

**INFRAACO CONTRACT PROGRAMME**

**EDINBURGH TRAM NETWORK**



Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2008												2009												2010												2011															
						Qtr 4			Qtr 1			Qtr 2			Qtr 3			Qtr 4			Qtr 1			Qtr 2			Qtr 3			Qtr 4			Qtr 1			Qtr 2			Qtr 3			Qtr 4															
						O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S				
<b>Edinburgh Tram Contract Programme 29 April 2008</b>						933	28-Sep-07	16-Jul-11	0																																																
<b>Design Stage Consents</b>						121	28-Sep-07	31-Mar-08	235	31-Mar-08, Design Stage Consents																																															
A17260	Forth Ports	100	28-Sep-07	28-Feb-08	20	Forth Ports																																																			
A17270	Network Rail	100	28-Sep-07	28-Feb-08	7	Network Rail																																																			
A17300	British Airports Authority	75	28-Sep-07	24-Jan-08	70	British Airports Authority																																																			
A17310	Stakis Hotels	100	28-Sep-07	28-Feb-08	256	Stakis Hotels																																																			
A17320	Other 3rd Parties	100	28-Sep-07	28-Feb-08	174	Other 3rd Parties																																																			
A17330	Network Rail APA	0		31-Mar-08*	0	Network Rail APA																																																			
<b>TIE Consents</b>						100	28-Sep-07	28-Feb-08	669	28-Feb-08, TIE Consents																																															
A17280	Obtain TTRO's	100	28-Sep-07	28-Feb-08	126	Obtain TTRO's																																																			
A17290	Obtain TRO's	100	28-Sep-07	28-Feb-08	669	Obtain TRO's																																																			
<b>Advanced Works Contract</b>						149	01-Oct-07	12-May-08	783	12-May-08, Advanced Works Contract																																															
161	Award Advanced Works/Mobilisation Contract	0	01-Oct-07		32	Award Advanced Works/Mobilisation Contract																																																			
<b>Finalise Contract in Accordance with Draft Deal</b>						120	01-Oct-07	31-Mar-08	9	31-Mar-08, Finalise Contract in Accordance with Draft Deal																																															
A1000	Staff And Office Running Costs	116	01-Oct-07	11-Mar-08	24	Staff And Office Running Costs																																																			
A1010	Instruct Legal Advise	75	05-Nov-07	29-Feb-08	29	Instruct Legal Advise																																																			
A1020	Instruct Remeasurement of Quantities for Fixed Price	75	05-Nov-07	29-Feb-08	29	Instruct Remeasurement of Quantities for Fixed Price																																																			
A1030	Integration of the Execution Schedules of SDS, TRAF	55	03-Dec-07	29-Feb-08	29	Integration of the Execution Schedules of SDS, TRAMCO; and MUDFA into BBS																																																			
A1040	Method Statement	65	17-Dec-07	31-Mar-08	9	Method Statement																																																			
A1050	Insurance Certificate	5	17-Dec-07	21-Dec-07	69	Insurance Certificate																																																			
A1060	Advance Works Programme	6	04-Feb-08	11-Feb-08	43	Advance Works Programme																																																			
<b>Mobilise Personnel / Project Management</b>						95	05-Nov-07	31-Mar-08	9	31-Mar-08, Mobilise Personnel / Project Management																																															
A1070	Project Staff Salaries and Expenses	106	05-Nov-07	31-Mar-08	9	Project Staff Salaries and Expenses																																																			
A1080	Recruitment Fees	80	26-Nov-07	31-Mar-08	9	Recruitment Fees																																																			
A1120	Develop Quality Assurance Manual	60	07-Jan-08	31-Mar-08	9	Develop Quality Assurance Manual																																																			
A17220	Develop Project Manual (E&M Part)	60	07-Jan-08	31-Mar-08	9	Develop Project Manual (E&M Part)																																																			
A17230	Develop Manual for E & M Project Management and Integration	60	07-Jan-08	31-Mar-08	9	Develop Manual for E & M Project Management and Integration																																																			
A17240	Develop Manual for Documentation Management	60	07-Jan-08	31-Mar-08	9	Develop Manual for Documentation Management																																																			
<b>Review of SDS Design by BBS</b>						75	05-Nov-07	29-Feb-08	29	29-Feb-08, Review of SDS Design by BBS																																															
A1240	Benaim (Value Engineering)	20	05-Nov-07	30-Nov-07	84	Benaim (Value Engineering)																																																			
A1250	Review of Operation Concept	75	05-Nov-07	29-Feb-08	29	Review of Operation Concept																																																			
A1260	Review of Overall System Design Concepts	75	05-Nov-07	29-Feb-08	29	Review of Overall System Design Concepts																																																			
A1265	Review of Commissioning Procedures	75	05-Nov-07	29-Feb-08	29	Review of Commissioning Procedures																																																			
A1270	Review of System Design for E & M LOTS	75	05-Nov-07	29-Feb-08	29	Review of System Design for E & M LOTS																																																			
A1290	Finalisation of RST Parameters	75	05-Nov-07	29-Feb-08	29	Finalisation of RST Parameters																																																			
<b>Undertake Procurement Activities</b>						15	11-Feb-08	29-Feb-08	29	29-Feb-08, Undertake Procurement Activities																																															
A1130	Place Order for Main Project Office Units	5	11-Feb-08	15-Feb-08	39	Place Order for Main Project Office Units																																																			
A1140	Place Order for BT Office Connection	5	11-Feb-08	15-Feb-08	39	Place Order for BT Office Connection																																																			
A1150	Place Order for SP Office Power Connection	5	11-Feb-08	15-Feb-08	39	Place Order for SP Office Power Connection																																																			
A1160	Place Advance Works Order with BARR Constructi	5	18-Feb-08	22-Feb-08	34	Place Advance Works Order with BARR Construction																																																			
A1170	Place Advance Works Order with RJ MCLEOD	5	18-Feb-08	22-Feb-08	34	Place Advance Works Order with RJ MCLEOD																																																			
