

Bilfinger Berger – Siemens – CAF Consortium

10.3 Look Ahead Programme

Three Month Look Ahead Programme

May 2009 - August 2009

EDINBURGH TRAM NETWORK



Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	2009																	
						May			June				July			August				September			
						11	18	25	01	08	15	22	29	06	13	20	27	03	10	17	24	31	07
Edinburgh Tram - Construction Programme 01 Rev.D																							
Design Stage Consents																							
TIE Consents																							
Third Party Notice Periods																							
M & E																							
780	M & E Review of Detailed Design	30	25%	12-Dec-08 A	15-Jun-09	M & E Review of Detailed Design																	
790	M & E Design Freeze	0	0%		15-Jun-09	790 ◆ M & E Design Freeze																	
Railway Electrification																							
S-50240	Construction Design OCS	153	96%	16-Jun-08 A	15-May-09	Construction Design OCS																	
S-50210	Configuration OCS - Layout Design	138	98%	07-Jul-08 A	15-May-09	Configuration OCS - Layout Design																	
S-50500	Configuration OCS - sectionalizing diagrams	84	95%	07-Jul-08 A	15-May-09	Configuration OCS - sectionalizing diagrams																	
S-50340	Configuration TPS	85	79%	01-Aug-08 A	21-May-09	Configuration TPS																	
S-50220	Configuration OCS - pole foundation/ anchor/ supports	119	97%	01-Aug-08 A	15-May-09	Configuration OCS - pole foundation/ anchor/ supports																	
S-50270	Procurement OCS - Main Components	140	90%	01-Sep-08 A	22-May-09	Procurement OCS - Main Components																	
S-50310	Installation Preparation OCS	226	60%	01-Sep-08 A	28-Aug-09	Installation Prep																	
A17160	SDS Design OLE Foundations (no E&M item)	100	47%	08-Sep-08 A	10-Aug-09	SDS Design OLE Foundations (no E&M item)																	
S-50330	Basic Design & Studies TPS	70	59%	15-Sep-08 A	28-Aug-09	Basic Design & Studies TPS																	
A17100	Detail Design TPS	100	88%	29-Sep-08 A	21-May-09	Detail Design TPS																	
A17120	Detail Design OCS	100	98%	29-Sep-08 A	15-May-09	Detail Design OCS																	
A17130	Procurement	100	90%	20-Oct-08 A	22-May-09	Procurement																	
S-50230	Configuration OCS - cross profiles	119	95%	27-Oct-08 A	15-May-09	Configuration OCS - cross profiles																	
S-50360	Control & Protection Design TPS	35	95%	03-Nov-08 A	22-May-09	Control & Protection Design TPS																	
A17140	Manufacturing	98	0%	15-May-09	01-Oct-09	Manufacturing																	
S-50370	Manufacturing TPS - rect & aux transformer	131	0%	15-May-09*	17-Nov-09	Manufacturing TPS																	
S-50380	Manufacturing TPS - DC + MV switchgear	73	0%	15-May-09*	27-Aug-09	Manufacturing TP																	
S-50390	Manufacturing TPS - cables	131	0%	15-May-09*	17-Nov-09	Manufacturing TPS																	
S-50280	Manufacturing OCS	83	0%	15-May-09*	10-Sep-09	Manufacturing OCS																	
A17150	Dispatch	186	0%	06-Jul-09*	08-Apr-10	A17150																	
S-50410	ready for Dispatch TPS - DC + MV switchgear	0	0%	28-Aug-09		S-50410 ◆ ready for Dispatch																	
S-50440	Delivery TPS - DC + MV switchgear	57	0%	28-Aug-09	16-Nov-09	S-50440																	
Track Work																							
S-51010	Verification sds design	20	80%	19-May-08 A	18-May-09	Verification sds design																	
S-51170	typical drawings	70	50%	20-Oct-08 A	30-Jun-09	typical drawings																	
S-51130	detailed Design	250	70%	20-Oct-08 A	27-Oct-09	Detailed Design																	
S-51100	Documentation	20	100%	24-Oct-08 A	13-May-09 A	Documentation																	
Rail Automation																							

Date	Revision	Chec...	Approved
15-May-09	Construction Programme Updated V44 & Progress	JAC	

