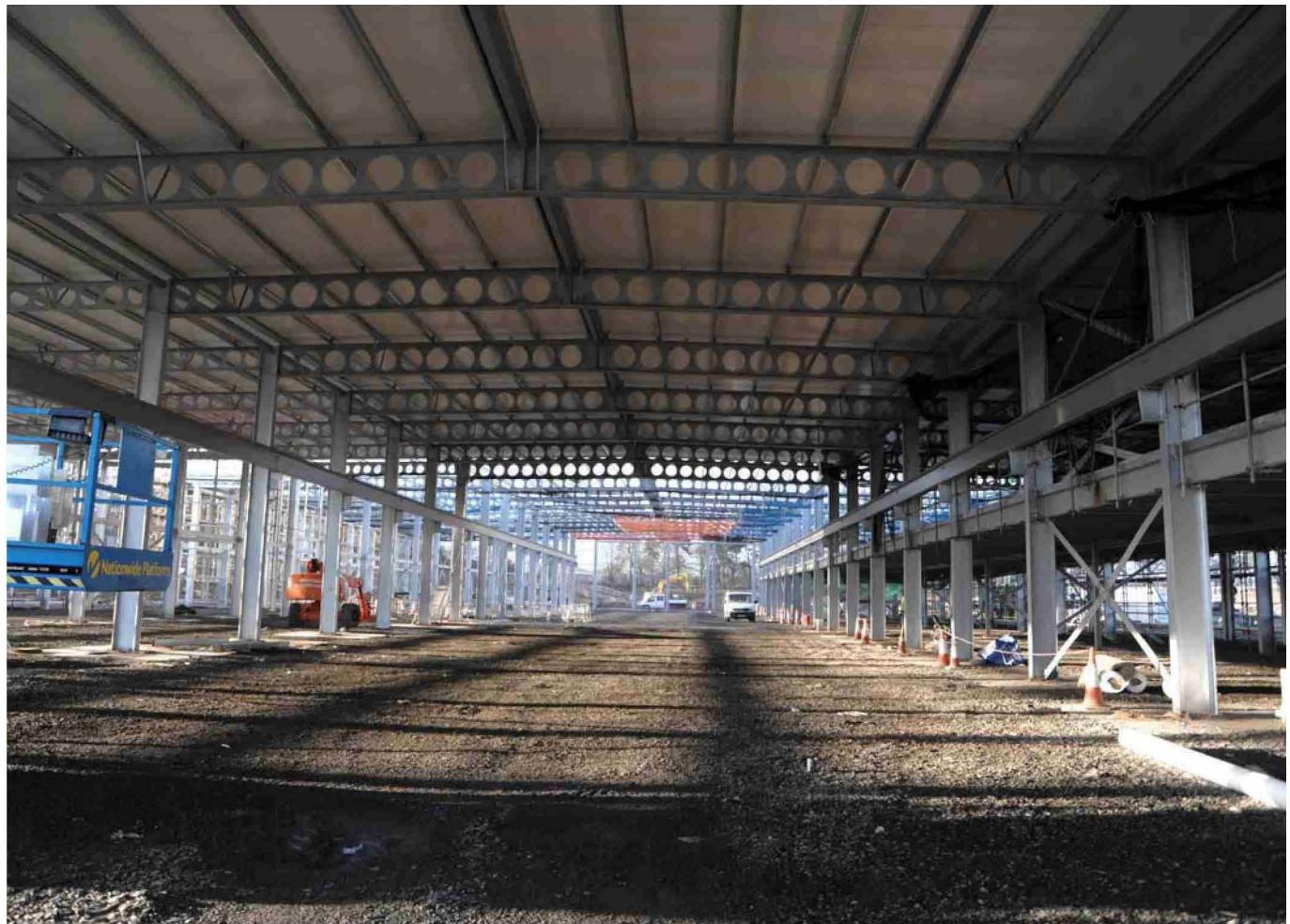
UHS fax 0049 (0)611  
7100

