

Based on Apr'10 AFP 41 & Apr'10 CERT 41

All Variances Between AFP & Certificate

45,444,227 29,349,175 -16,095,052

Count		Current				%	Current	
		AFP	Cert	Diff	% of Difference			
1.00	MOS	148,018	13,168	-134,850	-91%		9%	
1.00	Entitlement	13,244,871	1,109,426	-12,135,445	-92%		771%	
1.00	tie Deductions	-15,000	-794,933	-779,933	5200%		50%	
19.00	Enabling	7,625,105	6,582,676	-1,042,430	-14%		66%	
13.00	Measure	15,053,501	13,484,291	-1,569,210	-10%		100%	
6.00	Sep'08 Settlement	34,833	5,971	-28,863	-83%		2%	
5.00	Bypass	687,594	69,840	-617,754	-90%		39%	
1.00	A8 Sewer	1,859,298	1,792,924	-66,374	-4%		4%	
18.00	NPO	488,457	392,156	-96,300	-20%		6%	
1.00	Other (Non WS)	31,088	21,394	-9,694	-31%		1%	
11.00	Other (WS)	174,629	71,290	-103,339	-59%		7%	
1.00	CCTV	547,070	495,000	-52,070	-10%		3%	
4.00	Logistic Support	837,753	641,401	-196,351	-23%		12%	
15.00	Slew Utilities	88,297	27,841	-60,456	-68%		4%	
1.00	Mound Gas Main	572,982	415,288	-157,694	-28%		10%	
7.00	Disrupted Plant	181,259	7,269	-173,990	-96%		11%	
1.00	Artificial Obstruction	10,168	10,168					
11.00	Supply Connections	146,702		-146,702	-100%		9%	
1.00	Demolish Chamber	40,287	23,423	-16,863	-42%		1%	
21.00	Utility Abandonment	276,692	43,127	-233,565	-84%		15%	
3.00	Exc Abandonment	57,558	10,345	-47,214	-82%		3%	
800.00	Agreed(*)							
1897.00	Agreed	31,908,418	31,908,418					
2839.00	TOTAL	28,555,351	26,981,306	-1,574,045	-6%		100%	
2839.00	Check against actual totals (April AFP/Cert)	74,854,162	56,311,974	-18,542,188			1178%	
	Check	-46,298,811	29,330,667	16,968,144				

Change Control	Description	Current				%	Category	tie	CUS	Schedules	Progress
		AFP	Cert	Diff	%						
CR 1-50											
4	PC Services; Martin Meehan (Susan Clark). Working days	9,483	9,483				Agreed			AS	
5	Provide 5 nr vehicles for the exclusive use of tie staff	28,483	28,483				Agreed			3rd >£10k Agreed JC/JC 23/04 email	
6	Provide 4 No. Additional telephone handsets for tie site offices						Agreed			AS	
7	Proposed temporary extension to Ingliston Park and Ride						Agreed			AS	
7	Trial Investigations at car park. Limit of authority to spend = £6,000						Agreed			AS	
9	PC Services - Requirement of Management input to Design Detail and Definition (RATS process).						Agreed			AS	
10	tie office requirements - vehicles & IT (Dedicated printer / scanner)						Agreed			AS	
11	Construction Services Programme Rev.001 imposing Stakeholder requirements						Agreed			AS	
12	MUDFA trial holes - proposals						Agreed			AS	
13	Electronic copies of Non-PCS Deliverables						Agreed			AS	
14	Traffic Management - Specialist Support						Agreed			AS	
17	Emergency Works - IPR; as substantiated in the January 07 Application	4,487	4,487				Agreed			AS	
20	SDS Design Drawings reproduction	1,581	1,581				Agreed			AS	
21	Removal of contaminated material - Casino Square (P. Sum 2/5/h)						Agreed			AS	
24	St. Andrews Square; additional non MUDFA works						Agreed			AS	

Authorised as agreed by CUS-----date-----

Authorised as agreed by tie-----date-----

Change Control	Description	Current				Comments				Progress
		AFF	Cert	Diff	%	Category	tie	CUS	Schedules	
28	GOGAR - SEPARATE REGISTER					Agreed			AS	
30	Ingliston Depot - AMIS/Purvis design costs	6,000	6,000			Agreed			AS	
31	Archaeological watching brief during excavation works.					Agreed			AS	
32	Additional accommodation and facilities required for tie personnel.	10,432	10,432			Agreed			AS	
33	New badger set					Agreed			AS	
35	Tram Logo's on pedestrian barriers	2,040	2,040			Agreed			AS	
36	Tram Logo's on protective clothing	449	449			Agreed			AS	
37	Reinstatement trial area	5,443	5,443			Agreed			AS	
38	Standing time for site vehicles - no continuity of site works	2,024	2,024			Agreed			AS	
39	Hygiene Training for tie & SDS personnel	305	305			Agreed			AS	
43	Testing for contaminated land at Leith Docks Area	14,497	14,497			Agreed			AS	
44	AMIS MUDFA - Additional support to SDS provider (TUD's & TQ's)	21,687	21,687			Agreed			AS	
45	Supply dedicated letter drop subcontractor and distribute customer information packs for each Work Order	23,695	23,695			Agreed			AS	
46	Temporary Accommodation Requirements (Alteration to tie office fittings)	1,050	1,050			Agreed			AS	
47	WORK ORDER 1A-03-01 (Ocean Drive) - SEPARATE REGISTER					Agreed			AS	
48	WORK ORDER 1B-01-01 (Leith Walk) - SEPARATE REGISTER					Agreed			AS	
49	Additional support to manage Symology system					Agreed			AS	
51	Princes Street Trial Holes (Part 1)	6,939	6,939			Agreed			AS	
52	Leith Walk Trial Holes	205,554	205,554			Agreed			AS	
53	OCIP Insurance now in place, AMIS insurance cover no longer required (2.8% value up to and including 22/07/2007)	70,883	70,883			Agreed			3rd >£10k	TL/JC agreed 26/05
54	Archaeological watching brief during excavation works.	124,562	124,562			Agreed			3rd >£10k	Agreed JC/JC 23/04 email
55	Provide Testing Facilities					Agreed			AS	
56	Schedule 13 impact on construction activities					Agreed			AS	
60	Trial Holes - Gogar (Section 7A) on lay-by, 2# requested by tie	3,241	3,241			Agreed			AS	
63	Staff Procurement					Agreed			AS	
64	Pre-programme Rev 06					Agreed			AS	
65	Co-ordinates for Street Furniture	60	60			Agreed			AS	
67	Additional AMIS insurances required since not included in tie OCIP					Agreed			AS	
68	Contaminated soil testing in Leith Walk trial holes	437	437			Agreed			AS	
69	WORK ORDER 5A-08-02 (Roseburn) - SEPARATE REGISTER					Agreed			AS	
70	Additional AMIS input into SUC & stakeholder interfaces					Agreed			AS	
75	WORK ORDER 6A-01-01 (Gogar MUDFA) - SEPARATE REGISTER					Agreed			AS	
76	Princes Street Trial Holes - Part 2	5,891	5,891			Agreed			AS	
82	Accommodation for tie Limited is currently 21#, the AMIS tender included allowance for 10#. Additional is partly addressed under Clause 46. Remainder will be addressed under re-phased prelims					Agreed			3rd >£10k	
83	DKE, GML & LOD to be marked out by independent contractor (not AMIS responsibility)	10,577	10,577			Agreed			AS	

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Change Control	Description	Current				Comments				Progress
		AFF	Cert	Diff	%	Category	tie	CUS	Schedules	
85	Trial Holes in Shandwick place (Part 1)	4,913	4,913			Agreed			AS	
86	Trial Holes in Princes Street (Part 3)	52,192	52,192			Agreed			AS	
89	WORK ORDER 1C-01-02 (Princes St) - SEPARATE REGISTER					Agreed			AS	
90	WORK ORDER 1D-05-02 (Princes St) - SEPARATE REGISTER					Agreed			AS	
91	Confirmation of Road Make-up at St.Andrews Square Start date	1,077	1,077			Agreed			AS	
94	Trial Holes in Shandwick Place (PART 2)	90,325	90,325			Agreed			AS	
95	Empty skip at Stead Place	281	281			Agreed			AS	
97	Delay & Disruption resulting in weekend working	5,922	5,922			Agreed			AS	
99	WORK ORDER 1C-02-01 (St Andrew Square) - SEPARATE REGISTER					Agreed			AS	
100	WORK ORDER 1C-02-01; SEPARATE REGISTER					Agreed			AS	
103	WORK ORDER RAT 7A/02/01					Agreed(*)				
104	Inspect Arch of Bridge and dig trial holes	1,429	1,429			Agreed			AS	
105	St Andrew Square Trial Holes (Part 2)	26,982	26,982			Agreed			AS	
107	WORK ORDER 1B/02/01					Agreed(*)				
110	Constitution Street Trial Holes	97,813	97,813			Agreed			AS	
111	Stationary for printing drawings for Work Orders	340	340			Agreed			AS	
113	Additional Trial Hole @ Request of tie	542	542			Agreed			AS	
114	Escalation of labour costs as part of agreed settlement	144,770	144,770			Agreed			AS	
115	Reliance on stop/start sub-contract labour extra over costs	130,000	130,000			Agreed			AS	
116	Potential indexation related to revised spend profile	250,000	250,000			Agreed			AS	
117	Underecovery of overheads	198,000	198,000			Agreed			AS	
118	Additional recruitment costs	10,881	10,881			Agreed			AS	
119	Delay & Disruption to Princes Street works (1C/01/02 & 1D/05/02)	7,523		-7,523	-100%	Sep'08 Settlement			3rd	Item certified by tie at time of Sep'08 settlement 7,523
120	Provision of an external Planning Manager & Managing QS - Included in CC109					Agreed			AS	
121	De-mobilise city centre works 1 week prior to planned date	10,946		-10,946	-100%	Sep'08 Settlement			3rd >£10k	Item certified by tie at time of Sep'08 settlement 10,946
123	Construct stage for tie promotional video	2,167	2,167			Agreed			AS	
124	Additional Traffic Management Signage	4,355	4,355			Agreed			AS	
126	GPS Projection based on Local Grid Co-ordinates to be carried out by L&M Surveys	2,392	2,392			Agreed			AS	
127	Shandwick Place to Haymarket (Trial Holes)	49,704	49,704			Agreed			AS	
128	Supply & install taxi stance signs	1,366	1,366			Agreed			AS	
130	Repair pot holes to road in front of MUDFA offices	4,963	4,963			Agreed			AS	
131	Remove Princes St mass barrier on 31/12/07 & replace on 03/01/08	4,581	4,581			Agreed			AS	
133	AMIS to instruct Chubb to continue for 4 weeks from Friday 9th Nov 2007 (MOVED FROM GOGAR 28.4)	4,641	4,641			Agreed			AS	
134	Wider area signage & auxiliary signage	23,890	23,890			Agreed			AS	
135	Part of global claim					Agreed			AS	
136	Supervision required for Work Sites on Weekends	10,000	10,000			Agreed			3rd >£10k	TL/JC agreed 26/05
137	Supervision required for Change Control Items on Weekends & Nightshifts	1,000	1,000			Agreed			3rd	TL/JC agreed 26/05
138	Call out cover for Gogar Depot Site over Xmas and New Year holiday period	2,176	2,176			Agreed			AS	
142	Vehicle for tram helpers	5,678	5,678			Agreed			AS	

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Change Control	Description	Current				Comments			Schedules	Progress
		AFP	Cert	Diff	%	Category	tie	CUS		
144	ON SEPARATE REGISTER					Agreed(*)				
145	Extra over on materials for using tactile slabs where necessary	3,472	3,472			Agreed			AS	
147	Trial Holes (Haymarket - Network Rail)	2,374	2,374			Agreed			AS	
151	Street Furniture (**SEE SEPERATE REGISTER**)					Agreed(*)				
152	Hire of MASS Barrier	1,041,895	1,041,895			Agreed			top 14	TL/JC agreed 26/05
159	Damage to laminating machine	126	126			Agreed			3rd <£2k	
161	Supply of 12 temporary NAL foundation blocks	4,243	4,243			Agreed			AS	
165	Installation of bases and sleeves for various sign posts	14,057	14,057			Agreed			AS	
167	Under-recovery on fuel, oil, small tools and mobile phone for Change Control items (i.e. Not recovered when CARP rates used) - withdrawn					Agreed			3rd >£10k	Agreed TL/JC 11/03 Agreed JC/JC 23/04 email
168	Diversions over Leith Walk Rail Bridge	13,997	13,997			Agreed			top 14	
169	7B Design & Build	183,198	183,198			Agreed			AS	
173	Litter collection (Leith Walk)	14,492	14,492			Agreed			3rd >£10k	Agreed JC/JC 23/04 email
174	Non-domestic rates summary warrant					Agreed			AS	
178	Additional SUC Administration Requirements Assist Siemens with installation of Pedestrian crossings					Agreed			AS	
179	Provide road sweeper after accident on guided bus route 30/06/08	1,218	1,218			Agreed			AS	
180		133	133			Agreed			AS	
182	Use of foam concrete due to spacing and congestion of both existing and new utilities making compaction using Type 1 impractical and unlikely to achieve the required compaction.					Agreed			3rd	Agreed TL/JC 11/03
186	Purchase of Traffic Management signage	42,236	42,236			Agreed			AS	
188	Additional cost of labour standing down during August 08 embargo	56,226	56,226			Agreed			AS	
196	Make good defects in the road- Shandiwick PI & Lothian Rd. junction. Estimate only - not carried out					Agreed			AS	
199	tie Road Traffic Offences (RTO's)	131	131			Agreed			AS	
203	Works to meet Embargo Restrictions including backfill of trenches / excavations that will require re-opening and demobilisation of affected sites	119,000	119,000			Agreed			top 14	Change to agreed JC/TL 11/03
207	Baxters Place Survey	2,943	2,943			Agreed			AS	
209A	Additional Traffic Management Works Nov 08 to Aug 09	227,000	227,000			Agreed			top 14	Change to agreed JC/TL 11/03
209B	Additional Traffic Management Works For Sept '09 charged at 50%	9,669	9,669			Agreed			new	TL/JC agreed 26/05
209C	Additional Traffic Management Works For Oct, Nov, Dec '09	35,024	35,024			Agreed			new	TL/JC agreed 26/05
209.35	Install 24 No. RII poles to George Street, Assessed Elsewhere (see Master Change Control Register)	13,798	13,798			Agreed			3rd >£10k	TL/JC agreed 26/05
211						Agreed(*)				
212	Additional TM costs over Christmas period	4,721	4,721			Agreed			3rd	TL/JC apply 43% factor agreed 18/05 TL/JC apply 43% factor agreed 18/05
229	Supply SP ducts to Infraco	1,218	1,218			Agreed			new	
230	Hire of Rhino Barrier for the Mound	31,088	21,394	-9,694	-31%	Other (Non WS)			new	
248	Hire of Propping for Baxters Place underground Structure. Labour aspect claimed under CC189. Reallocated from CC221.10	3,673	3,673			Agreed			new	Agreed to apply 44% factor TL/JC 18/05