■ Actual Work ◆ Milestone
■ Normal ■ % Complete

CEC00624376_0076

Three Month Look Ahead Programme

May 2009 - August 2009

EDINBURGH TRAM NETWORK



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						May			June				July				August				September								
						11	18	25	01	08	15	22	29	06	13	20	27	03	10	17	24	31	07						
S-54440	procurement & transport TPDS	120	50%	11-Sep-08 A	21-Oct-09	[Gantt bar]																							
S-54400	procurement & transport E&M cubicles	210	50%	03-Nov-08 A	05-Nov-09	[Gantt bar]																							
S-54420	procurement & transport fibre optic	120	50%	03-Nov-08 A	23-Oct-09	[Gantt bar]																							
S-54430	procurement & transport PABX	120	45%	10-Nov-08 A	03-Nov-09	[Gantt bar]																							
S-54450	procurement & transport UPS	120	65%	10-Nov-08 A	13-Aug-09	[Gantt bar] procurement & transport UPS																							
S-54410	procurement & transport radio system	218	50%	24-Nov-08 A	10-Nov-09	[Gantt bar]																							
Workshop Equipment		381		19-Sep-08 A	05-Apr-10																								
S-53000	detail design DWE	70	90%	19-Sep-08 A	12-Jun-09	[Gantt bar] detail design DWE																							
S-53310	ordering DWE	170	25%	20-Oct-08 A	29-Jul-09	[Gantt bar] ordering DWE																							
S-53010	Approval detail design DWE	129	25%	24-Oct-08 A	07-Aug-09	[Gantt bar] Approval detail design DWE																							
S-53220	manufacture DWE	242	10%	09-Mar-09 A	05-Apr-10	[Gantt bar]																							
SECTION 01 NEWHAVEN ROAD TO HAYMARKET		1072		28-Sep-07 A	09-Feb-12																								
1	SECTION 01 NEWHAVEN ROAD TO HAYMARKET	1597	37.32%	28-Sep-07 A	09-Feb-12	[Gantt bar]																							
01A Newhaven Road (inc.) to Foot of the Walk (exc.)		1056		28-Sep-07 A	19-Jan-12																								
3	01A Newhaven Road (inc.) to Foot of the Walk (exc.)	1575	37.84%	28-Sep-07 A	19-Jan-12	[Gantt bar]																							
Design Stage Consents		100		28-Sep-07 A	15-May-09																								
A17260	Forth Ports Agreement	100	99%	28-Sep-07 A	15-May-09	[Gantt bar] Forth Ports Agreement																							
MUDFA & Utilities Completion Dates		0		15-May-09	15-May-09																								
180	MUDFA & Utilities - Area 1 completion	0	0%	15-May-09*		[Gantt bar] 180 MUDFA & Utilities - Area 1 completion																							
290-20	MUDFA & Utilities - Duke Street Junction	0	0%	15-May-09*		[Gantt bar] 290-20 MUDFA & Utilities - Duke Street Junction																							
320-21/22	MUDFA & Utilities - Duke Street Junction to Tower Street	0	0%	15-May-09*		[Gantt bar] 320-21/22 MUDFA & Utilities - Duke Street Junction to Tower Street																							
330-23	MUDFA & Utilities - Rennies Isle Bridge to Tower Place Roundabout	0	0%	15-May-09*		[Gantt bar] 330-23 MUDFA & Utilities - Rennies Isle Bridge to Tower Place Roundabout																							
340-23	MUDFA & Utilities - Ocean Terminal to Rennies Isle Bridge	0	0%	15-May-09*		[Gantt bar] 340-23 MUDFA & Utilities - Ocean Terminal to Rennies Isle Bridge																							
350-24	MUDFA & Utilities - Newhaven Roundabout to Ocean Terminal	0	0%	15-May-09*		[Gantt bar] 350-24 MUDFA & Utilities - Newhaven Roundabout to Ocean Terminal																							
360-20	Manderson Street Switch	0	0%	15-May-09*		[Gantt bar] 360-20 Manderson Street Switch																							
Newhaven Road (inc.) to Ocean Terminal (exc.)		737		08-Oct-08 A	29-Sep-11																								
4	Newhaven Road (inc.) to Ocean Terminal (exc.)	1093	22.05%	08-Oct-08 A	29-Sep-11	[Gantt bar]																							
Design		10		12-May-09 A	29-May-09																								
B01000	Scottish Water - Outfall Consent	0	100%		12-May-09 A	[Gantt bar] B01000 Scottish Water - Outfall Consent																							
11970	Issue Construction Drawings - Roadwork	0	0%		29-May-09*	[Gantt bar] 11970 Issue Construction Drawings - Roadwork																							
11980	Issue Construction Drawings - Trackwork	0	0%		29-May-09*	[Gantt bar] 11980 Issue Construction Drawings - Trackwork																							
B01100	Lindsay Rd RW1 Ch.100-170 - Change - CEC comment	0	0%		29-May-09	[Gantt bar] B01100 Lindsay Rd RW1 Ch.100-170 - Change - CEC comment																							
Lindsay Road Retaining Walls (W1)		105		29-Jun-09	23-Nov-09																								
WBSSum001	Lindsay Road Retaining Walls (W1) (WBS Summary)	148	0%	29-Jun-09	23-Nov-09	[Gantt bar] WBSSum001																							
Wall A Construction		50		06-Jul-09	14-Sep-09																								
12330	Permanent Diversion of Services (by Others)	50	0%	06-Jul-09*	14-Sep-09	[Gantt bar] 12330																							

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15-May-09	Construction Programme Updated V44 & Progress	JAC	