1. Include average number of BB staff, site foremen, working the month.
  2. Hours should be included if known or multiply number of staff by monthly hours worked on job.
  3. Subcontractor numbers should be estimated if no exact figure known. Average part time.
  4. Do not leave boxes blank; make an estimate.
  - If Return To Work (RTW) date has not yet
    5. These figures are for BBB Group use, separate return should be made to Bevinco or
    6. All lost time or subsequent developments refer back to the month when the injury occurred.
  7. Counting for 3D+ accidents include weekends but do not count workdays on days off.

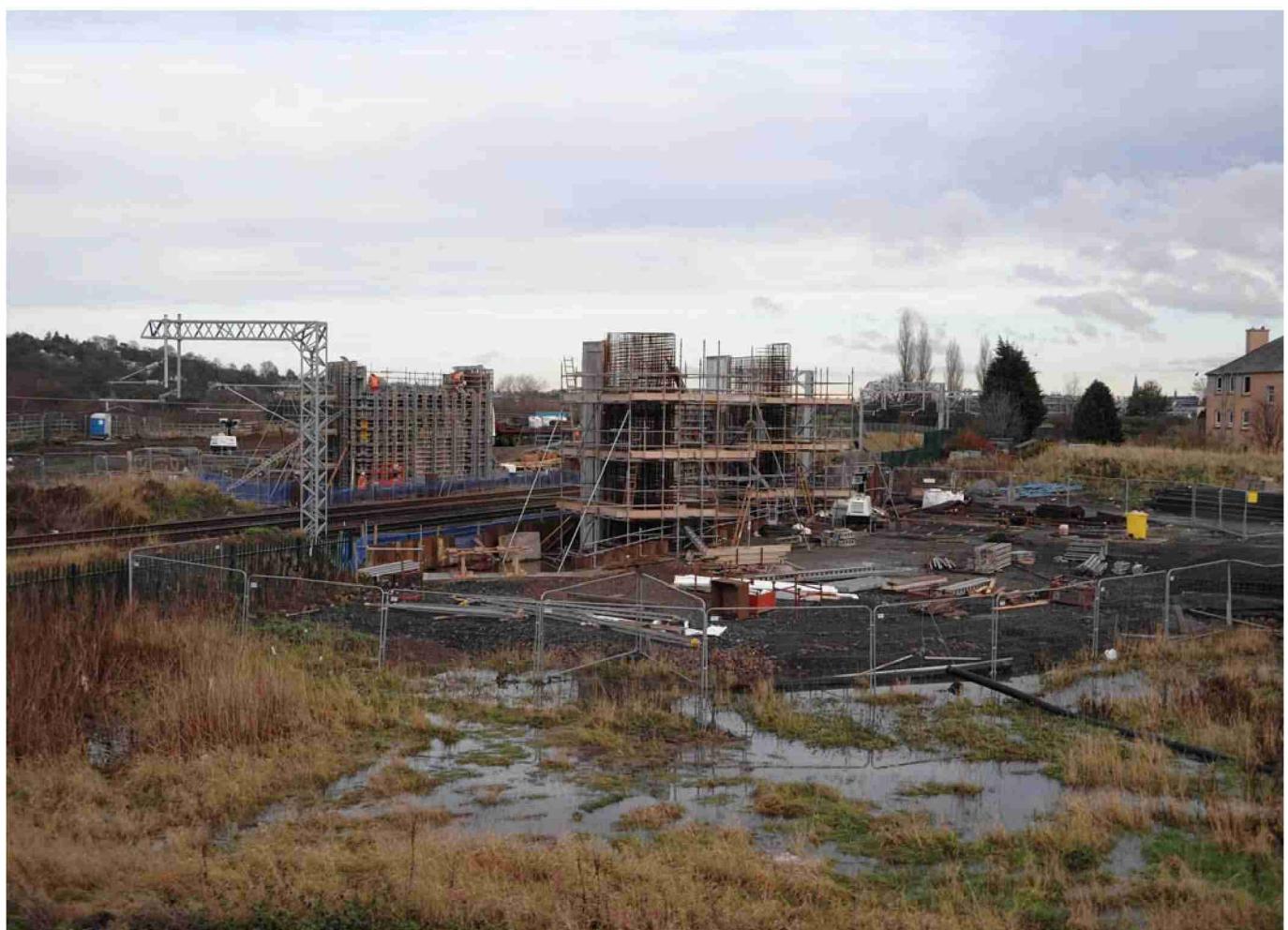
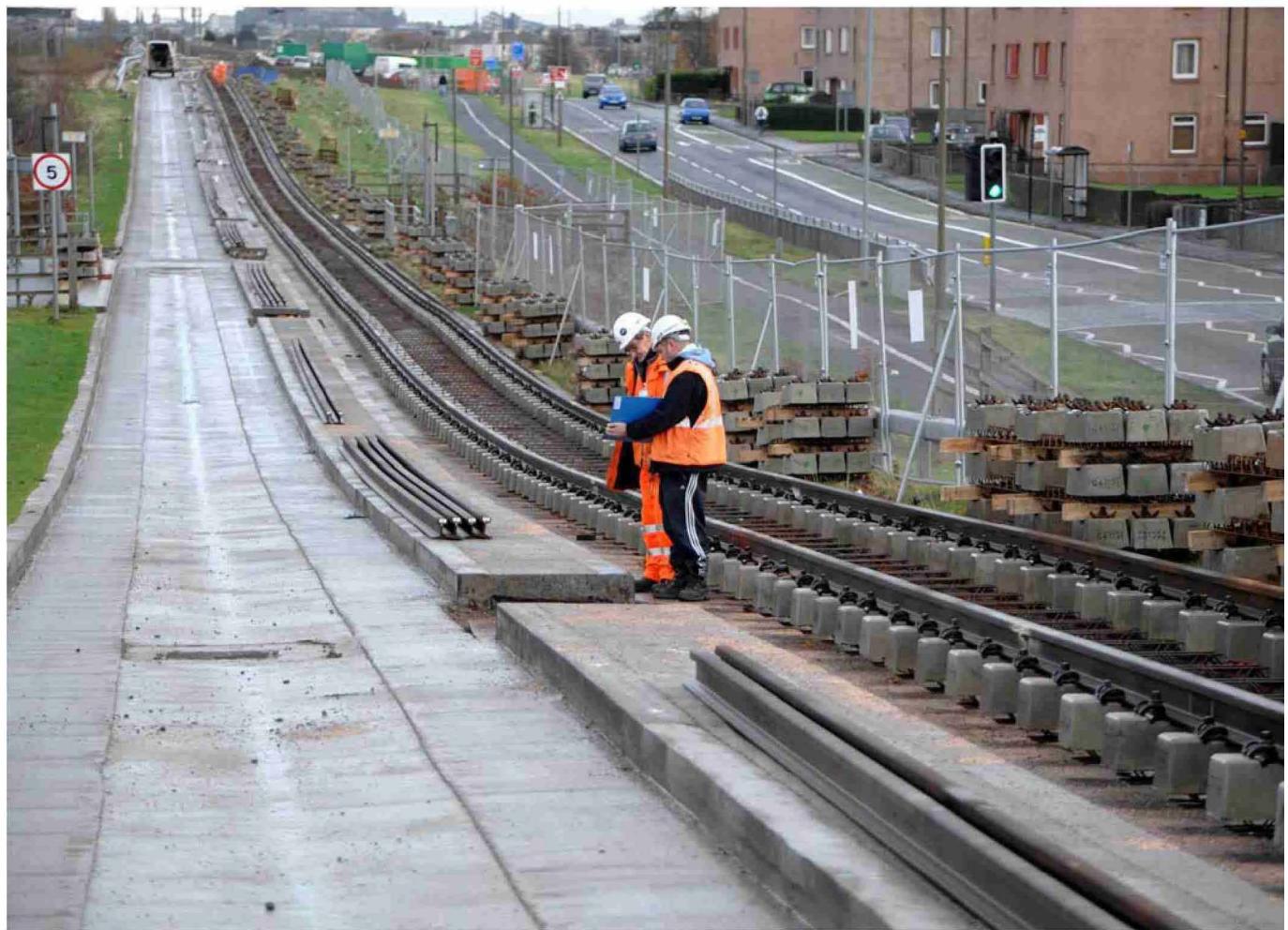
## 2.13 Project Photographs

see following pages

Picture 01	Section 6	Depot Building
Picture 02	Section 6	Depot Building and Area
Picture 03	Section 5	Edinburgh Park Station Bridge
Picture 04	Section 5	Trackworks Guided Busway
Picture 05	Section 5	Trackworks Guided Busway
Picture 06	Section 5	Carrick Knowe Bridge South Abutment
Picture 07	Section 5	Carrick Knowe Bridge North & South Abutment
Picture 08	Section 1	Opened Princes Street









## 3.01 Overview Movements of Contingencies

Estimated Risks from Top Sheet (Unqualified Risk Register)		estimated	dissolved	remaining
		GBP	GBP	GBP
01.	Add. Insurances acc. CL. 76.17	10,000		10,000
02.	Liquidated Damages	464,000		464,000
03.	Interface with Railway Authorities	25,000		25,000
04.	Uninsured Economic Losses	132,500		132,500
05.	Delayed Start Of Construction Works	360,000		360,000
06.	Firm items In Value Engineering	279,500		279,500
07.	Quantity Risk Adjusted in Job Estimate 09/2008	1,000,000	292,824	707,176