A1180	Place Advance Works Order with FARRANS	5	18-Feb-08	22-Feb-08	34	Place Advance Works Order with FARRANS																																																			
A1190	Place Advance Works Order with GRAHAMS	5	18-Feb-08	22-Feb-08	34	Place Advance Works Order with GRAHAMS																																																			
A1200	Place Advance Works order with AN Other	5	25-Feb-08	29-Feb-08	29	Place Advance Works order with AN Other																																																			

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						Qtr 4			Qtr 1			Qtr 2			Qtr 3			Qtr 4			Qtr 1			Qtr 2			Qtr 3			Qtr 4			Qtr 1			Qtr 2			Qtr 3			Qtr 4																							
						O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S												
<b>Port of Leith Tram Stop</b>						05-Jul-10, Port of Leith Tram Stop																																																											
12080	Issue Construction Drawings	0	25-Apr-08	05-Jul-10	255	◆ Issue Construction Drawings																																																											
17	Civil Engineering and Building Works	65	09-Dec-09	23-Mar-10	105	■ Civil Engineering and Building Works																																																											
188	Order REC Supply	0	17-Feb-10		350	◆ Order REC Supply																																																											
A1800	Deliver and Install Shelter	10	31-Mar-10	15-Apr-10	129	■ Deliver and Install Shelter																																																											
A4358	Access for visual inspection for E&M Tram Stop inst	0	16-Mar-10		348	◆ Access for visual inspection for E&M Tram Stop installation																																																											
A4359	Access for E&M Tram Stop installation (01A Ocean	0	15-Apr-10		132	◆ Access for E&M Tram Stop installation (01A Ocean Dr																																																											
A4360	Install LV Power Supply and LV Power Equipment	25	15-Apr-10	21-May-10	129	■ Install LV Power Supply and LV Power Equipment																																																											
A4370	Install Telecon Equipment	20	21-May-	21-Jun-10	139	■ Install Telecon Equipment																																																											
A4380	Install Station Control Equipment + AFC Equipment	25	21-May-	28-Jun-10	129	■ Install Station Control Equipment + AFC Equi																																																											
A4390	Package Test Tramstop	5	28-Jun-10	05-Jul-10	129	■ Package Test Tramstop																																																											
<b>Bernard Street (inc.) to Foot of the Walk (exc.)</b>						24-Dec-10, Bernard St																																																											
<b>Bernard Street Tram Stop</b>						24-Dec-10, Bernard St																																																											
12090	Issue Construction Drawings	0	25-Apr-08		0	◆ Issue Construction Drawings																																																											
198	Order REC Supply	0	13-Aug-10		227	◆ Order REC Supply																																																											
20	Civil Engineering And Building Works	65	15-Jun-10	14-Sep-10	6	■ Civil Engineering And Building Work																																																											
A1850	Deliver and Install Shelter	10	24-Sep-10	07-Oct-10	6	■ Deliver and Install Shelter																																																											
A4398	Access for visual insepction for E&M Tram Stop inst	0	08-Sep-10		223	◆ Access for visual insepction for E&M																																																											
A4399	Access for E&M Tram Stop installation (01A Consti	0	08-Oct-10		201	◆ Access for E&M Tram Stop instal																																																											
A4400	Install LV Power Supply and LV Power Equipment	25	08-Oct-10	11-Nov-10	6	■ Install LV Power Supply and																																																											
A4410	Install Telecon Equipment	20	12-Nov-10	10-Dec-10	16	■ Install Telecon Equipmen																																																											
A4420	Install Station Control Equipment + AFC Equipment	25	12-Nov-10	17-Dec-10	6	■ Install Station Control Ec																																																											
A4430	Package Test Tramstop	5	20-Dec-10	24-Dec-10	6	■ Package Test Tramstop																																																											
<b>Trackworks</b>						15-Sep-10, Trackworks																																																											
12100	Issue Construction Drawings	0	03-Oct-08	03-Oct-08*	0	◆ Issue Construction Drawings																																																											
<b>Baltic to Queen Charlotte Ch 2110-2340</b>						15-Sep-10, Baltic to Queen Charlot																																																											
A14870	Establish Traffic Management & Temp. Fencing	2	11-Jun-10	14-Jun-10	6	■ Establish Traffic Management & Temp. Fencing																																																											
A14880	Excavate box	10	15-Jun-10	28-Jun-10	33	■ Excavate box																																																											
A14890	Excavate, lay and concrete ducts	14	29-Jun-10	16-Jul-10	33	■ Excavate, lay and concrete ducts																																																											
A14900	Excavate and construct OLE bases	14	29-Jun-10	16-Jul-10	33	■ Excavate and construct OLE bases																																																											
A14910	Set Track (230m)	15	01-Jul-10	21-Jul-10	33	■ Set Track (230m)																																																											
A14920	Place upper concrete and cure	15	06-Jul-10	26-Jul-10	69	■ Place upper concrete and cure																																																											
A14930	Street Surface finishes	6	27-Jul-10	04-Aug-10	69	■ Street Surface finishes																																																											
A14940	Remove fencing and Traffic Management	1	15-Sep-10	15-Sep-10	40	■ Remove fencing and Traffic Manag																																																											
<b>Queen Charlotte to Foot/Walk Ch 2340-2730</b>						10-Jun-10, Queen Charlotte to Foot/Walk Ch 2																																																											
A14630	Establish Traffic Management & Temp. Fencing	2	05-Feb-10	09-Feb-10	19	■ Establish Traffic Management & Temp. Fencing																																																											
A14640	Excavate box	16	09-Feb-10	03-Mar-10	19	■ Excavate box																																																											