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CEC00624376_0077

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May 2009 - August 2009

EDINBURGH TRAM NETWORK



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						May			June				July				August				September								
						11	18	25	01	08	15	22	29	06	13	20	27	03	10	17	24	31	07						
Wall B Construction																													
5	Wall B	100	0%	29-Jun-09	16-Nov-09	5																							
Roadwork																													
A1110	CH 0700 to 0850	203	0%	29-Jun-09	26-Apr-10	A1110																							
Ocean Terminal (inc.) to Port of Leith (exc.)																													
9	Ocean Terminal (inc.) to Ocean Drive (exc.)	1097	15.51%	11-Nov-08 A	14-Dec-11																								
Design																													
B01010	Scottish Water - Outfall Consent	0	0%	04-Jun-09	04-Jun-09*	B01010 ◆ Scottish Water - Outfall Consent																							
Tower Place Bridge (S17)																													
A20040	Agreement of Change	13	0%	03-Jun-09	19-Jun-09*	A20040 Agreement of Change																							
Services																													
A16050	Temporary Diversion of Services (by others)	22	0%	01-Jun-09	30-Jun-09	A16050 Temporary Diversion of Services (by others)																							
S17 Works																													
A16060	Temporary Platforms and Demolition	60	0%	01-Jul-09*	23-Sep-09	A16060																							
WBSSum003	Tower Place Bridge (S17) (WBS Summary)	451	0%	01-Jul-09	24-Sep-10	WBSSum003																							
Port of Leith (inc.) to Bernard Street (exc.)																													
15	Ocean Drive (inc.) to Constitution Street (exc.)	725	0%	03-Feb-09 A	10-May-11																								
Design																													
B01020	Scottish Water - Outfall Consent	0	0%	15-May-09	15-May-09*	B01020 ◆ Scottish Water - Outfall Consent																							
Bernard Street (inc.) to Foot of the Walk (exc.)																													
18	Constitution Street (inc.) to Foot of the Walk (exc.)	979	54.24%	03-Feb-09 A	19-Jan-12																								
01B Foot of the Walk (inc.) to McDonald Road (exc.)																													
21	01B Foot of the Walk (inc.) to McDonald Road (exc.)	1176	25.52%	01-Oct-08 A	07-Oct-11																								
A20050	Agreement of Change (Trackform)	46	0%	15-May-09	20-Jul-09*	A20050 Agreement of Change (Trackform)																							
MUDFA & Utilities Completion Dates																													
430-20	MUDFA & Utilities - Balfour Street to Foot of the Walk	0	0%		31-Jul-09*	430-20 ◆ MUDFA & Utilities - Balfour Street to Foot of the Walk																							
380-	MUDFA & Utilities - BT works Bottom Section Leith Walk	0	0%	04-Aug-09*		380- ◆ MUDFA & Utilities - BT works Bottom Section Leith Walk																							
420-19	MUDFA & Utilities - McDonald Road to Balfour Street	0	0%	04-Aug-09*		420-19 ◆ MUDFA & Utilities - McDonald Road to Balfour Street																							
Foot of the walk (inc.) to Balfour Street (exc.)																													
22	Foot of the walk (inc.) to Balfour Street (exc.)	1060	21.51%	01-Oct-08 A	25-Aug-11																								
Design																													
B01270	Works in Leith Walk suspended until access issues resolved	121	38.02%	10-Mar-09 A	31-Aug-09	B01270 Works in Leith Walk suspended until access issues resolved																							
Roadwork																													
Leith Walk Ch.100-350																													
Northbound																													
A12390	Construct Kerb lines	12	95%	30-Oct-08 A	01-Sep-09	A12390 Construct Kerb lines																							

Date	Revision	Chec...	Approved
15-May-09	Construction Programme Updated V44 & Progress	JAC	

█ Actual Work ◆ Milestone
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CEC00624376_0078

