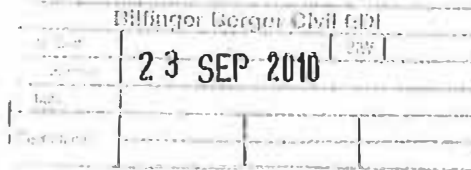


Our ref: 25.1.201/KDR/6803

23 September 2010

tie limited  
CityPoint  
65 Haymarket Terrace  
Edinburgh  
EH12 5HD



**Bilfinger Berger-Siemens- CAF  
Consortium**

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**For the attention of Steven Bell – Project Tram Director**

Dear Sirs

**Edinburgh Tram Network Infraco  
MUDFA Adjudication – Programme Revision 1A**

We refer to the Adjudication which took place in June and July 2010 before Mr Robert Howie QC in respect of delays occasioned to the Infraco Contract as a result of delays to preceding utility diversion works.

Mr Howie issued his Decision in that Adjudication on 16 July 2010 with reasons being provided on 28 July 2010. In terms of Clause 80.14 of the Infraco Contract, tie should have issued a tie Change Order reflecting the terms of Mr Howie's Decision within 28 Business Days of this determination. As tie did not issue a tie Change Order within this period but given that the Estimate which formed the subject matter of the adjudication relates to a Mandatory tie Change, tie is therefore deemed to have issued a tie Change Order.

Following this tie Change Order having been deemed to be issued, Infraco is required to update the Programme in accordance with Clause 60, to reflect the tie Change Order. We now attach a programme (which we have termed Programme Revision 1A) to reflect Mr Howie's decision.

Mr Howie determined that the Planned Completion Date for Section A was 2 November 2010. This is reflected in the attached revised programme. Please note however, that as a consequence of this, and in line with Mr Howie's decision, the Planned Sectional Completion Dates are amended as follows:

A – 2 November 2010  
B – 30 November 2010  
C – 13 September 2011  
D – 11 March 2012

/Continued

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/Continued

25.1.2011/KDR/6803

The extension of time to Section A results in resources being tied up on Section A for longer than programmed. This deprives other sections of the Infraco Works of resources which were otherwise programmed to be available to those sections. The consequence of this is that, maintaining the originally planned resource levels and implementing Mr Howie's decision as it should be implemented, the dates for Sections B, C and D move to the dates identified above. We consider this to be the 'consequential mechanics' of Mr Howie's decision (with reference to his subsequent Note of 9 August 2010).

To expand upon this, although Mr Howie only awarded an extension of time in relation to Section A, he also determined that Infraco is both bound and entitled to work to the Programme (Decision, page 8, para 4). The Programme contains resource levelling and this was much discussed in the adjudication and in Mr Howie's decision (in the context of the debate which took place on mitigation and acceleration). Mr Howie determined that to increase resource levels would be to accelerate and that this was not something which Infraco was obliged to do, absent an instruction so to do via clause 61. It flows from this that Infraco is entitled to work in the way programmed (in accordance with the Programme) which includes working with the resources that it has priced for. The consequence of this is that, if resources are tied up in Section A for longer than anticipated, they are not available for works in other sections of the site. Maintaining the planned resource levels, Planned Sectional Completions Dates B, C and D, are, by necessity, extended.

You will see from the revised programme that the dates for tram delivery and commissioning have been updated to reflect changes to the Planned Sectional Completion Dates for Sections A and B. The updated Agreed Tram Commissioning Dates will be advised under separate cover.

We submit the revised programme in accordance with Clause 60.3 of the Infraco Contract and we invite you to accept it in accordance with clause 60.4.1 of the Infraco Contract.

Yours faithfully,

*PO*  


**M Foerder**  
Project Director  
Bilfinger Berger Siemens CAF Consortium

cc: R. Walker  
M. Flynn  
A. Campos  
M. Berrozpe  
A. Urriza

*PO  
DM*

Activity ID	Activity Name	Original Duration	Start	Finish	Gantt Chart (2008-2012)																																															
<b>Edinburgh Tram Programme Revision 1A (100923)</b>					1091 28-Sep-07 11-Mar-12																																															
<b>Design Stage Consents</b>					121 28-Sep-07 01-Apr-08																																															
A17260	Forth Ports	100	28-Sep-07	28-Feb-08	01-Apr-08, Design Stage Consents																																															
A17270	Network Rail	100	28-Sep-07	28-Feb-08	Forth Ports																																															
A17300	British Airports Authority	75	28-Sep-07	24-Jan-08	Network Rail																																															
A17310	Stakis Hotels	100	28-Sep-07	28-Feb-08	British Airports Authority																																															
A17320	Other 3rd Parties	100	28-Sep-07	28-Feb-08	Stakis Hotels																																															
A17330	Network Rail APA	0		01-Apr-08*	Other 3rd Parties																																															
<b>TIE Consents</b>					28-Feb-08, TIE Consents																																															
A17280	Obtain TTRO's	100	28-Sep-07	28-Feb-08	Network Rail APA																																															
A17290	Obtain TRO's	100	28-Sep-07	28-Feb-08	Obtain TTRO's																																															
<b>Advanced Works Contract</b>					12-May-08, Advanced Works Contract																																															
<b>Advance Construction Works</b>					12-May-08, Advance Construction Works																																															
A1520	Site Clearance Area 7 (trees and bushes)	10	03-Mar-08*	14-Mar-08	Site Clearance Area 7 (trees and bushes)																																															
A1530	Temporary Fencing Area 7	20	03-Mar-08*	21-Mar-08	Temporary Fencing Area 7																																															
A1540	Plant Crossing (Castle Gogar Road)	5	03-Mar-08*	07-Mar-08	Plant Crossing (Castle Gogar Road)																																															
A1550	Soil Strip	5	03-Mar-08*	07-Mar-08	Soil Strip																																															
A1560	Excavate (at Depot)	20	03-Mar-08*	31-Mar-08	Excavate (at Depot)																																															
A1570	Divert Cycleway at Gogarburn and erect hoarding (RBS Varat)	15	03-Mar-08*	24-Mar-08	Divert Cycleway at Gogarburn and erect hoarding (RBS Varat)																																															
A1525	Site Clearance Area 5 (trees and bushes)	10	03-Mar-08*	14-Mar-08	Site Clearance Area 5 (trees and bushes)																																															
A17250	Place Surcharged Embankment (at Gogar East)	15	21-Apr-08*	12-May-08	Place Surcharged Embankment (at Gogar East)																																															
<b>Key Dates</b>					15-May-08, 11-Mar-12																																															
170	AWARD CONTRACT	0	15-May-08*		AWARD CONTRACT																																															
270	Mobilisation	20	15-May-08	12-Jun-08	Mobilisation																																															
280	Commence Phase 1a	0	15-May-08		Commence Phase 1a																																															
313	Section Completion A	0		02-Nov-10	Section Completion A																																															
314	Section Completion B	0		30-Nov-10	Section Completion B																																															
311	Construction Completion Phase 1a Haymarket to Newhaven (excluding roadworks)	0		13-Jul-11	Construction Completion Phase 1a Haymarket to Newhaven (excluding roadworks)																																															
281	Construction Completion Phase 1a Edinburgh Airport to Haymarket	0		13-Sep-11	Construction Completion Phase 1a Edinburgh Airport to Haymarket																																															
315	Section Completion C	0		13-Sep-11	Section Completion C																																															
310	Commencement of Revenue Service Phase 1a Edinburgh Arp	0		11-Mar-12	Commencement of Revenue Service Phase 1a Edinburgh Arp																																															
325	Section Completion D	0		11-Mar-12	Section Completion D																																															
<b>Commissioning Phase 1a Edinburgh Airport to Haymarket</b>					15-Jul-11, 11-Mar-12																																															
295	Latest date for first tram on site available for commissioning	0		15-Jul-11	Latest date for first tram on site available for commissioning																																															
300	System Integration Test; Phase 1a Edinburgh Airport to Haymarket	30	13-Sep-11	13-Oct-11	System Integration Test; Phase 1a Edinburgh Airport to Haymarket																																															
301	Test Running and Driver Familiarisation, Phase 1a Edinburgh Airport to Haymarket	30	13-Oct-11	12-Nov-11	Test Running and Driver Familiarisation, Phase 1a Edinburgh Airport to Haymarket																																															
302	T1 Post Commissioning Test completed; Phase 1a Edinburgh Airport to Haymarket	0		12-Nov-11	T1 Post Commissioning Test completed; Phase 1a Edinburgh Airport to Haymarket																																															
302.1	Test Running and Driver familiarisation performance ramp up 1a Airport to Haymarket	30	12-Nov-11	12-Dec-11	Test Running and Driver familiarisation performance ramp up 1a Airport to Haymarket																																															
302.2	T2 Performance Test completed, Phase 1a Edinburgh Airport to Haymarket	0		12-Dec-11	T2 Performance Test completed, Phase 1a Edinburgh Airport to Haymarket																																															
302.3	Approval of HMRI; Phase 1a Edinburgh Airport to Haymarket	0		12-Dec-11	Approval of HMRI; Phase 1a Edinburgh Airport to Haymarket																																															
302.4	Shadow running; Phase 1a Edinburgh Airport to Haymarket	90	12-Dec-11	11-Mar-12	Shadow running; Phase 1a Edinburgh Airport to Haymarket																																															

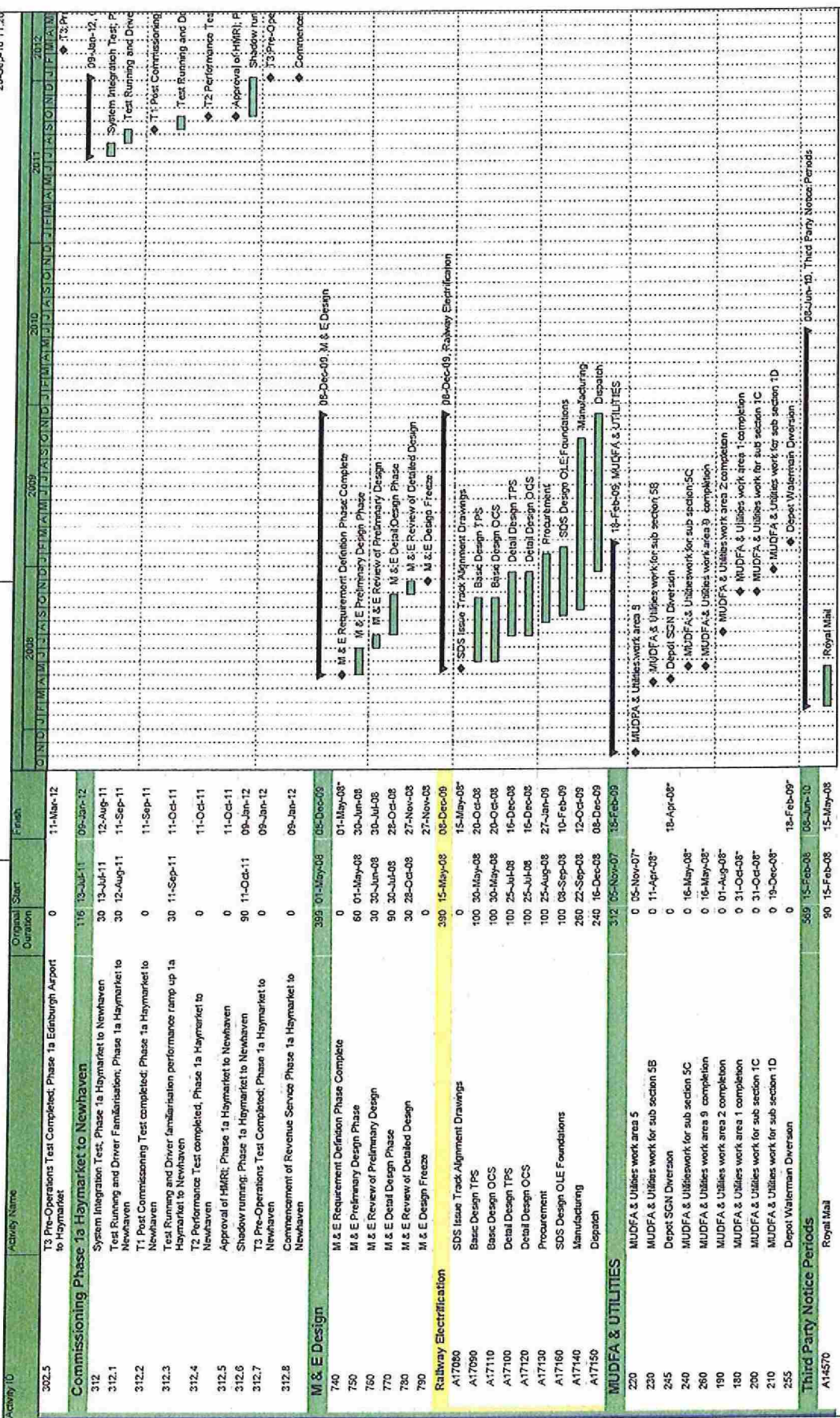
Date	Revision	Checked	Approved
23-Sep-10	Revision 1A (100923)	SCS	BSC

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**EDINBURGH TRAM NETWORK**



23-Sep-10 11:26



Page 2 of 43

Legend: Actual Work (Green bar), Remaining Work (Red bar), Critical Remaining Work (Red bar with arrow), Summary (Arrow), Milestone (Diamond)

Scale: 0 to 365 days

Activity: Royal Mail

Activity: Depot Waterman Diversion

Activity: MUDFA & Utilities work for sub section 1D

Activity: MUDFA & Utilities work for sub section 1C

Activity: MUDFA & Utilities work area 9 completion

Activity: MUDFA & Utilities work area 2 completion

Activity: Depot SGN Diversion

Activity: MUDFA & Utilities work for sub section 5B

Activity: MUDFA & Utilities work area 5

Activity: Dispatch

Activity: Manufacturing

Activity: SDS Design OLE Foundations

Activity: Procurement

Activity: Detail Design OCS

Activity: Detail Design TPS

Activity: Basic Design OCS

Activity: Basic Design TPS

Activity: SDS Issue Track Alignment Drawings

Activity: M & E Design Freeze

Activity: M & E Review of Detailed Design

Activity: M & E Detail Design Phase

Activity: M & E Review of Preliminary Design

Activity: M & E Preliminary Design Phase

Activity: M & E Requirement Definition Phase Complete

Activity: Commencement of Revenue Service Phase 1a Haymarket to Newhaven

Activity: T3 Pre-Operations Test Completed; Phase 1a Haymarket to Newhaven

Activity: Shadow running; Phase 1a Haymarket to Newhaven

Activity: Approval of HMRI; Phase 1a Haymarket to Newhaven

Activity: T2 Performance Test completed; Phase 1a Haymarket to Newhaven

Activity: Test Running and Driver familiarisation performance ramp up 1a Haymarket to Newhaven

Activity: T1 Post Commissioning Test completed; Phase 1a Haymarket to Newhaven

Activity: Test Running and Driver Familiarisation; Phase 1a Haymarket to Newhaven

Activity: System Integration Test; Phase 1a Haymarket to Newhaven

Activity: T3 Pre-Operations Test Completed; Phase 1a Edinburgh Airport to Haymarket

# EDINBURGH TRAM NETWORK

Activity ID	Activity Name	Original Start Duration	Finish	2000	2009	2010	2011	2012
A14200	ICAS	09-Sep-08	09-Sep-08					
A14520	Roseburn Garage	16-Mar-08	16-Sep-08					
A14350	BAA	15-May-08	16-Sep-08					
A14450	West Craigs Ltd	14-Apr-08	12-May-08					
A14390	Murrayfield Indoor Sports Centre	14-Apr-08	12-May-08					
A14420	SRU	05-May-08	02-Jun-08					
A14500	Adshel	15-May-08	09-Jun-08					
A14510	BT	15-May-08	11-Jun-08					
A14520	Cable & Wireless	15-May-08	11-Jun-08					
A14530	Esaynet Telecomms Ltd.	15-May-08	11-Jun-08					
A14540	Historic Scotland	15-May-08	11-Jun-08					
A14550	NTL	15-May-08	11-Jun-08					
A14590	Scottish Water	15-May-08	11-Jun-08					
A14600	Thos	15-May-08	11-Jun-08					
A14610	Tranco	15-May-08	11-Jun-08					
A14580	Scotrail	27-May-08	24-Jun-08					
A14230	NULAP	09-Jul-08	06-Sep-08					
A14400	Royal Mail	22-Jul-08	19-Aug-08					
A14380	Cherrel Medical Investment Group	23-Jul-08	20-Aug-08					
A14390	NEL & EPML	05-Aug-08	02-Sep-08					
A14440	Universities Superannuation Scheme	05-Aug-08	02-Sep-08					
A14180	CGM Edinburgh Ltd.	12-Aug-08	06-Sep-08					
A14210	Kenmore Capital	12-Aug-08	06-Sep-08					
A14260	Trustees of City Point	12-Aug-08	06-Sep-08					
A14270	Verity Trustees	12-Aug-08	06-Sep-08					
A14280	CGM Edinburgh Ltd	12-Aug-08	06-Sep-08					
A14430	UGC Properties	19-Aug-08	16-Sep-08					
A14550	Network rail	17-Sep-08	15-Oct-08					
A14110	Salisbury - Morrison	30-Sep-08	28-Oct-08					
A14190	Forth Ports	03-Oct-08	31-Oct-08					
A14170	ADM Milling	06-Oct-08	03-Nov-08					
A14220	Land Securities Tulum	06-Dec-08	05-Jan-09					
A14240	Ocean Terminal	30-Apr-09	28-May-09					
A14250	Royal Yacht Britannia	30-Apr-09	28-May-09					
A14470	NIL	21-Jun-09	20-Jul-09					
A14370	Jenners (JPSE)	11-May-10	08-Jun-10					
<b>Track Finishes</b>								
A20000	Tamping Ballast	13-Sep-10	04-Feb-11					
A20010	Finishing	13-Sep-10	27-Jan-11					
A20020	Prestressing	13-Sep-10	04-Feb-11					
A20030	Grinding	15-Oct-10	15-Oct-10					
<b>SECTION 01 NEWHAVEN ROAD TO HAYMARKET</b>								
Opening Sequence B (Haymarket to Newhaven Road)								
01A Newhaven Road (inc) to Foot of the Walk (exc)								
Newhaven Road (inc) to Ocean Terminal (exc)								
Design								
		747	30-Jun-08	13-Jul-11				
		747	30-Jun-08	13-Jul-11				
		588	15-Aug-09	17-Jul-11				
		101	19-Aug-08	22-Jan-09				