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Change Control	Description	Current				Comments				Progress
		AFF	Cert	Diff	%	Category	tie	CUS	Schedules	
249	Additional Temporary Backfill & Reinstatement o/s Tiles Bar as instructed by Frank McFadden (tie Infraco).	225	225			Agreed			new	TL/JC apply 43% factor agreed 18/05
47.1	Did not materialise					Agreed			AS	
47.2	Work Order 1A-03-01, Unchartered Services	682	682			Agreed			AS	
47.3	LABOUR UPLIFT (until 12/10/07 @ 100%)	57,824	57,824			Agreed			AS	
47.4	To be concluded					Agreed			AS	
47.5	Work Order 1A-03-01, Prima 100 LWD testing services					Agreed			AS	
47.6	Work Order 1A-03-01, Delays (CVI)	8,467	8,467			Agreed			AS	
47.7	Work Order 1A-03-01, Saturday & Sunday Working	1,337	1,337			Agreed			AS	
47.8	Work Order 1A-03-01, Delays (CVI)	8,606	8,606			Agreed			AS	
47.9	Work Order 1A-03-01, Delays					Agreed			AS	
47.11	Work Order 1A-03-01, Delays (CVI)	4,226	4,226			Agreed			AS	
47.13	Work Order 1A-03-01, Delays (CVI)	11,605	11,605			Agreed			AS	
47.14	To be concluded					Agreed			AS	
47.15	Work Order 1A-03-01, Abandonment of Forth Ports cables affecting diversions 1A/FPP/D/06, 07, 08, 09 & 10	6,940	6,940			Agreed			AS	
47.16	Work Order 1A-03-01, Delays for Artificial obstructions & Unchartered utilities	5,576	5,576			Agreed			AS	
47.17	Work Order 1A-03-01, Delays for Artificial obstructions	5,222	5,222			Agreed			AS	
47.19	To be concluded					Agreed			AS	
47.21	Work Order 1A-03-01, Delays for Artificial obstructions, demolishing chambers, & trial holes	6,396	6,396			Agreed			AS	
47.22	Work Order 1A-03-01, Supply & Install Scottish Water frame & covers	826	826			Agreed			AS	
47.24	Work Order 1A-03-01, Artificial obstructions	1,300	1,300			Agreed			AS	
47.26	Work Order 1A-03-01, Remove and replace kerbs & Unchartered services	1,634	1,634			Agreed			AS	
47.29	To be concluded					Agreed			AS	
47.33	Protectaline pipe required for dealing with Contaminated land (Also see CR 47.20)	4,691	4,691			Agreed			AS	
47.35	Various CVI's	1,560	1,560			Agreed			AS	
47.36	Additional valves etc					Agreed			AS	
47.37	Supply generator for Casino during FPP diversions and installations	1,640	1,640			Agreed			AS	
47.38	Concrete slab over diversion (C/way rate claimed in luj)					Agreed			AS	
47.39	Remove & replace kerbs	4,326	4,326			Agreed			AS	
47.40	Remove artificial obstructions	290	290			Agreed			AS	
47.42	Proceed FPP water meter and connections					Agreed			AS	
47.44	DISRUPTED PLANT ITEMS	6,215	6,215			Agreed			AS	
CR 48										
48.1	Additional Signage Request	3,679	3,679			Agreed			3rd	TL/JC apply 43% factor agreed 18/05
48.1 p2	Additional Signage Request					Agreed(*)			3rd	
48.1 p2 b	Supply 10 no. signs 'All Shops Open For Business As Usual'. Price amended to exclude erection and maintenance.	272	272			Agreed			3rd <£2k	
48.1 p3	Supply 4 no. signs for the wider area signage covering Piccardy Place and Great Junction Street	1,025	1,025			Agreed			3rd <£2k	
48.8	Works to allow Water Main Abandonment	6,465	6,465			Utility Abandonment			3rd	
48.11	Concrete in Trench	539	539			Agreed			3rd <£2k	
48.12	Delays for Uncharted Utilities - 3 11KV Cables found in intended trench	4,697		-4,697	-100%	Sep'08 Settlement			3rd	Item certified by tie at time of Sep'08 settlement 4,697 JC said S Bell dealing with 11/03

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Change Control	Description	Current				Comments			Schedules	Progress
		AFP	Cert	Diff	%	Category	tie	CUS		
48.14	Uplift on Labour Rates (delay in original procurement)					Agreed(*)			3rd	
48.16	Removal of Central Reserve	4,767	4,767			Agreed			3rd	TL/JC apply 43% factor agreed 18/05
48.16a	Removal of Leith Walk Central Reserve					Agreed(*)			3rd	
48.16b	Remove Central Reserve and Kerb Outcrops on Leith Walk to facilitate Traffic Management	161,500	161,500			Agreed			3rd >£10k	JC/JC agreed email 18/05
48.17	Artificial Obstruction & Unknown Services	1,792	1,792			Agreed			top 68	
48.18	Soft Spot causing Collapse in Carriageway	850	850			Agreed			3rd <£2k	
48.19	Concrete in Trench	943	943			Agreed			3rd <£2k	
48.20	Trial holes	724	724			Agreed			3rd <£2k	
48.21	Unknown Services	140	140			Agreed			3rd <£2k	
48.26	Due to Quantity of track excavated within a small worksite combined with poor existing road quality, the area of existing tar (by request from Highways Officer Williw Barker) has increased from originally anticipated nominal track widths	10,000	10,000			Agreed			3rd >£10k	Agreed JC/JC 23/04 email
48.31	Whilst excavating after heavy rain, depressions / voids appeared requiring digging out and backfilling					Agreed			AS	
48.32	Demolish Virgin Media Box / Chambers	1,549	1,549			Agreed			3rd <£2k	
48.35	Labour, Plant and Materials used to tie in pipes over and above that in tendered rates build-up (NOT ESTIMATED YET)					Agreed			AS	
48.40	Drill service to determine if live & lay extra duct	2,201	2,201			Agreed			3rd	TL/JC apply 43% factor agreed 18/05
48.41	Demolish existing chamber to build JF6 outside Leith Cycle Shop	547	547			Agreed			3rd <£2k	
48.42	Removal and replacement of kerbs	1,314	1,314			Agreed			3rd <£2k	
48.45	Build Telewest Cabinets (NOT PRICED YET)					Agreed			AS	
48.47	All disrupted plant relating to 1B	33,995		-33,995	-100%	Disrupted Plant			3rd	
48.49	Remove kerb outcrops at demolition yard	568	568			Agreed			3rd <£2k	
48.50	4 no extra 300mm DI bends to alter diversion as per Scottish Water	1,176	1,176			Agreed			3rd <£2k	
48.52	Following prolonged heavy rain track had to be re-excavated to formation level					Agreed(*)			3rd	
48.54	Lift and relay blocks in collapsed area as per Ronnie Black	151	151			Agreed			3rd <£2k	
48.56	Trial holes over and above original scope	2,722	2,722			Agreed			3rd	TL/JC agreed 27/04 meeting
48.58	Due to poor existing road surfacing AMIS had to reinstate additional carriageway over and above the original 1.0m wide track.	1,666	1,666			Agreed			3rd <£2k	
48.59	Gas diversion at Shrubhill	3,171	3,171			Agreed			3rd	TL/JC apply 43% factor agreed 18/05
48.60	Extra reinstatement of carriageway due to poor existing road condition.	3,805	3,805			Agreed			3rd	TL/JC apply 43% factor agreed 18/05
48.62	Concrete and artificial obstructions	10,137	10,137			Agreed			3rd >£10k	Agreed JC/JC 23/04 email
48.63	TQs & CVIs with no cost impact					Agreed			AS	
48.65	Concrete & Trial holes	3,140	3,140			Agreed			3rd	TL/JC agreed 27/04 meeting
48.67	Trial Holes (Included in Leith Walk trial holes)					Agreed			AS	
48.70	Lower 90mm gas main	2,653	2,653			Agreed			3rd	TL/JC apply 43% factor agreed 18/05
48.73	Widening Track to lay Scottish Power Insurance ducts. Ducts abandoned due to unchartered utilities.	892	892			Agreed			3rd <£2k	
48.76	Confirmation of bedding (NO COST IMPACT)					Agreed			AS	

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		AFF	Cert	Diff	%	Category	tie	CUS		
48.77	Use of foam concrete to make safe shallow water pipes	235	235			Agreed			3rd <£2k	
48.78	Downtime due to incorrect traffic management - Leith Walk / McDonald Road	2,685		-2,685	-100%	Sep'08 Settlement			3rd	Item certified by tie at time of Sep'08 settlement
48.79	Downtime due to inclement weather					Agreed(*)			3rd	2,685
48.85	Use of ductile tees as opposed to PE (NOT PRICED YET)					Agreed			AS	
48.89	Delay caused by SGN gas leak	420	420			Agreed			3rd <£2k	
48.90	Removal of Kerbs, Railing and Slabbing	913	913			Agreed			3rd <£2k	
48.91	Hand digging					Agreed			3rd <£2k	
48.92	Pilrig Street Traffic signals (LUX INCLUDED UNDER CC109.4)					Agreed			AS	
48.93	Artificial obstructions	396	396			Agreed			3rd <£2k	
48.94	Bus shelter moved by tie					Agreed			AS	
48.103	Removal of Artificial Obstructions and removal of redundant main.	3,881	3,881			Agreed			3rd	TL/JC agreed 27/04 meeting
48.105	Relaying Kerbstones	700	700			Agreed			3rd	TL/JC agreed 27/04 meeting
48.107	Standing down time.	158	158			Agreed			3rd <£2k	
48.109	Assessed Elsewhere (see Master Change Control Register)					Agreed(*)				
48.115	Assessed Elsewhere (see Master Change Control Register)					Agreed(*)				
48.116	Artificial Obstructions	2,372	2,372			Agreed			3rd	TL/JC agreed 27/04 meeting
48.117	Kerb Removal	877	877			Agreed			3rd <£2k	
48.118	Supporting collapsed trench & xtra foam concrete required					Agreed(*)			3rd	
48.120	Removal of artificial obstruction	1,937	1,937			Agreed			top 68	
48.123	Artificial obstruction	614	614			Agreed			3rd <£2k	
48.124	Assessed Elsewhere (see Master Change Control Register)					Agreed(*)				
48.133	Nil (see Master Change Control Register)					Agreed(*)				
48.140	Assessed Elsewhere (see Master Change Control Register)					Agreed(*)				
48.141	Additional reinstatement	359	359			Agreed			3rd <£2k	
48.142	hand digging and removal of artificial obstruction	207	207			Agreed			3rd <£2k	
48.143	Standing down time					Agreed(*)			3rd	
48.144	Artificial obstruction	2,196	2,196			Agreed			3rd	TL/JC agreed 27/04 meeting
48.145	Excessive hand digging					Agreed			3rd <£2k	
48.146	Standing down costs					Agreed(*)			3rd	
48.147	Remove concrete	909	909			Agreed			3rd <£2k	
48.149	Remove concrete.	3,815	3,815			Agreed			3rd	TL/JC agreed 27/04 meeting
48.152	Nil (see Master Change Control Register)					Agreed(*)				
48.154	Hand Digging					Agreed(*)			3rd	
48.155	Remove BT Ducts	2,083	2,083			Agreed			AS	
48.180	Delay and disruption					Agreed(*)			new	
48.184	Removal of temp reinstatement	1,167	1,167			Agreed			new	TL/JC agreed 27/04 meeting
48.188	Hand digging					Agreed(*)			new	
48.190	Hand digging due to unchartered utilities					Agreed(*)			new	
48.206	Hand digging					Agreed(*)			new	
48.24.1	Uplift existing skip (left by others) and provide new skip for waste removal and tidy-up.	281	281			Agreed			AS	
48.24.4	Shoring of excavation to ensure safety of operatives	497	497			Agreed			AS	
48.24.10	Street Lighting & Traffic Control Works (NOT PRICED YET)					Agreed			AS	