Three Month Look Ahead Programme

May 2009 - August 2009

EDINBURGH TRAM NETWORK



Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	2009																	
						May			June				July				August				September		
						11	18	25	01	08	15	22	29	06	13	20	27	03	10	17	24	31	07
B25030	Footpath Works	12	95%	17-Nov-08 A	02-Sep-09	[Gantt bar for Footpath Works]																	
A12400	Reset Gullies & Inspection Chambers	5	100%	17-Nov-08 A	01-Sep-09	[Gantt bar for Reset Gullies & Inspection Chambers]																	
A12420	Surface New Carriageway	5	15%	01-Dec-08 A	07-Sep-09	[Gantt bar for Surface New Carriageway]																	
B25410	Re-commence Works	0	0%	18-Aug-09		[Gantt bar for Re-commence Works]																	
Balfour Street (inc.) to McDonald Road (exc.)		785		06-Feb-09 A	23-Sep-11	[Summary bar for Balfour Street section]																	
25	Balfour Street (inc.) to McDonald Road (exc.)	1162	46.7%	06-Feb-09 A	23-Sep-11	[Gantt bar for Balfour Street section]																	
01C McDonald Road (inc.) to Princess Street West (exc.)		843		06-Feb-09 A	09-Feb-12	[Summary bar for McDonald Road section]																	
29	01C McDonald Road (inc.) to Princess Street West (exc.)	1256	20.31%	06-Feb-09 A	09-Feb-12	[Gantt bar for McDonald Road section]																	
A20080	Agreement of Change (Trackform)	65	0%	15-May-09	17-Aug-09*	[Gantt bar for Agreement of Change (Trackform)]																	
MUDFA & Utilities Completion Dates		0		15-May-09	15-May-09	[Summary bar for MUDFA & Utilities]																	
200	MUDFA & Utilities - Sub-Section 1C	0	0%	15-May-09*		[Gantt bar for MUDFA & Utilities - Sub-Section 1C]																	
370-17	MUDFA & Utilities - Picardy Place	0	0%	15-May-09*		[Gantt bar for MUDFA & Utilities - Picardy Place]																	
520	MUDFA & Utilities - BT Works Top Section of Leith Walk	0	0%	15-May-09*		[Gantt bar for MUDFA & Utilities - BT Works Top Section of Leith Walk]																	
410-17	MUDFA & Utilities - BT Works Broughton Street to York Lane	0	0%	15-May-09*		[Gantt bar for MUDFA & Utilities - BT Works Broughton Street to York Lane]																	
440-18	MUDFA & Utilities - McDonald Road to Union Place	0	0%	15-May-09*		[Gantt bar for MUDFA & Utilities - McDonald Road to Union Place]																	
450-17/18	MUDFA & Utilities - Union Place to Picardy Place	0	0%	15-May-09*		[Gantt bar for MUDFA & Utilities - Union Place to Picardy Place]																	
460-17	MUDFA & Utilities - York Place to Picardy Place	0	0%	15-May-09*		[Gantt bar for MUDFA & Utilities - York Place to Picardy Place]																	
470-15	MUDFA & Utilities - The Mound	0	0%	15-May-09*	15-May-09	[Gantt bar for MUDFA & Utilities - The Mound]																	
480-16/17	MUDFA & Utilities - South St Andrews Street to York Place	0	0%	15-May-09*	15-May-09	[Gantt bar for MUDFA & Utilities - South St Andrews Street to York Place]																	
-16	MUDFA & Utilities - BT Works St Andrews Square	0	0%	15-May-09*		[Gantt bar for MUDFA & Utilities - BT Works St Andrews Square]																	
500-15	MUDFA & Utilities - The Mound to The Mound	0	0%	15-May-09*		[Gantt bar for MUDFA & Utilities - The Mound to The Mound]																	
510-15	MUDFA & Utilities - The Mound to Castle Street	0	0%	15-May-09*		[Gantt bar for MUDFA & Utilities - The Mound to Castle Street]																	
520-15/16	MUDFA & Utilities - The Mound to South St Andrews Street	0	0%	15-May-09*	15-May-09	[Gantt bar for MUDFA & Utilities - The Mound to South St Andrews Street]																	
530-16	MUDFA & Utilities - St Andrews Square (BT)	0	0%	15-May-09*		[Gantt bar for MUDFA & Utilities - St Andrews Square (BT)]																	
540-16/17	MUDFA & Utilities - York Place to Princes Street	0	0%	15-May-09*		[Gantt bar for MUDFA & Utilities - York Place to Princes Street]																	
670	MUDFA & Utilities - BT Works	0	0%	15-May-09*		[Gantt bar for MUDFA & Utilities - BT Works]																	
McDonald Road (inc.) to Picardy Place (exc.)		741		06-Feb-09 A	05-Sep-11	[Summary bar for McDonald Road section]																	
30	McDonald Road (inc.) to Picardy Place (exc.)	1099	24.76%	06-Feb-09 A	05-Sep-11	[Gantt bar for McDonald Road section]																	
Design		0		01-Jun-09	01-Jun-09	[Summary bar for Design]																	
12190	Issue Construction Drawings - Trackwork	0	0%		01-Jun-09*	[Gantt bar for Issue Construction Drawings - Trackwork]																	
12200	Issue Construction Drawings - Roadwork	0	0%		01-Jun-09*	[Gantt bar for Issue Construction Drawings - Roadwork]																	
Picardy Place (inc.) to St. Andrews Square (exc.)		739		06-Feb-09 A	09-Feb-12	[Summary bar for Picardy Place section]																	
33	Picardy Place (inc.) to St. Andrews Square (exc.)	1098	9.11%	06-Feb-09 A	09-Feb-12	[Gantt bar for Picardy Place section]																	
Design		0		18-May-09	18-May-09	[Summary bar for Design]																	
12220	Issue Construction Drawings - Picardy Place Tramstop	0	0%		18-May-09*	[Gantt bar for Issue Construction Drawings - Picardy Place Tramstop]																	
St. Andrews Square (inc.) to Princes Street West (exc.)		739		06-Feb-09 A	09-Feb-12	[Summary bar for St. Andrews Square section]																	

