



BiLFINGER Bilfinger Construction GmbH

EDINBURGH TRAM NETWORK

Monthly Project Report November 2012



Monthly Report Major Projects

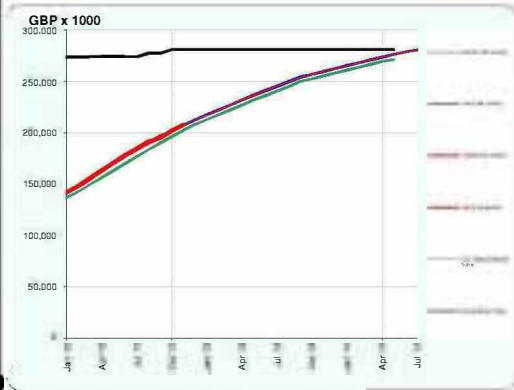
Project: Edinburgh Tram Network

Reporting Period: November 2012

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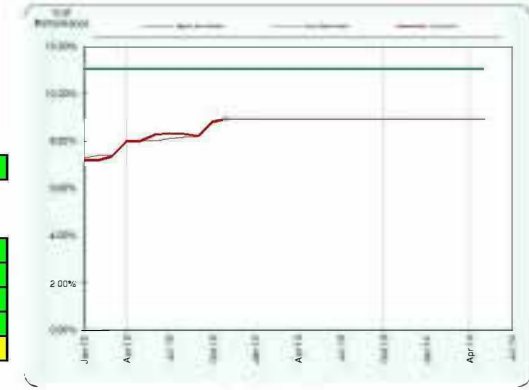
1.01 Project Overview Charts



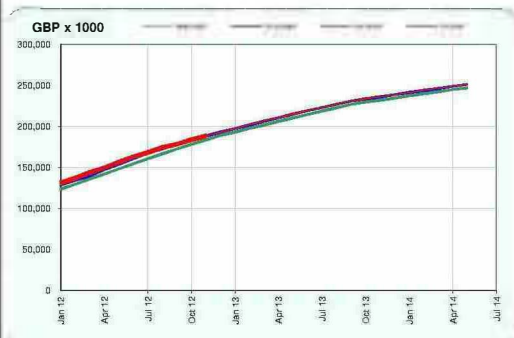
Performance

	Original Contract (Rev1)	Settlement Agreement (Rev4)	Planned (Rev5)	Actual	Status Figures	
Construction start date			15-May-08			
Construction end date	16-Jul-11	08-Jul-14	08-Jul-14	08-Jul-14	0.0 month	green
Total contract value [GBPx1000]	141,509	271,542		280,917		
Claims / Variations approved				9,374		
Claims / Variations not approved				290		
Performance		202,653	207,650	207,923	100.1%	green
Actual Cost to Date				189,317	100.0%	green
Result	11.07%	7.23%	8.95%	8.95%	1.7%	green
Payment Status		202,653	236,870	236,870	100.0%	green
Av.Perf/mth: Rem. & act. 3mth			2,281	0		yellow

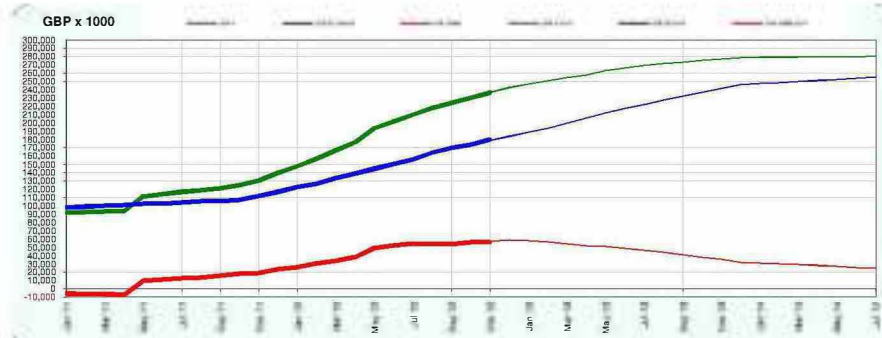
Project Key Figures



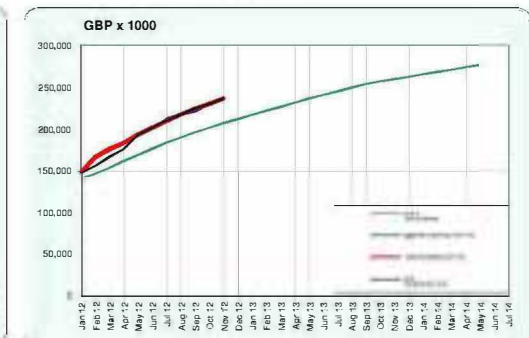
Project Result



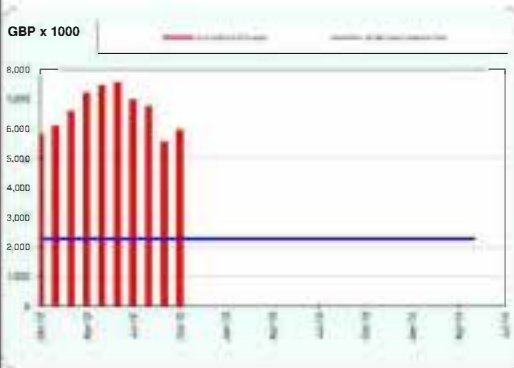
Project Cost



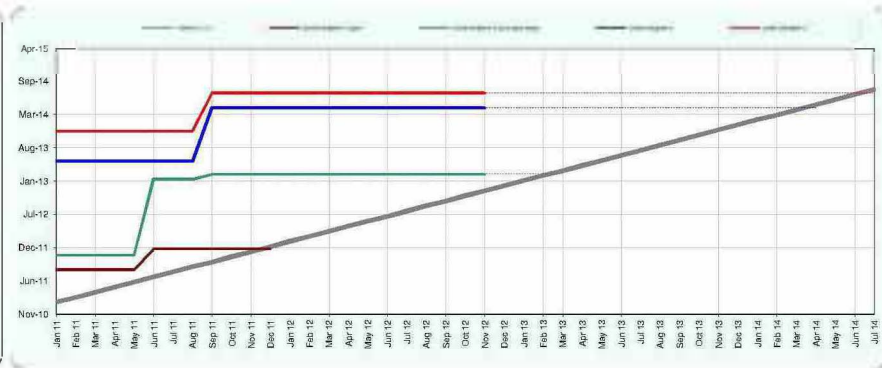
Cashflow



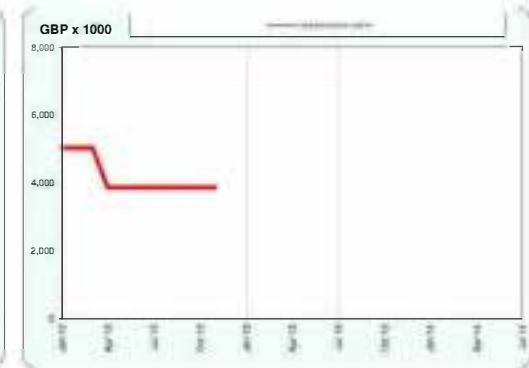
Payment Status



Remaining Performance / Resources



Milestone Trend Analysis (Forecast Rev4)



Contingencies vs Risks

1.02 Short note on Overview Charts

1.2.1 Performance

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

Actual performance:	£5,759,694
Planned performance:	<u>£5,486,400</u>
Variance:	£273,294

1.2.2 Project Cost

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

1.2.3 Project Result

Monthly cumulative result:	£18,606,069	or	8.95%
Forecast/planned result:	£25,135,059	or	8.95%
Weighted margin out of R&O:	£28,833,785	or	10.26%

1.2.4 Payment Status

The payments from the client CEC remain in time.

Invoiced net to the client:	£236,869,529
Paid net from the client:	<u>£236,869,529</u>
Variance	£0

1.2.5 Cashflow

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

Cash in net:	£237,816,019	(incl. interest income)
Cash out net:	£179,976,394	
Cash balance net:	£56,893,135	

1.2.6 Contingencies

The remaining estimated contingencies value is unchanged to previous month:

£3,854,780 (see attachment 3.01)

1.2.7 Construction Programme

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

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

1.03 General Information

1.3.1	Short note on progress, events this month		
	<p><u>Mobilisation/Demobilisation:</u> -</p> <p><u>Design:</u> Further instructions to perform additional design changes were received during the month, which are scheduled to be completed by spring 2013.</p> <p><u>Procurement :</u> All subcontract arrangements are in place, minor purchase on finishing works ongoing.</p> <p><u>Construction :</u> During November works were performed in accordance with the agreed Programme Rev5.</p> <p><u>Contract :</u> Settlement Agreement signed on 15th September 2011 which defines new contractual arrangements for the Off Street Works and On Street Works up to York Place (retrunked line) with a revised Contact Amount of £ 271.542.291.</p> <p>The Settlement Agreement is based on Programme Rev. 4 (approved) and the commercial implications of this change (Rev. 3A to Rev. 4) have been regulated by a Change Order. Programme Rev. 5 has been agreed without commercial impact compared to Rev. 4.</p> <p>In November 10 new/revised Change Orders increased but descope agreements on On-Street works decreased the Variation Order value in an amount of £ -7,863 down to £ 9,374,213 in total.</p>		
1.3.2	Significant extraordinary events		
	Date	Description	Remarks
1.3.3	Recent important agreements with the Employer or instructions having significant consequences		
	Date	Description	Remarks
1.3.4	Status on Major Unapproved Claims / Variations / Changes		
	Several changes have been notified (see list "2.08b Unapproved Changes").		