A14650	Excavate, lay and concrete ducts	24	03-Mar-10	07-Apr-10	19	■ Excavate, lay and concrete ducts																																																											
A14660	Excavate and construct OLE bases	24	03-Mar-10	07-Apr-10	19	■ Excavate and construct OLE bases																																																											
A14680	Set Track (390m)	25	21-Apr-10	26-May-10	6	■ Set Track (390m)																																																											
A14690	Place upper concrete and cure	25	26-Apr-10	01-Jun-10	6	■ Place upper concrete and cure																																																											
A14700	Street Surface finishes	6	02-Jun-10	09-Jun-10	6	■ Street Surface finishes																																																											
A14710	Remove fencing and Traffic Management	1	10-Jun-10	10-Jun-10	6	■ Remove fencing and Traffic Management																																																											
<b>Roadworks</b>						11-Aug-10, Roadworks																																																											
12110	Issue Construction Drawings	0	03-Oct-08	03-Oct-08*	0	◆ Issue Construction Drawings																																																											
<b>Baltic to Queen Charlotte Ch 2110-2340</b>						11-Aug-10, Baltic to Queen Charlotte, C																																																											
A14950	Excavate for new channel and kerb line / remove ex	10	15-Jun-10	28-Jun-10	64	■ Excavate for new channel and kerb line / rem																																																											
A14960	Construct Kerb lines	12	18-Jun-10	05-Jul-10	64	■ Construct Kerb lines																																																											
A14970	Reset Gullies	24	02-Jul-10	05-Aug-10	64	■ Reset Gullies																																																											
A14980	Surface new channel	4	06-Aug-10	11-Aug-10	64	■ Surface new channel																																																											
A14990	Pavement Works	23	06-Jul-10	06-Aug-10	67	■ Pavement Works																																																											
A15000	Street Lighting / Traffic Signals / Road Signs	7	06-Jul-10	14-Jul-10	83	■ Street Lighting / Traffic Signals / Road Sign																																																											

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						O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J							
<b>Queen Charlotte to Foot /Walk Ch 2340-2730</b>						62	09-Feb-10	10-May-10	28																																																
A14810	Excavate for new channel and kerb line / remove ex	16	09-Feb-10	03-Mar-10	28																																																				
A14820	Construct Kerb lines	20	12-Feb-10	12-Mar-10	28																																																				
A14830	Reset Gullies	40	26-Feb-10	26-Apr-10	31																																																				
A14840	Surface new channel	6	26-Apr-10	05-May-10	31																																																				
A14850	Pavement Works	39	12-Mar-10	10-May-10	28																																																				
A14860	Street Lighting / Traffic Signals / Road Signs	7	12-Mar-10	23-Mar-10	60																																																				
<b>01B Foot of the Walk (inc.) to McDonald Road (exc.)</b>						608	14-Mar-08	31-Aug-10	214																																																
<b>E &amp; M Installation</b>						65	28-May-	31-Aug-10	214																																																
A3763	Access for visual inspection for E&M wayside installa	0	28-May-		279																																																				
A3764	Access for E&M wayside installation (01B)	0	30-Jun-10		258																																																				
A3765	Installation of poles and building fixings	10	30-Jun-10	13-Jul-10	0																																																				
A3770	Overhead Catenary Line	23	14-Jul-10	16-Aug-10	0																																																				
A3778	Access for visual inspection to cable pits for cable lay	0	28-Jun-10		259																																																				
A3779	Access to cable pits for cable laying (01B)	0	28-Jul-10		238																																																				
A3780	Install Electrical Cables	12	28-Jul-10	13-Aug-10	88																																																				
A3790	Install Fibre Optic Cables	12	28-Jul-10	13-Aug-10	100																																																				
A3800	Install Signalling Wayside Equipment	12	16-Aug-10	31-Aug-10	88																																																				
<b>Foot of the walk (inc.) to Balfour Street (exc.)</b>						586	28-Mar-08	13-Aug-10	227																																																
<b>Foot of the Walk Tram Stop</b>						563	25-Apr-08	10-Aug-10	230																																																
12120	Issue Construction Drawings	0	25-Apr-08*		0																																																				
528	Order REC Supply	0	24-Mar-10		325																																																				
<b>Construction</b>						126	09-Feb-10	10-Aug-10	230																																																
50	Civil Engineering And Building Works	65	09-Feb-10	13-May-10	125																																																				
A2560	Deliver and Install Shelter	10	07-May-	21-May-10	104																																																				
A4438	Access for visual inspection for E&M Tram Stop inst	0	21-Apr-10		322																																																				
A4439	Access for E&M Tram Stop installation (01B Foot of	0	21-May-		106																																																				
A4440	Install LV Power Supply and LV Power Equipment	25	21-May-	28-Jun-10	104																																																				
A4450	Install Telecom Equipment	20	28-Jun-10	26-Jul-10	114																																																				
A4460	Install Station Control Equipment + AFC Equipment	25	28-Jun-10	03-Aug-10	104																																																				
A4470	Package Test Tramstop	5	03-Aug-10	10-Aug-10	104																																																				
<b>Leith Walk Substation</b>						144	19-Jan-10	13-Aug-10	227																																																
146	Order REC supply from Scottish Power	0	19-Jan-10		150																																																				
176	Civil Engineering and Building Works	65	09-Feb-10	13-May-10	150																																																				
A2638	Access for visual inspection for E&M Substation inst	0	13-Apr-10		328																																																				