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CEC00624376_0079

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May 2009 - August 2009

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						May			June				July				August				September								
						11	18	25	01	08	15	22	29	06	13	20	27	03	10	17	24	31	07						
46	St. Andrews Square (inc.) to Princess Street West (exc.)	1098	8.84%	06-Feb-09 A	09-Feb-12																								
Princes Street West Tram Stop		89		15-May-09	18-Sep-09																								
630	Civil Engineering And Building Works	65	0%	15-May-09	18-Sep-09																								
01D Princes Street (inc.) to Haymarket (exc.)		643		24-Nov-08 A	15-Jul-11																								
39	01D Princess Street (inc.) to Haymarket (exc.)	960	17.5%	24-Nov-08 A	15-Jul-11																								
A20070	Agreement of Change (Haymarket)	30	0%	15-May-09 A	26-Jun-09*	0070 Agreement of Change (Haymarket)																							
MUDFA & Utilities Completion Dates)		51		15-May-09	28-Jul-09																								
650	MUDFA & Utilities - Castle Street East to Castle Street West	0	0%	15-May-09*		650 MUDFA & Utilities - Castle Street East to Castle Street West																							
580-15	MUDFA & Utilities - BT Works Lothian Road Junction	0	0%	15-May-09*		0-15 MUDFA & Utilities - BT Works Lothian Road Junction																							
B01171	Haymarket / Manor Place - Anticipated MUDFA Completion	0	0%	27-Jul-09*		B01171 MUDFA & Utilities - Haymarket / Manor Place - Anticipated MUDFA Completion																							
210	MUDFA & Utilities - Sub-Section 1D	0	0%	28-Jul-09*		210 MUDFA & Utilities - Sub-Section 1D																							
560-14	MUDFA & Utilities - Manor Place Junction to Shandwick Place East	0	0%	28-Jul-09*		560-14 MUDFA & Utilities - Manor Place Junction to Shandwick Place East																							
570-14	MUDFA & Utilities - Haymarket Street to Manor Place Junction	0	0%	28-Jul-09*		570-14 MUDFA & Utilities - Haymarket Street to Manor Place Junction																							
590-14	MUDFA & Utilities - BT Works Shandwick Place to Palmerston Place	0	0%	28-Jul-09*		590-14 MUDFA & Utilities - BT Works Shandwick Place to Palmerston Place																							
600-14	MUDFA & Utilities - Palmerston Street to Haymarket	0	0%	28-Jul-09*		600-14 MUDFA & Utilities - Palmerston Street to Haymarket																							
610-14	MUDFA & Utilities - Manor Place Junction to Shandwick Place East	0	0%	28-Jul-09*		610-14 MUDFA & Utilities - Manor Place Junction to Shandwick Place East																							
620-14	MUDFA & Utilities - Haymarket Station to Manor Place Junction	0	0%	28-Jul-09*		620-14 MUDFA & Utilities - Haymarket Station to Manor Place Junction																							
Princes Street West (inc.) to Shandwick Place (exc.)		490		24-Nov-08 A	26-Nov-10																								
40	Princess Street West (inc.) to Shadwick Place (exc.)	725	22.62%	24-Nov-08 A	26-Nov-10																								
Roadwork		392		23-Mar-09 A	13-Jan-10																								
Princes Street Ch 380-0,1980-1360		392		23-Mar-09 A	13-Jan-10																								
West Section Eastbound Side		129		23-Mar-09 A	22-Oct-09																								
A13850	Trackworks (576+432)	105	23%	23-Mar-09 A	22-Oct-09																								
East Section Eastbound Side		206		21-Apr-09 A	08-Jan-10																								
A20220	Trackworks (324+324)	180	9%	21-Apr-09 A	08-Jan-10																								
West Section Westbound Side		185		23-Mar-09 A	13-Jan-10																								
A20250	Trackworks (144)	147	17%	23-Mar-09 A	13-Jan-10																								
Lothian Road Junction Ch 380-280		108		28-Jul-09	11-Jan-10																								
Eastbound Side Ch.380-280		108		28-Jul-09	11-Jan-10																								
A8250	Establish Traffic Management & Temp. Fencing	3	0%	28-Jul-09*	30-Jul-09	A8250 Establish Traffic Management & Temp. Fencing																							
A20320	Trackworks (108)	67	0%	31-Jul-09*	11-Jan-10	A20320																							
Trackwork (710m)		174		17-Apr-09 A	10-Nov-09																								
Princes Street Ch 280-0,1980-1360		174		17-Apr-09 A	10-Nov-09																								
Phase 1		174		17-Apr-09 A	10-Nov-09																								
A13780	Excavate, lay and concrete ducts	23	75%	17-Apr-09 A	04-Jun-09	A13780 Excavate, lay and concrete ducts																							
A13790	Excavate and construct OLE bases	54	0%	15-May-09	30-Jul-09	A13790 Excavate and construct OLE bases																							

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						May			June			July			August			September					
						11	18	25	01	08	15	22	29	06	13	20	27	03	10	17	24	31	
1D-16-TRCK-69	Set Track Demob 5B / Remob 1C	3	0%	04-Jun-09	09-Jun-09	1D-16-TRCK-69 Set Track Demob 5B / Remob 1C																	
1D-16-TRCK-70	Set Track (950m)	60	0%	09-Jun-09	06-Oct-09	1D-16-TRCK-70																	
A13820	Place Upper Concrete and Cure	64	0%	12-Jun-09	15-Oct-09	A13820																	
A13830	Street Surface finishes	48	0%	31-Jul-09	10-Nov-09	A13830																	
Shadwick Place (inc.) to Haymarket (exc.)		643		02-Dec-08 A	15-Jul-11																		
43	Shadwick Place (inc.) to Haymarket (exc.)	960	25.21%	02-Dec-08 A	15-Jul-11																		
Roadwork		30		28-Jul-09	08-Sep-09																		
Haymarket Ch 1250-1125		30		28-Jul-09	08-Sep-09																		
Phase 1		30		28-Jul-09	08-Sep-09																		
A6390	Establish Traffic Management & Temp. Fencing	2	0%	28-Jul-09*	29-Jul-09	A6390 Establish Traffic Management & Temp. Fencing																	
A6400	Remove island surfacing and exc. to formation	4	0%	30-Jul-09	08-Sep-09	A6400																	
SECTION 2 HAYMARKET CORRIDOR		697		31-Mar-08 A	01-Feb-11																		
56	SECTION 2 HAYMARKET CORRIDOR	1036	39.49%	31-Mar-08 A	01-Feb-11																		
02A Haymarket Corridor		697		31-Mar-08 A	01-Feb-11																		
48	02A Haymarket Corridor	1036	39.49%	31-Mar-08 A	01-Feb-11																		
MUDFA & Utilities Completion Dates		0		15-May-09	15-May-09																		
190	MUDFA & Utilities - Area 2 completion	0	0%	15-May-09*		190 MUDFA & Utilities - Area 2 completion																	
630-13	MUDFA & Utilities - Haymarket Yard Entrance	0	0%	15-May-09*		0-13 MUDFA & Utilities - Haymarket Yard Entrance																	
640-13	MUDFA & Utilities - Haymarket Yard Entrance to Haymarket Yard Lower	0	0%	15-May-09*	15-May-09	0-13 MUDFA & Utilities - Haymarket Yard Entrance to Haymarket Yard Lower																	
650-12	MUDFA & Utilities - Roseburn Street to Russel Road	0	0%	15-May-09*		0-12 MUDFA & Utilities - Roseburn Street to Russel Road																	
Haymarket (inc.) to Roseburn Junction (inc.)		697		31-Mar-08 A	01-Feb-11																		
49	Haymarket (inc.) to Roseburn Junction (inc.)	1036	39.49%	31-Mar-08 A	01-Feb-11																		
Design		0		15-May-09	15-May-09																		
B01060	Scottish Water - Outfall Consent	0	0%	15-May-09*	15-May-09*	1060 Scottish Water - Outfall Consent																	
Roadwork		30		23-Feb-09 A	24-Apr-09 A																		
B25292	Verity House Access Road	30	100%	23-Feb-09 A	24-Apr-09 A	Verity House Access Road																	
Haymarket Station Viaduct (S19)		478		31-Mar-08 A	09-Mar-10																		
WBSSUM004	Haymarket Station Viaduct (S19) (WBS Summary)	506	62.85%	31-Mar-08 A	09-Mar-10																		
S19 Substructure		62		01-Sep-08 A	21-Sep-09																		
1139	East Abutment	40	30%	01-Sep-08 A	21-Sep-09																		
508	Pier 4	30	75%	11-Nov-08 A	12-Aug-09	Pier 4																	
560	West Abutment	40	0%	19-Jun-09	14-Aug-09	560 West Abutment																	
192	Pier 1	30	0%	19-Jun-09*	30-Jul-09	192 Pier 1																	
Trackwork (1135m)		49		17-Jul-09	24-Sep-09																		
B25280	Site Clearance	8	0%	17-Jul-09*	28-Jul-09	B25280 Site Clearance																	
1099	Bulk Excavation - Sub Base	18	0%	29-Jul-09	24-Aug-09	1099 Bulk Excavation - Sub																	