1.04 Performance Sheet

1. General Information				2. Construction Period		Original Contract	Revised Contract	Variance							
Client:	The City of Edinburgh Council			Construction start date	15-May-08	15-May-08	0 days								
Leadership:	BILFINGER CONSTRUCTION UK LIMITED			Construction end date	16-Jul-11	08-Jul-14	1,088 days								
			Share: 100%	Total excl. Site Removal	38.0 month	73.8 month	194.0 %								
Currency:	GBP	Rp.	(all amounts without V.A.T.)	Expired construction time	54.5 month	54.5 month	73.9 %								
Rate of Exchange Top Sheet:	1 GBP =	1.11 EUR	Actual: 1.23 EUR	Performance to date	207,922,903 GBP		74.0 %								
2. Total Contract Value				Date of Contract		Total Previous Month	November 2012	Total Reporting Month							
Contract Value with Client (Rev 4 evaluation)				271,542,291 (incl. SDS NovaAgree)	100.00%	280,924,367	103.5%	-7,863	280,916,504	103.5%					
Contract Value with 3rd Parties (without interest)						0	0.0%	0	0	0.0%					
						280,924,367	103.5%	-7,863	280,916,504	103.5%					
3. Claims and Variations				Total Previous Month		November 2012		Total Reporting Month							
Claims and Variations approved				9,382,076	3.5%	-7,863		9,374,213	3.5%						
Claims and Variations submitted but not approved yet				268,601	0.1%	21,093		289,694	0.1%						
Claims and Variations under preparation				0	0.0%	0		0	0.0%						
4a. Performance				Total Previous Month		November 2012		Total Reporting Month							
Performance for Actual Contract Value with Client				202,163,209	71.96%	5,759,694		207,922,903	74.02%						
Performance for 3rd Parties (without interest)				0	0.00%	0		0	0.00%						
Total Performance to Date				202,163,209	71.96%	5,759,694		207,922,903	74.02%						
Remaining Performance to Date				78,761,158	28.04%			72,993,601	25.98%						
Actual Planned Performance (Planned Performance per report date - Performance Last Month)				202,163,209	71.96%	5,486,400		207,649,609	73.92%						
4b. Cost				Total Previous Month		November 2012		Total Reporting Month							
Actual Cost at Reporting Date				184,330,709	65.62%	4,986,125		189,316,834	67.39%						
5. Result				Date of Contract		Total Previous Month		November 2012	Total Reporting Month						
Planned Result for Contract with Client (revised evaluation)				19,632,508	7.23%	24,833,714	8.84%	301,345	25,135,059	8.95%					
Actual Result at Reporting Date						17,832,500	8.82%	773,569	18,606,069	8.95%					
Forecast Result at the End of Contract						24,833,714	8.84%	301,345	25,135,059	8.95%					
Weighted Result at the End of Contract (Likely Case)						28,532,440	10.16%	301,345	28,833,785	10.26%					
6. Invoices, Payment and Bank account				Total Previous Month		November 2012		Total Reporting Month							
Application to the client - excl. VAT	incl. Ret. Money	0	0.00%	230,582,856	82.08%	6,575,953		237,158,809	84.42%						
Certified by the client (Invoice) - excl. VAT	incl. Ret. Money	0	0.00%	230,411,095	82.02%	6,458,434		236,869,529	84.32%						
Cash in from the client - excl. VAT	excl. Ret. Money	0	0.00%	230,411,095	82.02%	6,458,434		236,869,529	84.32%						
Cash in from 3rd Parties - excl. VAT				0	0.00%	0		0	0.00%						
Interest income				942,222	0.47%	4,268		946,490	0.46%						
Cash out (excl. VAT)				174,154,946	61.99%	5,821,448		179,976,394	64.07%						
Net Liquidity	credittline	0	0%	56,256,148	20.03%	636,987		56,893,135	20.25%						
7. Subcontractor Work (incl. Design)				Total Previous Month		November 2012		Total Reporting Month							
Total Portion of Subcontractor Budget (first evaluation)				186,628,491 (incl. SDS)	68.73%	190,629,020	67.86%	31,733	190,660,753	67.87%					
Total Amount of signed Subcontracts incl. approved Variation Order						0	0.00%	0	0	0.00%					
Total Subcontractor Result to date						0	0.00%	0	0	0.00%					
Actual Subcontractor Costs to date (incl. Accruals)						0	0.00%	0	0	0.00%					
Therefrom invoiced to date						0	0.00%	0	0	0.00%					
8. Actual Forecast for Performance and Result in TSD GBP															
Performance		Original planned				Actual / Forecast					Yearly Forecast				
		2008	2009	2010	2011	2008-2010	2011	2012	2013	2014	Performance and Result in 2008-2010				
Jan			1,706	2,786	2,346		1,573	5,817	4,886	2,812	Performance	100,868,316	35.9%		
Feb			2,526	4,026	2,026		815	6,518	4,890	2,805	Result	0			
Mrz			3,526	5,026	2,526	2008	788	7,419	4,887	2,778	Performance and Result in 2011				
Apr			4,526	5,276	2,526	12,940	1,424	7,646	4,865	2,820	Performance	35,119,425	12.5%		
Mai	855	5,776	6,026	2,526			1,574	7,266	4,746	2,616	Result	12,167,530	34.65%		
Jun	1,355	5,776	6,526	1,026			2,056	7,720	4,428	2,278	Performance and Result in 2012				
Jul	2,375	5,776	6,526	1,026		2009	1,937	5,930	4,345	2,004	Performance	76,549,868	27.3%		
Aug	2,855	6,026	6,526			37,734	1,355	6,583	4,336		Result	6,849,314	8.95%		
Sep	3,055	4,626	6,526				7,192	4,118	4,336		Performance and Result in 2013				
Okt	2,855	4,026	6,526				50,195	4,827	7,159	2,882	Performance	50,265,962	17.9%		
Nov	1,535	2,526	5,026					5,712	5,760	2,837	Result	4,497,557	8.95%		
Dez	1,446	1,866	1,706					5,867	4,615	2,827	Performance and Result in 2014				
Total		16,334	48,678	62,498	13,999		100,868	35,119	76,550	50,266	18,113	Performance	13,830,900	4.9%	
		Linear Calculation				total: 280,917					Result			1,237,522	8.95%
											Total Performance and Result			276,634,471	98.5%
											Result			24,751,923	8.95%
Edinburgh, 13/12/2012					Edinburgh, 13/12/2012										
Place and Date	M Foerder, Project Director				Place and Date	C O, Project Control Manager									

1.05 Weighted Result with Chances and Risks

Revenue		best case	likely case	worst case	Cost		best case	likely case	worst case
		' GBP	' GBP	' GBP			' GBP	' GBP	' GBP
1	Actual Contract Value according Job Site Estimate incl. Approved Change Orders	280,917	280,917	280,917	1	Actual Cost Forecast according Job Site Estimate incl. cost for integrated Changes	-255,781	-255,781	-255,781
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				
Σ 4	Risks not included in JSE	0	0	0	Σ 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	136	94	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				
Σ 5	Chances	0	0	0	Σ 5	Chances	5,971	3,699	0
6 =1+3+4+5	Forecast Final Revenue	280,917	280,917	280,917	6 =1+3+4+5	Forecast Final Costs	-249,811	-252,083	-255,781

	Costs	best case	likely case	worst case
Forecast Final Result (best case) (Revenue Best Case + Forecast Cost all cases)	Revenue	280,917		
	Costs	-249,811		
	Result	31,106		
% Gross Margin based on Revenue Best Case	Revenue: 280,917	11.07%		
Forecast Final Result (most likely case) (Revenue most likely case + Forecast Costs all cases)	Revenue		280,917	
	Costs		-252,083	
	Result		28,834	
% Gross Margin based on Revenue Likely Case	Revenue: 280,917		10.26%	
Forecast Final Result (worst case) (Revenue worst case + Forecast Costs all cases)	Revenue			280,917
	Costs			-255,781
	Result			25,135
% Gross Margin based on Revenue Worst Case	Revenue: 280,917			8.95%
Gross Margin previous month (most likely case)		10.97%	10.16%	8.84%

Project: **Edinburgh Tram Network**
as per: **30/11/2012**



2.01 Cost Reconciliation Sheet

see following pages

Project: GB-2006-1001JE53 Edinburgh Tram Network 2012-11
Reporting Month: 55. Report Period, 30/11/2012

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 AQty. 15	Budget Agreed VO's AQty. 1	Budget unappr. VO's AQty. 17	Budget Total AQty. 18=15+16+17	Revised DJCt AQty. 19	% Complete 20=9/19	Cost to Complete (AQ-IQ) 21=19-9	Forecast Final Cost 22=5+21	Forecast Final Variance 23=18-22	Projected Variance (linear) 24=8/20
Evaluation with Activity Model: Rev.7_20120331																							
25.1.201.12	SECTION 1C	2,377,034	1,208,452	3,585,486	3,574,751	0	-10,735	3,574,751	-10,735	746,557	731,185	-15,372	9,613,037	9,613,037	-564,420	0	9,048,617	8,845,339	40.41 %	5,270,588	8,856,077	192,543	-26,565
25.1.201.13	Princes Street (outstanding ...)	1,558,900	116,677	1,675,577	1,598,486	0	-77,086	1,653,692	-21,880	0	-90,000	-90,000	1,160,259	1,160,259	585,500	0	1,745,766	1,745,766	94.73 %	92,074	1,767,646	-21,880	-81,374
25.1.201.14	SECTION 1D	4,435,868	366,438	4,802,306	4,818,139	0	15,833	4,818,139	15,833	270,082	286,117	16,035	10,022,227	10,022,227	821,411	0	10,843,644	10,578,505	45.55 %	5,760,366	10,562,672	280,972	34,760
25.1.201.15	SECTION 1CD - SITE WIDE	3,324,291	317,112	3,641,403	3,619,340	0	-22,063	3,619,340	-22,063	159,897	137,038	-22,859	5,916,403	5,916,403	876,891	0	6,793,294	6,316,980	57.30 %	2,697,640	6,339,043	454,251	-38,504
1.1	CONSTRUCTION ON-STREET rev ...	11,696,093	2,008,674	13,704,767	13,610,716	0	-94,051	13,665,922	-38,845	1,176,536	1,064,340	-112,196	26,711,926	26,711,926	1,719,395	0	28,431,321	27,486,590	49.72 %	13,820,668	27,525,435	905,886	-111,684
25.1.201.31	Section 1A	3,362,462	0	3,362,462	3,371,353	0	8,891	3,371,353	8,891	0	0	0	5,592,262	5,592,262	-2,220,909	0	3,371,353	3,371,353	100.00 %	0	3,362,466	8,891	8,891
25.1.201.40	Section 1 B	566,937	0	566,937	588,685	0	21,748	588,685	21,748	0	0	0	588,685	588,685	0	0	588,685	588,685	100.00 %	0	566,937	21,748	21,748
25.1.201.45	Section 1CD	3,231,906	64,858	3,296,764	3,364,108	0	67,344	3,364,108	67,344	-73,662	0	73,662	3,810,714	3,810,714	0	0	3,810,714	3,810,714	88.28 %	446,606	3,743,370	67,344	76,285
25.1.201.96	PSSA - PRINCES STREET SUPPLE...	12,083,223	0	12,083,223	12,083,225	0	2	12,083,223	0	0	0	0	12,083,225	12,083,225	0	0	12,083,225	12,083,223	100.00 %	0	12,083,223	2	2
1.2	CONSTRUCTION ON-STREET origi...	19,244,528	64,858	19,309,386	19,407,371	0	97,985	19,407,369	97,988	-73,662	0	73,662	22,074,886	22,074,886	-2,220,909	0	19,853,977	19,853,975	97.75 %	446,606	19,755,992	97,985	106,926
25.1.201.54	SECTION 5ABC- Trackworks	12,322,478	1,428,000	13,750,478	13,716,394	0	-34,084	13,716,394	-34,084	1,136,147	1,137,795	1,648	18,185,633	18,185,633	2,434,662	0	20,620,295	20,445,295	67.09 %	6,728,901	20,479,379	140,916	-50,803
25.1.201.58	SECTION 5ABC- Structures	34,235,373	458,072	34,693,445	34,728,332	0	34,887	34,728,332	34,887	568,631	564,095	-4,536	40,222,415	40,222,415	110,015	0	40,332,430	40,332,430	86.11 %	5,604,098	40,297,543	34,887	40,514
25.1.201.61	SECTION 2	19,332,859	1,992,697	21,325,556	21,340,117	0	14,561	21,340,117	14,561	1,399,326	1,406,397	7,071	25,898,810	25,898,810	-116,626	0	25,782,184	25,845,883	82.57 %	4,505,766	25,831,322	-49,138	17,635
25.1.201.62	SECTION 7	16,977,706	305,726	17,283,432	17,281,246	0	-2,186	17,281,246	-2,186	138,128	136,691	-1,437	16,955,851	16,955,851	402,071	0	17,357,922	17,319,555	99.78 %	38,309	17,321,741	36,181	-2,191
25.1.201.63	SECTION 6	17,281,441	580,159	17,861,600	17,718,083	0	-143,517	17,718,083	-143,517	1,281	0	-1,281	17,539,988	17,539,988	126,448	0	17,666,436	17,713,683	100.00 %	0	17,861,600	-195,164	-143,517
1.3	CONSTRUCTION OFF-STREET	100,149,857	4,764,654	104,914,511	104,784,172	0	-130,339	104,779,772	-134,739	3,243,513	3,244,978	1,465	118,802,697	118,802,697	2,956,570	0	121,759,267	121,656,846	86.13 %	16,877,074	121,791,585	-32,318	-138,362
25.1.201.21	TTM	3,188,547	43,210	3,231,757	3,300,752	0	68,995	3,276,851	45,094	-77,204	-32,867	44,337	4,258,521	4,258,521	138,696	0	4,397,217	4,397,217	74.52 %	1,120,366	4,352,123	45,094	92,586
25.1.201.25	Advanced Maintenance	26,361	5,947	32,308	32,820	0	512	32,820	512	6,975	12,708	5,733	0	0	102,080	0	102,080	102,080	32.15 %	69,260	101,568	512	1,593
1.4	SECTION/VIDE	3,214,908	49,157	3,264,065	3,333,572	0	69,507	3,309,671	45,606	-70,229	-20,159	50,070	4,258,521	4,258,521	240,776	0	4,499,297	4,499,297	73.56 %	1,189,626	4,453,691	45,606	94,178
	DIRECT JOB COSTS	134,305,386	6,887,343	141,192,729	141,135,831	0	-56,898	141,162,734	-29,995	4,276,158	4,289,159	13,001	171,848,030	171,848,030	2,695,832	0	174,543,862	173,496,708	81.36 %	32,333,974	173,526,703	1,017,159	-48,942
25.1.201.42	HAYMARKET OFFICE	521,092	-7,682	513,410	557,123	0	43,713	541,222	27,812	5,931	0	-5,931	1,030,622	1,030,622	264,808	0	1,295,430	1,060,744	51.02 %	519,522	1,032,937	262,498	85,678
25.1.201.53	EDINBURGH PARK STORAGE	1,418,250	11,478	1,429,728	1,475,698	0	45,970	1,475,698	45,970	5,793	7,320	1,527	1,716,758	1,716,758	0	0	1,716,758	1,716,758	85.96 %	241,060	1,670,788	45,970	53,478
25.1.201.64	CONSORTIUM OFFICE	4,015,074	49,505	4,064,579	4,064,483	0	-96	4,064,483	-96	60,237	55,925	-4,312	6,304,886	6,304,886	2,103,835	0	8,408,721	6,907,532	58.84 %	2,843,049	6,907,628	1,501,093	-163
25.1.201.65	STAFF	22,433,679	72,639	22,506,318	22,487,195	0	-19,123	22,487,195	-19,123	342,451	335,492	-6,959	33,262,345	33,262,345	1,103,451	0	34,365,798	33,105,679	67.93 %	10,618,484	33,124,807	1,240,996	-28,151
25.1.201.66	DESIGN	13,666,122	280,258	13,946,380	13,953,807	0	7,427	13,946,381	0	230,259	280,708	50,449	14,780,459	14,780,459	1,336,432	0	16,116,891	16,109,539	86.57 %	2,163,158	16,109,538	7,353	8,579
25.1.201.67	FINANCE	761,308	190,257	951,565	942,748	0	-8,817	922,748	-28,817	43,941	24,887	-19,054	10,683,311	10,683,311	232,989	0	10,916,300	12,113,448	7.62 %	11,190,700	12,142,265	-1,225,965	-8,817
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	4,123,032	45,317	4,168,349	4,209,160	0	40,811	4,169,160	811	21,353	32,194	10,841	6,699,594	6,699,594	243,621	0	6,943,215	6,872,482	60.86 %	2,703,322	6,871,671	71,544	67,278
	INDIRECT JOB COST	47,482,332	641,772	48,124,104	48,233,989	0	109,885	48,150,662	26,558	709,965	736,526	26,561	75,021,750	75,021,750	5,285,138	0	80,306,888	78,429,957	61.39 %	30,279,295	78,403,399	1,903,489	177,883
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
Total		181,787,718	7,529,115	189,316,833	189,369,820	0	52,988	189,313,396	-3,432	4,986,125	5,040,310	54,185	251,909,780	251,909,780	7,980,970	0	259,890,750	255,781,445	74.01 %	66,468,049	255,784,882	4,105,868	128,940