A2639	Access for E&M Substation installation (01B Leith W	0	13-May-		153																																																				
A5530	Power Infeed from Public Net available inc HV cable	0	13-May-		150																																																				
A5540	Install LV Power Supply and LV Power Equipment	15	27-May-	18-Jun-10	140																																																				
A5550	Installation of TPS Equipment	30	11-Jun-10	23-Jul-10	93																																																				
A5560	Install Telecom and Scada	15	02-Jul-10	23-Jul-10	101																																																				
A5570	Testing and Commissioning	14	23-Jul-10	13-Aug-10	101																																																				
<b>Trackwork</b>						337	15-May-09	23-Sep-09	6																																																
12130	Issue Construction Drawings	0	15-May-08*		0																																																				
<b>Foot of the Walk Ch 0-100</b>						67	12-Dec-08	30-Mar-09	0																																																
<b>Phase 1</b>						31	12-Dec-08	06-Feb-09	0																																																
A12450	Establish Traffic Management & Temp. Fencing	2	12-Dec-08	15-Dec-08	11																																																				
A12460	Excavate box	2	16-Dec-08	17-Dec-08	11																																																				
A12470	Excavate, lay and concrete ducts	3	18-Dec-08	05-Jan-09	11																																																				
A12480	Excavate and construct OLE bases	3	18-Dec-08	05-Jan-09	11																																																				
A12500	Set Track (50m)	6	21-Jan-09	28-Jan-09	0																																																				
A12510	Place upper concrete and cure	6	26-Jan-09	02-Feb-09	0																																																				
A12520	Street Surface finishes	3	03-Feb-09	05-Feb-09	0																																																				

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						O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S				
<b>2nd Half (Dummy)</b>						102	14-Jan-10	09-Jun-10	0	09-Jun-10, 2nd Half (Dummy)																																															
A16330	Excavate box	8	14-Jan-10	25-Jan-10	62	<ul style="list-style-type: none"> <li>Excavate box</li> </ul>																																																			
A16340	Excavate, lay and concrete ducts	11	26-Jan-10	09-Feb-10	62	<ul style="list-style-type: none"> <li>Excavate, lay and concrete ducts</li> </ul>																																																			
A16350	Set Track	14	11-May-10	28-May-10	0	<ul style="list-style-type: none"> <li>Set Track</li> </ul>																																																			
A16360	Place upper concrete and cure	14	14-May-10	03-Jun-10	0	<ul style="list-style-type: none"> <li>Place upper concrete and cure</li> </ul>																																																			
A16370	Street Surface finishes	3	04-Jun-10	08-Jun-10	0	<ul style="list-style-type: none"> <li>Street Surface finishes</li> </ul>																																																			
A16380	Remove fencing and Traffic Management	1	09-Jun-10	09-Jun-10	0	<ul style="list-style-type: none"> <li>Remove fencing and Traffic Management</li> </ul>																																																			
<b>London Road Ch 375-450</b>						33	10-Jun-10	26-Jul-10	1	26-Jul-10, London Road Ch 375-450																																															
<b>1st Half (Dummy)</b>						17	10-Jun-10	02-Jul-10	1	02-Jul-10, 1st Half (Dummy)																																															
A16260	Establish Traffic Management & Temp. Fencing	2	10-Jun-10	11-Jun-10	0	<ul style="list-style-type: none"> <li>Establish Traffic Management &amp; Temp. Fencing</li> </ul>																																																			
A16270	Excavate box	2	14-Jun-10	15-Jun-10	0	<ul style="list-style-type: none"> <li>Excavate box</li> </ul>																																																			
A16280	Excavate, lay and concrete ducts	3	16-Jun-10	18-Jun-10	0	<ul style="list-style-type: none"> <li>Excavate, lay and concrete ducts</li> </ul>																																																			
A16290	Excavate and construct OLE bases	3	16-Jun-10	18-Jun-10	0	<ul style="list-style-type: none"> <li>Excavate and construct OLE bases</li> </ul>																																																			
A16300	Set Track (300m)	4	21-Jun-10	24-Jun-10	0	<ul style="list-style-type: none"> <li>Set Track (300m)</li> </ul>																																																			
A16310	Place upper concrete and cure	4	24-Jun-10	29-Jun-10	1	<ul style="list-style-type: none"> <li>Place upper concrete and cure</li> </ul>																																																			
A16320	Street Surface finishes	3	30-Jun-10	02-Jul-10	1	<ul style="list-style-type: none"> <li>Street Surface finishes</li> </ul>																																																			
<b>2nd Half (Dummy)</b>						16	05-Jul-10	26-Jul-10	1	26-Jul-10, 2nd Half (Dummy)																																															
A16390	Excavate box	2	05-Jul-10	06-Jul-10	1	<ul style="list-style-type: none"> <li>Excavate box</li> </ul>																																																			
A16400	Excavate, lay and concrete ducts	3	07-Jul-10	09-Jul-10	1	<ul style="list-style-type: none"> <li>Excavate, lay and concrete ducts</li> </ul>																																																			
A16410	Set Track	4	12-Jul-10	15-Jul-10	1	<ul style="list-style-type: none"> <li>Set Track</li> </ul>																																																			
A16420	Place upper concrete and cure	4	15-Jul-10	20-Jul-10	1	<ul style="list-style-type: none"> <li>Place upper concrete and cure</li> </ul>																																																			
A16430	Street Surface finishes	3	21-Jul-10	23-Jul-10	1	<ul style="list-style-type: none"> <li>Street Surface finishes</li> </ul>																																																			
A16440	Remove fencing and Traffic Management	1	26-Jul-10	26-Jul-10	1	<ul style="list-style-type: none"> <li>Remove fencing and Traffic Management</li> </ul>																																																			
<b>Roadworks</b>						283	29-May-10	21-Jul-09	59	21-Jul-09, Roadworks																																															
12200	Issue Construction Drawings	0	29-May-08*	29-May-08*	0	<ul style="list-style-type: none"> <li>Issue Construction Drawings</li> </ul>																																																			
<b>Leith Walk Ch 0-375</b>						94	31-Oct-08	26-Mar-09	35	26-Mar-09, Leith Walk Ch 0-375																																															