Page 3 of 43

Actual Work Remaining Work Critical Remaining Work Summary

Remaining Work Milestone

Checked SCS Approved BSC

Date 23-Sep-10 Revision 1A (100923)

**EDINBURGH TRAM NETWORK**

Activity ID	Activity Name	Original Start	Original Duration	Finish	2008	2009	2010	2011	2012
1A-24-W1-05	SDS Design Complete W1	0	0	18-Aug-08					
1A-24-W1-10	Issue Construction Drawings W1	0	0	01-Oct-08					
1A-24-ROAD-10	Issue Construction Drawings Roadworks	0	0	06-Oct-08					
1A-24-TRCK-10	Issue Construction Drawings Trackwork	0	0	06-Oct-08					
1A-24-TRMS-10	Issue Construction Drawings Tramstop	0	0	22-Jan-09					
Lindsay Road Retaining Walls (W1)									
1A-24-W1-52	Wall B Contiguous Bored Piles	150	31	03-Oct-08					
1A-24-W1-91	Wall A Reinforced Earth	100	31	03-Apr-09					
Roadworks									
1A-24C-ROAD-100	CH 0700 to 0850	465	03	03-Nov-08					
1A-24B-ROAD-100	CH 0300 to 0700	50	14	04-Jul-09					
1A-24A-ROAD-100	CH 0000 to 0300	50	16	16-Jul-10					
Trackwork									
Ch 600-700		415	03	03-Nov-08					
1A-24E-TRCK-20	Establish Traffic Management & Temp. Fencing	53	03	29-Jan-09					
1A-24E-TRCK-30	Excavate box	2	03	03-Nov-08					
1A-24E-TRCK-40	Excavate, lay and concrete ducts	4	05	05-Nov-08					
1A-24E-TRCK-50	Excavate and construct OLE bases	6	11	11-Nov-08					
1A-24E-TRCK-70	Set Track (100m)	6	19	19-Nov-08					
1A-24E-TRCK-75	Place upper concrete and cure	9	05	05-Jan-09					
1A-24E-TRCK-80	Street Surface finishes	9	08	08-Jan-09					
1A-24E-TRCK-21	Remove fencing and Traffic Management	6	21	21-Jan-09					
Ch 475-600		1	29	29-Jan-09					
1A-24D-TRCK-20	Establish Traffic Management & Temp. Fencing	44	30	30-Jan-09					
1A-24D-TRCK-30	Excavate box	2	30	30-Jan-09					
1A-24D-TRCK-40	Excavate, lay and concrete ducts	5	03	03-Feb-09					
1A-24D-TRCK-50	Excavate and construct OLE bases	8	10	10-Feb-09					
1A-24D-TRCK-70	Set Track (125m)	8	20	20-Feb-09					
1A-24D-TRCK-75	Place upper concrete and cure	11	04	04-Mar-09					
1A-24D-TRCK-80	Street Surface finishes	11	09	09-Mar-09					
1A-24D-TRCK-21	Remove fencing and Traffic Management	6	24	24-Mar-09					
Ch 265-475		1	01	01-Apr-09					
1A-24C-TRCK-20	Establish Traffic Management & Temp. Fencing	22	02	02-Apr-09					
1A-24C-TRCK-30	Excavate box	2	02	02-Apr-09					
1A-24C-TRCK-40	Excavate, lay and concrete ducts	3	05	05-Apr-09					
1A-24C-TRCK-50	Excavate and construct OLE bases	3	08	08-Apr-09					
1A-24C-TRCK-70	Set Track (50m)	3	14	14-Apr-09					
1A-24C-TRCK-75	Place upper concrete and cure	5	17	17-Apr-09					
1A-24C-TRCK-80	Street Surface finishes	5	22	22-Apr-09					
1A-24C-TRCK-21	Remove fencing and Traffic Management	3	29	29-Apr-09					
Ch 265-425		1	05	05-May-09					
1A-24B-TRCK-20	Establish Traffic Management & Temp. Fencing	48	08	08-May-09					
1A-24B-TRCK-30	Excavate box	6	08	08-May-09					
1A-24B-TRCK-40	Excavate, lay and concrete ducts	6	08	08-May-09					
1A-24B-TRCK-50	Excavate and construct OLE bases	9	01	01-Jun-09					
1A-24B-TRCK-70	Set Track (160m)	12	12	12-Jun-09					

23-Sep-10

Revision 1A (100923)

Checked: SCS

Approved: BSC

Page 4 of 43

Summary

Actual Work

Remaining Work

Critical Remaining Work

Milestone



**EDINBURGH TRAM NETWORK**

Activity ID	Activity Name	Original Duration	Start	Finish
1A-23-S17-05	SDS Design Complete S17	0	01-Oct-08*	
1A-23-S16-10	Issue Construction Drawings S16	0	13-Nov-08*	
1A-23-S17-10	Issue Construction Drawings S17	0	10-Dec-08*	
1A-23-ROAD-10	Issue Construction Drawings Roadworks	0	22-Jan-09*	
1A-23-TRMS-10	Issue Construction Drawings Tramstop	0	22-Jan-09*	
1A-23C-TRCK-10	Issue Construction Drawings Trackwork	0	22-Jan-09*	
<b>Victoria Dock Entrance Bridge (S16)</b>				
1A-23-S16-15	Permanent Diversion of Services (by Others)	35*	13-Apr-09	05-Nov-10
1A-23-S16-100	Reprofile and Waterproof Deck (Dummy)	40	13-Apr-09	10-Jun-09*
1A-23-S17-15	Temporary Diversion of Services (by others)	32*	13-Apr-09	06-Sep-10
1A-23-S17-31	Temporary Platforms and Demolition	60	10-Jun-09	03-Sep-09
1A-23-S17-32	Piling	15	03-Sep-09	24-Sep-09
<b>North Widening</b>				
1A-23-S17-40N	Substructure	76	24-Sep-09	25-Jan-10
1A-23-S17-51N	Install Beams	40	24-Sep-09	19-Nov-09
1A-23-S17-50N	Superstructure	1	19-Nov-09	20-Nov-09
<b>South Widening</b>				
1A-23-S17-40S	Substructure	76	25-Jun-10	13-May-10
1A-23-S17-51S	Install Beams	40	25-Jun-10	22-Mar-10
1A-23-S17-50S	Superstructure	35	23-Mar-10	13-May-10
<b>Deck Finishes</b>				
1A-23-S17-16	Permanent Diversion of Services (by others)	80	13-May-10	06-Sep-10
1A-23-S17-70	Finishes	40	13-May-10	09-Jul-10
1A-23-S17-70	Finishes	40	09-Jul-10	06-Sep-10
<b>Roadworks</b>				
381	01-Jun-09	09-Dec-10		
47	01-Jun-09	03-Aug-09		
<b>Ocean Terminal Ch 850-1080</b>				
1A-23A-ROAD-30	Excavate for new channel and kerb line / remove existing kerbs	12	01-Jun-09	16-Jun-09
1A-23A-ROAD-40	Construct Kerb lines	14	04-Jun-09	23-Jun-09
1A-23A-ROAD-50	Reset Gullies	28	18-Jun-09	27-Jul-09
1A-23A-ROAD-70	Pavement Works	28	24-Jun-09	31-Jul-09
1A-23A-ROAD-80	Street Lighting / Traffic Signals / Road Signs	7	24-Jun-09	03-Jul-09
1A-23A-ROAD-60	Surface new channel	6	23-Jul-09	05-Aug-09
<b>Rennies Isle to Casino Square Ch 1410-1800</b>				
74	17-May-10	31-Aug-10		
1A-23C-ROAD-30	Excavate for new channel and kerb line / remove existing kerbs	19	17-May-10	14-Jun-10
1A-23C-ROAD-40	Construct Kerb lines	24	20-May-10	24-Jun-10
1A-23C-ROAD-50	Reset Gullies	48	04-Jun-10	12-Aug-10
1A-23C-ROAD-70	Pavement Works	47	24-Jun-10	31-Aug-10
1A-23C-ROAD-80	Street Lighting / Traffic Signals / Road Signs	7	24-Jun-10	05-Jul-10
1A-23C-ROAD-60	Surface new channel	6	12-Aug-10	20-Aug-10
<b>Ocean Terminal to Rennie's Isle Ch 1050-1410</b>				
53	24-Sep-10	09-Dec-10		
1A-23B-ROAD-30	Excavate for new channel and kerb line / remove existing kerbs	14	24-Sep-10	14-Oct-10
1A-23B-ROAD-40	Construct Kerb lines	17	29-Sep-10	22-Oct-10
1A-23B-ROAD-50	Reset Gullies	34	13-Oct-10	01-Dec-10
1A-23B-ROAD-70	Pavement Works	33	22-Oct-10	09-Dec-10
1A-23B-ROAD-80	Street Lighting / Traffic Signals / Road Signs	7	22-Oct-10	02-Nov-10
1A-23B-ROAD-60	Surface new channel	6	01-Dec-10	09-Dec-10

Page 6 of 43

Actual Work █ Remaining Work █ Critical Remaining Work █ Milestone ◆ Summary ▶

Date: 23-Sep-10 | Revision: 1A (100923) | Checked: ICS | Approved: BSC



# EDINBURGH TRAM NETWORK

BILFINGER BERGER SIEMENS CAF  
Civil

22-Sep-10 11:26

Activity ID	Activity Name	Original Start	Original Duration	Finish
<b>Trackwork</b>				
Ocean Terminal Ch. 850-1800		354	28-May-09	10-Dec-10
1A-23A-TRCK-20	Establish Traffic Management & Temp. Fencing	2	28-May-09	01-Dec-10
1A-23A-TRCK-30	Excavate box	12	01-Jun-09	29-May-09
1A-23A-TRCK-40	Excavate, lay and concrete ducts	17	17-Jun-09	16-Jun-09
1A-23A-TRCK-50	Excavate and construct OLE bases	17	17-Jun-09	09-Jul-09
1A-23A-TRCK-70	Set Track (280m)	30	05-Oct-10	09-Jul-09
1A-23A-TRCK-75	Place upper concrete and cure	30	08-Oct-10	16-Nov-10
1A-23A-TRCK-80	Street Surface finishes	6	19-Nov-10	19-Nov-10
1A-23A-TRCK-21	Remove fencing and Traffic Management	1	30-Nov-10	30-Nov-10
Rennies Isle to Casino Square Ch. 1410-1800		92	13-May-10	22-Sep-10
1A-23C-TRCK-20	Establish Traffic Management & Temp. Fencing	2	13-May-10	17-May-10
1A-23C-TRCK-30	Excavate box	19	17-May-10	14-Jun-10
1A-23C-TRCK-40	Excavate, lay and concrete ducts	28	14-Jun-10	22-Jul-10
1A-23C-TRCK-50	Excavate and construct OLE bases	23	22-Jul-10	01-Sep-10
1A-23C-TRCK-70	Set Track (470m)	31	26-Jul-10	08-Sep-10
1A-23C-TRCK-75	Place upper concrete and cure	31	29-Jul-10	13-Sep-10
1A-23C-TRCK-80	Street Surface finishes	6	13-Sep-10	21-Sep-10
1A-23C-TRCK-21	Remove fencing and Traffic Management	1	21-Sep-10	22-Sep-10
Ocean Terminal to Rennie's Isle Ch. 1900-2410		56	22-Sep-10	10-Dec-10
1A-23B-TRCK-20	Establish Traffic Management & Temp. Fencing	2	22-Sep-10	24-Sep-10
1A-23B-TRCK-30	Excavate box	14	24-Sep-10	14-Oct-10
1A-23B-TRCK-40	Excavate, lay and concrete ducts	20	14-Oct-10	11-Nov-10
1A-23B-TRCK-50	Excavate and construct OLE bases	20	14-Oct-10	11-Nov-10
1A-23B-TRCK-70	Set Track (330m)	22	18-Oct-10	17-Nov-10
1A-23B-TRCK-75	Place upper concrete and cure	22	21-Oct-10	22-Nov-10
1A-23B-TRCK-80	Street Surface finishes	6	22-Nov-10	01-Dec-10
1A-23B-TRCK-21	Remove fencing and Traffic Management	1	09-Dec-10	10-Dec-10
Ocean Terminal Tram Stop		409	01-Jun-09	01-Feb-11
1A-23-TRMS-30	Civil Engineering and Building Works	85	01-Jun-09	31-Aug-09
1A-23-TRMS-20	Order REC Supply	0	15-Jun-09	
1A-23-TRMS-30	Access for visual inspection for EAM Tram Stop installation (O1A Ocean Terminal)	0	09-Jul-09	
1A-23-TRMS-40	Deliver and Install Shelter	10	27-Jul-09	10-Aug-09
1A-23-TRMS-50	Install LV Power Supply and LV Power Equipment	25	11-Aug-09	14-Sep-09
1A-23-TRMS-31	Access for EAM Tram Stop installation (O1A Ocean Terminal)	0	11-Aug-09	
1A-23-SIG-50	Installation of SIG-interlocking cubicle (2)	15	25-Aug-09	14-Sep-09
1A-23-TRMS-60	Install Telecom Equipment	20	15-Sep-09	12-Oct-09
1A-23-TRMS-65	Install Station Control Equipment + AFC Equipment	25	15-Sep-09	19-Oct-09
1A-23-TRMS-80	Package Test Tramstop	5	20-Oct-09	25-Oct-09
1A-23-SIG-80	Commissioning of SIG-interlocking cubicle	5	25-Jan-11	01-Feb-11
Port of Leith (Inc.) to Bannard Street (Exc)		509	26-Sep-08	17-Nov-10
Design		0	26-Sep-08	26-Sep-08
1A-23-TRCK-10	Issue Construction Drawings Trackwork	0		28-Sep-08
1A-23-TRMS-10	Issue Construction Drawings Tramstop	0		28-Sep-08
1A-23-ROAD-10	Issue Construction Drawings Roadworks	0		26-Sep-08
<b>Trackwork</b>				
Date	Revised	Checked	Approved	
23-Sep-10	Revision 1A (100923)	SCS	BSC	

Page 7 of 43

Actual Work █ Remaining Work █ Critical Remaining Work █ Milestone ◆ Summary ▶

Programme Revision 1A (100923)

**EDINBURGH TRAM NETWORK**

23-Sep-10 11:26

Activity ID	Activity Name	Original Start	Finish	Duration
1A-22B-TRCK-20	Casino Square to Baltic Street Ch: 1860 - 2110	31-Oct-08	27-May-09	135
1A-22B-TRCK-30	Establish Traffic Management & Temp. Fencing	2 31-Oct-08	03-Nov-08	2
1A-22B-TRCK-40	Excavate box	10 04-Nov-08	17-Nov-08	7
1A-22B-TRCK-50	Excavate, lay and concrete ducts	14 18-Nov-08	08-Dec-08	14
1A-22B-TRCK-60	Excavate and construct OLE bases	14 18-Nov-08	08-Dec-08	14
1A-22B-TRCK-70	Set Track (200m)	16 20-Apr-09	12-May-09	16
1A-22B-TRCK-75	Place upper concrete and cure	16 23-Apr-09	15-May-09	16
1A-22B-TRCK-80	Street Surface finishes	6 19-May-09	26-May-09	6
1A-22B-TRCK-21	Remove fencing and Traffic Management	1 27-May-09	27-May-09	1
1A-22A-TRCK-20	Casino Square to Baltic Street Ch: 1850-1880	28-May-09	28-Aug-09	65
1A-22A-TRCK-30	Establish Traffic Management & Temp. Fencing	2 28-May-09	29-May-09	2
1A-22A-TRCK-40	Excavate box	2 01-Jun-09	02-Jun-09	2
1A-22A-TRCK-50	Excavate, lay and concrete ducts	3 03-Jun-09	05-Jun-09	3
1A-22A-TRCK-60	Excavate and construct OLE bases	3 08-Jun-09	10-Jun-09	3
1A-22A-TRCK-70	Set Track (30m)	4 10-Aug-09	14-Aug-09	4
1A-22A-TRCK-75	Place upper concrete and cure	4 13-Aug-09	19-Aug-09	4
1A-22A-TRCK-80	Street Surface finishes	6 19-Aug-09	27-Aug-09	6
1A-22A-TRCK-21	Remove fencing and Traffic Management	1 27-Aug-09	28-Aug-09	1
1A-22-ROAD-30	Casino Square to Baltic Street Ch: 1860 - 2110	04-Nov-08	14-Jan-09	41
1A-22-ROAD-40	Excavate for new channel and kerb line / remove existing kerbs	10 04-Nov-08	17-Nov-08	10
1A-22-ROAD-50	Construct Kerb Lines	12 07-Nov-08	24-Nov-08	12
1A-22-ROAD-60	Reset Gullies	24 21-Nov-08	08-Jan-09	24
1A-22-ROAD-70	Pavement Works	23 25-Nov-08	09-Jan-09	23
1A-22-ROAD-80	Street Lighting / Traffic Signals / Road Signs	7 25-Nov-08	04-Dec-08	7
1A-22-ROAD-60	Surface new channel	4 08-Jan-09	14-Jan-09	4
1A-22-TRMS-90	Port of Leith Tram Stop	17-May-10	17-Nov-10	130
1A-22-TRMS-20	Civil Engineering and Building Works	65 17-May-10	18-Aug-10	65
1A-22-TRMS-30	Order REC Supply	0 06-Jul-10		0
1A-22-TRMS-40	Access for visual inspection for E&M Tram Stop installation (01A Ocean Drive)	0 02-Aug-10		0
1A-22-TRMS-50	Deliver and Install Shelter	10 19-Aug-10	01-Sep-10	10
1A-22-TRMS-31	Install LV Power Supply and LV Power Equipment	25 01-Sep-10	06-Oct-10	25
1A-22-TRMS-70	Access for E&M Tram Stop installation (01A Ocean Drive)	0 01-Sep-10		0
1A-22-TRMS-60	Install Telecom Equipment	20 06-Oct-10	03-Nov-10	20
1A-22-TRMS-80	Install Station Control Equipment + AFC Equipment	25 06-Oct-10	10-Nov-10	25
1A-22-TRMS-86	Package Test Tramstop	5 10-Nov-10	17-Nov-10	5
1A-22-TRMS-10	Bernard Street (incl.) to Foot of the Walk (exc.)	513 25-Sep-08	26-Oct-10	513
1A-21-TRMS-10	Design	0 25-Sep-08	25-Sep-08	0
1A-21-TRK-10	Issue Construction Drawings Tramstop	0 25-Sep-08	25-Sep-08	0
1A-21-ROAD-10	Issue Construction Drawings	0 25-Sep-08	25-Sep-08	0
1A-21-ROAD-10	Issue Construction Drawings Roadworks	0 25-Sep-08	25-Sep-08	0
1A-21B-TRCK-20	Queen Charlotte to Foot/Walk Ch: 2346-2730	487 31-Oct-08	26-Oct-10	487
1A-21B-TRCK-30	Establish Traffic Management & Temp. Fencing	103 31-Oct-08	08-Apr-09	103
1A-21B-TRCK-40	Excavate box	2 31-Oct-08	03-Nov-08	2
1A-21B-TRCK-40	Excavate, lay and concrete ducts	16 04-Nov-08	25-Nov-08	16
1A-21B-TRCK-40	Excavate, lay and concrete ducts	24 26-Nov-08	13-Jan-09	24