Project: GB-2006-1001JE53 Edinburgh Tram Network 2012-11
Reporting Month: 55. Report Period, 30/11/2012

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 AQty. 15	Budget Agreed VO's AQty. 16	Budget unappr. VO's AQty. 17	Budget Total AQty. 18=15+16+17	Revised DJCT AQty. 19	% Complete 20=9/19	Cost to Complete (AQ-IQ) 21=19-9	Forecast Final Cost 22=5+21	Forecast Final Variance 23=18-22	Projected Variance (linear) 24=8/20
Total Cost incl. Prime Cost Sums		181,787,718	7,529,116	189,316,834	189,369,820		52,986	189,313,396	-3,438	4,986,125	5,040,310	54,185	251,909,780	251,909,780	7,980,967		259,890,747	255,781,445	74.0 %	66,468,049	255,784,883	4,105,86	71,603
Prime Cost Sums 0 / 0																							
Total Cost without Prime Cost Sums		181,787,718	7,529,116	189,316,834	189,369,820		52,986	189,313,396	-3,438				251,909,780	251,909,780	7,980,967		259,890,747	255,781,445		66,468,049	255,784,883		

REMEASURED CONTRACT:

Gross Margin original Contract and agreed VO's (PF = 1.0983, PFB = 1.0809)

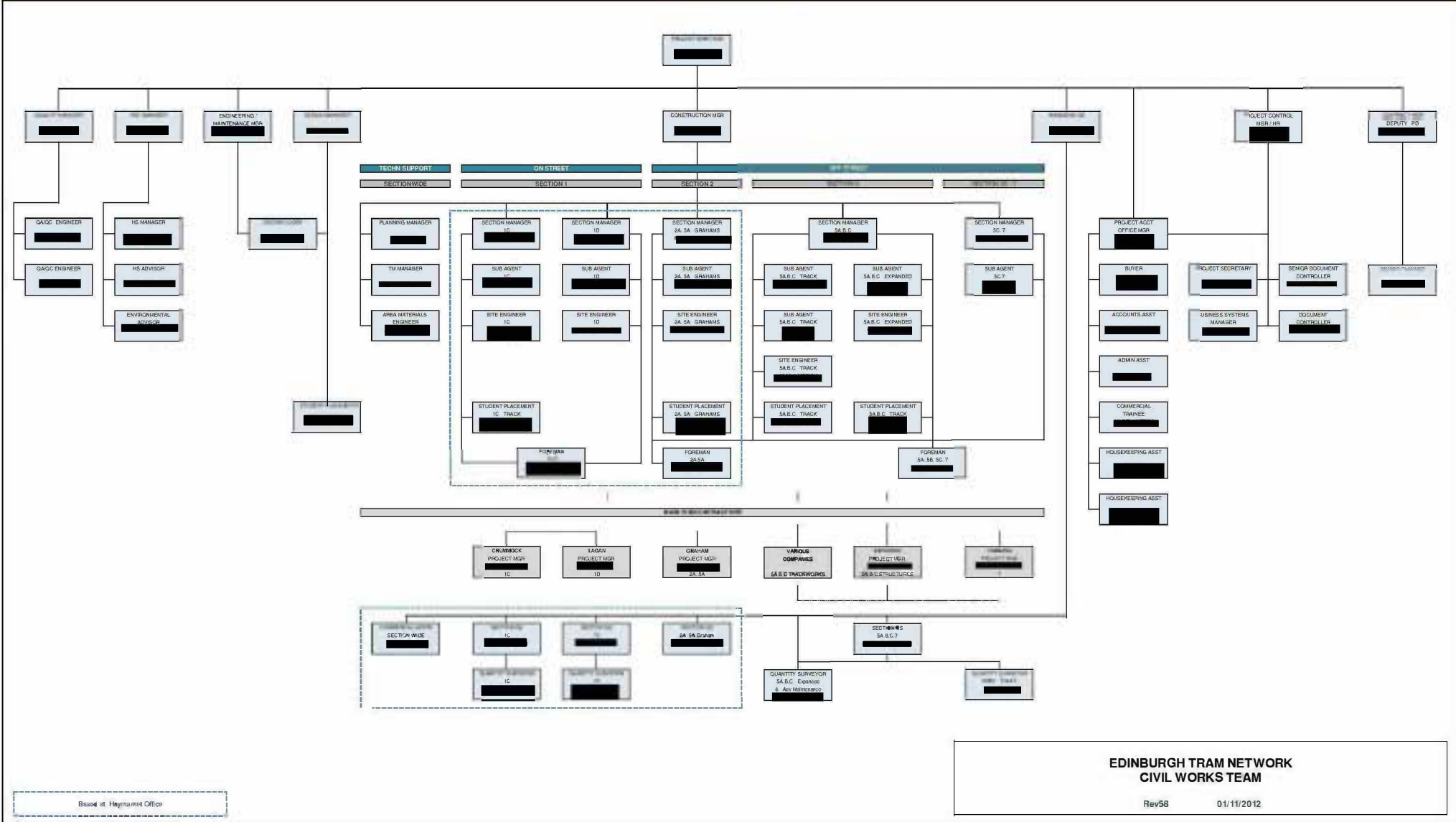
Total Cost without Prime Cost Sums			189,316,834	189,369,820			189,313,396			251,909,780	251,909,780	7,980,967		259,890,747	255,781,445					255,784,883		
Gross Margin				15,320,018			18,609,507			19,632,511	19,632,511	1,993,246.00		21,025,757	25,135,059					25,131,621		
Gross Margin in % of Performance				7.48 %			8.95 %			7.23 %	7.23 %	14.86 %		7.48 %	8.95 %					8.95 %		
Performance without Prime Cost Sums				204,689,838			207,922,903			271,542,291	271,542,291	9,374,213		280,916,504	280,916,504					280,916,504		
Actual Cost to date				189,316,834			189,316,834															
Gross Margin to date				15,373,004			18,606,069															
Gross Margin to date in % of Performance				7.51 %			8.95 %															
Performance Prime Cost Sums																						
Total Performance				204,689,838			207,922,903			271,542,291	271,542,291	9,374,213		280,916,504	280,916,504					280,916,504		
Revenue according WBS																						

Gross Margin (weighted) original Contract, agreed and valued VO's (PF = 1.0983, PFB = 1.0809)