A13540	Dummy	80	31-Oct-08	26-Mar-09	35	<ul style="list-style-type: none"> <li>Dummy</li> </ul>																																																			
<b>London Road Ch 375-450</b>						80	27-Mar-09	21-Jul-09	59	21-Jul-09, London Road Ch 375-450																																															
A13570	Dummy	80	27-Mar-09	21-Jul-09	35	<ul style="list-style-type: none"> <li>Dummy</li> </ul>																																																			
<b>Picardy Place (inc.) to St. Andrews Square (exc.)</b>						708	23-Apr-08	11-Mar-11	87	11-Mar-11, P																																															
<b>Trackworks</b>						585	29-May-10	08-Oct-10	23	08-Oct-10, Trackworks																																															
12210	Issue Construction Drawings	0	29-May-08*	29-May-08*	0	<ul style="list-style-type: none"> <li>Issue Construction Drawings</li> </ul>																																																			
<b>Picardy Place Ch 450-700</b>						124	15-Apr-10	08-Oct-10	0	08-Oct-10, Picardy Place Ch 450																																															
<b>Phase 3</b>						60	15-Apr-10	09-Jul-10	0	09-Jul-10, Phase 3																																															
<b>1st Half (Dummy)</b>						36	15-Apr-10	07-Jun-10	8	07-Jun-10, 1st Half (Dummy)																																															
A164	Establish Traffic Management & Temp. Fencing	2	15-Apr-10	16-Apr-10	27	<ul style="list-style-type: none"> <li>Establish Traffic Management &amp; Temp. Fencing</li> </ul>																																																			
A164	Excavate box	2	19-Apr-10	20-Apr-10	27	<ul style="list-style-type: none"> <li>Excavate box</li> </ul>																																																			
A164	Excavate, lay and concrete ducts	3	21-Apr-10	23-Apr-10	27	<ul style="list-style-type: none"> <li>Excavate, lay and concrete ducts</li> </ul>																																																			
A164	Excavate and construct OLE bases	3	21-Apr-10	23-Apr-10	27	<ul style="list-style-type: none"> <li>Excavate and construct OLE bases</li> </ul>																																																			
A164	Set Track (100m)	4	24-May-10	27-May-10	8	<ul style="list-style-type: none"> <li>Set Track (100m)</li> </ul>																																																			
A165	Place upper concrete and cure	4	27-May-10	02-Jun-10	8	<ul style="list-style-type: none"> <li>Place upper concrete and cure</li> </ul>																																																			
A165	Street Surface finishes	3	03-Jun-10	07-Jun-10	8	<ul style="list-style-type: none"> <li>Street Surface finishes</li> </ul>																																																			
<b>2nd Half (Dummy)</b>						24	08-Jun-10	09-Jul-10	0	09-Jul-10, 2nd Half (Dummy)																																															
A165	Excavate box	2	08-Jun-10	09-Jun-10	8	<ul style="list-style-type: none"> <li>Excavate box</li> </ul>																																																			
A165	Excavate, lay and concrete ducts	3	10-Jun-10	14-Jun-10	8	<ul style="list-style-type: none"> <li>Excavate, lay and concrete ducts</li> </ul>																																																			
A165	Set Track	4	25-Jun-10	30-Jun-10	0	<ul style="list-style-type: none"> <li>Set Track</li> </ul>																																																			
A165	Place upper concrete and cure	4	30-Jun-10	05-Jul-10	0	<ul style="list-style-type: none"> <li>Place upper concrete and cure</li> </ul>																																																			
A165	Street Surface finishes	3	06-Jul-10	08-Jul-10	0	<ul style="list-style-type: none"> <li>Street Surface finishes</li> </ul>																																																			
A165	Remove fencing and Traffic Management	1	09-Jul-10	09-Jul-10	0	<ul style="list-style-type: none"> <li>Remove fencing and Traffic Management</li> </ul>																																																			
<b>Phase 4</b>						64	12-Jul-10	08-Oct-10	0	08-Oct-10, Phase 4																																															
A16580	Establish Traffic Management & Temp. Fencing	2	12-Jul-10	13-Jul-10	0	<ul style="list-style-type: none"> <li>Establish Traffic Management &amp; Temp. Fen</li> </ul>																																																			
A16590	Excavate box	6	14-Jul-10	21-Jul-10	0	<ul style="list-style-type: none"> <li>Excavate box</li> </ul>																																																			

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						Qtr 4			Qtr 1			Qtr 2			Qtr 3			Qtr 4			Qtr 1			Qtr 2			Qtr 3			Qtr 4			Qtr 1			Qtr 2			Qtr 3			Qtr 4															
						O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J							
<b>York Place Ch 700-850</b>						70	20-Jan-10	28-Apr-10	27	28-Apr-10, Yprk Place Ch 700-850																																															
<b>Phase 1</b>						50	20-Jan-10	30-Mar-10	7	30-Mar-10, Phase 1																																															
A13680	Dummy	50	20-Jan-10	30-Mar-10	7	Dummy																																																			
<b>Phase 2</b>						20	31-Mar-10	28-Apr-10	27	28-Apr-10, Phase 2																																															
A13690	Dummy	20	31-Mar-10	28-Apr-10	27	Dummy																																																			
<b>York Place Ch 850-1000</b>						94	29-Apr-10	10-Sep-10	80	10-Sep-10, York Place Ch 850-1000																																															
<b>Phase 1</b>						50	29-Apr-10	09-Jul-10	87	09-Jul-10, Phase 1																																															
A13700	Dummy	50	29-Apr-10	09-Jul-10	61	Dummy																																																			
<b>Phase 2</b>						44	12-Jul-10	10-Sep-10	80	10-Sep-10, Phase 2																																															
A13710	Dummy	20	12-Jul-10	10-Sep-10	61	Dummy																																																			
<b>Cathedral SubStation</b>						174	24-Mar-10	29-Nov-10	151	29-Nov-10, Cathedral SubStation																																															
346	Order REC supply from Scottish Power	0	24-Mar-10		54	Order REC supply from Scottish Power																																																			
356	Civil Engineering and Building Works	65	15-Apr-10	16-Jul-10	54	Civil Engineering and Building Works																																																			
A2838	Access for visual inspection for E&M substation installation (01C Cathrec	0	17-Jun-10		281	Access for visual inspection for E&M substation installation (01C Cathrec																																																			