23-Sep-10 (Revision 1A (100923))

Checked: SCS | Approved: ESC

Page 8 of 43

Legend: █ Actual Work █ Critical Remaining Work █ Summary  
█ Remaining Work ◆ Milestone

Programme Revision 1A (100923)

**EDINBURGH TRAM NETWORK**

23-Sep-10 11:26

Activity ID	Activity Name	Original Start	Finish	2008	2009	2010	2011	2012
1A-21B-TRCK-50	Excavate and construct OLE bases	24 14-Jan-09	16-Feb-09					
1A-21B-TRCK-70	Set Track (390m)	27 17-Feb-09	25-Mar-09					
1A-21B-TRCK-75	Place upper concrete and cure	27 20-Feb-09	30-Mar-09					
1A-21B-TRCK-80	Street Surface finishes	6 31-Mar-09	07-Apr-09					
1A-21B-TRCK-21	Remove fencing and Traffic Management	1 08-Apr-09	09-Apr-09					
<b>Ballic to Queen Charlotte Ch 2110-2340</b>								
1A-21A-TRCK-20	Establish Traffic Management & Temp. Fencing	384 06-Apr-09	26-Oct-10					
1A-21A-TRCK-30	Excavate box	2 09-Apr-09	13-Apr-09					
1A-21A-TRCK-40	Excavate, lay and concrete ducts	10 14-Apr-09	27-Apr-09					
1A-21A-TRCK-50	Excavate and construct OLE bases	14 29-Apr-09	18-May-09					
1A-21A-TRCK-70	Set Track (230m)	14 19-May-09	08-Jun-09					
1A-21A-TRCK-75	Place upper concrete and cure	16 20-Sep-10	12-Oct-10					
1A-21A-TRCK-80	Street Surface finishes	6 23-Sep-10	15-Oct-10					
1A-21A-TRCK-21	Remove fencing and Traffic Management	6 15-Oct-10	25-Oct-10					
<b>Roadworks</b>								
<b>Queen Charlotte to Foot Walk Ch 2340-2730</b>								
1A-21B-ROAD-30	Excavate for new channel and kerb line / remove existing kerbs	16 04-Nov-08	25-Nov-08					
1A-21B-ROAD-40	Construct Kerb lines	20 07-Nov-08	05-Dec-08					
1A-21B-ROAD-50	Reset Gullies	40 21-Nov-08	30-Jan-09					
1A-21B-ROAD-70	Pavement Works	39 08-Dec-08	12-Feb-09					
1A-21B-ROAD-80	Street Lighting / Traffic Signals / Road Signs	7 08-Dec-08	15-Dec-08					
1A-21B-ROAD-60	Surface new channel	6 02-Feb-09	09-Feb-09					
<b>Ballic to Queen Charlotte Ch 2310-2340</b>								
1A-21A-ROAD-30	Excavate for new channel and kerb line / remove existing kerbs	41 16-Apr-08	11-Jun-09					
1A-21A-ROAD-40	Construct Kerb lines	10 14-Apr-09	27-Apr-09					
1A-21A-ROAD-50	Reset Gullies	12 17-Apr-09	05-May-09					
1A-21A-ROAD-70	Pavement Works	24 01-May-09	05-Jun-09					
1A-21A-ROAD-80	Street Lighting / Traffic Signals / Road Signs	23 06-May-09	08-Jun-09					
1A-21A-ROAD-60	Surface new channel	7 06-May-09	14-May-09					
<b>Bernard Street Tram Stop</b>								
1A-21-TRMS-80	Civil Engineering And Building Works	150 14-Apr-09	12-Nov-09					
1A-21-TRMS-20	Order REC Supply	0 02-Jul-09						
1A-21-TRMS-30	Access for visual inspection for E&M Tram Stop installation (O1A Constitution Street)	0 28-Jul-09						
1A-21-TRMS-40	Deliver and Install Shelter	10 14-Aug-09	27-Aug-09					
1A-21-TRMS-31	Access for E&M Tram Stop installation (O1A Constitution Street)	0 27-Aug-09						
1A-21-TRMS-50	Install LV Power Supply and LV Power Equipment	25 28-Aug-09	01-Oct-09					
1A-21-TRMS-70	Install Telecom Equipment	20 02-Oct-09	29-Oct-09					
1A-21-TRMA-60	Install Station Control Equipment + AFC Equipment	25 02-Oct-09	05-Nov-09					
1A-21-TRMS-80	Package Test Tramstop	5 05-Nov-09	12-Nov-09					
<b>E &amp; M Installations</b>								
<b>Newhaven to Ocean Terminal</b>								
1A-24-OHLE-30	Access for visual inspection for E&M wayside installation (O1A)	157 16-Nov-10	13-Jul-11					
1A-24-ELEC-30	Access for visual inspection to cable pits for cable laying (O1A)	0 16-Nov-10						
1A-24-ELEC-60	Install Electrical Cables	10 17-Dec-10	14-Jan-11					
1A-24-OHLE-50	Installation of poles and building forms	9 17-Dec-10	13-Jan-11					
1A-24-OHLE-31	Access for E&M wayside installation (O1A)	0 17-Dec-10						

Page 9 of 43

Actual Work █ Remaining Work █ Critical Remaining Work █ Summary █

Checked █ SCS █ BSC █ Approved

Date █ Revision █ Revision 1A (100923)

# EDINBURGH TRAM NETWORK

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Civil

23-Sep-10 11:25

Activity ID	Activity Name	Original Start	Original Duration	Finish	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
1A-24-ELEC-31	Access to cable pits for cable laying (01A)	0 17-Dec-10												
1A-24-SGNW-60	Install Signalling Wayside Equipment	10 14-Jan-11		28-Jan-11										
1A-24-OHLE-60	Overhead Catenary Line	21 14-Jun-11		12-Jul-11										
1A-24-TELC-60	Install Fibre Optic Cables	10 28-Jun-11		12-Jul-11										
<b>Ocean Terminal to Foot of the Walk</b>														
1A-212223-OHLE-30	Access for visual inspection for E&M wayside installation (01A)	0 23-Oct-10		16-Jun-11										
1A-212223-ELEC-30	Access for visual inspection to cable pits for cable laying (01A)	0 28-Oct-10												
1A-212223-ELEC-60	Install Electrical Cables	15 30-Nov-10		21-Dec-10										
1A-212223-OHLE-50	Installation of poles and building fittings	13 30-Nov-10		17-Dec-10										
1A-212223-OHLE-31	Access for E&M wayside installation (01A)	0 30-Nov-10												
1A-212223-ELEC-31	Access to cable pits for cable laying (01A)	15 21-Dec-10		25-Jan-11										
1A-212223-SGNW-60	Install Signalling Wayside Equipment	32 27-Apr-11		14-Jun-11										
1A-212223-OHLE-60	Overhead Catenary Line	15 12-May-11		03-Jun-11										
1A-212223-TELC-60	Install Fibre Optic Cables	079 30-Jun-08		05-Sep-11										
<b>01B Foot of the Walk (inc) to McDonald Road (exc)</b>														
<b>E &amp; M Installation</b>														
1B-1920-OHLE-30	Access for visual inspection for E&M wayside installation (01B)	0 08-Oct-10		06-Apr-11										
1B-1920-OHLE-50	Installation of poles and building fittings	10 09-Nov-10		23-Nov-10										
1B-1920-OHLE-31	Access for E&M wayside installation (01B)	0 09-Nov-10												
1B-1920-ELEC-30	Access for visual inspection to cable pits for cable laying (01B)	0 31-Jan-11												
1B-1920-OHLE-60	Overhead Catenary Line	23 16-Feb-11		21-Mar-11										
1B-1920-ELEC-60	Install Electrical Cables	12 02-Mar-11		18-Mar-11										
1B-1920-TELC-60	Install Fibre Optic Cables	12 02-Mar-11		18-Mar-11										
1B-1920-ELEC-31	Access to cable pits for cable laying (01B)	0 02-Mar-11												
1B-1920-SGNW-60	Install Signalling Wayside Equipment	12 18-Mar-11		06-Apr-11										
<b>Foot of the walk (inc) to Balfour Street (exc)</b>														
<b>Design</b>														
1B-20-TRCK-10	Issue Construction Drawings Trackwork	57 07-Jul-08		25-Sep-08										
1B-20-ROAD-10	Issue Construction Drawings Roadworks	0		07-Jul-08										
1B-20-TRMS-10	Issue Construction Drawings Tramstop	0		25-Sep-08										
<b>Foot of the Walk Tram Stop</b>														
1B-20-TRMS-90	Civil Engineering And Building Works	105 04-Nov-08		15-Apr-09										
1B-20-TRMS-20	Order REC Supply	65 04-Nov-08		17-Feb-09										
1B-20-TRMS-30	Access for visual inspection for E&M Tram Stop installation (01B Foot of the Walk)	0 25-Dec-08												
1B-20-TRMS-40	Deliver and Install Shelter	10 14-Jan-09		27-Jan-09										
1B-20-TRMS-31	Access for E&M Tram Stop installation (01B Foot of the Walk)	0 27-Jan-09												
1B-20-TRMS-50	Install LV Power Supply and LV Power Equipment	25 28-Jan-09		03-Mar-09										
1B-20-TRMS-70	Install Telecom Equipment	20 04-Mar-09		31-Mar-09										
1B-20-TRMS-60	Install Station Control Equipment + AFC Equipment	25 04-Mar-09		07-Apr-09										
1B-20-TRMS-80	Package Test Tramstop	5 08-Apr-09		15-Apr-09										
<b>Lerth Walk Substation</b>														
1B-20-SUBS-20	Order REC supply from Scottish Power	0 14-Oct-08												
1B-20-SUBS-90	Civil Engineering and Building Works	65 04-Nov-08		17-Feb-09										
1B-20-SUBS-30	Access for visual inspection for E&M Substation installation (01B Lerth Walk)	0 19-Jan-09												
1B-20-SUBS-40	Power Infeed from Public Net available inc HV cable	0 19-Feb-09												

Actual Work Remaining Work Critical Remaining Work Summary

Page 10 of 43

Date: 23-Sep-10  
Revision: 1A (100923)  
Checked: SCS  
Approved: BSC

# EDINBURGH TRAM NETWORK

Activity ID	Activity Name	Original Start	Original Duration	Finish	2008	2009	2010	2011	2012
1B-20-SUBS-50	Install LV Power Supply and LV Power Equipment	15-Feb-09	15	10-Mar-09					
1B-20-SUBS-51	Access for ESM Substation installation (01B Leith Walk)	0	18	15-Feb-09					
1B-20-SUBS-60	Installation of TPS Equipment	30	04	04-Mar-09					
1B-20-SUBS-70	Install Telecom and Scada	15	25	15-Mar-09					
1B-20-SUBS-80	Testing and Commissioning	14	16	06-May-09					
<b>Trackwork</b>									
<b>Leith Walk Ch 350-600</b>									
<b>1st half</b>									
03	17-Jun-09	15-Sep-09	83	17-Jun-09					
1B-20F-TRCK-20	Establish Traffic Management & Temp. Fencing	2	17	17-Jun-09					
1B-20F-TRCK-30	Excavate box	2	17	19-Jun-09					
1B-20F-TRCK-40	Excavate, lay and concrete ducts	5	19	26-Jun-09					
1B-20F-TRCK-50	Excavate and construct OLE bases	8	26	08-Jul-09					
1B-20F-TRCK-70	Set Track (250m)	8	26	08-Jul-09					
1B-20F-TRCK-75	Place upper concrete and cure	11	08	23-Jul-09					
1B-20F-TRCK-80	Street Surface finishes	11	13	28-Jul-09					
<b>2nd half</b>									
1B-20G-TRCK-30	Excavate box	31	31	15-Sep-09					
1B-20G-TRCK-40	Excavate, lay and concrete ducts	5	31	10-Aug-09					
1B-20G-TRCK-70	Set Track	8	10	20-Aug-09					
1B-20G-TRCK-75	Place upper concrete and cure	11	20	04-Sep-09					
1B-20G-TRCK-80	Street Surface finishes	11	25	09-Sep-09					
1B-20G-TRCK-21	Remove fencing and Traffic Management	3	09	14-Sep-09					
<b>Foot of the Walk Ch 0-100</b>									
58	15-Dec-08	17-Mar-09	58	15-Dec-08					
<b>Phase 2</b>									
1B-20B-TRCK-20	Establish Traffic Management & Temp. Fencing	18	26	19-Feb-09					
1B-20B-TRCK-30	Excavate box	2	26	28-Jan-09					
1B-20B-TRCK-40	Excavate, lay and concrete ducts	3	29	30-Jan-09					
1B-20B-TRCK-50	Excavate and construct OLE bases	3	30	04-Feb-09					
1B-20B-TRCK-70	Set Track (50m)	3	30	04-Feb-09					
1B-20B-TRCK-75	Place upper concrete and cure	4	04	10-Feb-09					
1B-20B-TRCK-80	Street Surface finishes	4	09	13-Feb-09					
1B-20B-TRCK-21	Remove fencing and Traffic Management	3	13	18-Feb-09					
<b>Phase 1</b>									
1B-20A-TRCK-20	Establish Traffic Management & Temp. Fencing	20	15	26-Jan-09					
1B-20A-TRCK-30	Excavate box	2	15	17-Dec-08					
1B-20A-TRCK-40	Excavate, lay and concrete ducts	2	17	19-Dec-08					
1B-20A-TRCK-50	Excavate and construct OLE bases	3	19	07-Jan-09					
1B-20A-TRCK-70	Set Track (50m)	3	19	07-Jan-09					
1B-20A-TRCK-75	Place upper concrete and cure	6	07	15-Jan-09					
1B-20A-TRCK-80	Street Surface finishes	6	12	20-Jan-09					
1B-20A-TRCK-21	Remove fencing and Traffic Management	3	20	23-Jan-09					
<b>Phase 3</b>									
1B-20C-TRCK-20	Establish Traffic Management & Temp. Fencing	18	15	17-Mar-09					
1B-20C-TRCK-30	Excavate box	2	19	23-Feb-09					
1B-20C-TRCK-40	Excavate, lay and concrete ducts	2	23	25-Feb-09					
1B-20C-TRCK-50	Excavate and construct OLE bases	3	25	02-Mar-09					

Actual Work █ Critical Remaining Work █ Summary  
 Remaining Work █ Milestone ◆

Date: 23-Sep-10  
 Revision: Revision 1A (100923)  
 Checked: SCS  
 Approved: BSC