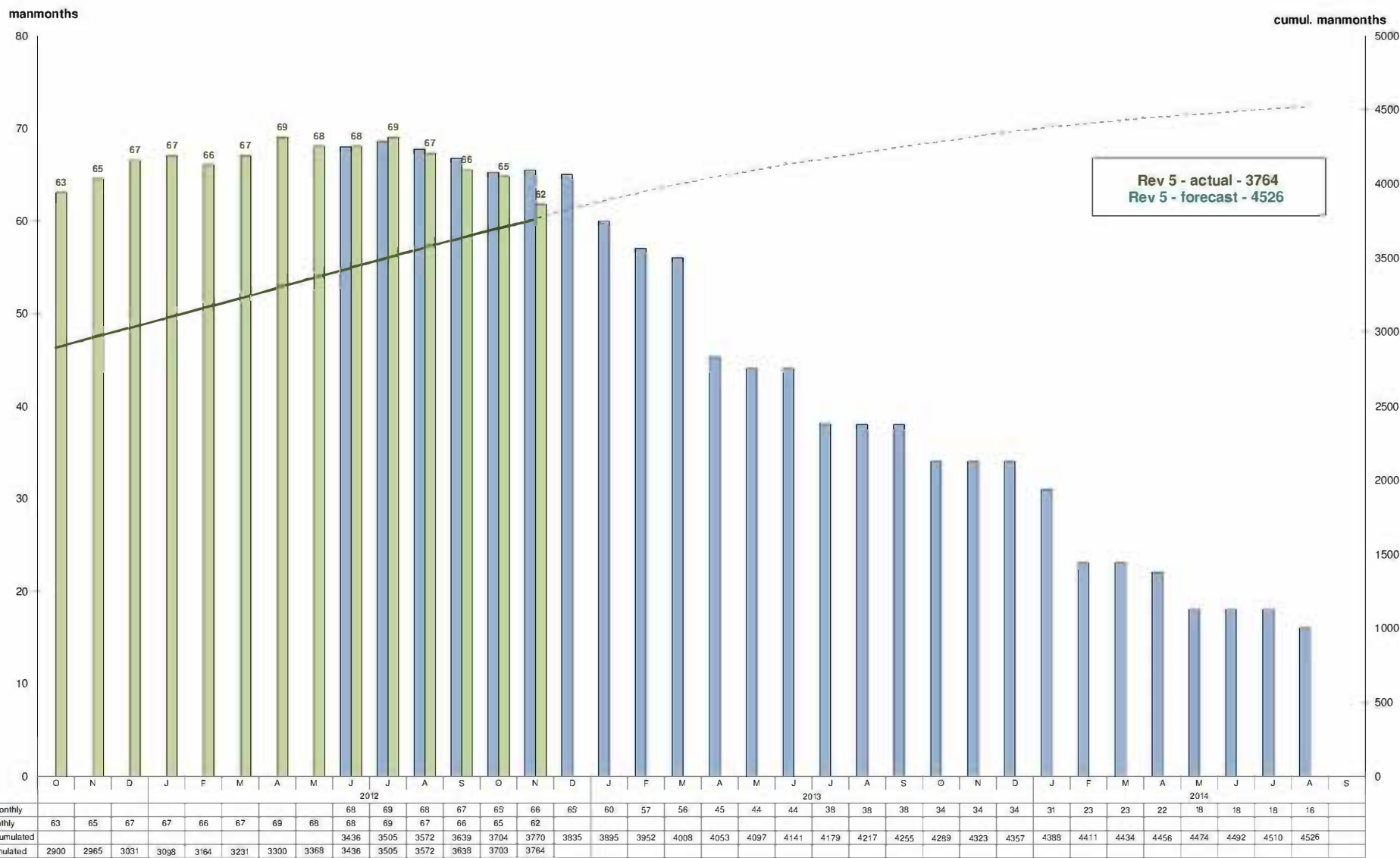
Total Cost without Prime Cost Sums				189,369,820			189,313,396			251,909,780	251,909,780	7,980,967		259,890,747	255,781,445					255,784,883		
Gross Margin				15,320,018			18,609,507			19,632,511	19,632,511	1,993,246.00		21,025,757	25,135,059					25,131,621		
Gross Margin in % of Performance				7.48 %			8.95 %			7.23 %	7.23 %	14.86 %		7.48 %	8.95 %					8.95 %		
valued Performance without Prime Cost Sums				204,689,838			207,922,903			271,542,291	271,542,291	9,374,213		280,916,504	280,916,504					280,916,504		
Actual Cost to date				189,316,834			189,316,834															
Gross Margin to date				15,373,004.00			18,606,069															
Gross Margin to date in % of Performance				7.51 %			8.95 %															
Performance Prime Cost Sums (incl. valued performance)																						
Total Performance (incl. valued performance)				204,689,838			207,922,903			271,542,291	271,542,291	9,374,213		280,916,504	280,916,504					280,916,504		
Revenue according WBS (VO's valued)																						
Revenue according WBS (VO's valued by 100%)																						



2.05 Organisation Chart



2.06 Staff Chart



2.08a Approved Change Orders

										Job Estimate Budgets										
PRC	INC	EC	EST	Design	EST	CON	TRM	Section / Activity	Description	Date Issued	Revenue	EST	Design	Construction	Provision	Margin	Margin %	Notes		
	501	502						1A	66	Additional Cycle Path at Lindsay Road - Hawthornvale	26/10/2011	20,021.00	14,841.36		3,359.55	1,620.09	9.09%			
	502	506						1A	66	New Footpath at ocean Drive	26/10/2011	10,231.00	7,584.14		1,716.77	930.09	9.09%			
	503	515						5C	63	OLE temporary portals at Depot Access Bridge to allow finalisation without Edinburgh Gateway	01/12/2011	16,960.40		12,567.40	2,849.33	1,543.67	9.09%			
	504	506						1C	66	Inclusion of Wrenheim Place redesign (for TRO) within Picardy Place redesign - instruction	26/10/2011	46,247.00	34,262.43		7,760.30	4,204.27	9.09%			
	505	513						1C	66.12	Incorporating New run time model based on York Place Terminal Agreement	29/11/2011	228,652.60	168,498.00		38,368.18	20,786.62	9.09%			
	506	503A						1C	66	Princes St - new cycle way from The Mound into Princes Street	26/10/2011 30/01/2012	11,105.64		6,232.50		1,863.54	1,009.60	9.09%		
	507	504C						1C	66	St Andrew Square Public Realm Design finalisation	30/10/2012	133,075.48		96,647.50		22,330.21	12,097.77	9.09%		
	509	519						OH	66	Cathedral Lane Substation - change to Henderson Global Design	15/12/2011	233,595.67		173,162.10		39,197.60	21,235.97	9.09%		
	520	553							63	Valve chamber access and alterations to 800mm water main at depot	26/02/2012	98,909.25			71,637.84	16,261.48	6,609.93	9.09%		
10	511	511						5C	66.63	Allow for storm water connection from Gogar Lodge to landowners new septic tank. CVI Ref #ARR6/015	22/11/2011	5,750.46		3,440.00	822.76	984.93	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 AA/EAL approval	26/10/2011	10,025.00		7,431.43		1,682.21	911.36	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			68,759.13	15,564.57	8,432.37	9.09%		
17	516	565							58	Additional watermain requirement at Depot and Mini Test Track	26/04/2012	51,261.72			38,014.62	8,605.13	4,661.97	9.09%		
18	517	539							63	Additional MT 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	33,850.62	6,805.86	3,667.20	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%		
21	541	611A						1D	13	available MT Lines to avoid provision of direct FO link from Princes Street to	29/11/2012	4,535.57			3,862.17	761.07	412.32	9.09%		
22	529	524A						OH	66.7	Redesign Gogar Castle Access Road	17/10/2012	31,308.00		23,206.30		5,253.52	2,646.18	9.09%		
23	530	525						OH	66	Depot Access Road Turning Head	16/12/2011	30,458.40		22,578.50		5,110.95	2,768.95	9.09%		
26	576	543						5C	63	Reinstatement 250mm Watermain	26/04/2012	36,787.81			27,270.43	6,173.03	3,344.35	9.09%		
27	526	518							63	Tram Delivery Temporary Works	12/12/2011	6,678.44			5,098.92	1,154.21	625.31	9.09%		
31	544	512						OH	64	Extension to Edinburgh Park Office to accommodate CEC/Transport Scotland	22/11/2011	159,900.00			139,043.40	6,320.24	14,536.36	9.09%		
38	549	510						1D	14	Move 3 No OLE's (St John's Church) to central reserve (SV200G)	22/11/2011	TWC								
39	550	514						OH	66	Move OLE's in Sharnwick Place and amend Landscaping	19/12/2011	TWC								
41	534	556						5A/C	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	2,011,120.00		3,766.00	152,856.21	33,746.15	18,283.64	9.09%		
45	555,557,562	521C						OH	66	Siemens OLE design update	06/09/2012	96,062.05		71,224.65		16,122.67	8,734.73	9.09%		
46	566	535A						OH	66	On-Street design changes due to utilities conflicts	12/01/2012 01/06/2012	40,359.38		29,918.00		6,772.35	3,669.03	9.09%		
47	566	537A						OH	66	On-Street Design Changes due to trackform conflicts	16/04/2012	10,864.85		8,054.00		1,823.13	987.71	9.09%		
48	563	516D						OH	66	SDS to provide services of Matt Hill	02/10/2012	129,269.30				95,826.02	21,691.53	11,751.75	9.09%	
50	567	536C						OH	66	On-Street drainage design changes due to utilities conflicts	05/09/2012	117,900.23		87,396.24		19,763.78	10,718.20	9.09%		
51	568	522A						OH	65	Provision of CAD Technician	03/02/2012	1,693.00			1,255.00	284.09	153.51	9.09%		
53	559	545						OH	66	Detailed Design of York Place Terminal	03/02/2012	56,436.11		41,637.00		9,470.37	5,130.74	9.09%		
54	565	533C						OH	66	Advanced design Edinburgh Gateway - Minimum Option	26/09/2012	5,949.09		4,410.00		998.26	540.83	9.09%		
55	564	531						SWON	15	Worksite Modelling for TM at Waverley Court	21/12/2011	TWC								

2.08a Approved Change Orders

PRC	SC	CD	EST	Design	EST	COST	3rd-11	Section / Activity	Description	Date Issued	Revenue	Job Estimate Budgets					Status	
												EST	Design	Construction	Provision	Margin		Margin %
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	68,866.96	3,131.22	7,201.62	9.09%			
59	561	528						1A 31	Valke Engineering Forth Port Section 1A	21/12/2011	2,443,000.00		2,220,909.09		222,090.91	9.09%		
62	572	540A						OH 66	Cathedral Lane Substation Design	18/01/2012 29/06/2012	34,458.66	25,544.00		5,782.23	3,132.62	9.09%		
63	574	542A						2A 61	Haymarket Viaduct delete part of cladding	16/07/2012	5,571.34		4,055.13	1,009.72	506.49	9.09%		
64	571A	573B						1D 66	Hope Street reinstatement	11/10/2012	14,061.41		10,423.58		2,359.52	1,276.31	9.09%	
65	577	544A						2A 61	Omit construction of Haymarket Substation retaining wall and plinth	06/11/2012	4,607.82		3,697.21	491.72	418.89	9.09%		
66	578	546						SWON 15	Remove site investigation allowance	03/02/2012	57,984.00		52,712.73	0.00	5,271.27	9.09%		
70	586	557A						1C 66	Amended Design on St Andrew Square	20/08/2012	15,227.51		11,288.00		2,555.19	1,384.32	9.09%	
71	587	555B						SWON 66	Revised Settl Locations and new Settl Specification	13/09/2012	15,512.15		11,499.00		2,602.96	1,410.20	9.09%	
76	588	551						1D 21	Return of parking spaces Stafford Street	20/02/2012								
81	582	549						5A 61	Delete Reseburn Viaduct Trespa cladding	09/02/2012	308,004.00		280,003.64	0.00	28,000.36	9.09%		
83	589	552						62	Deletion of Airport Kiosk	29/02/2012	150,000.00		136,363.64	0.00	13,636.36	9.09%		
84	593	558A						SWON 66	Cessation of Design North of York Place (SV-206F)	13/07/2012								
85	591	563						2A 61	Diversion of Scottish Power Cable	02/04/2012	2,428.20		1,800.00	407.45	220.75	9.09%		
89	601	560						5C 62,66	Shelters at Gogarburn Tramstop to be 8m length	15/03/2012 14/08/2012	27,662.60		2,671.00	17,963.26	4,675.37	2,532.96	9.09%	
91	574	574						1A 21	Ongoing Traffic Management	12/06/2012	133,140.45		98,695.66	22,341.11	12,103.68	9.09%		
92	595	566						2A 61	Deletion of crew relief facilities	08/05/2012	74,001.12		54,856.29	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	568A						2A 66	Design for crew relief wall construction to close void beneath Haymarket Viaduct	09/10/2012	1,900.12		1,406.54	318.64	172.74	9.09%		
93	705	626						2A 66	Haymarket redesign due to LOO constraints	14/11/2012	13,669.05		10,132.73		2,293.68	1,242.64	9.09%	
94	607	623						SW 12 13 14	Delete Requirements at tall Tramstops for 110v socket for cleaning purposes (On Street)	23/10/2012	6,153.73		4,561.70	1,032.60	559.43	9.09%		
95	608	624						SW 54 61 62 63	Delete Requirements at all Tramstops for 110v socket for cleaning purposes (Off Street)	23/10/2012	38,851.41		27,317.58	6,183.71	3,350.13	9.09%		
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	569A						66	Airport Tram Stop Design	27/09/2012	17,783.67		13,183.00		2,964.45	1,616.72	9.09%	
117	622	569						SW 53	Payment for power supplies provided by CEC (Siemens Reference SV-0132h)	16/07/2012	TWC							
119	627	560						1D 66	St Johns Church deletion of pedestrian barrier	21/08/2012								
120	623	596						25	Gogar Depot Repair	26/09/2012	1,867.15		1,384.10	313.31	169.74	9.09%		
121	663	588						5C 63	Estimate for CEC for purchasing the existing heras fencing surrounding the Mint East Track	16/07/2012	6,423.88		4,761.96	1,077.93	583.99	9.09%		
140	640	585						5B 67	Unimog - insurance Premium	11/07/2012	TWC							
147	641	630						1C 12	Cathedral Lane Tram Substation RTW	27/11/2012	TWC							
148	643	572B						5C 54,66	Edinburgh Gateway Works, Design & Construction	26/09/2012	2,972,732.16		126,196.00	2,077,460.16	498,827.62	270,248.28	9.09%	
150	647C	577E						1C 66	Design on street works carriageway reconstruction	14/01/2012	23,886.74		17,707.00		4,008.22	2,171.52	9.09%	
151	648	579						1CD 66	Design cabinet positions for street lighting Princes Street	19/06/2012	TWC							
153	651A	625						SW	Defer installation of Tramstop shelter and Fit Out	31/10/2012	TWC							
155	657	582A						1CD 66	As-Built Drawings Princes Street	11/10/2012	3,271.33		2,425.00	548.93	297.39	9.09%		
156	653	583						1C 66	DWG CAD Drawings Design York Place	22/06/2012	TWC							