A2839	Access for E&M substation installation (01C Cathrec	0	19-Jul-10		55	Access for E&M substation installation (01C Cathrec																																																			
A5580	Power Infeed from Public Net available inc HV cable	0	19-Jul-10		54	Power Infeed from Public Net available inc HV cable																																																			
A5590	Install LV Power Supply and LV Power Equipment	15	19-Jul-10	10-Sep-10	30	Install LV Power Supply and LV Power Equipment																																																			
A5600	Installation of TPS Equipment	30	06-Sep-10	15-Oct-10	30	Installation of TPS Equipment																																																			
A5610	Install Telecom and Scada	15	27-Sep-10	15-Oct-10	41	Install Telecom and Scada																																																			
A5620	Testing and Commissioning	14	18-Oct-10	04-Nov-10	41	Testing and Commissioning																																																			
A6120	Installation of SIG-interlocking cubicle	10	02-Aug-10	13-Aug-10	106	Installation of SIG-interlocking cubicle																																																			
A6130	Commissioning of SIG -interlocking cubicle	5	23-Nov-10	29-Nov-10	35	Commissioning of SIG -interlocking cubicle																																																			
<b>St. Andrews Square (inc.) to Princes Street West (exc.)</b>						662	28-Mar-08	29-Nov-10	151	29-Nov-10, St. Andrews Square (inc.) to Princes Street West (exc.)																																															
<b>Trackworks</b>						418	29-May-08	11-Feb-10	227	11-Feb-10, Trackworks																																															
12240	Issue Construction Drawings	0	29-May-08*		0	Issue Construction Drawings																																																			
<b>St Andrews Square to Waverley Bridge Ch 1000-1360</b>						101	09-Sep-09	11-Feb-10	227	11-Feb-10, St Andrews Square to Waverley Bridge Ch 1000-1360																																															
A13530	Dummy	60	09-Sep-09	05-Jan-10	211	Dummy																																																			
A16820	Establish Traffic Management & Temp. Fencing	2	09-Sep-09	10-Sep-09	39	Establish Traffic Management & Temp. Fencing																																																			
A16830	Excavate box	15	11-Sep-09	01-Oct-09	39	Excavate box																																																			
A16840	Excavate, lay and concrete ducts	22	02-Oct-09	02-Nov-09	39	Excavate, lay and concrete ducts																																																			
A16850	Excavate and construct OLE bases	22	02-Oct-09	02-Nov-09	39	Excavate and construct OLE bases																																																			
A16860	Set Track (360m)	24	27-Nov-09	03-Feb-10	9	Set Track (360m)																																																			
A16870	Place upper concrete and cure	23	06-Jan-10	05-Feb-10	115	Place upper concrete and cure																																																			
A16880	Street Surface finishes	3	08-Feb-10	10-Feb-10	115	Street Surface finishes																																																			
A16890	Remove fencing and Traffic Management	1	11-Feb-10	11-Feb-10	115	Remove fencing and Traffic Management																																																			
<b>Roadworks</b>						391	29-May-08	05-Jan-10	190	05-Jan-10, Roadworks																																															
12250	Issue Construction Drawings	0	29-May-08*		0	Issue Construction Drawings																																																			
<b>St Andrews Square to Waverley Bridge Ch 1000-1360</b>						74	09-Sep-09	05-Jan-10	190	05-Jan-10, St Andrews Square to Waverley Bridge Ch 1000-1360																																															
A13520	Dummy	60	09-Sep-09	05-Jan-10	166	Dummy																																																			
<b>Princes Street West Tram Stop</b>						390	29-Apr-08	23-Nov-09	401	23-Nov-09, Princes Street West Tram Stop																																															
12290	Issue Construction Drawings	0	29-Apr-08*		0	Issue Construction Drawings																																																			
578	Order REC Supply	0	08-Jun-09		520	Order REC Supply																																																			
630	Civil Engineering And Building Works	65	05-Feb-09	08-May-09	292	Civil Engineering And Building Works																																																			
A2780	Deliver and Install Shelter	10	20-Jul-09	07-Sep-09	218	Deliver and Install Shelter																																																			
A4598	Access for visual inspection for E&M Tram Stop installation (01D Princes Street West)	0	06-Aug-09		477	Access for visual inspection for E&M Tram Stop installation (01D Princes Street West)																																																			
A4599	Access for E&M Tram Stop installation (01D Princes Street West)	0	07-Sep-09		256	Access for E&M Tram Stop installation (01D Princes Street West)																																																			
A4600	Install LV Power Supply and LV Power Equipment	25	07-Sep-09	12-Oct-09	218	Install LV Power Supply and LV Power Equipment																																																			
A4610	Install Telecom Equipment	20	12-Oct-09	09-Nov-09	228	Install Telecom Equipment																																																			
A4620	Install Station Control Equipment + AFC Equipment	25	12-Oct-09	16-Nov-09	218	Install Station Control Equipment + AFC Equipment																																																			
A4630	Package Test Tramstop	5	16-Nov-09	23-Nov-09	275	Package Test Tramstop																																																			
<b>St Andrews Square Tram Stop</b>						662	28-Mar-08	29-Nov-10	151	29-Nov-10, St Andrews Square Tram Stop																																															
12260	Issue Construction Drawings	0	28-Mar-08*		0	Issue Construction Drawings																																																			

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						Qtr 4			Qtr 1			Qtr 2			Qtr 3			Qtr 4			Qtr 1			Qtr 2			Qtr 3			Qtr 4			Qtr 1			Qtr 2			Qtr 3			Qtr 4																							
						O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S												
<b>Russell Road Retaining Walls (W3 and W4)</b>						07-Aug-09, Russell Road Retaining Walls (W3 and W4)																																																											
10660	Issue Construction Drawings	325	15-Apr-08	07-Aug-09	312	<ul style="list-style-type: none"> <li>Issue Construction Drawings</li> <li>Site Clearance</li> <li>Demolish Existing Buildings</li> <li>Temporary Access Road</li> <li>Bored Piling</li> <li>Pile Caps</li> <li>Retaining Wall</li> <li>Waterproofing</li> <li>Imported Fill</li> <li>Parapet</li> <li>Road Reinstate</li> </ul>																																																											