Page 11 of 43

# EDINBURGH TRAM NETWORK



23-Sep-10 11:26

Activity ID	Activity Name	Original Start Duration	Finish
1B-20C-TRCK-70	Set Track (50m)	4 02-Mar-09	06-Mar-09
1B-20C-TRCK-75	Place upper concrete and cure	4 05-Mar-09	11-Mar-09
1B-20C-TRCK-80	Street Surface finishes	3 11-Mar-09	16-Mar-09
1B-20C-TRCK-21	Remove fencing and Traffic Management	1 16-Mar-09	17-Mar-09
<b>Leith Walk Ch 100-350</b>			
63 17-Mar-09	17-Jun-09	17-Jun-09	17-Jun-09
<b>2nd half</b>			
31 01-May-09	17-Jun-09	17-Jun-09	17-Jun-09
5 01-May-09	11-May-09	11-May-09	11-May-09
8 11-May-09	21-May-09	21-May-09	21-May-09
11 21-May-09	08-Jun-09	08-Jun-09	08-Jun-09
11 27-May-09	11-Jun-09	11-Jun-09	11-Jun-09
3 11-Jun-09	16-Jun-09	16-Jun-09	16-Jun-09
1 16-Jun-09	17-Jun-09	17-Jun-09	17-Jun-09
<b>1st half</b>			
32 17-Mar-09	01-May-09	01-May-09	01-May-09
1B-20D-TRCK-20	Establish Traffic Management & Temp. Fencing	2 17-Mar-09	19-Mar-09
1B-20D-TRCK-30	Excavate box	5 19-Mar-09	26-Mar-09
1B-20D-TRCK-40	Excavate, lay and concrete ducts	8 26-Mar-09	07-Apr-09
1B-20D-TRCK-50	Excavate and construct OLE bases	8 26-Mar-09	07-Apr-09
1B-20D-TRCK-70	Set Track (250m)	11 07-Apr-09	23-Apr-09
1B-20D-TRCK-75	Place upper concrete and cure	11 13-Apr-09	28-Apr-09
1B-20D-TRCK-80	Street Surface finishes	3 28-Apr-09	01-May-09
<b>Roadworks</b>			
93 05-Aug-08	15-Dec-08	15-Dec-08	15-Dec-08
<b>Leith Walk Ch 350 - 100</b>			
31 05-Aug-08	17-Sep-08	17-Sep-08	17-Sep-08
1B-20DE-ROAD-20	Establish Traffic Management & Temp. Fencing	2 05-Aug-08	07-Aug-08
1B-20DE-ROAD-30	Excavate for new channel and kerb line / remove existing kerbs	10 07-Aug-08	21-Aug-08
1B-20DE-ROAD-40	Construct Kerb lines	13 12-Aug-08	29-Aug-08
1B-20DE-ROAD-50	Reset Gullies	13 19-Aug-08	05-Sep-08
1B-20DE-ROAD-60	Pavement Works	12 29-Aug-08	16-Sep-08
1B-20DE-ROAD-80	Street Lighting / Traffic Signals / Road Signs	7 29-Aug-08	09-Sep-08
1B-20DE-ROAD-60	Surface new channel	6 06-Sep-08	15-Sep-08
1B-20DE-ROAD-21	Remove fencing and Traffic Management	1 16-Sep-08	17-Sep-08
<b>Foot of the Walk Ch 0 - 100</b>			
31 17-Sep-08	30-Oct-08	30-Oct-08	30-Oct-08
1B-20ABC-ROAD-20	Establish Traffic Management & Temp. Fencing	2 17-Sep-08	19-Sep-08
1B-20ABC-ROAD-30	Excavate for new channel and kerb line / remove existing kerbs	10 19-Sep-08	03-Oct-08
1B-20ABC-ROAD-40	Construct Kerb lines	13 24-Sep-08	20-Oct-08
1B-20ABC-ROAD-50	Reset Gullies	13 01-Oct-08	20-Oct-08
1B-20ABC-ROAD-70	Pavement Works	12 19-Oct-08	29-Oct-08
1B-20ABC-ROAD-80	Street Lighting / Traffic Signals / Road Signs	7 19-Oct-08	22-Oct-08
1B-20ABC-ROAD-60	Surface new channel	6 20-Oct-08	28-Oct-08
1B-20ABC-ROAD-21	Remove fencing and Traffic Management	1 29-Oct-08	30-Oct-08
<b>Leith Walk Ch 350-600</b>			
31 30-Oct-08	15-Dec-08	15-Dec-08	15-Dec-08
1B-20FG-ROAD-20	Establish Traffic Management & Temp. Fencing	2 30-Oct-08	03-Nov-08
1B-20FG-ROAD-30	Excavate for new channel and kerb line / remove existing kerbs	10 03-Nov-08	17-Nov-08
1B-20FG-ROAD-40	Construct Kerb lines	13 06-Nov-08	25-Nov-08
1B-20FG-ROAD-50	Reset Gullies	13 12-Nov-08	03-Dec-08
1B-20FG-ROAD-70	Pavement Works	12 25-Nov-08	12-Dec-08
1B-20FG-ROAD-80	Street Lighting / Traffic Signals / Road Signs	7 25-Nov-08	05-Dec-08

23-Sep-10 11:26

Page 12 of 43

Approved

Checked SCS

Revision 1A (100923)

Revision BSC

Actual Work

Remaining Work

Critical Remaining Work

Milestone

Summary

Programme Revision 1A (100923)

**EDINBURGH TRAM NETWORK**



Civil 23-Sep-10 11:29

Activity ID	Activity Name	Original Start Duration	Finish
1B-20FC-ROAD-60	Surface new channel	6 03-Dec-08	11-Dec-08
1B-20FC-ROAD-21	Remove fencing and Traffic Management	1 12-Dec-08	15-Dec-08
<b>Balfour Street (line) to MacDonald Road (arc)</b>			
Design		6 10 30-Jun-09	15-Sep-10
1B-19-TRMS-10	Issue Construction Drawings Transport	0	30-Jun-08
1B-19-TRCK-10	Issue Construction Drawings Trackwork	0	07-Jul-09
1B-19-ROAD-10	Issue Construction Drawings Roadworks	0	07-Jul-09
Trackwork		3 10 15-Sep-09	15-Dec-10
<b>Billing / Iona Street Ch 650 to 350</b>			
2nd half		89 12-Mar-10	20-Jul-10
1B-19D-TRCK-30	Excavate box	19 23-Jun-10	20-Jul-10
1B-19D-TRCK-40	Excavate, lay and concrete ducts	2 23-Jun-10	24-Jun-10
1B-19D-TRCK-70	Set Track	3 25-Jun-10	29-Jun-10
1B-19D-TRCK-75	Place upper concrete and cure	3 02-Jul-10	07-Jul-10
1B-19D-TRCK-80	Street Surface finishes	5 07-Jul-10	14-Jul-10
1B-19D-TRCK-21	Remove fencing and Traffic Management	3 14-Jul-10	19-Jul-10
1st half		1 19-Jul-10	20-Jul-10
1B-19C-TRCK-20	Establish Traffic Management & Temp. Fencing	70 12-Mar-10	22-Jun-10
1B-19C-TRCK-30	Excavate box	2 12-Mar-10	16-Mar-10
1B-19C-TRCK-40	Excavate, lay and concrete ducts	2 16-Mar-10	18-Mar-10
1B-19C-TRCK-50	Excavate and construct OLE bases	3 18-Mar-10	23-Mar-10
1B-19C-TRCK-70	Set Track (100m)	3 18-Mar-10	23-Mar-10
1B-19C-TRCK-80	Place upper concrete and cure	3 03-Jun-10	10-Jun-10
1B-19C-TRCK-21	Street Surface finishes	5 11-Jun-10	17-Jun-10
3 18-Jun-10	22-Jun-10		
<b>Balfour Street Ch 600-550</b>			
1st half		1 17 15-Sep-09	15-Mar-10
1B-19A-TRCK-20	Establish Traffic Management & Temp. Fencing	58 15-Sep-09	07-Dec-09
1B-19A-TRCK-30	Excavate box	2 15-Sep-09	17-Sep-09
1B-19A-TRCK-40	Excavate, lay and concrete ducts	5 17-Sep-09	24-Sep-09
1B-19A-TRCK-50	Excavate and construct OLE bases	8 24-Sep-09	06-Oct-09
1B-19A-TRCK-70	Set Track (250m)	8 24-Sep-09	06-Oct-09
1B-19A-TRCK-75	Place upper concrete and cure	11 11-Nov-09	26-Nov-09
1B-19A-TRCK-80	Street Surface finishes	11 16-Nov-09	02-Dec-09
3 02-Dec-09	07-Dec-09		
2nd half		59 07-Dec-09	12-Mar-10
1B-19B-TRCK-30	Excavate box	2 07-Dec-09	09-Dec-09
1B-19B-TRCK-40	Excavate, lay and concrete ducts	8 09-Dec-09	04-Jan-10
1B-19B-TRCK-70	Set Track (250m)	11 16-Feb-10	03-Mar-10
1B-19B-TRCK-75	Place upper concrete and cure	11 19-Feb-10	08-Mar-10
1B-19B-TRCK-80	Street Surface finishes	3 08-Mar-10	11-Mar-10
1B-19B-TRCK-21	Remove fencing and Traffic Management	1 11-Mar-10	12-Mar-10
<b>McDonald / Brunswick Road Ch 950-750</b>			
1st half		04 20-Jul-10	15-Dec-10
1B-19E-TRCK-20	Establish Traffic Management & Temp. Fencing	58 20-Jul-10	08-Oct-10
1B-19E-TRCK-30	Excavate box	2 20-Jul-10	22-Jul-10
1B-19E-TRCK-40	Excavate, lay and concrete ducts	6 22-Jul-10	30-Jul-10
1B-19E-TRCK-50	Excavate, lay and concrete ducts	9 30-Jul-10	13-Aug-10
9 30-Jul-10	13-Aug-10		

23-Sep-10 Revision 1A (100923) SCS Checked BSC Approved

Page 13 of 43

Actual Work Remaining Work Critical Remaining Work Milestone Summary

**EDINBURGH TRAM NETWORK**

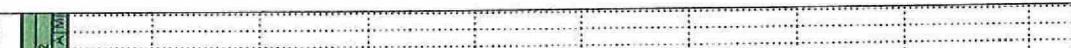
Activity ID	Activity Name	Original Start Duration	Finish	2008	2009	2010	2011	2012
1B-19E-TRCK-70	Set Track (300m)	13 14-Sep-10	30-Sep-10					
1B-19E-TRCK-75	Place upper concrete and cure	13 17-Sep-10	05-Oct-10					
1B-19E-TRCK-80	Street Surface finishes	3 06-Oct-10	09-Oct-10					
2nd half		46 11-Oct-10	15-Dec-10					
1B-19F-TRCK-20	Excavate box	6 11-Oct-10	18-Oct-10					
1B-19F-TRCK-30	Excavate, lay and concrete ducts	9 19-Oct-10	29-Oct-10					
1B-19F-TRCK-70	Set Track	13 16-Nov-10	06-Dec-10					
1B-19F-TRCK-75	Place upper concrete and cure	13 19-Nov-10	09-Dec-10					
1B-19F-TRCK-80	Street Surface finishes	3 09-Dec-10	14-Dec-10					
1B-19F-TRCK-21	Remove fencing and Traffic Management	1 14-Dec-10	15-Dec-10					
Leith Walk Railway Bridge (STB)		0 15-Sep-09	15-Sep-09					
1B-19-S18-100	Existing Structure	0	15-Sep-09					
<b>Roadworks</b>								
McDonald / Brunswick Road Ch 950-1250								
1B-19EF-ROAD-20	Establish Traffic Management & Temp. Fencing	2 25-Mar-09	18-May-09					
1B-19EF-ROAD-30	Excavate for new channel and kerb line / remove existing kerbs	12 27-Mar-09	15-Apr-09					
1B-19EF-ROAD-40	Construct Kerb lines	15 01-Apr-09	23-Apr-09					
1B-19EF-ROAD-50	Reset Gullies	15 08-Apr-09	30-Apr-09					
1B-19EF-ROAD-70	Pavement Works	15 23-Apr-09	15-May-09					
1B-19EF-ROAD-80	Street Lighting / Traffic Signals / Road Signs	7 23-Apr-09	05-May-09					
1B-19EF-ROAD-90	Surface new channel	9 30-Apr-09	14-May-09					
1B-19EF-ROAD-21	Remove fencing and Traffic Management	1 15-May-09	15-May-09					
<b>Balloon Street Ch 668-550</b>								
1B-19AB-ROAD-20	Establish Traffic Management & Temp. Fencing	3 1 15-Dec-08	18-Feb-09					
1B-19AB-ROAD-30	Excavate for new channel and kerb line / remove existing kerbs	10 17-Dec-08	14-Jan-09					
1B-19AB-ROAD-40	Construct Kerb lines	13 05-Jan-09	22-Jan-09					
1B-19AB-ROAD-50	Reset Gullies	13 12-Jan-09	29-Jan-09					
1B-19AB-ROAD-70	Pavement Works	12 22-Jan-09	09-Feb-09					
1B-19AB-ROAD-80	Street Lighting / Traffic Signals / Road Signs	7 22-Jan-09	02-Feb-09					
1B-19AB-ROAD-90	Surface new channel	6 29-Jan-09	06-Feb-09					
1B-19AB-ROAD-21	Remove fencing and Traffic Management	1 09-Feb-09	10-Feb-09					
<b>Phig / Bona Street Ch 520-590</b>								
1B-19CD-ROAD-20	Establish Traffic Management & Temp. Fencing	2 10-Feb-09	12-Feb-09					
1B-19CD-ROAD-30	Excavate for new channel and kerb line / remove existing kerbs	10 12-Feb-09	28-Feb-09					
1B-19CD-ROAD-40	Construct Kerb lines	13 17-Feb-09	05-Mar-09					
1B-19CD-ROAD-50	Reset Gullies	13 24-Feb-09	13-Mar-09					
1B-19CD-ROAD-70	Pavement Works	12 06-Mar-09	24-Mar-09					
1B-19CD-ROAD-80	Street Lighting / Traffic Signals / Road Signs	7 06-Mar-09	17-Mar-09					
1B-19CD-ROAD-90	Surface new channel	6 13-Mar-09	23-Mar-09					
1B-19CD-ROAD-21	Remove fencing and Traffic Management	1 24-Mar-09	25-Mar-09					
<b>Balloon Street Tram Stop</b>								
1B-19-TRMS-90	Civil Engineering And Building Works	105 17-Sep-09	28-Feb-10					
1B-19-TRMS-20	Order REC Supply	65 17-Sep-09	18-Dec-09					
1B-19-TRMS-30	Access for visual inspection for E&M Train Stop installation (01B Balloon Street)	0 01-Oct-09	0 27-Oct-09					
1B-19-TRMS-40	Deliver and Install Shelter	10 12-Nov-09	26-Nov-09					
1B-19-TRMS-50	Install LV Power Supply and LV Power Equipment	25 26-Nov-09	15-Jan-10					

Page 14 of 43

Actual Work █ Remaining Work █ Critical Remaining Work █ Milestone ◆

Approved █ Checked █ SCS █ ESC

Date 23-Sep-10 Revison 1A (100923)





# EDINBURGH TRAM NETWORK

Activity ID	Activity Name	Original Start	Original Duration	Finish
1B-19-TRMS-31	Access for EAM Tram Stop installation (01B Balfour Street)	0 25-Nov-09		
1B-19-TRMS-70	Install Telecom Equipment	20 15-Jan-10		12-Feb-10
1B-19-TRMS-60	Install Station Control Equipment + AFC Equipment	25 15-Jan-10		16-Feb-10
1B-19-TRMS-80	Package Test Tramstop	5 19-Feb-10		26-Feb-10
<b>01C McDonald Road (Inc) to Dryness Street (West) (exc)</b>				
01C-18-TRMS-30	Access for visual inspection for EAM wayside installation (01C)	890 27-Aug-08		20-Jun-11
<b>E &amp; M Installations</b>				
1C-18-TRMS-30	Access for visual inspection for EAM wayside installation (01C)	106 27-Aug-08		06-Apr-11
1C-18-TRMS-50	Installation of poles and building fittings	0 27-Oct-10		
1C-18-TRMS-31	Access for EAM wayside installation (01C)	15 29-Nov-10		27-Jan-11
1C-18-TRMS-50	Access for visual inspection to cable pits for cable laying (01C)	0 29-Nov-10		
1C-18-TRMS-60	Overhead Catenary Line	0 12-Jan-11		
1C-18-TRMS-70	Install Electrical Cables	36 27-Jan-11		18-Mar-11
1C-18-TRMS-80	Install Fibre Optic Cables	20 10-Feb-11		10-Mar-11
1C-18-TRMS-31	Access to cable pits for cable laying (01C)	0 10-Feb-11		
1C-18-TRMS-50	Install Signalling Wayside Equipment	0 10-Mar-11		08-Apr-11
<b>McDonald Road (Inc) to Picardy Place (exc)</b>				
01C-18-TRMS-30	Access for visual inspection for EAM Tram Stop installation (01C)	526 27-Aug-08		14-Oct-10
<b>Design</b>				
1C-18-TRMS-10	Issue Construction Drawings Tramstop	0 27-Aug-08		27-Aug-08
1C-18-TRMS-20	Issue Construction Drawings Trackwork	0 27-Aug-08		27-Aug-08
1C-18-TRMS-30	Issue Construction Drawings Roadworks	0 27-Aug-08		27-Aug-08
<b>McDonald Road Tram Stop</b>				
1C-18-TRMS-90	Civil Engineering And Building Works	143 22-Jul-09		23-Feb-10
1C-18-TRMS-20	Order REC Supply	65 22-Jul-09		24-Nov-09
1C-18-TRMS-30	Access for visual inspection for EAM Tram Stop installation (01C McDonald Road)	0 05-Oct-09		
<b>London Road Ch 375-450</b>				
1C-18-TRMS-40	Deliver and Install Shelter	10 21-Oct-09		03-Nov-09
1C-18-TRMS-50	Install LV Power Supply and LV Power Equipment	25 04-Nov-09		12-Jan-10
1C-18-TRMS-31	Access for EAM Tram Stop installation (01C McDonald Road)	0 04-Nov-09		
1C-18-TRMS-70	Install Telecom Equipment	20 13-Jan-10		09-Feb-10
1C-18-TRMS-60	Install Station Control Equipment + AFC Equipment	25 13-Jan-10		16-Feb-10
1C-18-TRMS-80	Package Test Tramstop	5 17-Feb-10		23-Feb-10
<b>Trackworks</b>				
1C-18-TRMS-30	Access for visual inspection for EAM Tram Stop installation (01C McDonald Road)	305 22-Jul-09		14-Oct-10
<b>London Road Ch 375-450</b>				
1C-180-TRCK-20	Excavate box	66 12-Jul-10		14-Oct-10
1C-180-TRCK-30	Excavate, lay and concrete ducts	16 22-Sep-10		14-Oct-10
1C-180-TRCK-40	Set Track	2 22-Sep-10		24-Sep-10
1C-180-TRCK-70	Place upper concrete and cure	3 24-Sep-10		29-Sep-10
1C-180-TRCK-50	Street Surface Finishes	4 29-Sep-10		05-Oct-10
1C-180-TRCK-21	Remove fencing and Traffic Management	4 04-Oct-10		08-Oct-10
1C-180-TRCK-20	Establish Traffic Management & Temp. Fencing	3 08-Oct-10		13-Oct-10
1C-180-TRCK-30	Excavate box	1 13-Oct-10		14-Oct-10
1C-180-TRCK-40	Excavate, lay and concrete ducts	50 12-Jul-10		22-Sep-10
1C-180-TRCK-50	Excavate and construct OLE bases	2 12-Jul-10		14-Jul-10
1C-180-TRCK-60	Set Track (300m)	2 14-Jul-10		16-Jul-10
1C-180-TRCK-70	Place upper concrete and cure	3 16-Jul-10		21-Jul-10
1C-180-TRCK-20	Establish Traffic Management & Temp. Fencing	3 16-Jul-10		21-Jul-10
1C-180-TRCK-30	Excavate box	3 16-Jul-10		21-Jul-10
1C-180-TRCK-40	Excavate, lay and concrete ducts	3 16-Jul-10		21-Jul-10
1C-180-TRCK-50	Excavate and construct OLE bases	3 16-Jul-10		21-Jul-10
1C-180-TRCK-60	Set Track (300m)	4 08-Sep-10		14-Sep-10
1C-180-TRCK-70	Place upper concrete and cure	4 10-Sep-10		17-Sep-10