Date	Revision	Chec...	Approved
15-May-09	Construction Programme Updated V44 & Progress	JAC	

█ Actual Work ◆ Milestone
█ Normal █ % Complete

CEC00624376_0081

Three Month Look Ahead Programme

May 2009 - August 2009

EDINBURGH TRAM NETWORK



Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	2009																							
						May			June				July				August				September								
						11	18	25	01	08	15	22	29	06	13	20	27	03	10	17	24	31	07						
1109	OLE Foundations - Drainage	23	0%	25-Aug-09	24-Sep-09																			1109					
SECTION 05 ROSEBURN JUNCTION TO GOGAR		885		31-Oct-07 A	25-Oct-11																								
99	SECTION 05 ROSEBURN JUNCTION TO GOGAR	1306	31.56%	31-Oct-07 A	25-Oct-11																								
05A Roseburn Junction (exc.) to Balgreen Road (inc.)		799		07-Aug-08 A	19-Oct-11																								
126	05A Roseburn Junction (exc.) to Balgreen Road (inc.)	1182	24.88%	07-Aug-08 A	19-Oct-11																								
MUDFA & Utilities Completion Dates		0		15-May-09	15-May-09																								
220	MUDFA & Utilities - Area 5	0	0%	15-May-09*		220																							
330	MUDFA & Utilities - Area 5	0	0%	15-May-09*		330																							
Roseburn Junction (exc.) to Murrayfield Stadium (inc.)		791		07-Aug-08 A	19-Oct-11																								
102	Roseburn Junction (exc.) to Murrayfield (inc.)	1169	24.04%	07-Aug-08 A	19-Oct-11																								
Design		118		16-Feb-09 A	11-Aug-09																								
B11000	Murrayfield Accommodation Works Design	70	18%	16-Feb-09 A	20-Jul-09																			Murrayfield Accommodation Works Design					
B01300	Design for Soil Nailing	10	70%	08-Apr-09 A	19-May-09																			Design for Soil Nailing					
B20270	W3 Re-design - proximity of existing sewer	0	0%	15-May-09*		B270																		W3 Re-design - proximity of existing sewer					
10180	Issue Construction Drawings - Trackwork	0	0%		15-May-09*	10180																		Issue Construction Drawings - Trackwork					
B01070	Scottish Water - Outfall Consent	0	0%		15-May-09*	1070																		Scottish Water - Outfall Consent					
10460	Issue Construction Drawings - Murrayfield Stadium Tramstop	0	0%		11-Aug-09*																			10460 Issue Construction Drawings - Murrayfield S					
Russel Road Underbridge (S20)		255		15-May-09 A	27-May-10																								
WBSSum005	Russell Road Underbridge (S20) (WBS Summary)	378	0%	15-May-09 A	27-May-10	005																							
S20 Documentation		35		15-Jun-09	31-Jul-09																								
B20210	WPP and Form C to Client and NR	0	0%	15-Jun-09																				B20210 WPP and Form C to Client and NR					
B20220	NR Form C Approval	35	0%	15-Jun-09*	31-Jul-09																			B20220 NR Form C Approval					
B20230	Clearance to Commence Works adjacent to railway	0	0%		31-Jul-09																			B20230 Clearance to Commence Works adjacent to railway					
S20 Establishment / Demolition / Site Clearance		60		15-May-09 A	10-Aug-09																								
A20100	Agreement of Change (RR Walls)	40	0%	15-May-09 A	10-Jul-09*	0100																		Agreement of Change (RR Walls)					
B20260	Traffic Management	5	0%	04-Aug-09	10-Aug-09																			B20260 Traffic Management					
S20 Substructure		120		01-Jun-09	16-Nov-09																								
A20090	Trial Soil Nailing	10	0%	01-Jun-09*	12-Jun-09																			A20090 Trial Soil Nailing					
B20250	Temporary Works	14	0%	05-Aug-09	24-Aug-09																			B20250 Temporary Works					
103	Excavation and piling	60	0%	25-Aug-09	16-Nov-09																			103					
Russell Road Retaining Walls (W3 and W4)		317		17-Nov-08 A	09-Mar-10																								
WBSSum006	Russell Road Retaining Walls (W3 & W4)	478	37.46%	17-Nov-08 A	09-Mar-10																								
A20110	Agreement of Change	30	40%	17-Apr-09 A	26-Jun-09*																			Agreement of Change					
Demolition / Site Clearance		20		08-Jun-09	03-Jul-09																								
250	Demolish Existing Buildings	20	0%	08-Jun-09	03-Jul-09																			250 Demolish Existing Buildings					
Wall 3 Construction		10		17-Nov-08 A	03-Jul-09																								