107	Site Clearance	20	15-May-08	12-Jun-08	134																																																												
250	Demolish Existing Buildings	50	13-Jun-08	22-Aug-08	134																																																												
338	Temporary Access Road	15	18-Aug-08	05-Sep-08	145																																																												
348	Bored Piling	15	08-Sep-08	26-Sep-08	134																																																												
370	Pile Caps	30	17-Nov-08	12-Jan-09	99																																																												
659	Retaining Wall	45	13-Jan-09	16-Mar-09	99																																																												
669	Waterproofing	20	17-Mar-09	14-Apr-09	99																																																												
679	Imported Fill	55	31-Mar-09	18-Jun-09	99																																																												
689	Parapet	25	29-May-09	02-Jul-09	99																																																												
699	Road Reinstate	25	03-Jul-09	07-Aug-09	312																																																												
<b>Murrayfield Tram Stop Retaining Wall (W18)</b>						27-May-09, Murrayfield Tram Stop Retaining Wall (W18)																																																											
10740	Issue Construction Drawings	265	28-Apr-08	27-May-09	247	<ul style="list-style-type: none"> <li>Issue Construction Drawings</li> <li>Site Clearance</li> <li>Foundations</li> <li>Reinforced Earth Wall</li> <li>Coping</li> <li>Handrail</li> <li>Steps</li> </ul>																																																											
108	Site Clearance	20	29-May-08	25-Jun-08	92																																																												
182	Foundations	15	26-Jun-08	16-Jul-08	92																																																												
217	Reinforced Earth Wall	130	10-Jul-08	23-Jan-09	92																																																												
418	Coping	15	26-Jan-09	13-Feb-09	195																																																												
428	Handrail	10	16-Feb-09	27-Feb-09	247																																																												
440	Steps	85	26-Jan-09	27-May-09	247																																																												
<b>Trackwork (470m)</b>						16-Feb-10, Trackwork (470m)																																																											
10180	Issue Construction Drawings	396	03-Jul-08	16-Feb-10	186	<ul style="list-style-type: none"> <li>Issue Construction Drawings</li> <li>Bulk Excavation - Sub Base</li> <li>OLE Foundations - Drainage</li> <li>CBM- Ducts</li> <li>Track Laying</li> <li>Track Finishes</li> <li>Fencing</li> </ul>																																																											
1029	Bulk Excavation - Sub Base	10	03-Jul-09	16-Jul-09	99																																																												
1039	OLE Foundations - Drainage	19	17-Jul-09	13-Aug-09	99																																																												
1049	CBM- Ducts	10	14-Aug-09	27-Aug-09	99																																																												
1059	Track Laying	17	04-Dec-09	11-Jan-10	30																																																												
253	Track Finishes	16	12-Jan-10	02-Feb-10	170																																																												
540	Fencing	10	03-Feb-10	16-Feb-10	186																																																												
<b>Murrayfield Stadium Tram Stop</b>						03-Nov-10, Murrayfield Stadium																																																											
10460	Issue Construction Drawings	622	30-Apr-08	03-Nov-10	168	<ul style="list-style-type: none"> <li>Issue Construction Drawings</li> <li>Civil Engineering and Building Works</li> <li>Order REC Supply</li> <li>Deliver and Install Shelter</li> <li>Access for visual inspection for E&amp;M Tram Stop installation</li> <li>Access for E&amp;M Tram Stop installation (05A Murray)</li> <li>Install LV Power Supply and LV Power Equipment</li> <li>Install Telecom Equipment</li> <li>Install Station Control Equipment + AFC Equipment</li> <li>Package Test Tramstop</li> <li>Installation of SIG-interlocking cubicle</li> <li>Commissioning of SIG-interlocking cubicle</li> </ul>																																																											
105	Civil Engineering and Building Works	65	15-Dec-09	29-Mar-10	72																																																												
228	Order REC Supply	0	16-Mar-10		331																																																												
A2030	Deliver and Install Shelter	10	28-Apr-10	12-May-10	72																																																												
A5078	Access for visual inspection for E&M Tram Stop installation	0	13-Apr-10		328																																																												
A5079	Access for E&M Tram Stop installation (05A Murray)	0	13-May-10		74																																																												
A5080	Install LV Power Supply and LV Power Equipment	25	13-May-10	17-Jun-10	72																																																												
A5090	Install Telecom Equipment	20	18-Jun-10	15-Jul-10	82																																																												
A5100	Install Station Control Equipment + AFC Equipment	25	18-Jun-10	22-Jul-10	72																																																												
A5110	Package Test Tramstop	5	23-Jul-10	29-Jul-10	72																																																												
A6270	Installation of SIG-interlocking cubicle	15	27-May-10	16-Jun-10	99																																																												
A6280	Commissioning of SIG-interlocking cubicle	5	28-Oct-10	03-Nov-10	4																																																												
<b>Murrayfield Stadium (exc.) to Balgreen Road (inc.)</b>						13-Oct-10, Murrayfield Stadium																																																											
<b>Roseburn Street Viaduct (S21A)</b>						20-Apr-10, Roseburn Street Viaduct (S21A)																																																											
10750	Issue Construction Drawings	467	27-May-08	20-Apr-10	36	<ul style="list-style-type: none"> <li>Issue Construction Drawings</li> <li>Remove Scotrail Oil Tanks</li> <li>Bankseat at Grid line A</li> <li>Pier B</li> <li>Pier C</li> <li>Pier D</li> <li>Pier E</li> <li>Bankseat at Gridline F</li> <li>Structural steelwork</li> </ul>																																																											