23-Sep-10 11:26

Page 15 of 43

Actual Work Remaining Work Critical Remaining Work

Summary

Revision 1A (100923)

Checked SCS BSC Approved

# EDINBURGH TRAM NETWORK

Activity ID	Activity Name	Original Start	Original Duration	Finish
1C-18C-TRCK-80	Street Surface Finishes	3	17	22-Sep-10
<b>Leith Walk Ch 0-375</b>				
1st Half (Dummy)		239	22-Jul-09	12-Jul-10
1C-18A-TRCK-20	Establish Traffic Management & Temp. Fencing	2	22-Jul-09	23-Jan-10
1C-18A-TRCK-30	Excavate box	8	24-Jul-09	08-Sep-09
1C-18A-TRCK-40	Excavate, lay and concrete ducts	11	09-Sep-09	23-Sep-09
1C-18A-TRCK-50	Excavate and construct OLE bases	11	09-Sep-09	23-Sep-09
1C-18A-TRCK-70	Set Track (375m)	15	26-Nov-09	21-Jan-10
1C-18A-TRCK-75	Place upper concrete and cure	15	05-Jan-10	26-Jan-10
1C-18A-TRCK-80	Street Surface Finishes	3	26-Jan-10	29-Jan-10
2nd Half (Dummy)		114	29-Jan-10	12-Jul-10
1C-18B-TRCK-30	Excavate box	8	29-Jan-10	10-Feb-10
1C-18B-TRCK-40	Excavate, lay and concrete ducts	11	10-Feb-10	25-Feb-10
1C-18B-TRCK-70	Set Track (375m)	15	10-Jan-10	01-Jul-10
1C-18B-TRCK-75	Place upper concrete and cure	15	15-Jun-10	06-Jul-10
1C-18B-TRCK-80	Street Surface Finishes	3	05-Jul-10	09-Jul-10
1C-18B-TRCK-21	Remove fencing and Traffic Management	1	09-Jul-10	12-Jul-10
<b>Roadworks</b>				
174	31-Oct-08	21-Jul-09		
94	31-Oct-08	26-Mar-09		
1C-18AB-ROAD-100	Dummy	80	31-Oct-08	26-Mar-09
London Road Ch 375-450		80	27-Mar-09	21-Jul-09
1C-18CD-ROAD-100	Dummy	80	27-Mar-09	21-Jul-09
<b>Picardy Place (Inch 10 St. Andrews Square) (6x6)</b>				
626	25-Nov-08	23-Jun-11		
Design		0	25-Nov-08	25-Nov-08
1C-17-TRCK-10	Issue Construction Drawings Trackwork	0	25-Nov-08	25-Nov-08
1C-17-TRMS-10	Issue Construction Drawings Tramstop	0	25-Nov-08	25-Nov-08
1C-17-ROAD-10	Issue Construction Drawings Roadworks	0	25-Nov-08	25-Nov-08
<b>Trackworks</b>				
184	24-May-10	23-Feb-11		
Picardy Place Ch. 450-700		100	21-Sep-10	23-Feb-11
<b>Phase 6</b>				
58	18-Nov-10	23-Feb-11		
1C-17E-TRCK-20	Establish Traffic Management & Temp. Fencing	2	18-Nov-10	22-Nov-10
1C-17E-TRCK-30	Excavate box	6	23-Nov-10	30-Nov-10
1C-17E-TRCK-40	Excavate, lay and concrete ducts	9	30-Nov-10	20-Jan-11
1C-17E-TRCK-50	Excavate and construct OLE bases	9	30-Nov-10	20-Jan-11
1C-17E-TRCK-70	Set Track (150m)	17	20-Jan-11	14-Feb-11
1C-17E-TRCK-75	Place upper concrete and cure	17	25-Jan-11	17-Feb-11
1C-17E-TRCK-80	Street Surface Finishes	3	17-Feb-11	22-Feb-11
1C-17E-TRCK-21	Remove fencing and Traffic Management	1	22-Feb-11	23-Feb-11
<b>Phase 3</b>				
35	21-Sep-10	09-Nov-10		
1st Half (Dummy)		17	22-Sep-10	14-Oct-10
1C-17C-TRCK-20	Establish Traffic Management & Temp. Fencing	2	21-Sep-10	23-Sep-10
1C-17C-TRCK-30	Excavate box	2	23-Sep-10	27-Sep-10
1C-17C-TRCK-40	Excavate, lay and concrete ducts	3	27-Sep-10	30-Sep-10
1C-17C-TRCK-50	Excavate and construct OLE bases	3	27-Sep-10	30-Sep-10
1C-17C-TRCK-70	Set Track (100m)	4	30-Sep-10	06-Oct-10
1C-17C-TRCK-75	Place upper concrete and cure	4	05-Oct-10	11-Oct-10

Page 16 of 43

Actual Work █ Critical Remaining Work █ Summary █  
 Remaining Work █ Milestone ◆

Date: 23-Sep-10  
 Revision: Revision 1A (100923)  
 Checked: SCS  
 Approved: BSC

Activity ID	Activity Name	Original Start Duration	Finish	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
1C-17C-TRCK-80	Street Surface Finishes	3	11-Oct-10	14-Oct-10									
2nd Half (Dummy)		10	14-Oct-10	05-Nov-10									
1C-17D-TRCK-30	Excavate box	2	14-Oct-10	18-Oct-10									
1C-17D-TRCK-40	Excavate, lay and concrete ducts	3	18-Oct-10	21-Oct-10									
1C-17D-TRCK-70	Set Track	4	21-Oct-10	27-Oct-10									
1C-17D-TRCK-75	Place upper concrete and cure	4	26-Oct-10	03-Nov-10									
1C-17D-TRCK-80	Street Surface Finishes	3	03-Nov-10	08-Nov-10									
1C-17D-TRCK-21	Remove fencing and Traffic Management	1	08-Nov-10	09-Nov-10									
York Place Ch 700-850		96	24-May-10	07-Oct-10									
1C-17H-TRCK-100	Dummy	44	24-May-10	26-Jun-10									
1C-17H-TRCK-20	Establish Traffic Management & Temp. Fencing	2	24-May-10	25-May-10									
1C-17H-TRCK-30	Excavate box	6	26-May-10	04-Jun-10									
1C-17H-TRCK-40	Excavate, lay and concrete ducts	9	04-Jun-10	17-Jun-10									
1C-17H-TRCK-50	Excavate and construct OLE bases	9	17-Jun-10	30-Jun-10									
1C-17H-TRCK-70	Set Track (150m)	12	10-Sep-10	28-Sep-10									
1C-17H-TRCK-75	Place upper concrete and cure	12	15-Sep-10	01-Oct-10									
1C-17H-TRCK-80	Street Surface Finishes	3	01-Oct-10	05-Oct-10									
1C-17H-TRCK-21	Remove fencing and Traffic Management	1	06-Oct-10	07-Oct-10									
York Place Ch 850-1000		84	05-Oct-10	18-Jan-11									
1C-17A-TRCK-100	Dummy	44	05-Oct-10	17-Jan-11									
1C-17A-TRCK-20	Establish Traffic Management & Temp. Fencing	2	05-Oct-10	07-Oct-10									
1C-17A-TRCK-30	Excavate box	6	07-Oct-10	15-Oct-10									
1C-17A-TRCK-40	Excavate, lay and concrete ducts	9	15-Oct-10	28-Oct-10									
1C-17A-TRCK-50	Excavate and construct OLE bases	9	28-Oct-10	12-Nov-10									
1C-17A-TRCK-70	Set Track (150m)	12	12-Nov-10	30-Nov-10									
1C-17A-TRCK-75	Place upper concrete and cure	12	17-Nov-10	12-Jan-11									
1C-17A-TRCK-80	Street Surface Finishes	3	12-Jan-11	17-Jan-11									
1C-17A-TRCK-21	Remove fencing and Traffic Management	1	17-Jan-11	18-Jan-11									
Pleary Place Tram Stop		124	21-Sep-10	25-Mar-11									
1C-17-TRMS-90	Civil Engineering And Building Works	65	21-Sep-10	01-Feb-11									
1C-17-TRMS-20	Order REC Supply	0	06-Oct-10										
1C-17-TRMS-40	Deliver and Install Shelter	10	18-Nov-10	11-Jan-11									
1C-17-TRMS-30	Access for visual inspection for EXM Tram Stop installation (OTC Pleary Place)	0	13-Dec-10										
1C-17-TRMS-50	Install LV Power Supply and LV Power Equipment	25	11-Jan-11	15-Feb-11									
1C-17-TRMS-31	Access for EXM Tram Stop installation (OTC Pleary Place)	0	11-Jan-11										
1C-17-TRMS-70	Install Telecom Equipment	20	16-Feb-11	15-Mar-11									
1C-17-TRMS-60	Install Station Control Equipment + AFC Equipment	25	16-Feb-11	22-Mar-11									
1C-17-TRMS-80	Package Test Tramstop	5	23-Mar-11	29-Mar-11									
Roadworks		364	23-May-10	20-Jun-11									
Pleary Place Ch 450-700		264	24-May-10	20-Jun-11									
Phase 6		40	21-Apr-11	20-Jun-11									
1C-17C-ROAD-100	Dummy	40	21-Apr-11	20-Jun-11									
Phase 4		57	16-Nov-10	25-Feb-11									
1C-17E-ROAD-100	Dummy	40	18-Nov-10	23-Feb-11									
Phase 1		20	24-May-10	22-Jun-10									
1C-17A-ROAD-100	Dummy	20	24-May-10	22-Jun-10									

Page 17 of 43

Actual Work Remaining Work Critical Remaining Work Summary

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Date: 23-Sep-10

Revision: Revision 1A (100923)

# EDINBURGH TRAM NETWORK

23-Sep-10 11:26

Activity ID	Activity Name	Original Start	Original Duration	Finish	2006	2009	2010	2011	2012
Phase 5									
1C-17F-ROAD-100	Dummy	20-Feb-11	40	21-Apr-11					
Phase 3									
1C-17D-ROAD-100	Dummy	20-Feb-11	40	21-Apr-11					
Phase 2									
1C-17B-ROAD-100	Dummy	21-Sep-10	42	18-Nov-10					
1C-17A-ROAD-100	Dummy	21-Sep-10	40	18-Nov-10					
York Place Ch 700-850									
Phase 2									
1C-17H-ROAD-100	Dummy	04-Dec-10	94	27-May-11					
Phase 1									
1C-17G-ROAD-100	Dummy	20-Sep-10	20	07-Sep-10					
1C-17I-ROAD-100	Dummy	07-Sep-10	20	07-Sep-10					
1C-17J-ROAD-100	Dummy	07-Sep-10	74	24-May-10					
York Place Ch 850-1000									
Phase 2									
1C-17K-ROAD-100	Dummy	05-Oct-10	50	24-May-10					
Phase 1									
1C-17L-ROAD-100	Dummy	05-Oct-10	59	05-Oct-10					
Cathedral Substation									
1C-17-SUBS-20	Order REC supply from Scottish Power	0 28-Jul-10	175	25-Jun-11					
1C-17-SUBS-80	Civil Engineering and Building Works	65 21-Sep-10	65	21-Sep-10					
1C-17-SUBS-30	Access for visual inspection for E&M substation installation (OTC Cathedral)	0 19-Oct-10	0	19-Oct-10					
1C-17-SUBS-40	Power Infeed from Public Net available inc HV cable	0 18-Nov-10	0	18-Nov-10					
1C-17-SUBS-50	Install LV Power Supply and LV Power Equipment	15 18-Nov-10	15	18-Nov-10					
1C-17-SUBS-31	Access for E&M substation installation (OTC Cathedral)	0 18-Nov-10	0	18-Nov-10					
1C-17-SUBS-60	Installation of TPS Equipment	30 11-Jan-11	30	11-Jan-11					
1C-17-SIG-50	Installation of SIG-interlocking cubicle	10 11-Jan-11	10	11-Jan-11					
1C-17-SUBS-70	Install Telecom and Scada	15 01-Feb-11	15	01-Feb-11					
1C-17-SUBS-80	Testing and Commissioning	14 22-Feb-11	14	22-Feb-11					
1C-17-SIG-80	Commissioning of SIG - interlocking cubicle	5 08-Apr-11	5	08-Apr-11					
St. Andrews Square (inc. to Princes Street West (exc.))									
Design									
1C-16-TRCK-10	Issue Construction Drawings Trackwork	0 27-Aug-08	649	27-Aug-08					
1C-16-TRCK-10	Issue Construction Drawings Roadworks	0 27-Aug-08	0	27-Aug-08					
1C-16-TRMS-10	Issue Construction Drawings SAS Tramstop	0 27-Aug-08	0	27-Aug-08					
1C-16A-TRMS-10	Issue Construction Drawings PSW Tramstop	0 27-Aug-08	0	27-Aug-08					
Trackworks									
1C-16-TRCK-100	St Andrews Square to Waverley Bridge Ch 1000-1360	85 10-Feb-10	85	10-Feb-10					
1C-16-TRCK-20	Dummy	50 10-Feb-10	50	10-Feb-10					
1C-16-TRCK-30	Excavate box	2 10-Feb-10	2	10-Feb-10					
1C-16-TRCK-40	Excavate, lay and concrete ducts	15 12-Feb-10	15	12-Feb-10					
1C-16-TRCK-50	Excavate and construct OLE bases	22 07-Apr-10	22	07-Apr-10					
1C-16-TRCK-70	Set Track (360m)	26 26-Apr-10	26	26-Apr-10					
1C-16-TRCK-75	Phase upper concrete and cure	26 29-Apr-10	26	29-Apr-10					
1C-16-TRCK-80	Street Surface finishes	3 08-Jun-10	3	08-Jun-10					
1C-16-TRCK-21	Remove fencing and Traffic Management	1 11-Jun-10	1	11-Jun-10					
Roadworks									
1C-16-TRCK-100	Remove fencing and Traffic Management	50 10-Feb-10	50	10-Feb-10					

Page 18 of 43

Legend:   
 Actual Work   
 Remaining Work   
 Critical Remaining Work   
 Milestone   
 Summary