2.08a Approved Change Orders

PRC	INC	ICD	EST	Design	EST	COST	Date Issued	Section / Activity	Description	Date Issued	Revenue	Job Estimate Budgets					Margin %
												EST	Design	Construction	Profitability	Margin	
169	662	590					11/07/2012	7A 62	Topographical Survey	11/07/2012	1,993.82			1,478.00	334.57	181.26	9.09%
170	667	594					27/09/2012	2A 66	Call off services to respond Network Rail Technical Queries	27/09/2012	9,456.49	7,010.00		1,566.61	659.68	9.09%	
171	668	595					12/07/2012	1C 12	York Place, De-scope of Works	12/07/2012	1,015,155.60			966,615.09		46,340.71	4.76%
172	719	627					20/11/2012	SW 66,?	Fare Collection Equipment	20/11/2012	TBC						
173	666	593					19/07/2012	5A 61	ScotRail Pedestrian Access Gate	19/07/2012	TBC						
177	670	592A					11/10/2012	1C 66	Design response Princes St Road Safety Audit	11/10/2012	1,610.77	1,194.05		270.29	146.43	9.09%	
181	679	601A					19/11/2012		Temporary reduction in the volume of water in Depot storage tanks	19/11/2012							
195	684	621					23/10/2012		Repairs to damaged utility cover slabs	23/10/2012	938.27		695.53	157.44	85.30	9.09%	
196	725	631					27/11/2012	ON 66	On Street Provision of DWG drawings - Drainage	27/11/2012	689.36	511.02		115.68	62.67	9.09%	
197	685	603A					20/11/2012	1A 66	Design and As Built information Lindsay Road	20/11/2012	7,090.34	5,256.00		1,169.77	644.58	9.09%	
199	690	606A					23/10/2012	2A 61	Undertake re-ballasting works to the operational element of the West shunt line within the Haymarket Depot	23/10/2012	76,413.27			56,644.38	12,622.23	6,946.66	9.09%
203	664	591A					09/11/2012	5C 62	Gogar Castle Access Road, works following Road Safety Audit - additional areas of high friction surfacing	09/11/2012	3,166.34		2,362.00	534.67	289.67	9.09%	
206	691	605					05/09/2012	1C 66,1bc	Cathedral Lane, Tram Substation - Investigate and amend design of Cathedral Lane Retaining Wall	05/09/2012	5,000.00	3,706.45		639.01	454.55	9.09%	
207	672	606					14/11/2012	ON 66	Review and amend design for On Street Drainage	14/11/2012	8,000.00	5,930.32		1,342.41	727.27	9.09%	
208		620					16/10/2012	SW	Cost Engineering in respect of the Programme	16/10/2012	3,162,967.12	2,614,038.94			548,948.18	17.36%	
213	689	609					14/11/2012	ON 66	On Street Road Sign Bases, Street Lighting Columns, Traffic Signal Poles, Ducting and Chambers (TPE 2%) - DESIGN	14/11/2012	12,232.72	9,067.99		2,052.66	1,112.07	9.09%	
214	683	604					16/09/2012		Trial hole to locate Scottish Water pipe at Gogarburn	16/09/2012	TBC						
215	701	614					26/09/2012	62 66	Reinstatement works at the Airport	26/09/2012	5,000.00	3,706.45		839.01	454.55	9.09%	
216	702	615					26/09/2012		Eastfield Avenue pedestrian crossing; provide and install STRAIL panels	26/09/2012	TBC						
217	695	613					26/09/2012		Tanker Access North of CCRC exit at Burnside Road; temp road surface and install kerbs at Edinburgh Airport	26/09/2012	TBC						
15	513	ICCO					30/11/2012	1D 15	Utility Conflict Verification	30/11/2012	17,210.11		12,757.68	2,887.67	1,564.56	9.09%	
25	543	ICCO					30/11/2012	1D 14	Utilities affecting the construction of OHLE foundations in Haymarket 'H1'	30/11/2012	251,300.54		186,266.54	42,168.50	22,845.50	9.09%	
26	521	ICCO					30/11/2012	1D 14	Provide temporary accommodation and Welfare facilities	30/11/2012	1,542.96		1,143.78	258.91	140.27	9.09%	
35	547	ICCO					30/11/2012	1D 14	Haymarket H1: Third Party affecting our ability to progress the works	30/11/2012	4,079.89		3,024.38	684.61	370.90	9.09%	
36	546	ICCO					30/11/2012	1D 14	Haymarket H1: BT Fibre Optic Service required Diverted	30/11/2012	83,052.94		61,566.30	13,936.37	7,550.27	9.09%	
37	528	ICCO					30/11/2012	1D 14	Haymarket 1 - Silt Trench Excavation to Validate Utilities	30/11/2012	6,565.45		4,866.90	1,101.69	596.66	9.09%	
38	549	ICCO					30/11/2012	PSOW 13	Move 3 No OLEs (St John's Church) to central reserve	30/11/2012	32,642.25		24,197.37	5,477.40	2,967.48	9.09%	
40	535	ICCO					30/11/2012	PSOW 13	Scottish Water Diversion at Junction of Princes Street and South St David Street	30/11/2012	252,985.51		187,535.59	42,451.24	22,998.68	9.09%	
43	551	ICCO					30/11/2012	PSOW 13	Xmas Embargo demob. and temp. reinstatement	30/11/2012	203,510.77		150,860.47	34,149.32	18,500.98	9.09%	
52	554	ICCO					30/11/2012	1CD 15	1CD: Early Implementation Of Tm Phase 4 & 5	30/11/2012	238,543.63		176,630.12	40,027.91	21,685.80	9.09%	
55	564	ICCO					30/11/2012	1CD 15	1CD: Work Site Modelling for revised On Street Traffic Management arrangements	30/11/2012	9,416.02		6,980.00	1,580.02	866.00	9.09%	
68		ICCO					30/11/2012	1D 14	1D: Utilities Affecting Ability To Place System Drainage	30/11/2012	41,866.65		31,035.32	7,025.27	3,806.06	9.09%	
69		ICCO					30/11/2012	1D 14	1D: Geotextile Liner To Clifton Terrace Void	30/11/2012	1,760.16		1,304.79	295.36	160.01	9.09%	
72		ICCO					30/11/2012	1D 14	1D: Utilities affecting the construction of OHLE foundations in Shandwick	30/11/2012	280,699.43		208,079.64	47,101.66	25,516.13	9.09%	
77	583C	ICCO					30/11/2012	SW 13/14/15	Clarification of requirements for sets on the On Street Works	30/11/2012	26,329.00		21,000.00	4,753.64	2,575.36	9.09%	
79		ICCO					30/11/2012	1C 12	1C: St Andrew Sq: Third Party affecting our ability to progress the works	30/11/2012	178,836.88		132,569.96	30,009.02	16,257.90	9.09%	