08.	Corderoy's Quantities For Pavements in Sect. 5	389,000		389,000
09.	CEC Planning	25,000		25,000
10.	Road Safety Audit	250,000		250,000
11.	Network Rail	75,000		75,000
12.	Edinburgh Park	37,500		37,500
13.	Forth Ports	5,000		5,000
14.	HMRI	25,000		25,000
15.	Rails Drainage, Connections to existing drainage	70,000		70,000
16.	Tramstop	71,500		71,500
17.	Bonding and Earthing Not Priced	14,500		14,500
18.	Obstructions / Boulders (Piling And Anchoring)	30,000		30,000
19.	Settlement / Consolidation	20,000		20,000
20.	Soil Stabilization For Traffic on Embankments	100,000		100,000
21.	Reconstruction In Full Depth Of Pavement 1B	197,500		197,500
22.	Labour	40,000		40,000
23.	Staff	40,000		40,000
24.	Performance Of Utility Companies	5,000		5,000
25.	Ecology	1,000		1,000
26.	Pollution	2,000		2,000
27.	Changes In Law	30,000		30,000
28.	Legal Support	100,000		100,000
29.	Value Engineering	200,000		200,000
30.	Interpretation Of Code Of Construction Practice	100,000		100,000
31.	Siemens/BB Scope Split	500,000		500,000
total Estimated Risks from Top Sheet (Unqualified Risk Register)		4,599,000	292,824	4,306,176
<b>Estimated Opportunities from Top Sheet (Unqualified Risk Register)</b>				
32.	Changes in Employers Requirements	-100,000		-100,000
33.	Package Contractors Interface	-10,000		-10,000
total Estimated Opportunities from Top Sheet (Unqualified Risk Register)		-110,000	0	-110,000
<b>Additional Estimated Risks</b>				
34.	Interface Systems & Civils	1,000,000	0	1,000,000
total Additional Estimated Risks		1,000,000	0	1,000,000
<b>Estimated Escalations</b>				
35.	Escalation - Farrans Adjusted in Job Estimate 11/2008	483,046	483,046	0