Change Control	Description	Current				Comments			Schedules	Progress
		AFP	Cert	Diff	%	Category	tie	CUS		
69.1	Work Order 5A-08-02 - Aborted Trial Hole	245	245			Agreed			AS	
69.2	Work Order 5A-08-02 - Demobilise Traffic Management over weekend of Rugby International	1,216	1,216			Agreed			AS	
69.5	Work Order 5A-08-02, Demobilise Traffic Management over weekend of Rugby International	11,001	11,001			Agreed			AS	
69.6	Work Order 5A-08-02 - Artificial obstructions	11,605	11,605			Agreed			AS	
69.7	Work Order 5A-08-02, Demobilise Traffic Management over weekend of Rugby International	3,000	3,000			Agreed			3rd	Meeting 03/05 TL/JC Agreed
69.10	LABOUR UPLIFT (until 12/10/07 @ 50%)	7,376	7,376			Agreed			AS	
69.11	Work Order 5A-08-02, Demobilise & Remobilise Work Site	8,933	8,933			Agreed			AS	
69.12	Work Order 5A-08-02, Artificial obstructions	273	273			Agreed			AS	
75.22	Erect Herras Fence c/w debris netting at police ramp	953	953			Agreed			AS	
75.24	100mm steel duct found along BAA access road (NO COST INCURRED)					Agreed			AS	
75.25	Break out reinforced concrete and old foundation of ex Inkworks	1,839	1,839			Agreed			AS	
75.26	Uplift on Labour rates for delay in original procurement and procurement strategy (NO COST)					Agreed			AS	
75.30	All disrupted plant relating to CC 75	382	382			Agreed			AS	
75.33	Repair fallen Heras fencing	196	196			Agreed			AS	
89.1	Artificial Obstructions	2,591	2,591			Agreed			AS	
89.4	Trial Hole (power) & Artificial Obstruction.	1,266	1,266			Agreed			AS	
89.05	All disrupted plant relating to 1C-01-02	35	35			Agreed			AS	
90.1	Marking out of DKE	1,550	1,550			Agreed			AS	
90.4	Artificial obstructions	5,674	5,674			Agreed			AS	
90.6	Artificial obstructions in diversions	2,155	2,155			Agreed			AS	
90.7	Artificial Obstructions	1,533	1,533			Agreed			AS	
90.8	Remove existing utility, abandon diversion works, additional reinstatement	2,200	2,200			Agreed			3rd	Meeting 03/05 TL/JC Agreed
90.10	Artificial Obstruction.	1,916	1,916			Agreed			AS	
90.11	Late change of works.	926	926			Agreed			AS	
90.12	Removal and Replacement of Kerbstones within diversionary routes.	825	825			Agreed			3rd <£2k	
99.5	Trial holes at Hanover St & the Mound *** (COMBINED)	27,000	27,000			Agreed			3rd >£10k	Agreed JC/JC 23/04 email
99.9	Downtime due to required alterations to traffic management as instructed by tie.	1,164	1,164			Agreed			3rd <£2k	
99.11	Completed Route proving trial holes.	47,567	47,567			Agreed			3rd >£10k	Agreed JC/JC 23/04 email
99.13	Removal & Replacement of street furniture.	703	703			Agreed			3rd <£2k	
99.14	All Disrupted Plant Relating to 1C-01-01	5,973	5,973			Agreed			AS	
99.18	Artificial Obstructions	1,282	1,282			Agreed			3rd <£2k	
99.19	Artificial Obstructions	6,154	6,154			Agreed			3rd	Meeting 03/05 TL/JC Agreed
99.20	Artificial Obstructions	1,861	1,861			Agreed			3rd <£2k	
99.21	Artificial Obstructions	4,509	4,509			Agreed			3rd	Meeting 03/05 TL/JC Agreed
99.22	Artificial Obstructions	658	658			Agreed			3rd <£2k	
99.23	Artificial Obstructions	897	897			Agreed			3rd <£2k	
99.27	N.P.O. Associated with weekend working on 4th & 5th Oct 2008 and 18th & 19th Oct 2008.	3,295	3,295			Agreed			top 68	
99.28	N.P.O. Associated with weekend working on 25th & 26th Oct 2008 and 1st & 2nd Oct 2008	2,878	2,878			Agreed			top 68	
99.29	N.P.O. Associated with weekend working on 8th & 9th Nov 2008.	1,144	1,144			Agreed			top 68	

Change Control	Description	Current				Comments			Schedules	Progress
		AFP	Cert	Diff	%	Category	tie	CUS		
99.31	Delay and Disruption	216	216			Agreed			3rd <£2k	
99.33	Excavation of Trial Holes (Superseded by CC 99.6)					Agreed			AS	
99.36	Delay and Disruption	141	141			Agreed			3rd <£2k	
99.38	Additional works	98	98			Agreed			3rd <£2k	
99.41	Artificial Obstructions (Concrete)	3,106	3,106			Agreed			3rd	Meeting 03/05 TL/JC Agreed
99.45	Additional works	205	205			Agreed			3rd <£2k	
99.48	Artificial Obstructions	303	303			Agreed			3rd <£2k	
99.49	Embargo Works					Agreed			top 68	
99.50	Delay and Disruption	796	796			Agreed			3rd <£2k	
99.51	Artificial Obstructions	454	454			Agreed			3rd <£2k	
99.53	Artificial Obstruction	632	632			Agreed			3rd <£2k	
99.59	Artificial Obstruction	617	617			Agreed			3rd <£2k	
99.60	Artificial obstruction	1,482	1,482			Agreed			3rd <£2k	
99.61	Delay and Disruption	65	65			Agreed			3rd <£2k	
99.62	Artificial Obstruction	1,467	1,467			Agreed			3rd <£2k	
99.64	Trial Holes	404	404			Agreed			3rd <£2k	
99.68	Hand Digging					Agreed			3rd <£2k	
99.75	Additional works	542	542			Agreed			3rd <£2k	
99.76	Hand Digging					Agreed(*)			3rd	
99.77	Additional Works	1,051	1,051			Agreed			3rd <£2k	
99.78	Artificial Obstruction	1,025	1,025			Agreed			3rd <£2k	
99.87	Additional works	115	115			Agreed			3rd <£2k	
99.88	Hand Digging					Agreed			3rd <£2k	
99.89	Delay and disruption	208	208			Agreed			3rd <£2k	
99.90	Delay and Disruption	597	597			Agreed			3rd <£2k	
99.91	Hand Digging					Agreed(*)			3rd	
99.92	Hand Digging					Agreed(*)			3rd	
99.93	Additional works	380	380			Agreed			3rd <£2k	
99.94	Hand Digging / Additional works	1,930	1,930			Agreed			3rd <£2k	
99.95	Additional works	1,083	1,083			Agreed			3rd <£2k	
99.97	Additional works	420	420			Agreed			3rd <£2k	
99.99	Delay and Disruption	519	519			Agreed			3rd <£2k	
99.101	Delay and Disruption	259	259			Agreed			3rd <£2k	
99.102	Artificial Obstruction	1,369	1,369			Agreed			3rd <£2k	
99.104	Artificial Obstructions	1,830	1,830			Agreed			3rd	Meeting 03/05 TL/JC Agreed
99.105	Additional Works	607	607			Agreed			new	Meeting 03/05 TL/JC Agreed
99.108	Delay and Disruption	295	295			Agreed			3rd <£2k	
99.111	Hand Digging					Agreed			3rd <£2k	
99.112	Artificial Obstructions	3,311	3,311			Agreed			3rd	Meeting 03/05 TL/JC Agreed
99.114	Additional Works	1,067	1,067			Agreed			top 68	
99.120	Trial Hole	881	881			Agreed			AS	
99.121	Hand Digging					Agreed(*)			3rd	
99.122	Hand Digging					Agreed			3rd <£2k	
99.129	Artificial Obstructions	1,573	1,573			Agreed			AS	
99.132	CUS assisting archaeologist excavation	1,332	1,332			Agreed			3rd <£2k	
99.137	CUS hire of Mabey plates for emergency lane	3,535	3,535			Agreed			3rd	TL/JC apply 43% factor agreed 18/05
99.139	Hand Digging					Agreed			3rd <£2k	
99.140	Artificial Obstructions	1,324	1,324			Agreed			AS	
99.141	CUS excavating to expose underground structure	1,056	1,056			Agreed			3rd <£2k	
99.142	Delay and Disruption	214	214			Agreed			3rd <£2k	
99.144	Delay and Disruption	970	970			Agreed			AS	
99.147	Artificial Obstruction	3,880	3,880			Agreed			AS	
99.148	CUS installed road plates to maintain emergency lane	424	424			Agreed			AS	

Authorised as agreed by CUS-----date-----

Authorised as agreed by tie-----date-----

Change Control	Description	Current				Comments			Schedules	Progress
		AFF	Cert	Diff	%	Category	tie	CUS		
99.152	Hand Digging					Agreed			3rd <£2k	
99.155	Hand Digging					Agreed(*)			3rd	
99.160	Delay and Disruption	206	206			Agreed			3rd <£2k	
99.164	Artificial Obstructions	938	938			Agreed			AS	
99.165	Additional Works	1,862	1,862			Agreed			AS	
99.166	Additional Works	328	328			Agreed			AS	
99.181	Delay and Disruption	232	232			Agreed			AS	
99.182	Delay and Disruption	804	804			Agreed			3rd <£2k	
99.188	Emergency Incident	692	692			Agreed			new	Meeting 03/05 TL/JC Agreed
99.189	Installation & Hire of Mabey Plates	1,443	1,443			Agreed			new	TL/JC apply 43% factor agreed 18/05
99.199	Artificial Obstructions	1,536	1,536			Agreed			new	Meeting 03/05 TL/JC Agreed
99.201	Hand Digging					Agreed(*)			new	
99.207	Delay and Disruption					Agreed(*)			new	
99.219	Delay and disruption - caught in CC99.6					Agreed(*)				
99.220	Site welfare - removing litter outwith site boundary	100	100			Agreed			new	Meeting 03/05 TL/JC Agreed
99.222	Hand Digging					Agreed(*)			new	
99.223	Hand Digging					Agreed(*)			new	
99.224	Removal of Traffic Island	513	513			Agreed			new	Meeting 03/05 TL/JC Agreed
99.228	Installation of road plates over flooded walkway					Agreed(*)			new	
99.230	Removal of Traffic Island	212	212			Agreed			new	Meeting 03/05 TL/JC Agreed
99.233	Removal of pedestrian guard rail	118	118			Agreed			new	Meeting 03/05 TL/JC Agreed
99.234	Additional reinstatement	2,000	2,000			Agreed			new	Meeting 03/05 TL/JC Agreed
99.238	CUS excavated at Brandon tce and Holyrood Rd in accordance with Change Order 4101					Agreed(*)				
100.3	Hand excavation around existing utilities					Agreed			AS	
100.4	Trial hole trenches	1,204	1,204			Agreed			AS	
100.10	Artificial obstructions, reinstatement & unchartered utilities	2,434	2,434			Agreed			AS	
100.11	Delay & disrupted diversions					Agreed			AS	
100.12	Additional Works (Artificial Obstruction & Signs)	1,322	1,322			Agreed			AS	
100.13	Artificial Obstruction.	3,201	3,201			Agreed			AS	
100.23	Structural Survey on unidentified structure at junction of Princes St. & South St Andrews St.	756	756			Agreed			AS	
100.24	Artificial Obstruction	579	579			Agreed			AS	
100.25	Artificial Obstruction	1,431	1,431			Agreed			AS	
103.1	Archaeological Watching Brief (15 days)	1,864	1,864			Agreed			AS	
103.2	Marking out of DKE	2,584	2,584			Agreed			AS	
103.7	Standing time due to constraints of electronic gate at the Gogar Farm Road	448	448			Agreed			AS	
103.12	Stand-down time due to sections being deleted					Agreed			AS	
103.14	Protection of unidentified pipe with concrete	316	316			Agreed			AS	
107.3	Tril hole & artificial obstruction	6,218	6,218			Agreed			AS	
107.5	Trench collapse whilst awaiting resolutin of TQ	311	311			Agreed			3rd <£2k	
107.6	TQs / CVIs with no cost impact / Re-measure Items					Agreed			AS	
107.7	Hand digging					Agreed			AS	
107.8	Remove and dispose of trees and bases	1,184	1,184			Agreed			3rd <£2k	

Authorised as agreed by CUS-----date-----

Authorised as agreed by tie-----date-----

Change Control	Description	Current				Comments			Schedules	Progress
		AFP	Cert	Diff	%	Category	tie	CUS		
107.9	Relay 50 linear metres of kerbs from no. 264 Leith Walk to no. 242 Leith Walk	4,476	4,476			Agreed			AS	
107.10	Disrupted Plant					Agreed			AS	
107.12	Trial hole for to locate route of diversion that required backfilling	346	346			Agreed			AS	
107.13	Concrete	618	618			Agreed			AS	
107.14	Artificial Obstructions & Kerb Removal	16,932	16,932			Agreed			AS	
107.17	Hand Digging					Agreed			AS	
107.18	Removal of Trees	1,372	1,372			Agreed			3rd <£2k	
107.22	Purchase of NAL retention socket	2,562	2,562			Agreed			AS	
107.23	Trial Holes	954	954			Agreed			3rd <£2k	
107.24	Artificial obstruction - Extra tar & concrete	411	411			Agreed			AS	
107.25	Extra reinstatement	2,676	2,676			Agreed			AS	
107.26	Remove concrete from trench	2,457	2,457			Agreed			AS	
107.27	Additional foam concrete	1,082	1,082			Agreed			AS	
107.28	Trial hole	245	245			Agreed			AS	
107.30	Artificial obstruction	3,386	3,386			Agreed			AS	
107.31	Running sand					Agreed			AS	
107.32	Artificial obstruction	6,676	6,676			Agreed			AS	
107.33	Artificial Obstruction	3,505	3,505			Agreed			AS	
107.35	Artificial Obstruction	229	229			Agreed			AS	
107.37	Artificial Obstruction	1,092	1,092			Agreed			AS	
107.39	Artificial Obstruction	2,109	2,109			Agreed			AS	
107.40	Removal of trees	809	809			Agreed			3rd <£2k	
107.42	Remove Concrete	410	410			Agreed			AS	
107.44	Artificial Obstruction	4,321	4,321			Agreed			AS	
107.45	Trial Hole	530	530			Agreed			3rd <£2k	
107.47	Delays due to TQs and IFC;s					Agreed			AS	
107.48	Trail hole	2,016	2,016			Agreed			3rd	TL/JC apply 43% factor agreed 18/05
170.50	Delays to due archeologists	9,336	9,336			Agreed			AS	
170.52	Exploratory excavation	2,958	2,958			Agreed			AS	
170.54	Remedial works	380	380			Agreed			3rd	TL/JC apply 43% factor agreed 18/05
170.55	Remove concrete	4,096	4,096			Agreed			AS	
170.62	Weekend Working	3,841	3,841			Agreed			AS	
170.63	Artificial obstruction	7,697	7,697			Agreed			AS	
107.67	Remove concrete	4,553	4,553			Agreed			AS	
107.69	Concrete	736	736			Agreed			AS	
107.77	Trial Hole	6,134	6,134			Agreed			AS	
107.78	Extra over foam concrete	2,596	2,596			Agreed			3rd	TL/JC apply 43% factor agreed 18/05
107.79	Additonal works- Seimans power cable	3,239	3,239			Agreed			3rd	TL/JC apply 43% factor agreed 18/05
107.100	Overtime due to traffice management restrictions					Agreed			AS	
107.107	Weekend working overtime	2,091		-2,091	-100%	NPO			3rd	
107.109	Re-erect lamp post	12,571	7,636	-4,936	-39%	Other (WS)			3rd >£10k	
107.110	Re-erect RTI poles	1,722	1,722			Agreed			3rd	TL/JC apply 43% factor agreed 18/05
107.111	Removal of concrete	1,980	1,980			Agreed			3rd	TL/JC apply 43% factor agreed 18/05
107.115	Hand Digging					Agreed(*)			3rd	
107.116	Remove lamp posts	1,598	1,598			Agreed			3rd	TL/JC apply 43% factor agreed 18/05
107.117	Reinstate track as per tie instruction 3669 & 3670	5,012	5,012			Agreed			3rd	Agreed to apply 44% factor TL/JC 18/05
107.120	Hand Digging					Agreed(*)			3rd	
107.122	Hand Digging					Agreed(*)			3rd	
107.123	Hand Digging					Agreed(*)			3rd	