Date	Revision	Chec...	Approved
15-May-09	Construction Programme Updated V44 & Progress	JAC	

█ Actual Work ◆ Milestone
█ Normal █ % Complete

CEC00624376_0082

Three Month Look Ahead Programme

May 2009 - August 2009

EDINBURGH TRAM NETWORK



Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	2009																												
						May			June				July				August				September													
						11	18	25	01	08	15	22	29	06	13	20	27	03	10	17	24	31	07											
12930	Issue Construction Drawings - Trackwork	0	0%	15-May-09*	15-May-09*	2930	▶ Issue Construction Drawings - Trackwork																											
B01210	Scottish Water - Outfall Consent	0	0%	15-May-09*	15-May-09*	1210	▶ Scottish Water - Outfall Consent																											
Edinburgh Park Station Bridge (S27)		504		31-Oct-07 A	15-Apr-10																													
WBSSum018	Edinburgh Park Station Bridge (S27) (WBS Summary)	747	55.14%	31-Oct-07 A	15-Apr-10																													
S27 Planned Rail Possessions		18		15-May-09	11-Jun-09																													
B20090	(All Suns 00:30 - 08:30)	1	0%	15-May-09	15-May-09	0090	▮ (All Suns 00:30 - 08:30)																											
B20080	Wed 10 Jun - Thurs 11 Jun	1	0%	10-Jun-09*	11-Jun-09		▮ B20080 ▮ Wed 10 Jun - Thurs 11 Jun																											
S27 Superstructure		151		08-Apr-09 A	14-Dec-09																													
B20110	Superstructure	151	15%	08-Apr-09 A	14-Dec-09																													
S27 Finishes		332		03-Nov-08 A	29-Jul-09																													
13440	North Approach Ramp	53	10%	03-Nov-08 A	29-Jul-09		▮ North Approach Ramp																											
13450	South Approach Ramp	53	0%	15-May-09	29-Jul-09	3450	▮ South Approach Ramp																											
Trackwork (854m)		550		15-Sep-08 A	09-Sep-10																													
203	Earthworks- Subbase	11	5%	15-Sep-08 A	27-Jul-09		▮ Earthworks- Subbase																											
869	Fencing	10	45%	01-May-09 A	09-Sep-10																													
490	OLE Foundations - Drainage	19	0%	27-Jul-09	24-Aug-09		▮ 490 ▮ OLE Foundations - Dra																											
829	Track Formation - Ducts	16	0%	24-Aug-09	15-Sep-09		▮ 829 ▮																											
05C Edinburgh Park Central (exc.) to Gogarburn (inc.)		800		10-Sep-08 A	25-Oct-11																													
137	05C Edinburgh Park (exc.) to Gogarburn (inc.)	1183	24.44%	10-Sep-08 A	25-Oct-11																													
690-2/3/6	MUDFA & Utilities - Gogarburn TS to Edinburgh Park TS BT Works	0	0%	15-May-09*	15-May-09*	2/3/6	▶ MUDFA & Utilities - Gogarburn TS to Edinburgh Park TS BT Works																											
MUDFA & Utilities Completion Dates		0		15-May-09	15-May-09																													
240	MUDFA & Utilities - Sub-Section 5C	0	0%	15-May-09*	15-May-09*	240	▶ MUDFA & Utilities - Sub-Section 5C																											
700-2/3/6	MUDFA & Utilities - Gogarburn TS to Edinburgh Park TS Sewer	0	0%	15-May-09*	15-May-09*	2/3/6	▶ MUDFA & Utilities - Gogarburn TS to Edinburgh Park TS Sewer																											
710-3	MUDFA & Utilities - Gogarburn A8 Roundabout to Edinburgh Park TS	0	0%	15-May-09*	15-May-09*	10-3	▶ MUDFA & Utilities - Gogarburn A8 Roundabout to Edinburgh Park TS																											
720-2/3	MUDFA & Utilities - Gogarburn TS to Gogarburn A8 Roundabout	0	0%	15-May-09*	15-May-09*	0-2/3	▶ MUDFA & Utilities - Gogarburn TS to Gogarburn A8 Roundabout																											
Edinburgh Park Central (exc.) to Gyle Centre (inc.)		532		10-Sep-08 A	08-Nov-10																													
138	Edinburgh Park (exc.) to Gyle (inc.)	787	31.14%	10-Sep-08 A	08-Nov-10																													
Design		0		15-May-09	15-May-09																													
12970	Issue Construction Drawings - W16	0	0%	15-May-09*	15-May-09*	2970	▶ Issue Construction Drawings - W16																											
B01220	Scottish Water - Outfall Consent	0	0%	15-May-09*	15-May-09*	1220	▶ Scottish Water - Outfall Consent																											
Gyle Centre Tram Stop Retaining Wall (W19)		50		15-May-09	24-Jul-09																													
WBSSum019	Gyle Centre Tramstop Retaining Wall (W19) (WBS Summary)	71	0%	15-May-09	24-Jul-09	019	▮ Gyle Centre Tramstop Retaining Wall (W19) (WBS Summary)																											
A20400	Agreement of Change	20	0%	15-May-09	12-Jun-09*	0400	▮ Agreement of Change																											
Wall 19 Construction		20		29-Jun-09	24-Jul-09																													
139	Wall Construction	20	0%	29-Jun-09	24-Jul-09		▮ 139 ▮ Wall Construction																											
Trackwork (760m)		50		27-Jul-09	05-Oct-09																													