36.	Escalation total Adjusted in Job Estimate 08/2009	4,388,294	942,000	3,446,294
37.	Enhanced Labour Rate	294,000		294,000
total Additional Estimated Escalations		5,165,340	1,425,046	3,740,294
<b>Contingencies released</b>				
38.	Overall Adjusted in Job Estimate 10/2009	0	3,916,682	-3,916,682
total Additional Estimated Escalations		0	3,916,682	-3,916,682
		total	10,654,340	5,634,552
				5,019,788

	Project: Edinburgh Tram Network as per: 31/12/2009											BILFINGER BERGER Civil
3.02 Design - Drawing Status												
No.	Description Status acc. Sections	Sections							Phase		Total	
		SW	1	2	3	5	6	7	1a incl. SW	1b excl. SW		
<b>Original SDS Design:</b>												
1	Draft, to be issued for construction	2	6	3	68	0	0	2	13	68	81	
2	Issued for External Approval (IEFA), to be IFC	2	34	3	129	15	2	2	58	129	187	
3	Issued for Construction (IFC)	18	255	76	261	425	40	119	933	261	1194	
4	Partially agreed for Construction (PAFC)	7	207	29	0	57	0	0	300	0	300	
5	Agreed for Construction (AFC)	0	0	0	0	0	0	0	0	0	0	
6	For As-Built Info Incorporation	0	0	0	0	0	0	0	0	0	0	
7	As Built	0	0	0	0	0	0	0	0	0	0	
8	Hand over	0	0	0	0	0	0	0	0	0	0	
9	Withdrawn	0	1	4	0	1	0	0	6	0	6	
10	Not to be IFC	234	153	14	87	102	14	43	560	87	647	
11	IEFA, but not to be IFC	96	64	8	41	49	22	22	261	41	302	
<b>New Design for Change Order:</b>												
21	Draft, to be issued for construction	76	71	4	0	98	8	27	284	0	284	
22	Issued for External Approval (IEFA), to be IFC	14	0	2	0	59	0	3	78	0	78	
23	Issued for Construction (IFC)	9	29	6	0	45	18	9	116	0	116	
25	Agreed for Construction (AFC)	0	0	0	0	0	0	0	0	0	0	
26	For As-Built Info Incorporation	0	0	0	0	0	0	0	0	0	0	
27	As Built	0	0	0	0	0	0	0	0	0	0	
28	Hand over	0	0	0	0	0	0	0	0	0	0	