Date: 23-Sep-10  
 Revision: 1A (100923)  
 Checked: SCS  
 Approved: BSC



**EDINBURGH TRAM NETWORK**

Activity ID	Activity Name	Original Start	Original Duration	Finish
1D-158C-ROAD-40	Relay North kerbs	06-Feb-09	5	13-Feb-09
1D-158C-ROAD-50	Reset Gullies	09-Feb-09	5	15-Feb-09
1D-158C-ROAD-70	Pavement (1m strip)	13-Feb-09	5	20-Feb-09
1D-158C-ROAD-83	Street Lighting / Road signs	13-Feb-09	7	24-Feb-09
1D-158C-ROAD-62	Plane out wearing course	16-Feb-09	2	18-Feb-09
1D-158C-ROAD-60	Resurface road	08-Apr-09	3	14-Apr-09
1D-158C-ROAD-82	White Lines	14-Apr-09	1	15-Apr-09
1D-158C-ROAD-21	Remove fencing and Traffic Management	15-Apr-09	1	16-Apr-09
Phase 4a				
1D-151-ROAD-20	Establish Traffic Management & Temp. Fencing	21-Oct-09	47	21-Oct-09
1D-151-ROAD-30	Excavate for new kerb lines & channel	21-Oct-09	2	23-Oct-09
1D-151-ROAD-40	Lay new kerbs	23-Oct-09	4	29-Oct-09
1D-151-ROAD-50	Reset Gullies	28-Oct-09	4	30-Oct-09
1D-151-ROAD-70	Pavement	27-Oct-09	4	02-Nov-09
1D-151-ROAD-60	Surface new channels	02-Nov-09	25	30-Oct-09
1D-151-ROAD-90	Rebuild Traffic Islands	06-Nov-09	4	06-Nov-09
1D-151-ROAD-80	Street Lighting / Road signs	05-Nov-09	15	20-Nov-09
1D-151-ROAD-21	Remove fencing and Traffic Management	20-Nov-09	5	27-Nov-09
Phase 3				
1D-150-ROAD-20	Establish Traffic Management & Temp. Fencing	05-Jan-10	14	16-Apr-09
1D-150-ROAD-30	Excavate South kerblines	16-Apr-09	2	20-Apr-09
1D-150-ROAD-40	Relay South kerbs	20-Apr-09	2	22-Apr-09
1D-150-ROAD-50	Reset Gullies	21-Apr-09	4	27-Apr-09
1D-150-ROAD-70	Pavement (1m strip)	22-Apr-09	4	28-Apr-09
1D-150-ROAD-83	Street Lighting / Road signs	27-Apr-09	6	03-May-09
1D-150-ROAD-62	Plane out wearing course	28-Apr-09	1	28-Apr-09
1D-150-ROAD-60	Resurface road	29-Apr-09	3	05-May-09
1D-150-ROAD-82	White Lines	05-May-09	1	06-May-09
1D-150-ROAD-21	Remove fencing and Traffic Management	07-May-09	1	08-May-09
Phase 1				
1D-15A-ROAD-20	Establish Traffic Management & Temp. Fencing	05-Jan-09*	21	05-Feb-09
1D-15A-ROAD-31	Take down permanent traffic signs / signals	07-Jan-09	2	07-Jan-09
1D-15A-ROAD-30	Excavate traffic islands	14-Jan-09	5	14-Jan-09
1D-15A-ROAD-33	Subbase	19-Jan-09	3	19-Jan-09
1D-15A-ROAD-61	Temporary surfacing	21-Jan-09	3	26-Jan-09
1D-15A-ROAD-81	Temporary Traffic signals / signs / white lines	25-Jan-09	5	02-Feb-09
1D-15A-ROAD-21	Remove fencing and Traffic Management	02-Feb-09	1	03-Feb-09
Princes Street Ch 280-4, 980-1560			251	03-Feb-09
South Channel			251	03-Feb-09
1D-1516-ROAD-20S	Establish Traffic Management & Temp. Fencing	05-Feb-09	2	05-Feb-09
1D-1516-ROAD-30S	Excavate South kerblines	05-Feb-09	19	04-Mar-09
1D-1516-ROAD-40S	Relay South kerbs	12-Feb-09	43	22-Apr-09
1D-1516-ROAD-50S	Reset Gullies	19-Feb-09	48	29-Apr-09
1D-1516-ROAD-70S	Pavement (1m strip)	19-Feb-09	48	29-Apr-09
1D-1516-ROAD-81S	Street Lighting / Road signs	22-Apr-09	5	29-Apr-09
1D-1516-ROAD-61S	Plane out wearing course	29-Apr-09	10	14-May-09

█ Actual Work   
 █ Critical Remaining Work   
 █ Remaining Work   
 ◆ Milestone   
 ▶ Summary

Date: 23-Sep-10    Revision: Revision 1A (100923)    Checked: SCS    Approved: BSC

Page 20 of 43

**EDINBURGH TRAM NETWORK**

Activity ID	Activity Name	Original Start	Original Duration	Finish	2008	2009	2010	2011	2012
1D-15/16-ROAD-60S	Resurface road	30 15-Nov-09		04-Feb-10					
1D-15/16-ROAD-80S	White Lines	1 04-Feb-10		05-Feb-10					
1D-15/16-ROAD-21S	Remove fencing and Traffic Management	3 05-Feb-10		10-Feb-10					
<b>North Channel</b>									
1D-15/16-ROAD-20N	Establish Traffic Management & Temp. Fencing	29 03-Feb-09		28-May-09					
1D-15/16-ROAD-30N	Excavate North kerblie	2 03-Feb-09		05-Feb-09					
1D-15/16-ROAD-40N	Rebay North kerbs	19 05-Feb-09		04-Mar-09					
1D-15/16-ROAD-50N	Rebay North kerbs	48 12-Feb-09		22-Apr-09					
1D-15/16-ROAD-70N	Rebay North kerbs	48 19-Feb-09		29-Apr-09					
1D-15/16-ROAD-31N	Pavement (1m strip)	48 19-Feb-09		29-Apr-09					
1D-15/16-ROAD-61N	Street Lighting / Road signs	5 22-Apr-09		29-Apr-09					
1D-15/16-ROAD-60N	Place out wearing course	10 29-Apr-09		14-May-09					
1D-15/16-ROAD-60N	Resurface road	7 14-May-09		26-May-09					
1D-15/16-ROAD-60N	White Lines	1 26-May-09		27-May-09					
1D-15/16-ROAD-21N	Remove fencing and Traffic Management	1 27-May-09		22-May-09					
<b>Trackworks (710m)</b>									
153	Lothian Road Junction Ch.440-280	03-Feb-09		05-Feb-10					
<b>Phase 2</b>									
153	Lothian Road Junction Ch.440-280	03-Feb-09		21-Oct-09					
45	02-Feb-09			09-Apr-09					
17	05-Feb-09			25-Feb-09					
<b>1st half</b>									
1D-15B-TRCK-20	Establish Traffic Management & Temp. Fencing	2 05-Feb-09		05-Feb-09					
1D-15B-TRCK-30	Excavate box	2 05-Feb-09		09-Feb-09					
1D-15B-TRCK-40	Excavate, lay and concrete ducts	3 09-Feb-09		12-Feb-09					
1D-15B-TRCK-50	Excavate and construct OLE bases	3 09-Feb-09		12-Feb-09					
1D-15B-TRCK-70	Set Track (100m)	4 12-Feb-09		18-Feb-09					
1D-15B-TRCK-75	Place upper concrete and cure	4 17-Feb-09		23-Feb-09					
1D-15B-TRCK-80	Street Surface finishes	3 23-Feb-09		26-Feb-09					
<b>2nd half</b>									
1D-15C-TRCK-30	Excavate box	31 20-Feb-09		09-Apr-09					
1D-15C-TRCK-40	Excavate, lay and concrete ducts	2 26-Feb-09		02-Mar-09					
1D-15C-TRCK-70	Set Track (100m)	4 25-Mar-09		31-Mar-09					
1D-15C-TRCK-75	Place upper concrete and cure	4 30-Mar-09		03-Apr-09					
1D-15C-TRCK-80	Street Surface finishes	3 03-Apr-09		08-Apr-09					
1D-15C-TRCK-21	Remove fencing and Traffic Management	1 08-Apr-09		09-Apr-09					
<b>Phase 4</b>									
69	25-Jun-09			21-Oct-09					
<b>1st half</b>									
1D-15G-TRCK-20	Establish Traffic Management & Temp. Fencing	2 25-Jun-09		30-Jun-09					
1D-15G-TRCK-30	Excavate box	1 30-Jun-09		01-Jul-09					
1D-15G-TRCK-40	Excavate, lay and concrete ducts	2 01-Jul-09		03-Jul-09					
1D-15G-TRCK-50	Excavate and construct OLE bases	2 01-Jul-09		03-Jul-09					
1D-15G-TRCK-70	Set Track (30m)	4 17-Sep-09		23-Sep-09					
1D-15G-TRCK-75	Place upper concrete and cure	4 22-Sep-09		29-Sep-09					
1D-15G-TRCK-80	Street Surface finishes	3 28-Sep-09		01-Oct-09					
<b>2nd half</b>									
1D-15H-TRCK-30	Excavate box	14 01-Oct-09		21-Oct-09					
1D-15H-TRCK-40	Excavate, lay and concrete ducts	1 01-Oct-09		02-Oct-09					
1D-15H-TRCK-70	Set Track (20m)	2 02-Oct-09		05-Oct-09					
1D-15H-TRCK-75	Place upper concrete and cure	4 06-Oct-09		12-Oct-09					
4 09-Oct-09				15-Oct-09					

Actual Work Remaining Work Critical Remaining Work Summary

Page 21 of 43

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Date 23-Sep-10 Revision 1A (100923)

# EDINBURGH TRAM NETWORK

Activity ID	Activity Name	Original Start	Original Duration	Finish
1D-15H-TRCK-30	Street Surface finishes	15-Oct-09	3	20-Oct-09
1D-15H-TRCK-21	Remove fencing and Traffic Management	21-Oct-09	1	21-Oct-09
<b>Phase 2a</b>				
26-Jun-09	Phase 2a	07-May-09	34	26-Jun-09
<b>2nd half</b>				
1D-15F-TRCK-30	Excavate box	08-Jun-09	14	22-Jun-09
1D-15F-TRCK-40	Excavate, lay and concrete ducts	09-Jun-09	2	11-Jun-09
1D-15F-TRCK-70	Set Track (30m)	17-Jun-09	4	21-Jun-09
1D-15F-TRCK-75	Place upper concrete and cure	16-Jun-09	4	20-Jun-09
1D-15F-TRCK-80	Street Surface finishes	25-Jun-09	3	28-Jun-09
1D-15F-TRCK-21	Remove Fencing and Traffic Management	25-Jun-09	1	26-Jun-09
<b>1st half</b>				
20-Jun-09	1st half	07-May-09	20	08-Jun-09
1D-15E-TRCK-20	Establish Traffic Management & Temp. Fencing	07-May-09	2	11-May-09
1D-15E-TRCK-30	Excavate box	11-May-09	1	12-May-09
1D-15E-TRCK-40	Excavate, lay and concrete ducts	12-May-09	2	14-May-09
1D-15E-TRCK-50	Excavate and construct OLE bases	14-May-09	2	16-May-09
1D-15E-TRCK-70	Set Track (30m)	22-May-09	4	26-May-09
1D-15E-TRCK-75	Place upper concrete and cure	23-May-09	4	27-May-09
1D-15E-TRCK-80	Street Surface finishes	03-Jun-09	3	06-Jun-09
05-Feb-10	Priority Street (1800-1900)	03-Jun-09	3	06-Jun-09
<b>Phase 1</b>				
248	Phase 1	05-Feb-09	248	05-Feb-10
1D-15/16-TRCK-20	Establish Traffic Management & Temp. Fencing	05-Feb-09	2	07-Feb-09
1D-15/16-TRCK-30	Excavate box	05-Feb-09	36	05-Feb-09
1D-15/16-TRCK-40	Excavate, lay and concrete ducts	05-Feb-09	34	05-Feb-09
1D-15/16-TRCK-50	Excavate and construct OLE bases	30-Apr-09	54	12-Feb-09
1D-15/16-TRCK-70	Set Track (950m)	19-Nov-09	120	06-Jun-09
1D-15/16-TRCK-75	Place Upper Concrete and Cure	24-Nov-09	120	06-Jun-09
1D-15/16-TRCK-80	Street Surface finishes	05-Feb-10	28	24-Nov-09
<b>Shadwick Place (inc.) to Haymarket (inc.)</b>				
618	Shadwick Place (inc.) to Haymarket (inc.)	04-Jul-08	618	14-Jun-11
<b>Design</b>				
0	Design	04-Jul-08	0	04-Jul-08
0	Issue Construction Drawings Tramstop	04-Jul-08	0	04-Jul-08
0	Issue Construction Drawings Roadworks	04-Jul-08	0	04-Jul-08
0	Issue Construction Drawings Trackwork	04-Jul-08	0	04-Jul-08
<b>Shadwick Place Tram Stop</b>				
105	Shadwick Place Tram Stop	12-Feb-10	105	14-Jul-10
<b>1D-14-TRMS-90</b>				
65	1D-14-TRMS-90	12-Feb-10	65	13-May-10
<b>1D-14-TRMS-20</b>				
0	1D-14-TRMS-20	26-Feb-10	0	26-Feb-10
<b>1D-14-TRMS-30</b>				
10	1D-14-TRMS-30	12-Apr-10	10	26-Apr-10
<b>1D-14-TRMS-40</b>				
25	1D-14-TRMS-40	26-Apr-10	25	02-Jun-10
<b>1D-14-TRMS-50</b>				
0	1D-14-TRMS-50	26-Apr-10	0	26-Apr-10
<b>1D-14-TRMS-31</b>				
20	1D-14-TRMS-31	02-Jun-10	20	30-Jun-10
<b>1D-14-TRMS-70</b>				
25	1D-14-TRMS-70	02-Jun-10	25	07-Jul-10
<b>1D-14-TRMS-60</b>				
5	1D-14-TRMS-60	07-Jul-10	5	14-Jul-10
<b>Roadworks</b>				
499	Roadworks	05-Jun-09	499	14-Jan-11
<b>West Mainland Ch 940-950</b>				
19	West Mainland Ch 940-950	07-May-10	19	04-Jun-10
<b>Phase 1</b>				
19	Phase 1	07-May-10	19	04-Jun-10
<b>North Pavement</b>				
8	North Pavement	24-May-10	8	04-Jun-10

04-Jul-08: Design

04-Jul-08: Issue Construction Drawings Tramstop

04-Jul-08: Issue Construction Drawings Roadworks

04-Jul-08: Issue Construction Drawings Trackwork

14-Jul-10: Shadwick Place Tram Stop

06-Feb-10: Civil Engineering And Building Works

Order REC Supply

Access for visual inspection for E&M Train Stop installation (01D Shadwick Place)

Deliver and Install Shelter

Install LV Power Supply and LV Power Equipment

Access for E&M Train Stop installation (01D Shadwick Place)

Install Television Equipment

Install Station Control Equipment + AFC Equipment

Package Test Tramstop

14-Jan-11: Roadworks

04-Jun-10, Phase 1

04-Jun-10, North Pavement

23-Sep-10

Revision 1A (100923)

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Summary

Critical Remaining Work

Milestone

Actual Work

Remaining Work

Page 22 of 43



# EDINBURGH TRAM NETWORK

Activity ID	Activity Name	Original Start	Original Duration	Finish	2003	2009	2010	2011	2012
1D-14T-ROAD-20N	Establish Traffic Management & Temp. Fencing	24-May-10	26-May-10	26-May-10					
1D-14T-ROAD-30N	Excavate for new channel and kerb line / remove existing kerbs	26-May-10	27-May-10	27-May-10					
1D-14T-ROAD-40N	Construct Kerb lines	27-May-10	01-Jun-10	01-Jun-10					
1D-14T-ROAD-50N	Reset Gullies	01-Jun-10	02-Jun-10	02-Jun-10					
1D-14T-ROAD-60N	Surface new channel	02-Jun-10	03-Jun-10	03-Jun-10					
1D-14T-ROAD-21N	Remove fencing and Traffic Management	03-Jun-10	04-Jun-10	04-Jun-10					
<b>South Pavement</b>									
1D-14T-ROAD-20S	Establish Traffic Management & Temp. Fencing	07-May-10	24-May-10	24-May-10					
1D-14T-ROAD-30S	Excavate for new channel and kerb line / remove existing kerbs	07-May-10	11-May-10	11-May-10					
1D-14T-ROAD-40S	Construct Kerb lines	11-May-10	13-May-10	13-May-10					
1D-14T-ROAD-50S	Reset Gullies	12-May-10	16-May-10	16-May-10					
1D-14T-ROAD-60S	Surface new channel	13-May-10	19-May-10	19-May-10					
1D-14T-ROAD-21S	Remove fencing and Traffic Management	19-May-10	21-May-10	21-May-10					
<b>Haymarket Ch 1250-1125</b>									
25S	05-Jan-09	28-Jan-10							
<b>Phase 2</b>									
1D-14B-ROAD-20	Establish Traffic Management & Temp. Fencing	21-Jan-09	25-Feb-09	25-Feb-09					
1D-14B-ROAD-30	Excavate for new channel and kerb line / remove existing kerbs	28-Jan-09	29-Jan-09	29-Jan-09					
1D-14B-ROAD-40	Construct Kerb lines	30-Jan-09	02-Feb-09	02-Feb-09					
1D-14B-ROAD-50	Reset Gullies	03-Feb-09	04-Feb-09	04-Feb-09					
1D-14B-ROAD-70	Pavement Works	05-Feb-09	05-Feb-09	05-Feb-09					
1D-14B-ROAD-81	Street Lighting / Traffic Signals / Road Signs	05-Feb-09	05-Feb-09	05-Feb-09					
1D-14B-ROAD-80	Surface new channel	06-Feb-09	06-Feb-09	06-Feb-09					
1D-14B-ROAD-80	White Lines	09-Feb-09	09-Feb-09	09-Feb-09					
1D-14B-ROAD-21	Remove fencing and Traffic Management	12-Feb-09	12-Feb-09	12-Feb-09					
<b>Phase 1</b>									
1D-14A-ROAD-20	Establish Traffic Management & Temp. Fencing	05-Jan-09	27-Jan-09	27-Jan-09					
1D-14A-ROAD-30	Remove island surfacing and ext. to formation	05-Jan-09	06-Jan-09	06-Jan-09					
1D-14A-ROAD-40	Construct Kerb lines	07-Jan-09	12-Jan-09	12-Jan-09					
1D-14A-ROAD-50	Move Gullies	13-Jan-09	14-Jan-09	14-Jan-09					
1D-14A-ROAD-70	Pavement Works	15-Jan-09	21-Jan-09	21-Jan-09					
1D-14A-ROAD-81	Street Lighting / Traffic Signals / Road Signs	15-Jan-09	21-Jan-09	21-Jan-09					
1D-14A-ROAD-21	Sub base	19-Jan-09	20-Jan-09	20-Jan-09					
1D-14A-ROAD-80	Roadbase/base course/wearing course/temp ramps	21-Jan-09	23-Jan-09	23-Jan-09					
1D-14A-ROAD-80	White Lines	26-Jan-09	26-Jan-09	26-Jan-09					
1D-14A-ROAD-21	Remove fencing and Traffic Management	27-Jan-09	27-Jan-09	27-Jan-09					
<b>Phase 7</b>									
1D-14L-ROAD-20	Establish Traffic Management & Temp. Fencing	07-Jan-10	28-Jan-10	28-Jan-10					
1D-14L-ROAD-30	Replace north junction kerb line	07-Jan-10	11-Jan-10	11-Jan-10					
1D-14L-ROAD-80	White Lines / Traffic Signals / Road Signs	11-Jan-10	19-Jan-10	19-Jan-10					
1D-14L-ROAD-70	Rebuild splitter island	11-Jan-10	15-Jan-10	15-Jan-10					
1D-14L-ROAD-21	Remove fencing and Traffic Management	19-Jan-10	27-Jan-10	27-Jan-10					
<b>Phase 6b</b>									
1D-14K-ROAD-20	Establish Traffic Management & Temp. Fencing	14-Jul-09	22-Sep-09	22-Sep-09					
1D-14K-ROAD-30	Excavate for new channel and kerb line / remove existing kerbs	14-Jul-09	16-Jul-09	16-Jul-09					
1D-14K-ROAD-40	Construct Kerb lines	16-Jul-09	20-Jul-09	20-Jul-09					
1D-14K-ROAD-50	Reset Gullies	20-Jul-09	27-Jul-09	27-Jul-09					