Date	Revision	Chec...	Approved
15-May-09	Construction Programme Updated V44 & Progress	JAC	

▮ Actual Work ◆ Milestone
▮ Normal ▬ % Complete

CEC00624376_0086

Three Month Look Ahead Programme

May 2009 - August 2009

EDINBURGH TRAM NETWORK



Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	2009																											
						May			June				July				August				September												
						11	18	25	01	08	15	22	29	06	13	20	27	03	10	17	24	31	07										
B01090	Scottish Water - Outfall Consent	0	0%	15-May-09*	1090	Scottish Water - Outfall Consent																											
B01091	Issue Construction Drawings - Roadworks	0	0%	15-May-09*	1091	Issue Construction Drawings - Roadworks																											
13140	Issue Construction Drawings - Drainage	0	0%	01-Jun-09*		13140 Issue Construction Drawings - Drainage																											
Establishment / Earthworks / Drainage		560		09-Feb-09 A	03-Nov-09																												
B25505	Site Possession (40%)	20	100%	09-Feb-09 A	01-May-09 A	Site Possession (40%)																											
B25515	Excavate to Tip 61,000cu.m	73	100%	07-Apr-09 A	15-May-09 A	Excavate to Tip 61,000cu.m																											
1149	Earthworks 80,000cu.m	95	7%	13-May-09 A	05-Oct-09	1149																											
1289	Drainage and Outfall	90	0%	29-Jun-09	03-Nov-09	1289																											
Access Roads		45		24-Jul-09	25-Sep-09																												
1179	North Side	45	0%	24-Jul-09	25-Sep-09	1179																											
Depot Building		92		29-Jun-09	04-Nov-09																												
A17170	Foundations	55	0%	20-Aug-09	04-Nov-09	A17170																											
Procurement		64		29-Jun-09	28-Sep-09																												
1159	Steel Work Fabrication	64	0%	29-Jun-09	28-Sep-09	1159																											
Depot Substation		140		10-Jul-09	08-Feb-10																												
316	Civil Engineering and Building Works	140	0%	10-Jul-09	08-Feb-10	316																											
SECTION 07 GOGAR TO EDINBURGH AIRPORT		808		05-Aug-08 A	05-Sep-11																												
155	SECTION 07 GOGAR TO EDINBURGH AIRPORT	1195	29.46%	05-Aug-08 A	05-Sep-11	155																											
07A Gogarburn (exc.) to Edinburgh Airport (inc.)		808		05-Aug-08 A	05-Sep-11																												
157	07A Gogarburn (exc.) to Edinburgh Airport (inc.)	1195	29.46%	05-Aug-08 A	05-Sep-11	157																											
MUDFA & Utilities Completion Dates		0		15-May-09	15-May-09																												
260	MUDFA & Utilities - Area 9 completion	0	0%	15-May-09*		260																											
340	MUDFA & Utilities - Area 9 completion	0	0%	15-May-09*		340																											
730-4	MUDFA & Utilities - Gogarburn TS to Ingliston Park & Ride	0	0%	15-May-09*		730-4																											
800-5	MUDFA & Utilities - Edinburgh Airport to Ingliston Park & Ride	0	0%	15-May-09*		800-5																											
Gogarburn (exc.) to Ingliston Park & Ride (inc.)		755		05-Aug-08 A	21-Jun-11																												
158	Gogarburn (exc.) to Ingliston Park & Ride (inc.)	1119	31.46%	05-Aug-08 A	21-Jun-11	158																											
Enabling Works		28		20-Oct-08 A	18-Jun-09																												
A2000	Site and Vegetation Clearance	28	15%	20-Oct-08 A	18-Jun-09	A2000 Site and Vegetation Clearance																											
Gogarburn Underbridge (S29)		265		20-Oct-08 A	12-Nov-09																												
WBSSum022	Gogarburn Underbridge (S29) (WBS Summary)	389	53.21%	20-Oct-08 A	12-Nov-09	WBSSum022																											
S29 Substructure		30		04-Mar-09 A	12-Jun-09																												
219	West Abutment-Reinforced Earth	15	70%	04-Mar-09 A	12-Jun-09	219 West Abutment-Reinforced Earth																											
189	East Abutment-Reinforced Earth	15	70%	13-Mar-09 A	05-Jun-09	189 East Abutment-Reinforced Earth																											
S29 Establishment / Demolition / Site Clearance		128		15-May-09	12-Nov-09																												
13041	Treat area of contaminated land	130	0%	15-May-09	12-Nov-09	13041																											

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15-May-09	Construction Programme Updated V44 & Progress	JAC	

█ Actual Work ◆ Milestone
█ Normal █ % Complete

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