30	Not to be IFC	1	0	0	0	4	0	3	8	0	8	
31	IEFA, but not to be IFC	0	22	0	0	1	1	0	24	0	24	
<b>Existing Design subjected to revisions for Change Order:</b>												
41	Draft, to be rev. for CO	9	19	5	0	19	9	3	64	0	64	
42	IEFA, to be rev. for CO	24	42	2	0	11	6	7	92	0	92	
43	IFC, to be rev. for CO	29	303	34	0	282	190	71	909	0	909	
44	Draft, revised for COs	0	0	0	0	0	0	0	0	0	0	
45	IEFA, revised for COs	0	0	0	0	0	0	0	0	0	0	
46	IFC, revised for COs	0	0	0	0	0	0	0	0	0	0	
50	Draft, withdrawn for CO	45	0	0	0	1	0	5	51	0	51	
51	IEFA, withdrawn for CO	131	6	5	0	0	0	0	142	0	142	
52	IFC, withdrawn for CO	0	11	1	0	39	3	0	54	0	54	
Total (1~3+5~52)		690	1016	167	586	1151	313	316	3653	586	4239	
<b>Part of Original SDS Design still scheduled IFC:</b>												
Issued for Construction (3+5~8+43+46)												
47	558	110	261	707	230	190	1842	261	2103			
Total Issue for Construction (1~3+5~8+41~46)	84	659	123	458	752	247	204	2069	458	2527		
Percentage of Completion IFC	56.0%	84.7%	89.4%	57.0%	94.0%	93.1%	93.1%	89.0%	57.0%	83.2%		
<b>Original SDS Design:</b>												
Issued for Construction (3+5~8+43+46+52)												
47	569	111	261	746	233	190	1896	261	2157			
Total Issue for Construction (1~3+5~8+41~46+50~52)	260	676	129	458	792	250	209	2316	458	2774		
Percentage of Completion IFC	18.1%	84.2%	86.0%	57.0%	94.2%	93.2%	90.9%	81.9%	57.0%	77.8%		
<b>SDS Design incl. Change Orders:</b>												
IFC incl. new Issues for CO (3+5~8+23~28+43+46)												
27	284	82	261	470	58	128	1049	261	1310			
Total IFC incl. new Issues for CO (1~3+5~8+21~28+41~46)	183	759	135	458	954	273	243	2547	458	3005		
Percentage of Completion IFC	14.8%	37.4%	60.7%	57.0%	49.3%	21.2%	52.7%	41.2%	57.0%	43.6%		