Actual Work Remaining Work Critical Remaining Work Summary

Remaining Work Milestone

Page 23 of 43

Date: 23-Sep-10  
Revision: Revision 1A (100923)  
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Programme Revision 1A (100923)

EDINBURGH TRAM NETWORK

23-Sep-10 11:26

Activity ID	Activity Name	Original Start	Original Duration	Finish	2006	2007	2008	2009	2010	2011	2012
1D-14K-ROAD-70	Pavement Works	15-27-Jul-09	15	21-Sep-09							
1D-14K-ROAD-80	Street Lighting / Traffic Signals / Road Signs	7-27-Jul-09	7	09-Sep-09							
1D-14K-ROAD-60	Surface new channel	2-28-Jul-09	2	30-Jul-09							
1D-14K-ROAD-21	Remove fencing and Traffic Management	1-21-Sep-09	1	22-Sep-09							
Phase 4a											
1D-14E-ROAD-20	Establish Traffic Management & Temp. Fencing	22-26-Mar-09	22	27-Apr-09							
1D-14E-ROAD-30	Remove island surfacing and exc. to formation	2-26-Mar-09	2	27-Mar-09							
1D-14E-ROAD-40	Construct Kerb lines	5-30-Mar-09	5	03-Apr-09							
1D-14E-ROAD-50	Move Gullies	4-06-Apr-09	4	09-Apr-09							
1D-14E-ROAD-70	Pavement Works	2-13-Apr-09	2	14-Apr-09							
1D-14E-ROAD-81	Street Lighting / Traffic Signals / Road Signs	6-13-Apr-09	6	20-Apr-09							
1D-14E-ROAD-31	Sub base	7-13-Apr-09	7	21-Apr-09							
1D-14E-ROAD-61	Plane off wearing course	1-20-Apr-09	1	20-Apr-09							
1D-14E-ROAD-80	Roadbase/base course/wearing course/temp ramps	3-21-Apr-09	3	23-Apr-09							
1D-14E-ROAD-80	White Lines	1-24-Apr-09	1	24-Apr-09							
1D-14E-ROAD-21	Remove fencing and Traffic Management	1-27-Apr-09	1	27-Apr-09							
Phase 4b											
1D-14F-ROAD-20	Establish Traffic Management & Temp. Fencing	19-28-Apr-09	19	26-May-09							
1D-14F-ROAD-30	Remove island surfacing and exc. to formation	2-28-Apr-09	2	28-Apr-09							
1D-14F-ROAD-40	Construct Kerb lines	1-30-Apr-09	1	30-Apr-09							
1D-14F-ROAD-50	Move Gullies	4-01-May-09	4	07-May-09							
1D-14F-ROAD-70	Pavement Works	2-08-May-09	2	11-May-09							
1D-14F-ROAD-81	Street Lighting / Traffic Signals / Road Signs	12-08-May-09	12	28-May-09							
1D-14F-ROAD-31	Sub base	7-05-May-09	7	18-May-09							
1D-14F-ROAD-61	Plane off wearing course	3-12-May-09	3	14-May-09							
1D-14F-ROAD-60	Roadbase/base course/wearing course/temp ramps	1-15-May-09	1	15-May-09							
1D-14F-ROAD-80	White Lines	3-18-May-09	3	20-May-09							
1D-14F-ROAD-21	Remove fencing and Traffic Management	1-21-May-09	1	21-May-09							
Topham Ch 1125-940											
Phase 3											
North Pavement											
1D-14Q-ROAD-20	Establish Traffic Management & Temp. Fencing	66-29-Sep-10	66	29-Sep-10							
1D-14Q-ROAD-40	Replace north kerb line	13-29-Sep-10	13	29-Sep-10							
1D-14Q-ROAD-21	Remove fencing and Traffic Management	2-29-Sep-10	2	29-Sep-10							
South Pavement											
1D-14R-ROAD-20	Establish Traffic Management & Temp. Fencing	15-18-Oct-10	15	18-Oct-10							
1D-14R-ROAD-30	Excavate for new channel and kerb line / remove existing kerbs	2-18-Oct-10	2	20-Oct-10							
1D-14R-ROAD-40	Construct Kerb lines	2-20-Oct-10	2	22-Oct-10							
1D-14R-ROAD-50	Reset Gullies	3-22-Oct-10	3	27-Oct-10							
1D-14R-ROAD-70	Pavement Works	7-27-Oct-10	7	29-Oct-10							
1D-14R-ROAD-80	Street Lighting / Traffic Signals / Road Signs	3-27-Oct-10	3	27-Oct-10							
1D-14R-ROAD-60	Surface new channel	1-29-Oct-10	1	29-Oct-10							
1D-14R-ROAD-21	Remove fencing and Traffic Management	1-03-Nov-10	1	03-Nov-10							
Splitter Island											
1D-14S-ROAD-20	Establish Traffic Management & Temp. Fencing	40-04-Nov-10	40	04-Nov-10							
1D-14S-ROAD-30	Excavate for new channel and kerb line / remove existing kerbs	2-08-Nov-10	2	08-Nov-10							

Page 24 of 42

Actual Work █ Remaining Work █ Critical Remaining Work █ Summary

23-Sep-10 Revision 1A (100923) SCS BSC Approved

**EDINBURGH TRAM NETWORK**

Activity ID	Activity Name	Original Start	Original Duration	Finish	2005	2006	2007	2008	2009	2010	2011	2012
1D-14S-ROAD-40	Construct Kerb lines	4	09-Nov-10	15-Nov-10								
1D-14S-ROAD-50	Reset Gutters	4	10-Nov-10	16-Nov-10								
1D-14S-ROAD-70	Pavement Works	16	15-Nov-10	14-Jan-11								
1D-14S-ROAD-80	Street Lighting / Traffic Signals / Road Signs	3	15-Nov-10	18-Nov-10								
14-14S-ROAD-21	Remove existing kerb line	1	16-Nov-10	17-Nov-10								
14-14S-ROAD-21	Remove existing kerb line	1	24-Nov-10	25-Nov-10								
<b>Shandonick Ch 850-440</b>												
60	10-Feb-10	07-May-10										
<b>Phase 1</b>												
1D-14W-ROAD-20	Establish Traffic Management & Temp. Fencing	2	10-Feb-10	12-Feb-10								
1D-14W-ROAD-30	Excavate for new channel and kerb line / remove existing kerbs	18	12-Feb-10	10-Mar-10								
1D-14W-ROAD-40	Construct Kerb lines	23	17-Feb-10	22-Mar-10								
1D-14W-ROAD-50	Reset Gutters	15	03-Mar-10	24-Mar-10								
1D-14W-ROAD-70	Pavement Works	31	22-Mar-10	06-May-10								
1D-14W-ROAD-80	Street Lighting / Traffic Signals / Road Signs	7	22-Mar-10	31-Mar-10								
1D-14W-ROAD-60	Surface new channel	9	24-Mar-10	07-Apr-10								
1D-14W-ROAD-21	Remove fencing and Traffic Management	1	06-May-10	07-May-10								
<b>Trackwork</b>												
404	13-Feb-09	29-Sep-10										
<b>Shandonick Place Ch 850-440</b>												
72	10-Feb-10	24-May-10										
<b>Phase 1</b>												
1D-14W-TRCK-20	Establish Traffic Management & Temp. Fencing	2	10-Feb-10	12-Feb-10								
1D-14W-TRCK-30	Excavate box	17	12-Feb-10	09-Mar-10								
1D-14W-TRCK-40	Excavate, lay and construct OLE bases	24	17-Feb-10	23-Mar-10								
1D-14W-TRCK-50	Excavate and construct OLE bases	24	17-Feb-10	23-Mar-10								
1D-14W-TRCK-70	Set Track (410m)	33	17-Mar-10	05-May-10								
1D-14W-TRCK-75	Place Upper Concrete and Cure	33	22-Mar-10	10-May-10								
1D-14W-TRCK-80	Street Surface finishes	16	28-Apr-10	21-May-10								
1D-14W-TRCK-21	Remove fencing and Traffic Management	1	21-May-10	24-May-10								
<b>West Main Road Ch 940-850</b>												
82	04-Jun-10	29-Sep-10										
<b>Phases 2 &amp; 3</b>												
<b>2nd half</b>												
1D-14V-TRCK-30	Excavate box	2	27-Jul-10	29-Jul-10								
1D-14V-TRCK-40	Excavate, lay and concrete ducts	3	29-Jul-10	07-Sep-10								
1D-14V-TRCK-70	Set Track (90m)	4	14-Sep-10	20-Sep-10								
1D-14V-TRCK-75	Place upper concrete and cure	4	17-Sep-10	23-Sep-10								
1D-14V-TRCK-80	Street Surface finishes	3	23-Sep-10	28-Sep-10								
1D-14V-TRCK-21	Remove fencing and Traffic Management	1	28-Sep-10	28-Sep-10								
<b>1st half</b>												
1D-14U-TRCK-20	Establish Traffic Management & Temp. Fencing	2	04-Jun-10	27-Jul-10								
1D-14U-TRCK-30	Excavate box	2	08-Jun-10	10-Jun-10								
1D-14U-TRCK-40	Excavate, lay and concrete ducts	3	10-Jun-10	15-Jun-10								
1D-14U-TRCK-50	Excavate and construct OLE bases	3	15-Jun-10	18-Jun-10								
1D-14U-TRCK-70	Set Track (90m)	4	13-Jul-10	19-Jul-10								
1D-14U-TRCK-75	Place upper concrete and cure	4	15-Jul-10	22-Jul-10								
1D-14U-TRCK-21	Street Surface finishes	3	22-Jul-10	27-Jul-10								
<b>Torphichen Ch 1125-940</b>												
380	26-Mar-09	07-Sep-10										
129	26-Mar-09	28-Sep-09										
<b>Phase 1</b>												

Legend: █ Actual Work █ Critical Remaining Work █ Summary  
█ Remaining Work ◆ Milestone

Date: 23-Sep-10 Revision: Revision 1A (100923) Checked: SCS Approved: BSC

Page 25 of 43

# EDINBURGH TRAM NETWORK

Activity ID	Activity Name	Original Duration	Start	Finish	2006	2007	2008	2009	2010	2011	2012
<b>1st half</b>											
1D-14M-TRCK-20	Establish Traffic Management & Temp. Fencing	44	26-Mar-09	26-May-09							
1D-14M-TRCK-30	Excavate box	2	26-Mar-09	27-Mar-09							
1D-14M-TRCK-40	Excavate, lay and concrete ducts	3	30-Mar-09	01-Apr-09							
1D-14M-TRCK-50	Excavate and construct OLE bases	4	02-Apr-09	07-Apr-09							
1D-14M-TRCK-70	Set Track (145m)	6	08-Apr-09	14-Apr-09							
1D-14M-TRCK-75	Place upper concrete and cure	6	12-May-09	20-May-09							
1D-14M-TRCK-80	Street Surface finishes	6	15-May-09	25-May-09							
<b>2nd half</b>											
1D-14N-TRCK-30	Excavate box	85	29-May-09	28-Sep-09							
1D-14N-TRCK-40	Excavate, lay and concrete ducts	3	29-May-09	03-Jun-09							
1D-14N-TRCK-70	Set Track (145m)	4	03-Jun-09	06-Jun-09							
1D-14N-TRCK-75	Place upper concrete and cure	6	06-Sep-09	17-Sep-09							
1D-14N-TRCK-80	Street Surface finishes	6	14-Sep-09	22-Sep-09							
1D-14N-TRCK-21	Remove fencing and Traffic Management	1	25-Sep-09	25-Sep-09							
<b>Phase 2</b>											
170	07-Jun-10	07-Sep-10									
<b>2nd half</b>											
1D-14P-TRCK-30	Excavate box	121	17-Mar-10	07-Sep-10							
1D-14P-TRCK-40	Excavate, lay and concrete ducts	1	17-Mar-10	18-Mar-10							
1D-14P-TRCK-70	Set Track	2	18-Mar-10	22-Mar-10							
1D-14P-TRCK-75	Place upper concrete and cure	4	19-Jul-10	23-Jul-10							
1D-14P-TRCK-80	Street Surface finishes	4	22-Jul-10	28-Jul-10							
14-14P-TRCK-21	Remove fencing and Traffic Management	3	28-Jul-10	05-Sep-10							
<b>1st half</b>											
1D-14O-TRCK-20	Establish Traffic Management & Temp. Fencing	49	07-Jun-10	17-Mar-10							
1D-14O-TRCK-30	Excavate box	2	07-Jun-10	11-Jun-10							
1D-14O-TRCK-40	Excavate, lay and concrete ducts	1	11-Jun-10	12-Jun-10							
1D-14O-TRCK-50	Excavate and construct OLE bases	2	12-Jun-10	14-Jun-10							
1D-14O-TRCK-70	Set Track (40m)	2	14-Jun-10	19-Jun-10							
1D-14O-TRCK-75	Place upper concrete and cure	4	03-Mar-10	09-Mar-10							
1D-14O-TRCK-80	Street Surface finishes	4	08-Mar-10	12-Mar-10							
Haymarket GN 1250-1125		215	13-Feb-09	07-Jun-10							
<b>Phase 5</b>											
36	26-May-09	14-Jul-09									
<b>1st half</b>											
1D-14G-TRCK-20	Establish Traffic Management & Temp. Fencing	15	26-May-09	15-Jun-09							
1D-14G-TRCK-30	Excavate box	2	26-May-09	27-May-09							
1D-14G-TRCK-40	Excavate, lay and concrete ducts	2	20-May-09	01-Jun-09							
1D-14G-TRCK-50	Excavate and construct OLE bases	2	20-May-09	01-Jun-09							
1D-14G-TRCK-70	Set Track (54m)	4	02-Jun-09	05-Jun-09							
1D-14G-TRCK-75	Place upper concrete and cure	4	05-Jun-09	10-Jun-09							
1D-14G-TRCK-80	Street Surface finishes	3	11-Jun-09	15-Jun-09							
<b>2nd half</b>											
1D-14H-TRCK-30	Excavate box	21	15-Jun-09	15-Jun-09							
1D-14H-TRCK-40	Excavate, lay and concrete ducts	1	16-Jun-09	16-Jun-09							
1D-14H-TRCK-70	Set Track (54m)	2	17-Jun-09	18-Jun-09							
1D-14H-TRCK-75	Place upper concrete and cure	4	23-Jun-09	03-Jul-09							
1D-14H-TRCK-80	Street Surface finishes	4	02-Jul-09	09-Jul-09							

Page 26 of 43

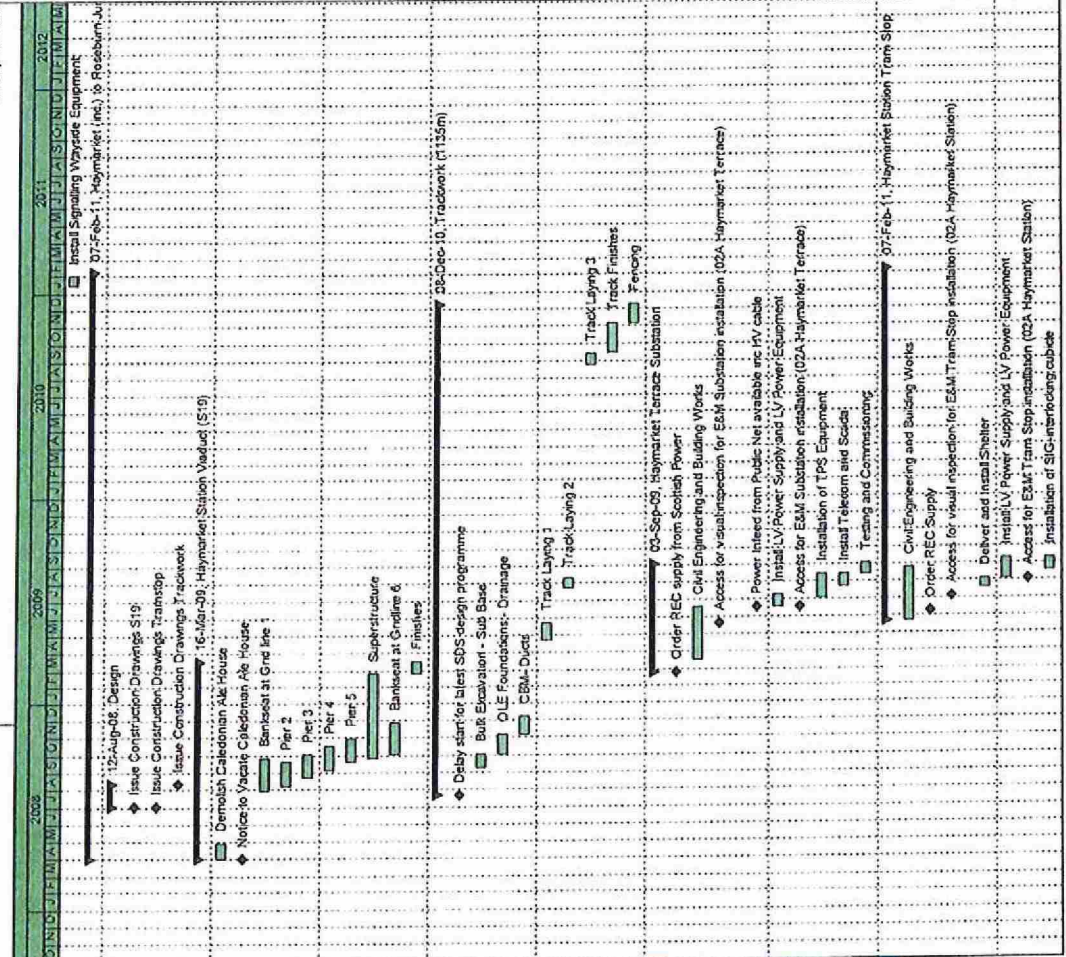
Actual Work █ Remaining Work █ Critical Remaining Work █ Summary █ Milestone ◆