2.08a Approved Change Orders

PRC	INC	ICD	EST	Design	EST	COST	M-11	Section / Activity	Description	Date Issued	Revenue	Job Estimate Budgets					Revenue		
												EST	Design	Construction	Provision	Margin		Margin %	
87		ICCD						1C	12	IC: Utilities affecting the construction of OHLE foundations in St Andrew Sq	30/11/2012	37,550.33			27,835.68	6,300.99	3,413.67	9.09%	
88	581C	ICCD						1CD	12/14	ICD: Residual Road Value Engineering	30/11/2012	35,234.22			26,118.77	5,912.34	3,203.11	9.09%	
99		ICCO						1D	15	1D: Utilities affecting the ability to progress track excavation Shandwick S1	30/11/2012	10,915.24			8,091.36	1,631.59	992.29	9.09%	
100		ICCO						1D	15	1D: Utilities affecting the ability to progress track excavation Shandwick S2	30/11/2012	9,592.41			7,103.34	1,607.94	671.13	9.09%	
101		ICCD						1D	15	1D: Third Parties affecting the ability to progress track excavation Shandwick S2	30/11/2012	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	30/11/2012	8,865.24			6,566.54	1,490.95	807.75	9.09%	
108		ICCO						1CD	13	1CD: Mound Works	30/11/2012	30,374.66			22,516.43	5,096.90	2,761.33	9.09%	
109		ICCO						1CD	13	1CD: Manhole Inspections and Duct Proving	30/11/2012	23,080.46			17,109.31	3,672.93	2,098.22	9.09%	
110		ICCO						1CD	13	1CD: Duct Chamber and bedding drawing amendments	30/11/2012	9,426.15			6,987.51	1,561.72	656.92	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 IT to action	30/11/2012	5,591.32			4,144.79	938.23	508.30	9.09%	
127		ICCO						1D	14	1D: Utilities affecting ability to install System Ducting through S2 (South Duct Bank)	30/11/2012	17,284.16			12,612.57	2,900.30	1,571.29	9.09%	
128		ICCO						1D	14	1D: Remove and Reinstall with Traps IMU and Track Drainage laid by other within H1	30/11/2012	4,677.71			3,467.54	784.92	425.25	9.09%	
129		ICCO						1D	14	1D: Discovery of unsuitable material below formation of base 131204A within H2	30/11/2012	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 Intraco on 21 May 2012	30/11/2012	668.17			495.31	112.12	60.74	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	30/11/2012	1,062.30			787.47	178.25	96.57	9.09%	
133		ICCO						1D	14	1D: Excavate Trial Holes in locations of three pits through Shandwick S4 behind the existing stone wall to establish foundation depth	30/11/2012	3,299.24			2,445.69	553.62	289.93	9.09%	
135		ICCO						1D	14	1D: Remove and Reinstall with Traps IMU and Track Drainage laid by other within S1 (East end) and S2	30/11/2012	9,043.56			6,709.90	1,517.52	822.14	9.09%	
137	637	ICCO						1C	13	1C: Remove existing pedestrian crossing at junction of St Andrews Square and Princes Street	30/11/2012	3,027.28			2,244.09	507.96	275.21	9.09%	
144	639D	ICCO						1C	15	1C: York Place Closure: Design, Enabling and Ongoing Maintenance	30/11/2012	154,406.20			114,459.75	25,909.53	14,036.93	9.09%	
145	645	ICCO						PSOW	13	PSOW: Outstanding Works to Princes Street	30/11/2012	189,144.02			140,210.54	31,738.57	17,194.91	9.09%	
157		ICCO						1D	14	1D: Widening of track excavations due to installation of floating track slab in H3 Outbound	30/11/2012	3,014.45			2,234.58	505.93	274.04	9.09%	
158		ICCO						1D	14	1D: Remedial works to reinstatement of the formation level and collapsed ducts in handed back areas (SP1 & SP3)	30/11/2012	5,217.15			3,867.42	675.44	474.29	9.09%	
159		ICCO						1D	14	1D: Works required to deal with existing services within Comms and Traction duct trenches within H1, H2 & H3	30/11/2012	13,692.92			10,150.42	2,297.69	1,244.81	9.09%	
160		ICCO						1D	14	1D: Utilities affecting the working space to all OHLE bases within H2 impacting on formwork and reinforcement	30/11/2012	3,027.78			2,294.46	508.06	275.25	9.09%	
161		ICCO						PSOW	13	PSOW - Remedial works to Traffic Signal works	30/11/2012	5,534.43			4,102.62	928.68	503.13	9.09%	
162		ICCO						PSOW	13	PSOW: Watermain Ducting (previously T1A4)	30/11/2012	13,490.00			10,000.00	2,263.64	1,226.36	9.09%	
163		ICCO						PSOW	13	PSOW: Additional OLE Remedials (previously T1A3)	30/11/2012	3,322.45			2,462.90	557.51	302.04	9.09%	
164		ICCO						PSOW	13	PSOW - Traffic signal ducting works - drawing change	30/11/2012	2,872.80			2,129.58	482.06	261.16	9.09%	
165		ICCO						PSOW	13	PSOW: Tram Stop Additional Works (previously T1A2)	30/11/2012	16,515.04			12,292.43	2,771.24	1,501.37	9.09%	
166		ICCO						PSOW	13	PSOW: Water Valve (previously T1A1)	30/11/2012	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	30/11/2012	1,132.85			639.77	190.09	102.99	9.09%	
167		ICCO						1D	14	Remediation handback to H1,2,3	30/11/2012	3,679.55			2,727.61	617.43	334.50	9.09%	
168		ICCO						1D	14	OLE 131,126A fill below formation	30/11/2012	8,264.62			6,126.48	1,386.81	751.33	9.09%	
190		ICCO						PSOW	13	PN43 Investigation	30/11/2012	988.91			733.07	165.94	89.90	9.09%	
191		ICCO						1D	14	Contaminated Material in SP4	30/11/2012	61,619.10			45,677.61	10,339.75	5,601.74	9.09%	
193		ICCO						1D	14	Placement and removal of material between track slab in SP2 & SP6	30/11/2012	1,933.78			1,433.49	324.49	175.50	9.09%	

2.08a Approved Change Orders

PRC	INC	ICD	EST	Design	EST	COST	3rd-11	Section / Activity	Description	Date Issued	EST	Revenue	Job Estimate Budgets					Revenue	
													EST	Design	Construction	Profit/loss	Margin		Margin %
205		ICCO					✓	1D 14	Shandwick Place, additional kerbing and footpath reinstatement	30/11/2012		17,600.89			13,047.36	2,953.45	1,600.08	9.09%	
206		ICCO					✓	1C 12	Cathedral Lan Substation Investigation Works	30/11/2012		1,965.05			1,471.50	333.09	190.46	9.09%	
220		ICCO					✓	1C 12	Additional Central Reserve Works	30/11/2012		6,268.12			4,646.49	1,051.80	569.83	9.09%	
227		ICCO					✓	1C 12	York Place Hoarding	30/11/2012		1,899.65			1,406.19	318.76	172.70	9.09%	
TOTALS												9,374,212.69	4,970,981.09	1,334,069.55	475,819.13	1,200,097.48	1,393,245.44	14.86%	
												7,980,967.25							

Project: **Edinburgh Tram Network**
 as per: **30/11/2012**

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	
102	612 A				SW	Tramstop, Branding Changes - On-Street	26/04/2012						
105	617 A				SW	Tram Stops, Branding Changes - Off-Street	26/04/2012						
113	625				1D	SDS to provide full time attendance for 4wks at Cathedral Lane	10/05/2012						
139	669					Excavate and remove substandard backfill from SGN new gas main	17/07/2012	16,064	10,442	7,229	16,064	+	
154	666				SW On	Defer installation of Tramstop shelter and Fit Out. (Siemens reference SV-0219)	22/06/2012						
166	626				SW	Update Utility Drawings to reflect MUDPA contractors work	15/08/2012						
192	675				2A	Removal of concrete surrounding Scottish Water meter	14/08/2012	12,507	6,130	5,626	12,507	+	
216	699				1D	Pedestrian Walkway adjacent to work site on Dalry Road from Ryries Bar to Haymarket Bar to facilitate pedestrian movement between Haymarket Station and the city centre.	07/09/2012						
220					1C	Princes Street central reservation additional works	12/11/2012						
221	697				1D	Remedial works to OLE foundations in Clifton Terrace	21/09/2012						
222	707 A				1C	Traffic Management adjacent to Apple store	27/09/2012						
224					1C	Construction of Cathedral Lane Substation and Retaining Walls	06/10/2012	226,360	147,134	101,862	226,360	+	
225	700				1D	Construction works related to INC 571, 571A & 571B	11/10/2012						
226	696					Carry out surveys to locate SGN Gas Main and provide as built drawings	12/10/2012						
228	713				2A/5A	Construction works associated with LOO Conflicts at Haymarket and W18	23/10/2012						
229	711				2A	Fencing requirements for Murrayfield, Scotrail and Royal Mail	29/10/2012						
230	712				5A	Install ramp and security fence at Murrayfield Wanderers Football Club	29/10/2012	34,762	22,595	15,643	34,762		
232	714				5B	Edinburgh Park Central Lighting	05/11/2012						
233	716				1C	De scope of High Friction Surfacing	08/11/2012						
236	723				1C	Road Safety Audit - Princes Street	19/11/2012						
TOTALS								391,894	188,301	130,362	289,694	+	
											submitted	to be submitted	
											maximum potential of changes		289,693.64

Project: **Edinburgh Tram Network**

as per: **30/11/2012**



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													
45	MONTH	5,817,390	51	8,367,001	8,377,620	10,619	0	0	0	8,377,620	11/01/2012	11/01/2012	8,377,620
Jan-12	ACCUM.	141,805,131		148,828,874	148,475,722	-353,153				148,475,722			148,475,722
46	MONTH	6,517,767	52	18,534,058	18,725,058	191,000	0	0	0	18,725,058	08/02/2012	08/02/2012	8,542,616
Feb-12	ACCUM.	148,322,898		167,362,933	167,200,780	-162,153				167,200,780			157,018,338
47	MONTH	7,419,040	53	9,284,501	9,553,209	268,707	0	0	0	9,553,209	07/03/2012	07/03/2012	10,182,463
Mar-12	ACCUM.	155,741,938		176,647,434	176,753,989	106,555				176,753,989			167,200,801
48	MONTH	7,646,215	55	8,211,478	7,408,088	-803,390	0	0	0	7,408,088	04/04/2012	04/04/2012	9,553,187
Apr-12	ACCUM.	163,388,153		184,858,912	184,162,077	-696,836				184,162,077			176,753,988
49	MONTH	7,265,678	56	9,238,301	9,622,713	389,412	0	0	0	9,622,713	30/05/2012	30/05/2012	17,030,802
May-12	ACCUM.	170,653,831		194,092,213	193,784,790	-307,424				193,784,790			193,784,790
50	MONTH	7,719,717	57	8,041,083	8,194,310	153,228	0	0	0	8,194,310	27/06/2012	27/06/2012	8,194,310
Jun-12	ACCUM.	178,373,548		202,133,296	201,979,100	-154,196				201,979,100			201,979,100
51	MONTH	5,929,851	58	9,825,417	8,193,108	-1,632,309	0	0	0	8,193,108	25/07/2012	25/07/2012	8,193,108
Jul-12	ACCUM.	184,303,399		211,958,713	210,172,208	-1,786,505				210,172,208			210,172,208
52	MONTH	6,582,927	59	6,502,185	7,663,214	1,161,029	0	0	0	7,663,214	22/08/2012	22/08/2012	7,663,214
Aug-12	ACCUM.	190,886,326		218,460,898	217,835,422	-625,476				217,835,422			217,835,422
53	MONTH	4,117,946	60	3,307,001	6,848,639	3,541,638	0	0	0	6,848,639	19/09/2012	19/09/2012	6,848,639
Sep-12	ACCUM.	195,004,272		221,767,899	224,684,061	2,916,162				224,684,061			224,684,061
54	MONTH	11,276,883	61	12,121,958	12,575,673	453,715	0	0	0	12,575,673	17/10/2012	17/10/2012	12,575,673
Oct-12	ACCUM.	202,163,209		230,582,856	230,411,095	-171,761				230,411,095			230,411,095
55	MONTH	12,918,631	62	15,390,910	12,185,468	-3,205,443	0	0	0	12,185,468	14/11/2012	14/11/2012	12,185,468
Nov-12	ACCUM.	207,922,903		237,158,809	236,869,529	-289,280				236,869,529			236,869,529
												236,869,529	

Project: **Edinburgh Tram Network**

as per: **30/11/2012**



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 12/09 P25	19/07/2012	1	0	0%	3 no. Observation/Suggestion for improvement
ETN QA 12/11 Coffey	07/09/2012	2	1	50%	3 no. Observation/Suggestion for improvement
ETN QA 12/18 P92	05/09/2012	1	0	0%	0 no. Observation/Suggestion for improvement
ETN QA 12/24 Crummock	11/09/2012	2	1	50%	3 no. Observation/Suggestion for improvement
ETN QA 12/12 Bilfinger Requirements	13+20/09/2012	3	2	67%	3 no. Observation/Suggestion for improvement

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

Audit-No	Date	NCRs raised	NCRs Closed-Out	% Closed	Corrective Actions
T&T Quality Audit 12/01	17/07/2012	1	1	100%	
BSI Audit	14-15/11/2012	0	0	N/A	


2. Inspection and Testing

Section	ITPs				Non-Audit NCRs				
	Planned	In-Production	Completed	% Comp'd	Raised		Closed out		
					Total	Month	Total	Month	%
1A	66	0	6	9%	9	-	8	-	89%
1B	-	-	-	-	-	-	-	-	-
1C,1C/D St A Sq, Princes St	35	11	26	74%	36	3	29	4	81%
1D	57	22	46	81%	36	12	16	1	44%
2	33	26	21	64%	111	0	106	2	95%
5A	82	47	39	48%	41	5	29	6	71%
5B	97	35	67	69%	80	3	31	2	39%
5C	53	16	40	75%	57	4	34	3	60%
6	36	0	36	100%	125	0	124	0	99%
7	162	40	149	92%	63	2	44	3	70%
System NCRs (non-audit)					558	29	421	21	75%
Cancelled					18	1	18	1	100%

3. Further quality-related events during this month

(please describe shortly)

Bi-weekly Quality Surveillance reports relating to civils subcontractors are being compiled and issued on Conject/BIW. The compilation of records for section B handover is continuing with Inspection and Test Records being received from Farrans. The BSI 3 badge surveillance audit was held on the 14th and 15th of November. No Quality NCR's were raised.