Change Control	Description	Current				Comments			Schedules	Progress
		AFP	Cert	Diff	%	Category	tie	CUS		
125.41	Supply 20 No. 22mm Spanners for Emergency Services to use at Shandwick Place.	71	71			Agreed			AS	
125.42	Weekend working	1,059	1,059			Agreed			AS	
125.43	Artificial obstruction	421	421			Agreed			AS	
125.46	Trial Holes	491	491			Agreed			AS	
125.47	Additional reinstatement	370	370			Agreed			AS	
125.48	Artificial obstructions	635	635			Agreed			AS	
125.51	Artificial Obstructions.	1,317	1,317			Agreed			AS	
125.52	Artificial Obstructions.	2,444	2,444			Agreed			AS	
125.53	Artificial Obstruction.	1,580	1,580			Agreed			AS	
125.54	Remove Artificial Obstructions.	1,345	1,345			Agreed			AS	
125.55	Remove Artificial Obstructions.	300	300			Agreed			AS	
125.56	Remove Artificial Obstructions.	239	239			Agreed			AS	
125.57	Remove Artificial Obstructions.	594	594			Agreed			AS	
125.58	Remove Artificial Obstructions.	7,277	7,277			Agreed			AS	
125.59	Remove Artificial Obstructions.	11,059	11,059			Agreed			AS	
125.60	Remove Artificial Obstructions.	14,741	14,741			Agreed			AS	
125.61	Remove Artificial Obstructions.	945	945			Agreed			AS	
125.70	Removal & Reinstatement of Cathness Slabs.	1,825	1,825			Agreed			3rd	TL/JC agreed 26/05
125.71	Delay, Disrupted and Dislocated Works; Shandwick Place (Canning Street).					Agreed			3rd <£2k	
125.73	Hand Digging.					Agreed			3rd <£2k	
125.76	Additional materials to make safe around existing scaffolding.	2,512	2,512			Agreed			3rd	Agreed to apply 44% factor TL/JC 18/05
125.77	Abandoned track due to two unchartered shafts.	4,153	4,153			Agreed			AS	
125.79	Artificial Obstruction.	846	846			Agreed			AS	
125.80	Artificial Obstruction.	1,099	1,099			Agreed			AS	
125.81	Artificial Obstruction.	457	457			Agreed			AS	
125.82	Artificial Obstruction.	276	276			Agreed			AS	
125.83	Artificial Obstruction.	4,894	4,894			Agreed			AS	
125.84	Artificial Obstruction.	399	399			Agreed			AS	
125.85	Remove Artificial Obstruction.	7,789	7,789			Agreed			AS	
125.96	Removal of Reinforced Concrete.	8,000	8,000			Agreed			AS	
125.97	Remove Artificial Obstructions.	375	375			Agreed			AS	
125.98	Remove Artificial Obstructions.	1,058	1,058			Agreed			AS	
125.99	Remove Artificial Obstructions.	1,290	1,290			Agreed			AS	
125.100	Remove Artificial Obstructions.	1,439	1,439			Agreed			AS	
125.101	Remove Artificial Obstructions.	659	659			Agreed			AS	
125.102	Remove Artificial Obstructions.	1,614	1,614			Agreed			AS	
125.103	Additional foam concrete & reinstatement due to overbreak of existing cobbles.	5,893	5,893			Agreed			AS	
125.104	Additional foam concrete & reinstatement due to overbreak of existing cobbles.	747	747			Agreed			AS	
125.106	All disrupted plant relating to 1D/04/01	41,075		-41,075	-100%	Disrupted Plant			new	
125.108	Remove Artificial Obstructions.	1,365	1,365			Agreed			AS	
125.109	City Sweep requested by tie due to Stafford street market on Saturday 7th June.	57	57			Agreed			3rd <£2k	
125.111	Removing temporary tar outside scaffolding to prepare for permanent reinstatement.	760	760			Agreed			AS	
125.113	Additional Reinstatement due to two unchartered concrete shafts.	2,613	2,613			Agreed			AS	
125.119	Removal of footway blister to progress works.	2,944	2,944			Agreed			AS	
125.122	Artificial Obstruction.	1,843	1,843			Agreed			AS	
125.123	Remove Artificial Obstructions.	6,222	6,222			Agreed			AS	
125.124	Remove Artificial Obstructions.	2,864	2,864			Agreed			AS	
125.125	Remove Artificial Obstructions.	976	976			Agreed			AS	
125.126	Remove Artificial Obstructions.	1,809	1,809			Agreed			AS	
125.127	Remove Artificial Obstructions.	2,129	2,129			Agreed			AS	

Change Control	Description	Current				Comments			Schedules	Progress
		AFF	Cert	Diff	%	Category	tie	CUS		
125.128	Remove Artificial Obstructions.	792	792			Agreed			AS	
125.129	Remove Artificial Obstructions.	846	846			Agreed			AS	
125.130	Remove Artificial Obstructions.	1,208	1,208			Agreed			AS	
125.131	Remove Artificial Obstructions.	321	321			Agreed			AS	
125.133	Delay, Disruption and Dislocation Screed 95 Shandwick PI doorway to make good puddle.	195	195			Agreed			AS	
125.151	Down Time due to Artificial Obstructions	1,406	1,406			Agreed			AS	
125.152	Hand Digging					Agreed			3rd <£2k	
125.157	Construction of 1No Reinforced slab	1,416	1,416			Agreed			3rd	TL/JC apply 43% factor agreed 18/05
125.160	Artificial Obstructions (Concrete)	397	397			Agreed			AS	
125.167	Artificial Obstruction	741	741			Agreed			AS	
125.169	Artificial Obstructions	85	85			Agreed			AS	
125.170	Artificial Obstructions	2,685	2,685			Agreed			AS	
125.172	Provisions to made to allow for protest march on 10/01/2009 at Lothian Road Junction. Completion of trial hole - 13/01/2009 and Artificial Obstructions within.	240	240			Agreed			AS	
125.174.1	Completion of 2 nr trial holes - 09/01/2009 & 12/01/2009, plus Artificial Obstructions.	1,054	1,054			Agreed			3rd	TL/JC apply 43% factor agreed 18/05
125.174.2	Completion of 4nr Trial Holes & Artificial Obstructions removed.	1,684	1,684			Agreed			3rd	TL/JC apply 43% factor agreed 18/05
125.174.3	Completion of final trial hole.	7,731	7,731			Agreed			3rd	Agreed to apply 44% factor TL/JC 18/05
125.174.4	Additional Hours to enable completion of trial hole at Lothian Road Junction on 09/01/2009.	310	310			Agreed			new	TL/JC apply 43% factor agreed 18/05
125.175	Unproductive resources due to unchartered structure in trial hole.	293	293			Agreed			3rd <£2k	
125.179	Delay for 3 man team due to early completion of trial hole program.	240	240			Agreed			3rd <£2k	
125.180	Additional 2way traffic light ducts laid at Lothian Road to assist Infraco at later date.	347	347			Agreed			3rd <£2k	Agreed tie add £347 TL/JC 11/03
125.181	Additional labourer instructed to manage traffic.	6,888	6,888			Agreed			AS	
125.182	Failure of tie to issue pedestrian crossing instruction & Phase 3 TM	345	345			Agreed			AS	
125.186	Altering Pedestrian Crossing at South Charlotte St.	5,730	5,730			Agreed			top 68	TL noted 30/04 agreed top 68
125.188	Operatives aiding Traffic Management Switchover to enable excavation to commence.	374	374			Agreed			3rd <£2k	
125.189	Artificial Obstruction	1,860	1,860			Agreed			AS	CUS reduce by £535 TL/JC 11/03
125.195	Artificial Obstruction	8,760	8,760			Agreed			new	Agreed TL/JC 16/03
125.197	Temporary Reinstatement	5,690	5,690			Agreed			new	Agreed to apply 44% factor TL/JC 18/05
125.198	Abandoned Trial Holes as TQ No. 1396	396	396			Agreed			new	TL/JC apply 43% factor agreed 18/05
125.199	Artificial Obstruction	8,882	8,882			Agreed			new	Agreed TL/JC 16/03
125.216	TM switch delayed due to Infraco.	343	343			Agreed			new	TL/JC apply 43% factor agreed 18/05
125.224	The street outside the MUDFA Yard was closed by the police on Sat 20th Aug, as a result the Grab Wagon was not capable to leave the Yard. As the operatives where there to backfill work was on hold until 10:30 am.	519	519			Agreed			new	TL/JC apply 43% factor agreed 18/05
125.225	Concrete within excavation for additional works.	4,451	4,451			Agreed			new	TL/JC apply 43% factor agreed 18/05
125.227	Temporary Backfill due to Health & Safety.	169	169			Agreed			new	TL/JC apply 43% factor agreed 18/05

Change Control	Description	Current				Comments			Schedules	Progress
		AFP	Cert	Diff	%	Category	tie	CUS		
125.237	Reinstated Trial Holes awaiting approval of adequate TM for additional work.	2,382	2,382			Agreed			new	Agreed to apply 44% factor TL/JC 18/05
125.239	Installation of additional pedestrian walkway on Princes St.	396	396			Agreed			new	TL/JC apply 43% factor agreed 18/05
125.242	Additional Reinstatement non MUDFA related.	1,781	1,781			Agreed			new	TL/JC apply 43% factor agreed 18/05
125.246	Removal of Concrete	624	624			Agreed			new	TL/JC apply 43% factor agreed 18/05
125.250	Double Handling Spoil & Backfill from Lothian Road / Princes St to Haymarket required until CUS gained possession of the main site compound on the North Bound carriageway of Princes St from Infracore.	3,586	3,586			Agreed			new	TL/JC apply 43% factor agreed 18/05
125.251	Requirement for use of 6m3 + EO foam concrete for o/s no 1-3 Shandwick Place and Canning St.	129	129			Agreed			new	TL/JC apply 43% factor agreed 18/05
129.7	Logistic support	63,694	63,694			Logistic Support			3rd >£10k	
129.9	Abandoned track including hand digging	1,651	1,651			Agreed			3rd	TL/JC apply 43% factor agreed 18/05
129.10	Abandoned trial holes	1,480	1,480			Agreed			3rd <£2k	
129.11	Abandoned Trial Holes	3,206	3,206			Agreed			3rd	TL/JC apply 43% factor agreed 18/05
129.12	Removal of road signage	82	82			Agreed			3rd <£2k	
129.13	Removal of Artificial Obstructions (concrete)	1,307	1,307			Agreed			top 68	
129.14	Artificial Obstructions (concrete)	2,581	2,581			Agreed			3rd	TL/JC apply 43% factor agreed 18/05
129.15	Removal of artificial obstructions (cast iron)	235	235			Agreed			3rd <£2k	
129.16	Removal of artificial obstructions (cast iron)	271	271			Agreed			3rd <£2k	
129.17	Hand digging					Agreed			3rd <£2k	
129.18	Hand digging					Agreed			3rd <£2k	
129.19	Hand Digging					Agreed			3rd <£2k	
129.20	Hand Digging					Agreed			3rd <£2k	
129.21	Artificial Obstructions (concrete and excess carriage way)	4,181	4,181			Agreed			3rd	TL/JC apply 43% factor agreed 18/05
129.22	Artificial Obstruction (Concrete)	2,581	2,581			Agreed			top 68	
129.23	Removal of artificial obstructions (cast iron)	263	263			Agreed			3rd <£2k	
129.24	Abandoned Track	1,147	1,147			Agreed			3rd <£2k	
129.25	Artificial obstructions (abandoned underground structure)	1,007	1,007			Agreed			3rd <£2k	
129.26	Hand Digging					Agreed(*)			3rd	
129.27	Hand Digging					Agreed			3rd <£2k	
129.28	Hand Digging					Agreed(*)			3rd	
129.29	Hand Digging					Agreed			3rd <£2k	
129.30	Hand Digging					Agreed(*)			3rd	
129.32	Hand digging					Agreed(*)			3rd	
129.33	Hand Digging (Multi diversional works)					Agreed(*)			3rd	
129.37	Reinstating information poles					Agreed			AS	
129.39	Removal and replacement of slabs to enable required compaction of diversions	1,698	1,698			Agreed			3rd <£2k	
129.41	Artificial obstructions	2,329	2,329			Agreed			3rd	TL/JC apply 43% factor agreed 18/05
129.42	Trial hole and artificial obstructions	1,760	1,760			Agreed			3rd <£2k	
129.43	Removal of sign posts	238	238			Agreed			3rd <£2k	
129.51	Abandoned Trial Hole	572	572			Agreed			3rd <£2k	
129.54	Abandoned Trial holes	2,461	2,461			Agreed			3rd	TL/JC apply 43% factor agreed 18/05
129.56	Abandoned Track	1,017	1,017			Agreed			3rd	TL/JC apply 43% factor agreed 18/05
129.57	Trial Holes	387	387			Agreed			AS	
129.58	Removal of road signage	268	268			Agreed			3rd <£2k	