10751	Remove Scotrail Oil Tanks	0	27-May-08	29-Aug-08	0																																																												
109	Bankseat at Grid line A	25	20-Jan-09	21-Apr-09	36																																																												
172	Pier B	45	20-Jan-09	20-May-09	36																																																												
207	Pier C	45	31-Mar-09	04-Jun-09	36																																																												
398	Pier D	45	15-Apr-09	18-Jun-09	36																																																												
408	Pier E	45	29-Apr-09	02-Jul-09	36																																																												
420	Bankseat at Gridline F	25	29-May-09	02-Jul-09	36																																																												
430	Structural steelwork	30	12-Jun-09	23-Jul-09	36																																																												

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						Qtr 4			Qtr 1			Qtr 2			Qtr 3			Qtr 4			Qtr 1			Qtr 2			Qtr 3			Qtr 4			Qtr 1			Qtr 2			Qtr 3			Qtr 4											
						O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S
<b>Excavation and Blinding</b>						▼ 21-Aug-08, Excavation and Blinding																																															
850	Excavation	2	19-Aug-08	21-Aug-08	53	Excavation																																															
860	Blinding	1	21-Aug-08	21-Aug-08	53	Blinding																																															
<b>Base Construction</b>						▼ 09-Sep-08, Base Construction																																															
331	Concrete	1	09-Sep-08	09-Sep-08	75	Concrete																																															
341	Steel fixing	5	01-Sep-08	05-Sep-08	47	▣ Steel fixing																																															
351	Shuttering	4	03-Sep-08	08-Sep-08	75	▣ Shuttering																																															
<b>Columns</b>						▼ 30-Oct-08, Columns																																															
242	Steel fixing	5	20-Oct-08	24-Oct-08	47	Steel fixing																																															
A123	Shuttering	4	27-Oct-08	30-Oct-08	47	Shuttering																																															
A133	Concrete	4	27-Oct-08	30-Oct-08	47	Concrete																																															
<b>Pier 5</b>						▼ 06-Nov-08, Pier 5																																															
<b>Excavation and Blinding</b>						▼ 08-Aug-08, Excavation and Blinding																																															
830	Excavation	2	06-Aug-08	07-Aug-08	67	Excavation																																															
840	Blinding	1	08-Aug-08	08-Aug-08	67	Blinding																																															
<b>Base Construction</b>						▼ 16-Sep-08, Base Construction																																															
271	Concrete	1	16-Sep-08	16-Sep-08	81	Concrete																																															
291	Steel fixing	5	08-Sep-08	12-Sep-08	47	▣ Steel fixing																																															
321	Shuttering	4	10-Sep-08	15-Sep-08	81	▣ Shuttering																																															
<b>Columns</b>						▼ 06-Nov-08, Columns																																															
262	Steel fixing	5	27-Oct-08	31-Oct-08	53	Steel fixing																																															
443	Shuttering	4	03-Nov-08	06-Nov-08	77	Shuttering																																															
453	Concrete	4	03-Nov-08	06-Nov-08	77	Concrete																																															
<b>Pier 6</b>						▼ 13-Nov-08, Pier 6																																															
<b>Excavation and Blinding</b>						▼ 13-Aug-08, Excavation and Blinding																																															
890	Excavation	2	11-Aug-08	12-Aug-08	69	Excavation																																															
900	Blinding	1	13-Aug-08	13-Aug-08	69	Blinding																																															
<b>Base Construction</b>						▼ 23-Sep-08, Base Construction																																															
361	Concrete	1	23-Sep-08	23-Sep-08	81	Concrete																																															
371	Steel fixing	5	15-Sep-08	19-Sep-08	47	▣ Steel fixing																																															
381	Shuttering	4	17-Sep-08	22-Sep-08	81	▣ Shuttering																																															
<b>Columns</b>						▼ 13-Nov-08, Columns																																															
252	Steel fixing	5	03-Nov-08	07-Nov-08	53	Steel fixing																																															
423	Shuttering	4	10-Nov-08	13-Nov-08	72	Shuttering																																															
433	Concrete	4	10-Nov-08	13-Nov-08	72	Concrete																																															
<b>Pier 7</b>						▼ 20-Nov-08, Pier 7																																															
<b>Excavation and Blinding</b>						▼ 18-Aug-08, Excavation and Blinding																																															
870	Excavation	2	14-Aug-08	15-Aug-08	71	Excavation																																															
880	Blinding	1	18-Aug-08	18-Aug-08	71	Blinding																																															
<b>Base Construction</b>						▼ 30-Sep-08, Base Construction																																															
391	Concrete	1	30-Sep-08	30-Sep-08	81	Concrete																																															
401	Steel fixing	5	22-Sep-08	26-Sep-08	47	▣ Steel fixing																																															
591	Shuttering	4	24-Sep-08	29-Sep-08	81	▣ Shuttering																																															
<b>Columns</b>						▼ 20-Nov-08, Columns																																															
272	Steel fixing	5	10-Nov-08	14-Nov-08	53	Steel fixing																																															
463	Shuttering	4	17-Nov-08	20-Nov-08	53	Shuttering																																															
473	Concrete	4	17-Nov-08	20-Nov-08	53	Concrete																																															
<b>Superstructure</b>						▼ 22-May-09, Superstructure																																															
<b>Span South Ramp to Pier 1</b>						▼ 24-Nov-08, Span South Ramp to Pier 1																																															
601	Fix Bearings	1	20-Oct-08	20-Oct-08	96	Fix Bearings																																															
611	Temporary Beam Supports	5	10-Oct-08	16-Oct-08	48	▣ Temporary Beam Supports																																															
621	Place Beams	1	17-Oct-08	17-Oct-08	48	Place Beams																																															

Date	Revision	Checked	Approved
29-Apr-08	Contract Programme 29 April 2008	SCS	