Project: Edinburgh Tram Network as per: 30/11/2012					 BILFINGER BERLINER CONSTRUCTION GROUP		
2.12 Safety Information System - SIS							
Bilfinger Berger Civil⁵ - Monthly Safety Report						Form Nr 0611 a	
Month	Nov-12		Prepared by		[Redacted]@bilfinger.co.uk		
Site or office and Units	BBIB¹ Managers, Supervisors, Foremen	BBIB¹ workers	JV people under BBIB control	Sub-contractors³	Agency / hired people / BBSE workers eg BIS	Total	Others, eg public
Number	62		44	395		501	
Hours ²	10147		6819	73202		90168	
Accidents in this month (If no accidents but a previous accident person is still away from work, write in calendar days lost but leave accident space clear)							
Fatal							
Serious: over 3 days injury							
Duty travelling / commuting 1D+							
LTI: 1 -3 days injury							
1st Aid only				1		1	
Calendar days lost this month + from any previous ongoing accidents							
Incidents							
Damage				3		3	
Environment Ecology / Pollution							
Not work related eg flood, bomb scare							
Near misses, hazards reported							
Details of this months Fatal, Serious accidents (3d+) or serious incidents, and any previous non-RTW accidents, plus any work-related 'Health' incidents							
P Name or incident location/Ref	Employer	Injury / Incident			date of acc / Inc	Return to work date ⁴	Cal days lost this month. Max 30
Return to OHS-Wi by 8th of following month		OHS-Wi email: QM@civil.Bilfinger.com			OHS-Wi fax 0049 (0)611 708 769		
<small> 1. Average number of BBIB staff or site workers during the month. 2. Hours should be included if known. Do not leave boxes blank eg make an estimate or multiply number of staff by monthly hours worked eg x 200 3. Subcontractor numbers should be estimated if no exact figure known. Average part time workers over month eg 10 workers for half a month = 5. 4. If Return To Work (RTW) date has not yet occurred, keep name in box until RTW date known 5. These are summary BBIB Group figures including all R&T's on site. For separate Regions or Technology Reports, please send a R&T specific report to the R&T 6. Days lost are now calendar not working days, but maximum 180. You may have days lost to continue to report from an old accident but no accidents this month *Definition for a 3D+ accident includes weekends but not day of accident. You should check if man is <u>available</u> or fit for work during a weekend, then it may not be a 3Day+ </small>							

2.13 Project Photographs

Picture 01

Section 1C

York Place



Picture 02

Section 1C

St Andrew Square / Princes Street



2.13 Project Photographs

Picture 03

Section 1C

Princes Street / St Andrew Square

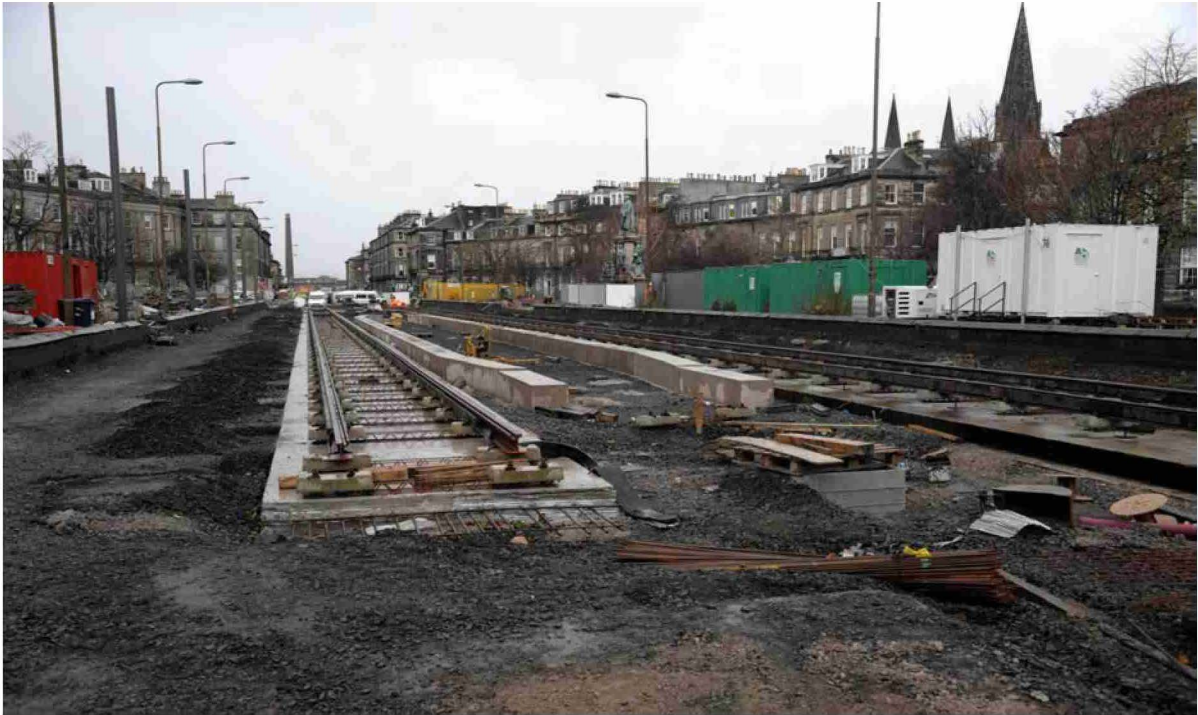


2.13 Project Photographs

Picture 04

Section 1D

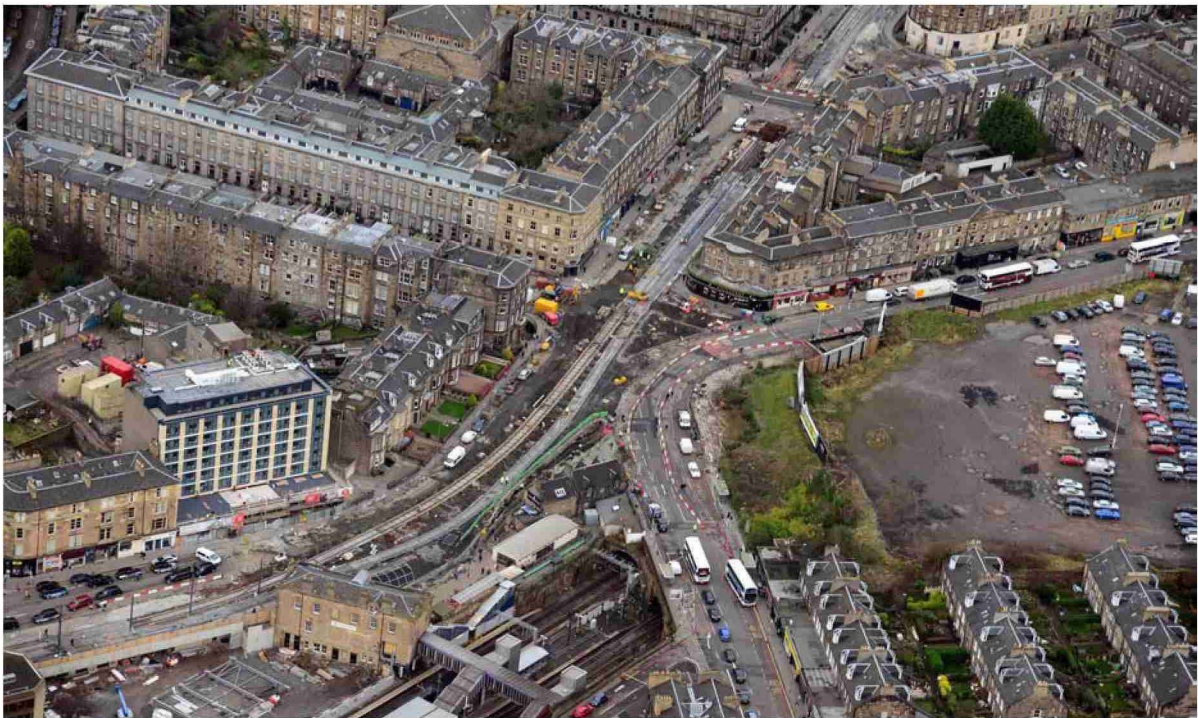
Shandwick Place



Picture 05

Section 1D

Haymarket / West Maitland Street

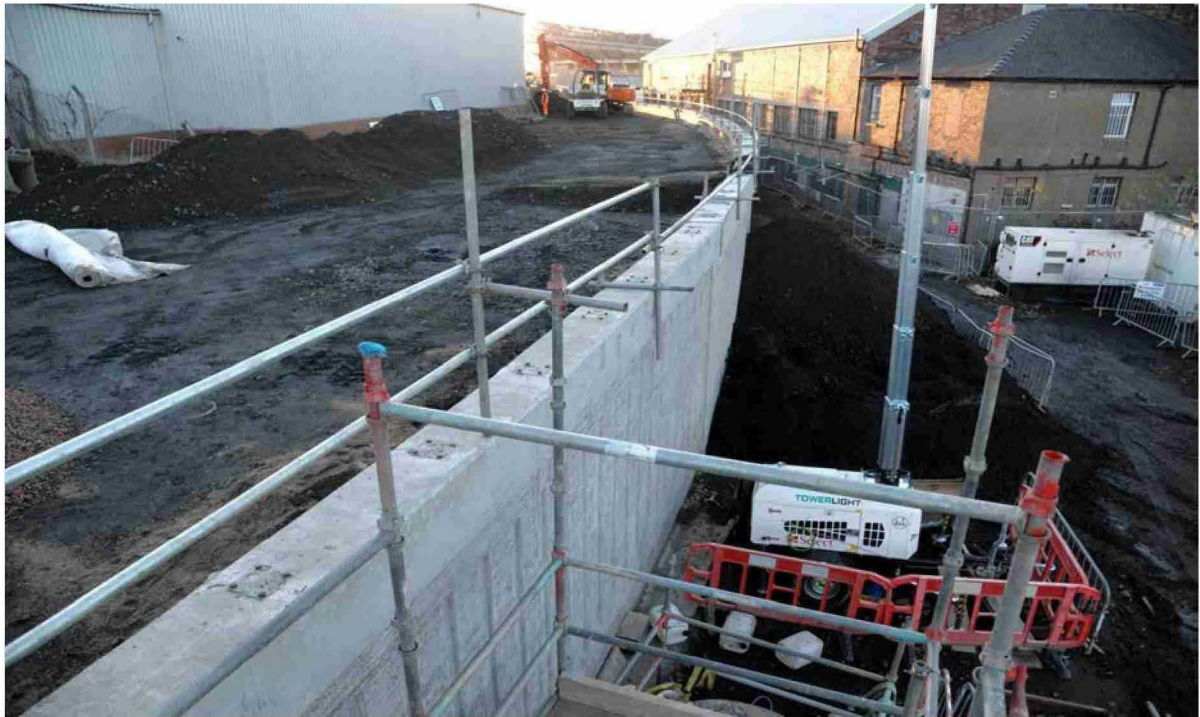


2.13 Project Photographs

Picture 06

Section 2A/5A

Russell Road Retaining Wall (RRRW)