Change Control	Description	Current				Comments			Schedules	Progress
		AFF	Cert	Diff	%	Category	tie	CUS		
129.60	Removal of road signage	135	135			Agreed			3rd <£2k	
129.61	Abandoned Track					Agreed			top 68	
129.62	Hand digging due over congested tracks					Agreed(*)			3rd	
129.63	Hand digging due over congested tracks					Agreed(*)			3rd	
129.65	Abandoned track due to over congestion	2,776	2,776			Agreed			top 68	
129.68	Use of foam concrete	1,002	1,002			Agreed			top 68	
129.71	Trial holes	196	196			Agreed			3rd <£2k	
129.73	Removal of lamp standards	537	537			Agreed			3rd <£2k	
129.76	Hand digging due to excessive congestion					Agreed(*)			3rd	
129.78	Trial Holes	1,765	1,765			Agreed			3rd	TL/JC apply 43% factor agreed 18/05
129.79	Double Handling of Materials					Agreed(*)			3rd >£10k	
129.80	Use of concrete due to shallow depth	1,283	1,283			Agreed			3rd <£2k	
129.86	Excessive hand digging					Agreed			AS	
129.87	Artificial Obstructions - Part of embargo works.					Agreed(*)			top 68	
129.89	Removal of lamp posts	492	492			Agreed			3rd <£2k	
129.92	Trial Holes	1,154	1,154			Agreed			3rd	TL/JC apply 43% factor agreed 18/05
129.93	Excessive hand digging					Agreed(*)			3rd	
129.94	Excessive hand digging week ending 13/02/2009					Agreed(*)			3rd	
129.96	Artificial Obstructions on structure	4,598	4,598			Agreed			top 68	
129.97	Removal of brick and steel structure	5,812	5,812			Agreed			top 68	TL noted 30/04 agreed top 68
129.98	Disrupted Plant	11,055		-11,055	-100%	Disrupted Plant			3rd	
129.99	Shoring [not incl shoring hire cost (separate cost build up)]	3,678	3,678			Agreed			3rd	TL/JC apply 43% factor agreed 18/05
129.104	Hand digging for weekending 20/02/2009					Agreed(*)			3rd	
129.105	Hand digging week ending 27/02/2009					Agreed(*)			3rd	
129.110	Breaking away concrete	393	393			Agreed			3rd <£2k	
129.111	Removal and replacement of steel plates	1,339	1,339			Agreed			3rd <£2k	
129.114	Removal of traffic signal	93	93			Agreed			3rd <£2k	
129.119	Artificial Obstructions	234	234			Agreed			AS	
129.120	Artificial obstructions	771	771			Agreed			AS	
129.121	Artificial Obstructions	2,326	2,326			Agreed			AS	
129.122	Extra removal of sub structure	357	357			Agreed			3rd <£2k	
129.123	Hand digging W/E 06/03/2009					Agreed(*)			3rd	
129.124	Hand digging for week ending 13/03/2009					Agreed(*)			3rd	
129.125	Steel cutting on under ground structure	1,584	1,584			Agreed			top 68	
129.126	Trial Holes	852	852			Agreed			AS	
129.127	Abandoned track and artificial obstructions	3,140	3,140			Agreed			AS	
129.128	Artificial Obstructions	1,876	1,876			Agreed			AS	
129.129	Artificial Obstructions	2,243	2,243			Agreed			AS	
129.131	Artificial obstructions	1,350	1,350			Agreed			AS	
129.134	Hand digging w/e 20/03/2009					Agreed(*)				
129.135	Hand digging w/e 27/03/2009					Agreed(*)				
129.136	Abandoned Tracks	4,406	4,406			Agreed			3rd >£10k	Agreed JC/JC 23/04 email
129.139	Foam Concrete	3,191	3,191			Agreed			top 68	
129.143	Artificial Obstructions	3,551	3,551			Agreed			AS	
129.145	Removal of Traffic Signal	339	339			Agreed			AS	
129.147	Repair to cellar	1,313	1,313			Agreed			new	TL/JC apply 43% factor agreed 18/05
129.162	Povision of walkways	2,500	2,500			Agreed			new	TL/JC agreed 26/05
129.169	Trial holes on York Place	2,754	2,754			Agreed			new	TL/JC apply 43% factor agreed 18/05
129.171	Foam Concrete	129	129			Agreed			new	TL/JC apply 43% factor agreed 18/05
129.172	Hand digging due to existing services					Agreed(*)			new	

Authorised as agreed by CUS-----date-----

Authorised as agreed by tie-----date-----

Change Control	Description	Current				Comments				Schedules	Progress
		AFF	Cert	Diff	%	Category	tie	CUS			
129.174	Erecting rino fencing for advertisement space for stakeholder during festival	238	238			Agreed				new	TL/JC apply 43% factor agreed 18/05
129.175	Standdown resources due to noise levels	559	559			Agreed				new	TL/JC apply 43% factor agreed 18/05
129.181	Hand Digging					Agreed(*)				new	
129.184	Provision of walkway	400	400			Agreed				new	TL/JC agreed 26/05
129.186	Artificial Obstructions	625	625			Agreed				new	TL/JC apply 43% factor agreed 18/05
129.187	Hand Digging					Agreed(*)				new	
129.188	Artificial obstruction - Excess carriageway	1,352	1,352			Agreed				new	TL/JC apply 43% factor agreed 18/05
144.63	Provision of Red Line Drawings					Agreed				new	Agreed JC/TL 20/05
149.4	Trial Holes, Artificial Obstructions	3,594	3,594			Agreed				AS	
149.22	Removal of central reserve at junction of South Gyle Access and Bankhead Drive - Now CC166					Agreed				AS	
149.32	All Disrupted Plant Relating to 5B-01-01					Disrupted Plant				new	
149.35	Hand digging.					Agreed				AS	
149.36	Hand digging around existing utilities.					Agreed				AS	
149.41	Down time due to failure of altering existing traffic signals	1,490	1,490			Agreed				AS	
149.45	Traffic management resulting in down time	2,990	2,990			Agreed				AS	
149.46	Installation of 2 No. CCTV Cabinets.	1,468	1,468			Agreed				AS	
153.4	Logistics Support Team	227,361	227,361			Logistic Support				3rd >£10k	
153.07	Support foundations of existing sandstone wall.	170	170			Agreed				3rd <£2k	
153.08	Supply of extra Footboards & Road Plates	2,418	2,418			Agreed				3rd	TL/JC apply 43% factor agreed 18/05
153.09	Assisting Archaeologist.	274	274			Agreed				3rd <£2k	
153.11	Assisting the Archaeologist.	910	910			Agreed				3rd <£2k	
153.12	Re-positioning of existing heras fencing on tie request.	333	333			Agreed				3rd <£2k	
153.13	Remove existing traffic signal columns & replace with new column.	651	651			Agreed				3rd <£2k	
153.14	Remove existing "No Waiting" column to enable logistics team access for deliverables.	248	248			Agreed				3rd <£2k	
153.15	Uncovering & removing historic tram rails from diversion path.	243	243			Agreed				3rd <£2k	
153.16	Remove Traffic Island.	668	668			Agreed				3rd <£2k	
153.17	Artificial Obstructions.	2,055	2,055			Agreed				3rd	TL/JC apply 43% factor agreed 18/05
153.18	Removal of Artificial Obstructions.	3,696	3,696			Agreed				3rd	TL/JC apply 43% factor agreed 18/05
153.19	Removal of Artificial Obstruction.	454	454			Agreed				3rd <£2k	
153.20	Completion of Road & Pedestrian crossing on Saturday 12th April 2008, to accommodate business & residential requirements.	870	870			Agreed				3rd <£2k	
153.22	Removal of Artificial Obstructions.	6,533	6,533			Agreed				3rd	Agreed to apply 44% factor TL/JC 18/05
153.23	Hand digging around existing utilities.					Agreed(*)				3rd	
153.24	Hand digging around existing utilities.					Agreed(*)				3rd	
153.26	De-mobilise & Re-mobilise labour, plant & equipment due to City of Edinburgh Councils non-attendance on site to remove street furniture.	203	203			Agreed				3rd <£2k	
153.27	Inspection & removal of unchartered sandstone culvert.	237	237			Agreed				3rd <£2k	
153.28	Assisting archaeologist investigate, measure & then remove unchartered sandstone culvert.	496	496			Agreed				3rd <£2k	

Change Control	Description	Current				Comments			Schedules	Progress
		AFP	Cert	Diff	%	Category	tie	CUS		
153.30	Removal of historic tram sleeper from route of diversion.	173	173			Agreed			3rd <£2k	
153.31	Artificial Obstruction	9,103	9,103			Agreed			3rd	Agreed to apply 44% factor TL/JC 18/05
153.37	Divert around unchartered utility	352	352			Agreed			3rd <£2k	
153.38	Assisting Archaeologists	1,568	1,568			Agreed			3rd <£2k	
153.39	Artificial Obstruction	2,751	2,751			Agreed			3rd	TL/JC apply 43% factor agreed 18/05
153.42	Awaiting removal of solar powered ticket machine to continue diversions					Agreed(*)			3rd	
153.43	Extra digging around existing M/H & old gas lamp standard	1,228	1,228			Agreed			3rd <£2k	
153.44	Delays to diversion assisting Archaeologists	411	411			Agreed			3rd <£2k	
153.47	Delay & Disruption to Zone diversions	246	246			Agreed			AS	
153.50	Extend width of Road Crossing to 1m to assist Archaeologists	666	666			Agreed			AS	
153.53	Additional cut back on Reinstatement due to existing cracks	482	482			Agreed			AS	
153.54	Artificial Obstruction	1,884	1,884			Agreed			3rd <£2k	
153.58	Removal of Artificial Obstruction	1,071	1,071			Agreed			AS	
153.59	Rebuilding of existing Traffic Control Chamber	283	283			Agreed			AS	
153.61	Removal of Artificial Obstruction	835	835			Agreed			AS	
153.64	Removal of Buried Brick wall	316	316			Agreed			AS	
153.72	Abandoned Trial Holes on diversion	491	491			Agreed			3rd <£2k	
153.73	Removal of Concrete from diversions 95 x 0.9 x 0.25	7,304	7,304			Agreed			3rd	Agreed to apply 44% factor TL/JC 18/05
153.76	Delay, Disruption & Dislocation	3,012		-3,012	-100%	Sep'08 Settlement			3rd	Item certified by tie at time of Sep'08 settlement 3,012 JC said S Bell dealing with 11/03
153.77	Removal of Concrete from various road crossings on Constitution St	2,145	2,145			Agreed			3rd	TL/JC apply 43% factor agreed 18/05
153.78	Disrupted Plant (excludes post Sep 08 Disrupted Plant)	21,729		-21,729	-100%	Disrupted Plant			3rd	
153.79	Use of Foam Concrete on Junction of Coatfield lane 10m3	501	501			Agreed			3rd <£2k	
153.80	Removal of Old lamp standard from o/s of Be Seated	444	444			Agreed			3rd <£2k	
153.81	Delays to the programme caused by funerals and morning service at ST Marys RC Church	1,238	1,238			Agreed			3rd <£2k	
153.82	Removal of Concrete from diversion	230	230			Agreed			3rd <£2k	
153.87	Delay, disruption and dislocation due to TM					Agreed			3rd <£2k	
153.90	Removal of Concrete from diversions	556	556			Agreed			AS	
153.97	Delay to the program, awaiting Tie Ltd TQ Response	71	71			Agreed			3rd <£2k	
153.98	Hand digging					Agreed			3rd <£2k	
153.99	Abandoned Trial Hole	762	762			Agreed			AS	
153.100	Hand digging around existing utilities					Agreed			3rd <£2k	
153.106	Additional reinstatement due to unstable ground	388	388			Agreed			AS	
153.107	Artificial Obstruction (concrete)	335	335			Agreed			AS	
153.109	Hand digging					Agreed			3rd <£2k	
153.110	Artificial Obstructions (concrete)	1,245	1,245			Agreed			AS	
153.111	Removal of excess carraigeway	556	556			Agreed			AS	
153.112	Abandoned Trial Hole	363	363			Agreed			AS	
153.114	Abandoned Track	956	956			Agreed			AS	
153.115	Access to post office by requirement of the police	120	120			Agreed			3rd	TL/JC apply 43% factor agreed 18/05
153.116	Abandoned Trial Holes	1,216	1,216			Agreed			3rd <£2k	Agreed tie add £235
153.117	Abandoned Trial Holes	981	981			Agreed			3rd <£2k	TL/JC 11/03

Change Control	Description	Current				Comments				Progress
		AFP	Cert	Diff	%	Category	tie	CUS	Schedules	
154.37.2	Remobilised Resources due to seven diversions scheduled for original Haymarket Traffic Management falling out with de-scoped Traffic Management. (i.e. demobilise/re-mobilise resources sent off site and some utilised unproductively elsewhere; evaluated @ 50% efficient)					Agreed(*)			3rd >£10k	
154.43	Artificial Obstruction	2,766	2,766			Agreed			3rd	TL/JC apply 43% factor agreed 18/05
154.44	Artificial Obstruction	5,837	5,837			Agreed			3rd	
154.50	Reclaim of resources costs due to late call off of works around Haymarket Retaining Wall.	1,349	1,349			Agreed			AS	
154.55	Artificial Obstructions	3,073	3,073			Agreed			AS	
154.59	Artificial Obstruction	978	978			Agreed			AS	
154.60	Whilst excavation for a connection point CUS undercovered what looks like the start of a tunnel structure. This area had to be hand dug.	620	620			Agreed			3rd <£2k	
154.61	CUS were required to transport excavated material from the mentioned diversion to the main site compound due to access problems	131	131			Agreed			AS	
154.62	Diversion required essential weekend working	1,649	1,649			Agreed			AS	
154.73	Downtime due to Archaeologist.	167	167			Agreed			AS	
154.75	Hand-digging around existing utilites	890	890			Agreed			3rd <£2k	
154.77	Abandoned trial hole	427	427			Agreed			AS	
154.78	Artificial Obstruction	4,236	4,236			Agreed			AS	
154.81	Late verbal instruction to cancel the next phase of traffic management.					Agreed(*)			3rd >£10k	
154.83	Reinstatement of 15th Century Well.	783	783			Agreed			AS	
154.87	Cus were required to arrange to have the power disconnected at the bus stop at Haymarket Place to allow the bus stop to be removed	498	498			Agreed			3rd <£2k	
154.94	Due to Christmas embargo Cus were required to temporary backfill the above diversion.	884	884			Agreed			AS	
154.98	Cus were required to repair a section of carriageway on Grosvenor St	7,677	7,677			Agreed			top 68	
154.99	Follow up from CVI 154.94, Cus were required to temporary backfill the above diversions	2,484	2,484			Agreed			3rd	TL/JC apply 43% factor agreed 18/05
154.100	Cus were required to remove the following dimensions of concrete	367	367			Agreed			3rd <£2k	
154.102	Hand digging around existing utilities	54	54			Agreed			3rd <£2k	
154.103	due to working space Cus had to transport materials from the diversion to the main site to be up-lifted	452	452			Agreed			3rd <£2k	
154.105	Cus were required to hand dig around existing services					Agreed			3rd <£2k	
154.106	Due to the site location Cus were required to double handle materials	321	321			Agreed			3rd <£2k	
154.108	Cus were required to remove the following dimentions of extra over Tarr	81	81			Agreed			3rd <£2k	
154.112	Cus were required to hand dig arround exsisting services					Agreed			3rd <£2k	
154.114	Cus were required to carry out temporary road repairs on Roseberry Crescent	1,857	1,857			Agreed			3rd <£2k	
154.127	Due to the delay from Tie in answering TQ1169 Cus were delayed and unproductive during this period					Agreed(*)			3rd >£10k	
154.128	Cus were required to remove the following dimentions of Concrete	787	787			Agreed			3rd <£2k	

Change Control	Description	Current				Comments			Schedules	Progress
		AFP	Cert	Diff	%	Category	tie	CUS		
154.132	Cus were required to hand dig around existing services					Agreed			3rd	Agreed hand dig as nil JC/TL 11/03
154.133	Cus are required to transport backfill material from the main site					Agreed(*)			3rd	
154.139	Cus were required to remove the following dimensions of Concrete	163	163			Agreed			3rd <£2k	
154.142	Cus were required to construct a concrete support for an old tram structure	1,861	1,861			Agreed			3rd	TL/JC apply 43% factor agreed 18/05
154.147	Hand digging under existing services					Agreed			3rd <£2k	
154.152	Cus were required to remove the following dimensions on Artificial obstruction	1,770	1,770			Agreed			3rd <£2k	
154.160	Cus were required to have the power to the bus stop on Clifton Terrace disconnected.	995	995			Agreed			3rd <£2k	
154.161	Double handling materials					Agreed(*)			3rd	
154.162	Double handling materials					Agreed(*)			3rd	
154.169	Cus were required to remove and reinstate 2nr Traffic islands on Dalry Rd	8,193	8,193			Agreed			top 68	TL noted 30/04 agreed top 68
154.171	To allow for the pedestrian access to me moved cus were required temp backfill part of the excavation under the road plates	539	539			Agreed			3rd <£2k	
154.187	Cus were required to use C20 concrete as appose to Type 1 along Clifton Terrace to get the required compaction	298	298			Agreed			AS	
154.196	As a result of traffic management restrictions Carillion were required to double handle materials due to space constraints	533	533			Agreed			3rd <£2k	
154.198	Additional Reinstatement	220	220			Agreed			top 68	
154.200	Removal of artificial obstruction	2,082	2,082			Agreed			top 68	
154.206	Carillion were required to hand excavate along West Maitland Street.					Agreed(*)			3rd	
154.208	Due to space constraints along Coats Place Carillion were require to remove duct which were laid under instruction form Tie.	7,969	7,969			Agreed			top 68	
154.209	Carillion were required to remove concrete from the above diversion	2,833	2,833			Agreed			new	TL/JC apply 43% factor agreed 18/05
154.210	Hand digging					Agreed(*)			new	Agreed hand dig as nil JC/TL 11/03
154.211	Carillion were required to remove the following dimensions of concrete to allow the above diversion	1,280	1,280			Agreed			new	TL/JC apply 43% factor agreed 18/05
154.212	Removal of concrete	1,418	1,418			Agreed			new	TL/JC apply 43% factor agreed 18/05
154.213	Abandond Trial Holes	816	816			Agreed			new	TL/JC apply 43% factor agreed 18/05
154.214	Hand digging					Agreed(*)			new	Agreed hand dig as nil JC/TL 11/03
154.215	Making safe underground tunnel at Grosvenor Street	2,535	2,535			Agreed			new	TL/JC apply 43% factor agreed 18/05
154.216	Carillion were required to hire Crown Engineering to remove old steel beams.	1,281	1,281			Agreed			new	TL/JC apply 43% factor agreed 18/05
154.217	Removal of Concrete	2,685	2,685			Agreed			new	TL/JC apply 43% factor agreed 18/05
154.218	Removal of Concrete	945	945			Agreed			new	TL/JC apply 43% factor agreed 18/05
154.219	Due to Tie change order 3635 cus were delayed due to the time taken to order the new fittings					Agreed(*)			new	
154.221	Use of CUS to close of temporary access to Network Rail	142	142			Agreed			new	TL/JC apply 43% factor agreed 18/05
154.224	Carillion were required to use 2 x labourers to tidy site from public litter, as requested by Tie	193	193			Agreed			new	TL/JC apply 43% factor agreed 18/05

Change Control	Description	Current				Comments				Progress
		AFP	Cert	Diff	%	Category	tie	CUS	Schedules	
154.232	Cus were required to lay 4m3 of C20 concrete to gain the required compaction along west maitland street.	172	172			Agreed			new	TL/JC apply 43% factor agreed 18/05
154.237	Carillion were instructed by Tie to carry out a survey of the underground tunnel at Grosvenor Street.	3,502	3,502			Agreed			new	TL/JC apply 43% factor agreed 18/05
154.238	Carillion were instructed to move the position to the above diversion tie in point, as a result CUS were required to backfill the excavation which was previously excavated	844	844			Agreed			new	TL/JC apply 43% factor agreed 18/05
154.239	Carillion were required to remove the following dimensions of artificial obstruction to allow the above diversion	174	174			Agreed			new	TL/JC apply 43% factor agreed 18/05
154.240	Carillion were required to remove the following dimension of artificial obstruction to allow the above diversion	137	137			Agreed			new	TL/JC apply 43% factor agreed 18/05
154.243	Abandoned trial holes	1,691	1,691			Agreed			new	TL/JC apply 43% factor agreed 18/05
154.244	Carillion were required to provide 1nr labourer to carry out site tidy duties as a result of the council	135	135			Agreed			new	TL/JC apply 43% factor agreed 18/05
154.245	Artificial obstructions	1,788	1,788			Agreed			new	TL/JC apply 43% factor agreed 18/05
154.246	Carillion were required to use 0.5m³ of concrete to gain the required compaction	68	68			Agreed			new	TL/JC apply 43% factor agreed 18/05
154.247	Carillion were required to hand excavate to allow the above diversion					Agreed(*)			new	
154.253	CUS have been required to backfill 2nr tracks to enable the delivery of a large industrial fridge. The excavations were required to be re-excavated	1,430	1,430			Agreed			new	TL/JC apply 43% factor agreed 18/05
154.262	Due to TM restrictions Carillion were instructed to stop work for 1hrs during 12.30 and 14.00 to ease traffic flow.	45	45			Agreed			new	TL/JC apply 43% factor agreed 18/05
154.263	Carillion were required to remove the following dimensions of artificial obstruction	1,007	1,007			Agreed			new	TL/JC apply 43% factor agreed 18/05
154.264	Carillion were required to remove the following dimensions of artificial obstruction	4,778	4,778			Agreed			new	TL/JC apply 43% factor agreed 18/05
154.269	As instructed by Tie carillion were required to remove the War memorial island at haymarket	4,827	4,827			Agreed			new	Agreed to apply 44% factor TL/JC 18/05
154.274	As per instruction 5268 Carillion were instructed to carry out a trial hole to locate the cellars along West Maitland Street	5,477	5,477			Agreed			new	Agreed to apply 44% factor TL/JC 18/05
154.276	As requested by Tie (Russell Maxwell) Carillion have been required to provide 1nr labourer to carry out litter picking duties	158	158			Agreed			new	TL/JC apply 43% factor agreed 18/05
154.287	Structure encountered requiring investigation and breakout of structure at Torphichen Street.	3,060	3,060			Agreed			new	TL/JC apply 43% factor agreed 18/05
154.298	Litter picking week commencing 24/08/09	57	57			Agreed			new	TL/JC apply 43% factor agreed 18/05
154.302	Removal of artificial obstruction at Athol Place	1,601	1,601			Agreed			new	TL/JC apply 43% factor agreed 18/05
154.313	Labourer to assist traffic around flatbed	5	5			Agreed			new	TL/JC apply 43% factor agreed 18/05
154.321	Removal of Artificial Obstruction	4,792	4,792			Agreed			new	TL/JC apply 43% factor agreed 18/05
154.322	Hand digging and tunneling at Torphichen Street for Multi Utility Track					Agreed(*)			new	

Change Control	Description	Current				Comments			Schedules	Progress
		AFF	Cert	Diff	%	Category	tie	CUS		
154.323	Removal of Concrete	1,427	1,427			Agreed			new	TL/JC apply 43% factor agreed 18/05
154.324	Litter Picking Monday 14th - Sunday 20th September 2009	77	77			Agreed			new	TL/JC apply 43% factor agreed 18/05
154.342	Specialist reinstatement of underground structure at Haymarket Bar	6,105	6,105			Agreed			new	Agreed to apply 44% factor TL/JC 18/05
154.346	Litter Picking	116	116			Agreed				TL/JC apply 43% factor agreed 18/05
154.349	CUS where required to install plywood sheets to cover exposed cellars	309	309			Agreed			new	TL/JC apply 43% factor agreed 18/05
154.370	Protection works required to cover excavation to remain open over the embargo period	1,671	1,671			Agreed			new	TL/JC apply 43% factor agreed 18/05
154.383	Supply of shoring materials post CUS completion on Haymarket site to maintain safety until inception by Clancy Docwra.	2,767	2,767			Agreed			new	TL/JC apply 43% factor agreed 18/05
154.384	CUS to temporary backfill the Carriageway next to the cellars to make safe for the public.	1,620	1,620			Agreed			new	TL/JC apply 43% factor agreed 18/05
154.385	required materials to protect existing services at Torphichen Junction.	1,328	1,328			Agreed			new	TL/JC apply 43% factor agreed 18/05
156.03	Removal an re-laying of 450mm diameter water main.					Agreed			top 68	
156.04	Removal & repositioning of 1 x street light column & 1 x traffic light column.	122	122			Agreed			AS	
156.05	Remove trees at south end of Gyle car park	571	571			Agreed			new	TL/JC apply 43% factor agreed 18/05
156.10	Downtime due to Traffic Management only being permitted off-peak.	1,105	1,105			Agreed			3rd <£2k	
156.11	Downtime incurred awaiting approval of a Traffic Management safety zone.	405	405			Agreed			3rd <£2k	
156.14	Downtime due to Traffic Management only being permitted during off-peak hours.	522	522			Agreed			3rd <£2k	
156.15	Abandoned Trial Holes.	1,334	1,334			Agreed			3rd <£2k	
156.18	Abandoned Trial Holes.	1,215	1,215			Agreed			3rd <£2k	
156.20	Abandoned Trial Holes.	299	299			Agreed			3rd <£2k	
156.22	Removal of trees to progress works.	510	510			Agreed			3rd <£2k	
156.23	Assessed Elsewhere (see Master Change Control Register)					Agreed(*)				
156.25	Assessed Elsewhere (see Master Change Control Register)					Agreed(*)				
156.28	Assessed Elsewhere (see Master Change Control Register)					Agreed(*)				
156.29	Assessed Elsewhere (see Master Change Control Register)					Agreed(*)				
156.30	Assessed Elsewhere (see Master Change Control Register)					Agreed(*)				
156.31	All Disrupted Plant Relating to 5C-01-01	2,433	2,433			Agreed			3rd >£10k	Agreed JC/JC 23/04 email
156.32	Weekend Working as per Record Sheet 23487	1,040		-1,040	-100%	NPO			new	
156.33	Removal of 2 x No Entry Bollards/Signs	728	728			Agreed			AS	
156.34	Assessed Elsewhere (see Master Change Control Register)					Agreed(*)				
156.35	Assessed Elsewhere (see Master Change Control Register)					Agreed(*)				
156.36	Assessed Elsewhere (see Master Change Control Register)					Agreed(*)				
156.37	nil (see Master Change Control Register)					Agreed(*)				
156.38	Supervision of Street Lighting Removal	218	218			Agreed			AS	
156.39	Assessed Elsewhere (see Master Change Control Register)					Agreed(*)				