Picture 07

Section 5A

RRRW / Murrayfield Tramstop / Roseburn Viaduct



2.13 Project Photographs

Picture 08

Section 5A

Roseburn Viaduct



Picture 09

Section 5A

Russell Road Bridge



2.13 Project Photographs

Picture 10

Section 5A

Murrayfield Retaining Walls



Picture 11

Section 5B

South Gyle Access Bridge



2.13 Project Photographs

Picture 12

Section 5B

Balgreen Bridges



Picture 13

Section 5C

Lochside Avenue / Lochside Crescent



2.13 Project Photographs

Picture 14

Section 5C / 6

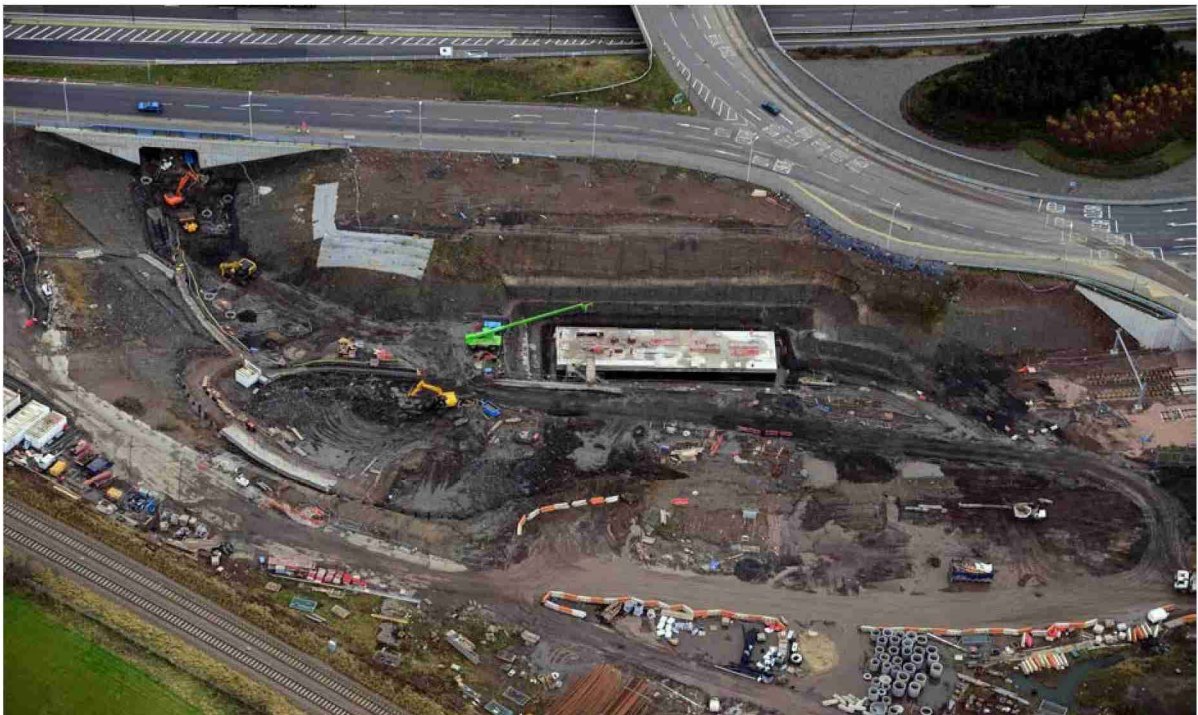
A8 Underpass / Edinburgh Gateway / Depot



Picture 15

Section 5C

Edinburgh Gateway - Attenuation Tank

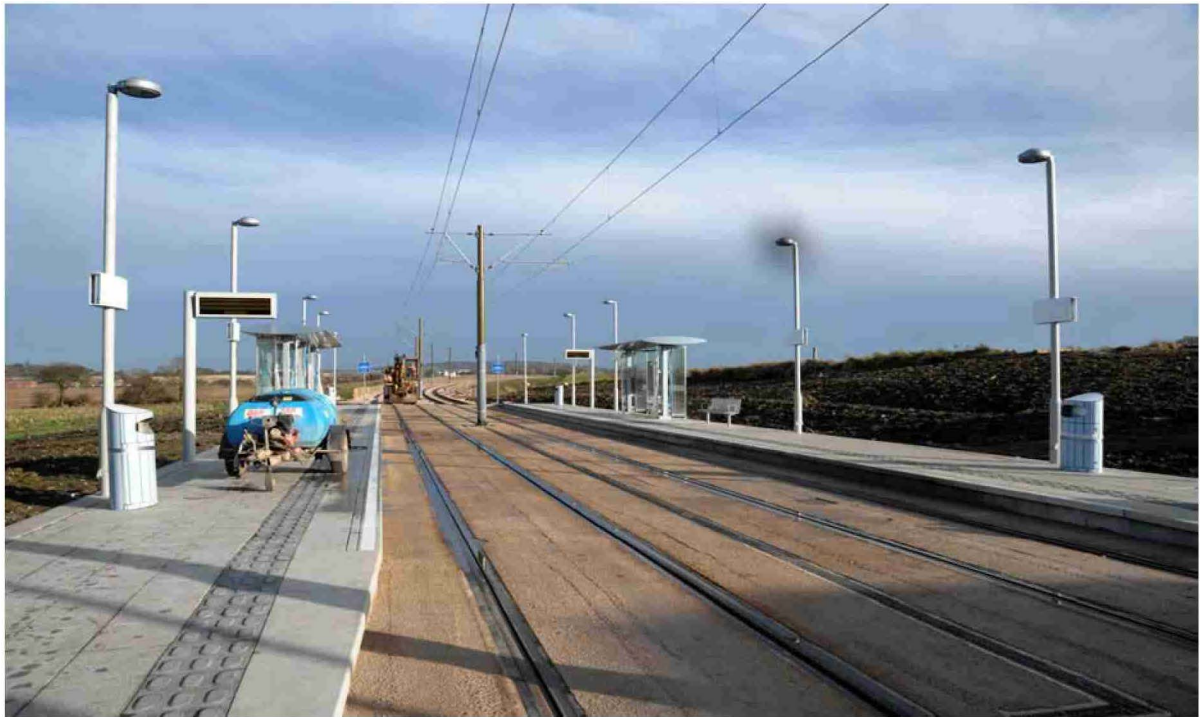


2.13 Project Photographs

Picture 16

Section 7

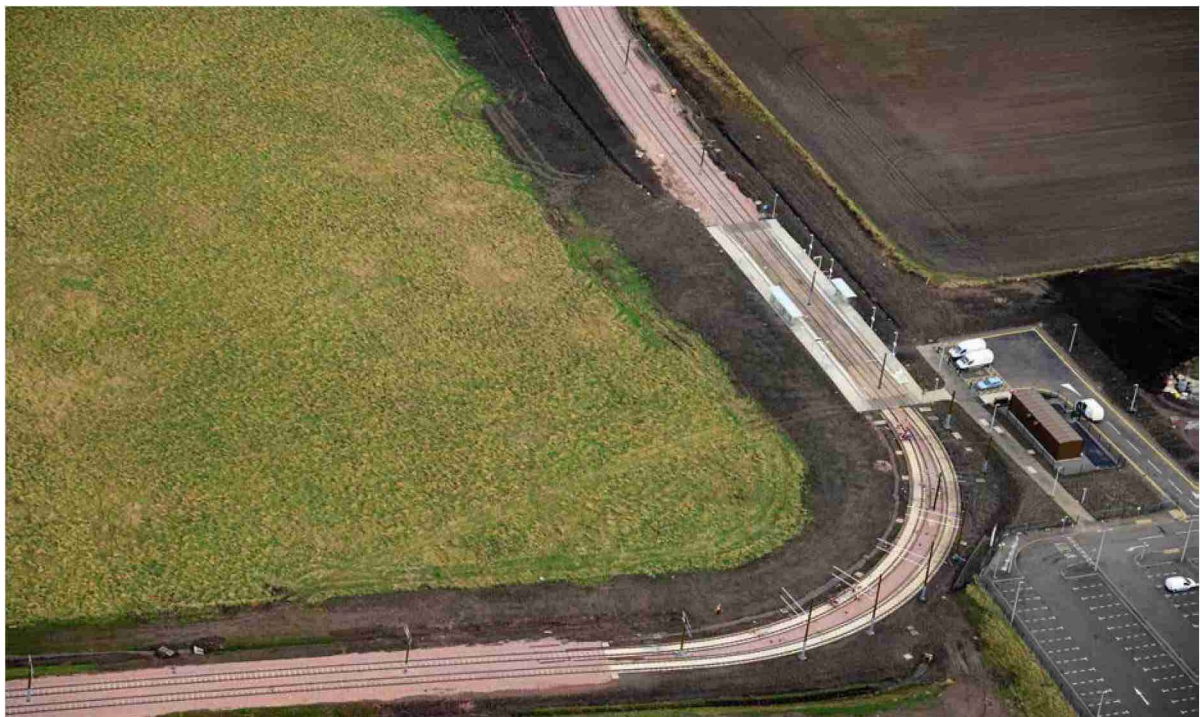
Ingliston P&R Tramstop



Picture 17

Section 7

Ingliston P&R Tramstop



2.13 Project Photographs

Picture 18

Section 7

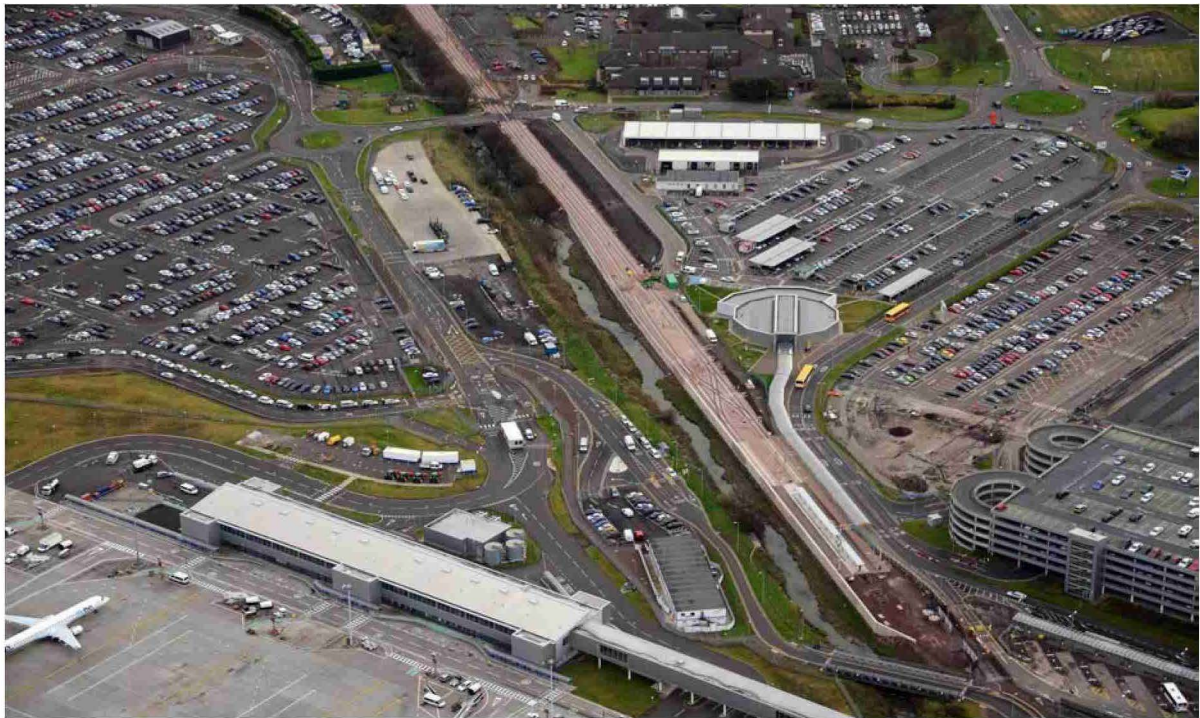
Airport Tramstop



Picture 19

Section 7

Airport Tramstop



3.01 Overview of Contingencies

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