Change Control	Description	Current				Comments				Progress
		AFP	Cert	Diff	%	Category	tie	CUS	Schedules	
156.41	Assessed Elsewhere (see Master Change Control Register)					Agreed(*)				
156.42	Additional bends to achieve the required depth	1,710	1,710			Agreed			3rd <£2k	
156.43	Resources for Weekend works Sat & Sun	5,084		-5,084	-100%	NPO			3rd	
156.44						Agreed			AS	
156.45						Agreed			AS	
156.48						Agreed			AS	
156.49	Acceptance of Quote for street lighting works at Gyle Car Park.	3,248	3,248			Agreed			AS	
156.50	Remove 5 No. existing street lighting columns, provide temporary lighting	45,000	45,000			Agreed			top 68	
156.55	Assessed Elsewhere (see Master Change Control Register)					Agreed(*)			3rd	
156.56	Excavating for re-instatement of Street Lights at Lochside & backfill with foam concrete.	516	516			Agreed			AS	
156.59	Trial Holes to prove pea-gravel as per tie Change Order 3552.	1,087	1,087			Agreed			3rd	TL/JC apply 43% factor agreed 18/05
156.62	nil (see Master Change Control Register)					Agreed(*)				
156.63	Assessed Elsewhere (see Master Change Control Register)					Agreed(*)				
156.64	Downtime due to Traffic Management along South Gyle Broadway only being permitted Off Peak.					Agreed(*)			3rd >£10k	
156.66	nil (see Master Change Control Register)					Agreed(*)				
CR 160										
160.2	Demolish chamber	1,041	1,041			Agreed			3rd <£2k	
160.4	Logistic support for Elm Row	212,719	176,678	-36,041	-17%	Logistic Support			3rd >£10k	
160.7	Removal of Artificial Obstructions	338	338			Agreed			3rd <£2k	
160.8	Abandoned Trial Holes and artificial Obstructions	507	507			Agreed			3rd <£2k	
160.9	Removal of Artificial Obstructions (concrete)	5,500	5,500			Agreed			new	TL/JC Agreed 04/05
160.11	Removal of Artificial Obstructions	1,461	1,461			Agreed			3rd <£2k	
160.12	Removal of Artificial Obstructions (concrete)	3,304	3,304			Agreed			3rd	TL/JC Agreed 04/05
160.13	No cost implications					Agreed			AS	
160.14	Abandoned Trial Holes	1,303	1,303			Agreed			3rd <£2k	
160.15	Removal of artificial obstructions (old tram foundation)	1,116	1,116			Agreed			new	TL/JC Agreed 04/05
160.18	No cost Implications					Agreed			AS	
160.20	Removal of Artificial Obstructions (Concrete)	6,402	6,402			Agreed			3rd	TL/JC Agreed 04/05
160.22	Removal of Artificial Obstructions (Concrete)	1,903	1,903			Agreed			3rd <£2k	
160.24	Removal of Artificial Obstructions (Concrete)	5,668	5,668			Agreed			3rd	TL/JC Agreed 04/05
160.26	nil (see Master Change Control Register)					Agreed(*)				
160.28	Removal of Steel beams and concrete from diversions	3,785	3,785			Agreed			3rd	TL/JC Agreed 04/05
160.29	Removal of concrete and hand digging around uncharted services	1,843	1,843			Agreed			3rd	TL/JC Agreed 04/05
160.30	Removal of Concrete and steel beams	858	858			Agreed			3rd <£2k	
160.31	Disrupted Plant	33,580	7,269	-26,311	-78%	Disrupted Plant			3rd	
160.33	Concrete and steel beams removed from diversions	26,811	26,811			Agreed			3rd >£10k	TL/JC Agreed 04/05
160.34	Superseded					Agreed			AS	
160.35	Assessed Elsewhere (see Master Change Control Register)					Agreed(*)				
160.36	Assessed Elsewhere (see Master Change Control Register)					Agreed(*)				
160.37	Abandoned Trial Holes	370	370			Agreed			3rd <£2k	
160.38	Removal of Artificial Obstructions (Concrete)	241	241			Agreed			3rd <£2k	
160.39	Removal of Artificial Obstructions comprising of Concrete and Steel	1,842	1,842			Agreed			3rd <£2k	
160.40	nil (see Master Change Control Register)					Agreed			AS	

Change Control	Description	Current				Comments				Progress
		AFF	Cert	Diff	%	Category	tie	CUS	Schedules	
160.41	Drilling of unidentified pipes	503	503			Agreed			AS	
160.43	Hand digging around chartered and unchartered services					Agreed			3rd <£2k	
160.44	Artificial Obstructions (concrete)	929	929			Agreed			3rd <£2k	
160.45	Assessed Elsewhere (see Master Change Control Register)					Agreed			AS	
160.46	Assessed Elsewhere (see Master Change Control Register)					Agreed			AS	
160.47	Assessed Elsewhere (see Master Change Control Register)					Agreed			AS	
160.48	Assessed Elsewhere (see Master Change Control Register)					Agreed			AS	
160.49	Assessed Elsewhere (see Master Change Control Register)					Agreed			AS	
160.50	Assessed Elsewhere (see Master Change Control Register)					Agreed			AS	
160.51	Assessed Elsewhere (see Master Change Control Register)					Agreed			AS	
160.52	Assessed Elsewhere (see Master Change Control Register)					Agreed			AS	
160.53	Assessed Elsewhere (see Master Change Control Register)					Agreed			AS	
160.54	Assessed Elsewhere (see Master Change Control Register)					Agreed			AS	
160.55	Assessed Elsewhere (see Master Change Control Register)					Agreed			AS	
160.56	Artificial obstructions (cast iron)	7,566	7,566			Agreed			top 68	
160.57	Additional Reinstatement					Agreed			top 68	
160.58	Removal of Artificial Obstructions (Concrete)	677	677			Agreed			3rd <£2k	
160.59	nil (see Master Change Control Register)					Agreed			AS	
160.60	Assessed Elsewhere (see Master Change Control Register)					Agreed			AS	
160.61	Artificial Obstructions (Excess Carriageway and Concrete)	5,570	5,570			Agreed			3rd	TL/JC Agreed 04/05
160.62	Abandoned Trial Holes	3,467	3,467			Agreed			3rd	TL/JC Agreed 04/05
160.63	Abandoned Trial Holes - Picardy Place	5,668	5,668			Agreed			3rd	TL/JC Agreed 04/05
160.64	Removal of Artificial Obstructions (Concrete)	1,315	1,315			Agreed			3rd <£2k	
160.65	Hand Digging around existing services					Agreed			3rd <£2k	
160.66	Assessed Elsewhere (see Master Change Control Register)					Agreed			AS	
160.67	Assessed Elsewhere (see Master Change Control Register)					Agreed			AS	
160.68	Hand Digging around existing services					Agreed(*)			3rd	
160.69	Delay And Disruption	306	306			Agreed			3rd <£2k	
160.70	Additional Works	1,958	1,958			Agreed			3rd	TL/JC Agreed 04/05
160.71	Hand Digging around existing services					Agreed			3rd <£2k	
160.72	nil (see Master Change Control Register)					Agreed			AS	
160.73	Assessed Elsewhere (see Master Change Control Register)					Agreed			AS	
160.74	Assessed Elsewhere (see Master Change Control Register)					Agreed			AS	
160.75	Removal of artificial obstructions (9" Cast iron pipe)	822	822			Agreed			3rd <£2k	
160.78	Delay and Disruption					Agreed(*)			3rd	
160.79	Delay and disruption					Agreed(*)			3rd	
160.80	Assessed Elsewhere (see Master Change Control Register)					Agreed			AS	
160.81	Assessed Elsewhere (see Master Change Control Register)					Agreed			AS	
160.82	Assessed Elsewhere (see Master Change Control Register)					Agreed			AS	

Authorised as agreed by CUS-----date-----

Authorised as agreed by tie-----date-----

Change Control	Description	Current				Comments			Schedules	Progress
		AFF	Cert	Diff	%	Category	tie	CUS		
160.83	nil (see Master Change Control Register)					Agreed			AS	
160.84	Assessed Elsewhere (see Master Change Control Register)					Agreed			AS	
160.85	Additional Works	610	610			Agreed			3rd <£2k	
160.86	Assessed Elsewhere (see Master Change Control Register)					Agreed			AS	
160.87	Additional works	593	593			Agreed			AS	
160.88	Assessed Elsewhere (see Master Change Control Register)					Agreed			AS	
160.89	Assessed Elsewhere (see Master Change Control Register)					Agreed			AS	
160.90	Additional works	1,333	1,333			Agreed			top 68	
160.92	Assessed Elsewhere (see Master Change Control Register)					Agreed			AS	
160.93	Assessed Elsewhere (see Master Change Control Register)					Agreed			AS	
160.95	Non Productive Overtime	2,000	2,000			Agreed			3rd	TL/JC Agreed 04/05
160.96	Assessed Elsewhere (see Master Change Control Register)					Agreed			AS	
160.97	Assessed Elsewhere (see Master Change Control Register)					Agreed			AS	
160.99	Assessed Elsewhere (see Master Change Control Register)					Agreed			AS	
160.103	Hand- Digging around unchartered service connections & additional reinstatement due to poor existing road surface.	1,106	1,106			Agreed			3rd <£2k	
160.104	Provide Gatesman for site access.	796	796			Agreed			AS	
160.105	Assessed Elsewhere (see Master Change Control Register)					Agreed			AS	
160.107	Artificial Obstruction	6,977	6,977			Agreed			AS	
160.108	Artificial Obstruction	2,581	2,581			Agreed			AS	
160.109	Artificial Obstruction	3,025	3,025			Agreed			AS	
160.110	Hand Digging					Agreed(*)			3rd	
160.113	Hand Digging					Agreed			3rd <£2k	
160.114	Removal & Reinstatement of gully pots	541	541			Agreed			AS	
160.118	Assessed Elsewhere (see Master Change Control Register)					Agreed(*)				
160.120	Hand Digging					Agreed(*)			new	
160.121	Removal of Historic Tram Rails	299	299			Agreed			new	TL/JC Agreed 04/05
160.122	Hand Digging					Agreed(*)			new	
160.123	Hand Digging					Agreed(*)			new	
160.125	Removing Cast	454	454			Agreed			new	TL/JC Agreed 04/05
160.131	Foam Concrete to support existing cobbles	1,803	1,803			Agreed			new	TL/JC Agreed 04/05; so long as not in measure
160.136	Assessed Elsewhere (see Master Change Control Register)					Agreed(*)				
160.140	Hand Digging within 1C/SP/D/03					Agreed(*)			new	
160.141	Hand Digging					Agreed(*)			new	
160.149	Assessed Elsewhere (see Master Change Control Register)					Agreed(*)				
160.150	Assessed Elsewhere (see Master Change Control Register)					Agreed(*)				
160.151	Assessed Elsewhere (see Master Change Control Register)					Agreed(*)				
160.152	Overbreak of existing TAR & agreed use of Foam Concrete to fill voids caused by cobbles situated underneath existing Tarmac. Refer to CC190.143 for invoices.	12,000	12,000			Agreed			new	TL/JC Agreed 04/05
160.159	Abandoned excavation as per TQ 1493	1,182	1,182			Agreed			new	TL/JC Agreed 04/05

Authorised as agreed by CUS-----date-----

Authorised as agreed by tie-----date-----

Change Control	Description	Current				Comments			Schedules
		AFP	Cert	Diff	%	Category	tie	CUS	
160.160	Hand Digging due to uncharted cellars & existing services					Agreed(*)			new
160.161	nil (see Master Change Control Register)					Agreed(*)			
160.162	Delay to Gas Diversions at Leith Walk/London Road					Agreed(*)			new
160.169	Banksman required to maintain public safety.					Agreed			new
160.170	nil (see Master Change Control Register)					Agreed(*)			
160.171	Assessed Elsewhere (see Master Change Control Register)					Agreed(*)			
160.172	Assessed Elsewhere (see Master Change Control Register)					Agreed(*)			
160.181	Additional excavation to ascertain route & enable investigation by archaeologists.	2,430	2,430			Agreed			new
160.182	Artificial Obstructions at Annandale St.	4,245	4,245			Agreed			new
160.188	Pumping out Water ingress from manhole & route of diversions.					Agreed			new
160.191	Stepping back of excavation to maintain safety required due to extension of connection pit as per record sheet 02656.					Agreed			new
160.193	Additional excavation for archaeological investigations and to determine route around findings.	8,993	8,993			Agreed			new
160.194	Drill & tap a 9" cast main on behalf of Infraco.	159	159			Agreed			new
160.197	Assessed Elsewhere (see Master Change Control Register)					Agreed(*)			
160.198	Assessed Elsewhere (see Master Change Control Register)					Agreed(*)			
160.199	Additional site tidy requested by tie site inspector despite site being acceptable due to Richard Jeffries (tie) attending site.	594	594			Agreed			new
160.201	Extra Over couplers & bends on 1C1/LP/D/104.					Agreed			new
160.213	Cancellation costs for Radius Systems due to the indemnity issue between tie & SGN still being unresolved.	3,133	3,133			Agreed			new
160.216	Assessed Elsewhere (see Master Change Control Register)					Agreed(*)			
160.217	nil (see Master Change Control Register)					Agreed(*)			
160.218	Resources required to re- excavate and remove temporary BT shaft to MRX405.	1,840	1,840			Agreed			new
160.219	Assessed Elsewhere (see Master Change Control Register)					Agreed(*)			
160.220	Assessed Elsewhere (see Master Change Control Register)					Agreed(*)			
160.235	Assessed Elsewhere (see Master Change Control Register)					Agreed(*)			
160.236	Assessed Elsewhere (see Master Change Control Register)					Agreed(*)			
160.238	CUS were required to use 1m3 of concrete to backfill undermining.	50	50			Agreed			new
160.241	Assessed Elsewhere (see Master Change Control Register)					Agreed(*)			
160.248	CUS abandoned excavation due to uncharted stone as per CO 4514.	1,300	1,300			Agreed			new
160.253	Assessed Elsewhere (see Master Change Control Register)					Agreed(*)			
160.257	Additional Reinstatement & Additional Backfill at Annandale street due to isolation of existing TAR and loose ground above existing Sp tunnel.	1,000	1,000			Agreed			new

Progress
This is a D&D item agreed as nil in email TL/JC 22/03 TL/JC Agreed 04/05
TL/JC Agreed 04/05
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TL/JC Agreed 04/05
TL/JC Agreed 05/05
TL/JC Agreed 05/05

Authorised as agreed by CUS-----date-----

Authorised as agreed by tie-----date-----

Change Control	Description	Current				Comments			Schedules	Progress
		AFP	Cert	Diff	%	Category	tie	CUS		
164.01	Works to disband services to the Caledonian Ale House.	2,905	2,905			Agreed			AS	
164.03	Removal of Blister to progress works.	2,864	2,864			Agreed			AS	
164.10	Abandoned Trial Holes to assist with technical queries.	1,140	1,140			Agreed			AS	
164.12	Logistic Support for Haymarket area	333,980	173,669	-160,311	-48%	Logistic Support			3rd >£10k	
164.17	Backfilling excavations at request of tie	529	529			Agreed			AS	
164.18	All Disrupted Plant Relating to 2A-01-01	46,929	46,929			Agreed			AS	Agreed tie & CUS add £39402 TL/JC 11/03
164.19	Abandoned Trial Holes	279	279			Agreed			new	TL/JC apply 43% factor agreed 18/05
164.27	Removal of trees, shrubbery and memorial plaque from route of diversions.	276	276			Agreed			AS	
164.28	Hand Digging.					Agreed			3rd <£2k	
164.29	Artificial Obstructions	238	238			Agreed			3rd <£2k	
164.32	N.P.O associated with essential weekend working as per Change Order 3498.	1,400	1,400			Agreed			AS	
164.35	N.P.O associated with weekend working.	3,173	3,173			NPO			3rd	
164.37	Enabling Works at entrance to Haymarket Yards.	2,718	2,718			Agreed			3rd	TL/JC apply 43% factor agreed 18/05
164.40	Hand Digging					Agreed			3rd <£2k	
164.41	Additional Backfill and Reinstatement.	977	977			Agreed			3rd <£2k	
164.42	Careful removal of concrete trough.	414	414			Agreed			3rd <£2k	
164.43	Removal of steps at Roseberry House.	107	107			Agreed			3rd <£2k	
164.44	Hand Digging					Agreed			3rd <£2k	
164.45	Removal of 3 Nr. Lighting Columns.	389	389			Agreed			3rd <£2k	
164.51	Downtime due to delay in opening Haymarket Yards	973	973			Agreed			3rd <£2k	
164.52	Artificial Obstructions	811	811			Agreed			3rd <£2k	
164.54	Downtime due to unchartered brick structure	679	679			Agreed			3rd <£2k	
164.57	Additional footway reinstatement due to subsidence.	2,502	2,502			Agreed			3rd	TL/JC agreed 26/05
164.58	Reinforced Concrete under Footpath	1,831	1,831			Agreed			3rd	TL/JC apply 43% factor agreed 18/05
164.64	Removal of lampposts from Haymarket Yards.	499	499			Agreed			AS	
164.67	Agreement to temporary reinstatement traffic island to progress other diversions.	5,352	5,352			Agreed			3rd	Agreed to apply 44% factor TL/JC 18/05
164.73	Artificial Obstruction	541	541			Agreed			3rd <£2k	
164.74	Double Handling due to limited work area					Agreed(*)			3rd >£10k	
164.75	Downtime & wasted materials due to uncertainty caused by unchartered structure.	546	546			Agreed			AS	
164.79	Additional Track due to undermining caused by unchartered brick structure.	1,165	1,165			Agreed			AS	
164.80	Concrete	242	242			Agreed			AS	
164.82	As per change order Carillion were required to excavate to remove bull head sculpatures at the entrance to Haymarket Yards	704	704			Agreed			AS	
164.90	Cold Taring & permanent hire of road plates to facilitate weekend working.	4,214	4,214			Agreed			AS	
164.93	Removal of additional shrubbery.	241	241			Agreed			AS	
164.94	Reinforced Concrete	1,348	1,348			Agreed			AS	
164.97	Additional footway reinstatement due to subsidence.	2,785	2,785			Agreed			AS	
164.99	Re- erecting 2nr lampposts.	418	418			Agreed			3rd <£2k	
164.100	Reinforced Concrete	2,998	2,998			Agreed			AS	
164.110	Artificial Obstruction	875	875			Agreed			AS	
164.111	Temporary Walkway for maintaining pedestrian access to Roseberry House.					Agreed			3rd <£2k	
164.113	Re-inforced concrete.	259	259			Agreed			AS	

Change Control	Description	Current				Comments			Schedules	Progress
		AFP	Cert	Diff	%	Category	tie	CUS		
164.117	Street Furniture	88	88			Agreed			3rd <£2k	
164.118	Additional Reinstatement	232	232			Agreed			AS	
164.139	Due to space constraints Carillon were required to transport material to and from worksite by wheelbarrow. Cus were required to stop works on site due land ownership issues.	182	182			Agreed			new	TL/JC apply 43% factor agreed 18/05
169.04	Excavation of Trial Holes as requested	1,257	1,257			Agreed			AS	
169.06	disrupted plant	3,258	3,258			Agreed			AS	Agreed at £627 JC/TL 11/03
169.07	Abandoned Trial holes (ocean terminal)	627	627			Agreed			AS	factor agreed 18/05
185.3	Trial holes on Ocean Drive	1,016	1,016			Agreed			new	factor agreed 18/05
185.4	Repair of steel Plate	2,947	2,947			Agreed			new	factor agreed 18/05
185.5	Trial holes	181	181			Agreed			new	factor agreed 18/05
190.04	Trial Holes	2,787	2,787			Agreed			AS	
190.05	Drilling unidentified mains	748	748			Agreed			AS	
190.06	Delay and disruption	208	208			Agreed			AS	
190.11	Trial Holes	511	511			Agreed			AS	
190.12	Additional Works	845	845			Agreed			AS	
190.16	All disrupted plant associated with 1C-05-01	1,062	1,062			Agreed			AS	
190.17	Hand Digging	8,344	8,344			Agreed			new	TL/JC agreed 26/05
190.18	Delay and Disruption	5,298	5,298			Agreed			3rd	Agreed to apply 44% factor TL/JC 18/05
190.19	Double Handling	554	554			Agreed			AS	
190.20	Double Handling Materials	673	673			Agreed(*)			3rd	
190.21	Delay and Disruption	730	730			Agreed			3rd <£2k	
190.22	Additional Works	1,564	1,564			Agreed			AS	
190.23	Artificial Obstructions	3,041	3,041			Agreed			top 68	
190.24	Concrete Protection over shallow diversion	720	720			Agreed			new	TL/JC apply 43% factor agreed 18/05
190.29	Hand Digging	7,471	7,471			Agreed			3rd <£2k	
190.30	Artificial Obstructions	4,587	4,587			Agreed			new	Agreed to apply 44% factor TL/JC 18/05
190.32	Hand Digging	2,673	2,673			Agreed			new	TL/JC apply 43% factor agreed 18/05
190.33	Removal of undermined Carraigeway	506	506			Agreed			new	TL/JC apply 43% factor agreed 18/05
190.36	Trial Holes	3,097	3,097			Agreed			new	TL/JC apply 43% factor agreed 18/05
190.38	Picking up litter	655	655			Agreed			new	TL/JC apply 43% factor agreed 18/05
190.41	Artificial Obstructions	7,038	7,038			Agreed			new	Agreed to apply 44% factor TL/JC 18/05
190.42	Temporary backfilling of excavation	3,556	3,556			Agreed			new	TL/JC apply 43% factor agreed 18/05
190.43	Extra over foam concrete for Picardy Place - 1C-05-01, as per CVI 01356. To be read in conjunction with CC160.152 as 109m3 already claimed against 1C-04-01.					Agreed			new	
190.45	Hand Digging	2,283	2,283			Agreed(*)			new	
190.50	Artificial Obstructions	1,816	1,816			Agreed			new	TL/JC apply 43% factor agreed 18/05
190.53	Trial Holes	2,287	2,287			Agreed			new	TL/JC apply 43% factor agreed 18/05
190.54	Temporary backfill of excavation	2,929	2,929			Agreed			new	TL/JC apply 43% factor agreed 18/05
190.57	Investigative works					Agreed			new	TL/JC apply 43% factor agreed 18/05

Change Control	Description	Current				Comments			Schedules
		AFF	Cert	Diff	%	Category	tie	CUS	
190.58	Trial Hole	1,077	1,077			Agreed			new
190.61	Trial Hole	1,840	1,840			Agreed			new
190.63	Artificial Obstruction	255	255			Agreed			new
190.67	Hand Digging					Agreed(*)			
190.68	Delay due to unchartered concrete structure	335	335			Agreed			new
160.69	Investigative works	677	677			Agreed			new
190.70	Daily removal of rubbish site wide	127	127			Agreed			new
190.71	Daily removal of rubbish site wide	706	706			Agreed			new
190.73	Removal of excess carriageway	1,150	1,150			Agreed			new
190.74	Topographical survey - Broughton St	549	549			Agreed			new
190.76	Removal of Underground Structure roof	8,191	8,191			Agreed			new
190.77	Backfill and re-excavation of trench	1,551	1,551			Agreed			new
190.80	Hand Digging					Agreed(*)			new
190.81	Foam Concrete Backfill	300	300			Agreed			new
190.84	Site welfare - removing litter from site	556	556			Agreed			new
190.87	Hand Digging					Agreed(*)			new
190.88	Hand Digging					Agreed(*)			new
190.92	Artificial Obstruction	1,529	1,529			Agreed			new
190.93	Reduced productivity due to site restrictions	3,993	3,993			Agreed			new
190.97	Directing traffic on York Pl	47	47			Agreed			new
190.99	Hand Digging					Agreed(*)			new
190.100	Hand Digging					Agreed(*)			new
190.101	Removing silt from underground structure	2,880	2,880			Agreed			new
190.102	Hand Digging					Agreed(*)			new
190.103	CUS infilled underground structure at London Rd/ Playhouse as per drawings detailed under Change Order 3419	7,177	7,177			Agreed			new
190.104	Additional works to underground cellar	8,687	8,687			Agreed			new
190.112	Hand Digging					Agreed(*)			new
190.114	Hand Digging					Agreed(*)			new
190.117	Foam Concrete backfill	401	401			Agreed			new
190.118	Hand Digging					Agreed(*)			new
190.120	requirement for foam concrete to backfill diversions o/s the Conan Doyle to enable TM switch	2,554	2,554			Agreed			new
190.133	Concrete removed from centre section Traffic Management - York Place.	2,731	2,731			Agreed			new
190.136	Removal of lampost and road sign.	1,254	1,254			Agreed			new

Progress
TL/JC apply 43% factor agreed 18/05
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Change Control	Description	Current				Category	Comments		Schedules	Progress
		AFP	Cert	Diff	%		tie	CUS		
190.138	Foam concrete for backfill on York Place due to time constraints.	9,015	9,015			Agreed		new	Agreed to apply 44% factor TL/JC 18/05	
190.153	CUS were required to use foam concrete to accelerate the program and insure the TM switch to area 9 is achieved.	5,008	5,008			Agreed		new	Agreed to apply 44% factor TL/JC 18/05	
190.156	Staking of slabs from the conan doyle to o/s #16 York Place for CEC Flatbed to collect.	276	276			Agreed		new	TL/JC apply 43% factor agreed 18/05	
192.20	10 No Trial Holes at S1A Chancelot Mill					Agreed		AS		
192.40	Trial holes at Chancelot Mill	4,304	4,304			Agreed		AS		
198	1A-01-01	3,885		-3,885	-100%	NPO		3rd >£10k		
198	2A-01-01	21,691	21,539	-152	-1%	NPO		3rd >£10k		
198	1D-01-01	67,052	51,317	-15,735	-23%	NPO		3rd >£10k		
198	1D-04-01	30,070	21,579	-8,491	-28%	NPO		3rd >£10k		
198	1C-01-01	69,866	68,208	-1,658	-2%	NPO		3rd >£10k		
198	1C-04-01	63,738	27,696	-36,042	-57%	NPO		3rd >£10k		
198	1B-01-01	18,941	16,337	-2,604	-14%	NPO		3rd >£10k		
198	1B-02-01	10,932	10,490	-442	-4%	NPO		3rd >£10k		
198	1C-05-01	62,971	46,014	-16,957	-27%	NPO		3rd >£10k		
198	1C-03-02	110,307	116,134	5,827	5%	NPO		3rd >£10k		
228.08	All Disrupted Plant Relating to Worksite 7B	542	542			Agreed		new	TL/JC agreed 26/05	
108	Removal of Princes St. Central Reservation	129,958	101,913	-28,045	-22%	Enabling		top 14		
	Enabling works for St Andrew Square Utility Diversions									
109	Instruction to proceed with works	1,580,068	1,646,539	66,471	4%	Enabling		top 14		
109.4	Enabling Works CVI's	202,366	202,366			Enabling		top 14		
109.23	Whitelining Works	588,235	588,235			Enabling		top 14		
158	Constitution Street Enabling Works	396,396	224,729	-171,667	-43%	Enabling		top 14		
163	Enabling works for 1C (Top of Leith Walk)	225,218	134,130	-91,088	-40%	Enabling		top 14		
166	5B Enabling Works	93,241	63,029	-30,213	-32%	Enabling		top 14		
170	2A Enabling works (Haymarket)	490,688	419,574	-71,115	-14%	Enabling		top 14		
175	General Enabling Works	1,335,089	1,479,134	144,044	11%	Enabling		top 14		
183	5C Enabling Works, Gogar Roundabout	99,494	99,494			Enabling		top 14		
189	Side entry manholes, Leith Walk	2,225,609	2,313,175	87,566	4%	Enabling		top 14		
213	Enabling Works 1A-01-01	15,866	15,866			Enabling		top 14		
218	Enabling Works 1C-01-01	3,391	3,391			Enabling		top 14		
220	Enabling Works 1C-03-02	8,976	8,976			Enabling		top 14		
221	Enabling Works 1C-04-01	108,858	114,281	5,423	5%	Enabling		top 14		
222	Enabling Works York Place	74,003	74,003			Enabling		top 14		
223	Enabling Works Haymarket	6,682	6,682			Enabling		top 14		
224	Enabling Works 1D-04-01	40,967	40,967			Enabling		top 14		
Enabling	Global Enabling Deduction		-953,807	-953,807		Enabling		top 14		
PCS	Pre-construction Services	987,611	987,611			Agreed		PCS/MOS		
Prelims	Prelims	8,936,462	8,936,462			Agreed		Prelims	TL/JC agreed in meeting 02/06 (PK/FD present)	
Other	Gain Share	256,000	256,000			Agreed		top 14		
Other	Indices	1,587,000	1,587,000			Agreed		top 14		
Claim	Entitlement (Up to September 2008)	1,880,000	1,880,000			Agreed		top 14		
Other	Hand Digging	152,000	152,000			Agreed		3rd	TL/JC agreed 26/05	