Date: 23-Sep-10  
Revision: 1A (100923)  
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Approved: SSC



# EDINBURGH TRAM NETWORK

Activity ID	Activity Name	Original Start	Final	Original Duration	Final
2A-13-SGNN-60	Install Signaling Wayside Equipment	12-Jan-11	31-Feb-11		
<b>Haymarket (inc.) to Roseburn Junction (inc.)</b>					
Design		27-05-Jul-08	12-Aug-08	701	01-Apr-08
2A-13-S19-10	Issue Construction Drawings S19	0	03-Jul-08		
2A-13-TRMS-10	Issue Construction Drawings Tramstop	0	03-Jul-08		
2A-13-TRCK-10	Issue Construction Drawings Trackwork	0	12-Aug-08		
<b>Haymarket Station Viaduct (S19)</b>					
2A-13-S19-15	Demolish Caledonian Ale House	235	01-Apr-08	25	15-Mar-09
2A-13-S19-12	Notice to Vacate Caledonian Ale House	0	01-Apr-08		
2A-13-S19-50	Bankseat at Grid Line 1	40	31-Jul-08	26	26-Sep-08
2A-13-S19-51	Pier 2	30	08-Aug-08	19	19-Sep-08
2A-13-S19-52	Pier 3	30	22-Aug-08	03-Oct-08	
2A-13-S19-53	Pier 4	30	05-Sep-08	17-Oct-08	
2A-13-S19-54	Pier 5	30	19-Sep-08	31-Oct-08	
2A-13-S19-60	Superstructure	95	26-Sep-08	23-Feb-09	
2A-13-S19-55	Bankseat at Gridline 6	40	03-Oct-08	28-Nov-08	
2A-13-S19-80	Finishes	15	23-Feb-09	16-Mar-09	
<b>Trackwork (1135m)</b>					
2A-13-TRCK-11	Delay start for latest SDS design programme	0	22-Jul-08		
2A-13-TRCK-30	Bulk Excavation - Sub Base	18	09-Sep-08	02-Oct-08	
2A-13-TRCK-50	OLE Foundations - Drainage	23	03-Oct-08	05-Nov-08	
2A-13-TRCK-60	CBM Ducts	23	05-Nov-08	09-Dec-08	
2A-13A-TRCK-70	Track Laying 1	20	23-Apr-09	23-May-09	
2A-13B-TRCK-70	Track Laying 2	11	23-Jul-09	10-Aug-09	
2A-13C-TRCK-70	Track Laying 3	15	24-Aug-10	13-Sep-10	
2A-13-TRCK-80	Track Finishes	38	14-Sep-10	04-Nov-10	
2A-13-TRCK-81	Fencing	23	05-Nov-10	08-Dec-10	
<b>Haymarket Terrace Substation</b>					
2A-13-SUBS-20	Order REC supply from Scottish Power	0	23-Feb-09	02-Sep-09	
2A-13-SUBS-80	Civil Engineering and Building Works	65	16-Mar-09	18-Jun-09	
2A-13-SUBS-30	Access for visual inspection for E&M Substation installation (02A Haymarket Terrace)	0	19-May-09		
2A-13-SUBS-40	Power Intake from Public Net available inc HV cable	0	15-Jun-09		
2A-13-SUBS-50	Install LV Power Supply and LV Power Equipment	15	18-Jun-09	09-Jul-09	
2A-13-SUBS-31	Access for E&M Substation installation (02A Haymarket Terrace)	0	18-Jun-09		
2A-13-SUBS-60	Installation of TPS Equipment	30	02-Jul-09	14-Aug-09	
2A-13-SUBS-70	Install Telecom and Scaeds	15	23-Jul-09	14-Aug-09	
2A-13-SUBS-80	Testing and Commissioning	14	14-Aug-09	02-Sep-09	
<b>Haymarket Station Tram Stop</b>					
2A-13-TRMS-90	Civil Engineering and Building Works	419	22-May-09	07-Feb-11	
2A-13-TRMS-20	Order REC Supply	65	22-May-09	25-Aug-09	
2A-13-TRMS-30	Access for visual inspection for E&M Tram Stop installation (02A Haymarket Station)	0	03-Jun-09		
2A-13-TRMS-40	Deliver and Install Shelter	10	20-Jul-09	04-Aug-09	
2A-13-TRMS-50	Install LV Power Supply and LV Power Equipment	25	04-Aug-09	08-Sep-09	
2A-13-TRMS-31	Access for E&M Tram Stop installation (02A Haymarket Station)	0	04-Aug-09		
2A-13-SIG-40	Installation of SIG-interlocking cubicle	15	18-Aug-09	08-Sep-09	



Activity ID	Activity Name	Original Start	Original Duration	Finish
2A-13-TRMS-70	Install Telecom Equipment	20	08-Sep-09	08-Oct-09
2A-13-TRMS-60	Install Station Control Equipment + AFC Equipment	25	08-Sep-09	13-Oct-09
2A-13-TRMS-80	Package Test Tramstop	5	13-Oct-09	20-Oct-09
2A-13-SIG-80	Commissioning of SIG - interlocking cable	5	31-Jan-11	07-Feb-11
<b>SECTION 05 ROSEBURN JUNCTION TO GOGAR</b>				
Opening Sequence A (Airport to Haymarket)				
05A-Roseburn Junction (exc) to Gogar Road (Incl)		837	22-Apr-08	13-Sep-11
E & M Installations				
5A-1112-OHLE-50	Access for visual inspection for E&M wayside installation (05A)	0	24-Aug-10	13-Sep-11
5A-1112-OHLE-50	Installation of poles and building fittings	18	23-Sep-10	18-Oct-10
5A-1112-OHLE-31	Access for E&M wayside installation (05A)	0	23-Sep-10	
5A-1112-ELEC-50	Access for visual inspection to cable pits for cable laying (05A)	43	13-Jul-11	13-Sep-11
5A-1112-OHLE-60	Overhead Catenary Line	12	27-Jul-11	15-Aug-11
5A-1112-ELEC-60	Install Electrical Cables	12	27-Jul-11	15-Aug-11
5A-1112-TELE-60	Install Fibre Optic Cables	12	27-Jul-11	15-Aug-11
5A-1112-ELEC-31	Access to cable pits for cable laying (05A)	0	27-Jul-11	
5A-1112-SGNW-60	Install Signalling Wayside Equipment	12	15-Aug-11	31-Aug-11
<b>Roseburn Junction (exc) to Murrayfield Stadium (Incl)</b>				
Design				
5A-12-S20-10	Issue Construction Drawings S20	85	27-May-08	24-Sep-08
5A-12-W18-10	Issue Construction Drawings W18	0	27-May-08	
5A-12-TRMS-10	Issue Construction Drawings Tramstop	0	30-Jun-08	
5A-12-W3-10	Issue Construction Drawings W3 / W4	0	30-Jun-08	
5A-12-TRCK-10	Issue Construction Drawings Trackwork	0	24-Sep-08	
<b>Russell Road Underbridge (S20)</b>				
5A-12-S20-40	Excavation and piling	185	24-Jun-08	26-Mar-09
5A-12-S20-50	Bases	60	24-Jun-08	17-Sep-08
5A-12-S20-51	Abutments and Wing Walls	30	17-Sep-08	29-Oct-08
5A-12-S20-60	Deck	45	15-Oct-08	18-Dec-08
5A-12-S20-80	Bridge Finishes	50	11-Dec-08	05-Mar-09
5A-12-WD-31	Site Clearance	60	18-Dec-08	26-Mar-09
5A-12-WG-32	Demolish Existing Buildings	288	19-Aug-08	30-Oct-09
5A-12-WG-21	Temporary Access Road	20	18-Aug-08	15-Sep-08
5A-12-WG-40	Bored Piling	50	18-Nov-08	25-Nov-08
5A-12-WG-50	Pile Caps	15	18-Nov-08	09-Dec-08
5A-12-WG-51	Retaining Wall	15	09-Dec-08	13-Jan-09
5A-12-WG-30	Waterproofing	30	23-Feb-09	06-Apr-09
5A-12-WG-81	Imported Filling	45	06-Apr-09	11-Jun-09
5A-12-WG-82	Parapet	29	11-Jun-09	09-Jul-09
5A-12-WG-83	Road Reinstate	55	25-Jun-09	11-Sep-09
Murrayfield Tram Stop Retaining Wall (W18)		25	21-Aug-09	25-Sep-09
5A-12-W18-31	Site Clearance	245	28-Jul-09	30-Oct-09
5A-12-W18-50	Foundations	20	28-Jul-08	26-Aug-08
5A-12-W18-51	Reinforced Earth Wall	15	25-Aug-08	16-Sep-08
5A-12-W18-81	Steps	130	09-Sep-08	25-Mar-09
		85	25-Mar-09	27-Jul-09

Page 29 of 43

Actual Work Remaining Work Critical Remaining Work Summary

Actual Work Remaining Work Milestone

Checked: SCS Approved: BSC

Date: 23-Sep-10 Revision: 1A (100923)

Activity ID	Activity Name	Original Start Duration	Finish
5A-12-W18-52	Coping	15 25-Mar-08	16-Apr-09
5A-12-W18-80	Handrail	10 16-Apr-09	30-Apr-09
<b>Trackwork (470m)</b>			
5A-12-TRCK-30	Bulk Excavation - Sub Base	117 25-Sep-08	24-Mar-10
5A-12-TRCK-50	OLE Foundations - Drainage	09-Oct-09	09-Oct-09
5A-12-TRCK-40	CBM/ Ducts	19 09-Oct-09	05-Nov-09
5A-12-TRCK-70	Track Laying (470m)	10 05-Nov-09	19-Nov-09
5A-12-TRCK-80	Track Finishes	18 21-Jan-10	16-Feb-10
5A-12-TRCK-81	Fencing	16 16-Feb-10	10-Mar-10
5A-12-TRCK-81	Fencing	10 10-Mar-10	24-Mar-10
<b>Murrayfield Stadium Tram Stop</b>			
5A-12-TRMS-90	Civil Engineering and Building Works	397 02-Feb-10	07-Sep-11
5A-12-TRMS-20	Order REC Supply	65 02-Feb-10	05-May-10
5A-12-TRMS-30	Access for visual inspection for E&M Tram Stop installation (OSA Murrayfield)	0 21-Apr-10	
5A-12-TRMS-40	Deliver and Install Shelter	0 19-May-10	
5A-12-TRMS-50	Install LV Power Supply and LV Power Equipment	10 04-Jun-10	18-Jun-10
5A-12-TRMS-31	Access for E&M Tram Stop installation (OSA Murrayfield)	25 18-Jun-10	23-Jul-10
5A-12-SIG-40	Installation of SIG-interlocking cubicle	15 02-Jul-10	23-Jul-10
5A-12-TRMS-70	Install Telecom Equipment	20 23-Jul-10	23-Aug-10
5A-12-TRMS-60	Install Station Control Equipment + AFC Equipment	25 23-Jul-10	30-Aug-10
5A-12-TRMS-80	Package Test Tramstop	5 30-Aug-10	06-Sep-10
5A-12-SIG-80	Commissioning of SIG -interlocking cubicle	5 31-Aug-11	07-Sep-11
<b>Murrayfield Stadium, (exc) to Balgreen Road (Inc)</b>			
5A-11-W8-05	Design	153 15-May-08	22-Nov-10
5A-11-S21D-10	SDS Design Complete W8	0 19-May-08	05-Jan-09
5A-11-TRMS-10	Issue Construction Drawings S21D	0 17-Jul-08	
5A-11-S21E-10	Issue Construction Drawings S21E	0 25-Jul-08	
5A-11-S21B-10	Issue Construction Drawings S21B	0 28-Jul-08	
5A-11-S21C-10	Issue Construction Drawings S21C	0 28-Jul-08	
5A-11-S21A-10	Issue Construction Drawings S21A	0 28-Jul-08	
5A-11-W8-10	Issue Construction Drawings W8	0 05-Aug-08	
5A-11-S21D-05	SDS Design Complete S21D	0 05-Aug-08	
5A-11-TRCK-10	Issue Construction Drawings Trackwork	0 25-Sep-08	
5A-11-S22-05	SDS Design Complete S22	0 17-Oct-08	
5A-11-S22-10	Issue Construction Drawings S22	0 06-Jan-09	
<b>Roseburn Street Viaduct (S21A)</b>			
5A-11-S21A-15	Remove Soatrat Oil Tanks	409 01-Sep-08	04-May-10
5A-11-S21A-50	Bankseat at Grid Line A	0 01-Sep-08	
5A-11-S21A-51	Pier B	25 30-Mar-09	05-May-09
5A-11-S21A-52	Pier C	45 30-Mar-09	03-Jun-09
5A-11-S21A-53	Pier D	45 14-Apr-09	17-Jun-09
5A-11-S21A-54	Pier E	45 28-Apr-09	01-Jul-09
5A-11-S21A-55	Bankseat at Gridline F	45 13-May-09	15-Jul-09
5A-11-S21A-60	Structural steelwork	25 11-Jun-09	15-Jul-09
5A-11-S21A-61	Deck Concrete	30 25-Jun-09	06-Aug-09
5A-11-S21A-80	Finishes	65 07-Aug-09	05-Nov-09
5A-11-S21A-80	Finishes	75 06-Nov-09	04-May-10

Page 30 of 43

Actual Work █ Remaining Work █ Critical Remaining Work █ Milestone ◆ Summary ▶

Date: 23-Sep-10

Revision: Revision 1A (100923)

Checked: SCS

Approved: BSC





Activity ID	Activity Name	Original Duration	Start	Finish
5A-11-TRMS-40	Deliver and install Shelter	10	04-Aug-10	17-Aug-10
5A-11-TRMS-31	Access for E&M Tram Stop installation (05A Balgownie Road)	0	17-Aug-10	
5A-11-TRMS-50	Install LV Power Supply and LV Power Equipment	25	18-Aug-10	21-Sep-10
5A-11-TRMS-70	Install Telecom Equipment	20	22-Sep-10	19-Oct-10
5A-11-TRMS-60	Install Station Control Equipment + AFC Equipment	25	22-Sep-10	26-Oct-10
5A-11-TRMS-80	Package Test Trains	5	27-Oct-10	02-Nov-10
<b>Jenners Depository Sub Station</b>				
5A-11-SUBS-20	Order REC supply from Scottish Power	134	17-May-10	22-Nov-10
5A-11-SUBS-30	Civil Engineering and Building Works	85	08-Jun-10	07-Sep-10
5A-11-SUBS-30	Access for visual inspection for E&M Substation installation (05A Jenners Depository)	0	05-Aug-10	
5A-11-SUBS-40	Power Infeed from Public Net available inc HV cable	0	08-Sep-10	
5A-11-SUBS-50	Install LV Power Supply and LV Power Equipment	15	08-Sep-10	28-Sep-10
5A-11-SUBS-31	Access for E&M Substation installation (05A Jenners Depository)	0	08-Sep-10	
5A-11-SUBS-60	Installation of TPS Equipment	30	22-Sep-10	02-Nov-10
5A-11-SUBS-70	Install Telecom and Seals	15	13-Oct-10	02-Nov-10
5A-11-SUBS-80	Testing and Commissioning	14	02-Nov-10	22-Nov-10
<b>05B Balgownie Road (exc) to Edinburgh Park Central (inc)</b>				
<b>E &amp; M Installations</b>				
5B-789/10-OHLE-30	Access for visual inspection for E&M wayside installation (05B)	809	22-Apr-08	03-Aug-11
5B-789/10-OHLE-50	Installation of poles and building fittings	264	02-Jul-10	27-Jul-11
5B-789/10-OHLE-31	Access for E&M wayside installation (05B)	36	04-Aug-10	22-Sep-10
5B-789/10-ELEC-30	Access for visual inspection to cable pits for cable laying (05B)	0	04-Aug-10	
5B-789/10-OHLE-60	Overhead Catenary Line	87	21-Mar-11	22-Jul-11
5B-789/10-ELEC-60	Install Electrical Cables	40	05-Apr-11	01-Jun-11
5B-789/10-TELC-60	Install Fibre Optic Cables	40	05-Apr-11	01-Jun-11
5B-789/10-ELEC-31	Access to cable pits for cable laying (05B)	40	02-Jun-11	27-Jul-11
5B-789/10-SGNV-60	Install Signalling Wayside Equipment	654	22-Apr-08	05-Dec-10
<b>Balgownie Road (exc) to Saughton Road North (inc)</b>				
<b>Design</b>				
5B-10-S23-05	SOS Design Complete S23	0	22-Apr-08	22-Apr-08
5B-10-TRMS-10	Issue Construction Drawings Tramstop	0	16-Jun-08	
5B-10-S23-10	Issue Construction Drawings S23	0	14-Jul-08	
5B-10-TRCK-10	Issue Construction Drawings Trackwork	0	22-Jul-08	
<b>Carrieknowe Bridge (S23)</b>				
5B-10-S23-11	Carrieknowe Bridge (S23)	170	12-Aug-08	22-Apr-09
<b>Establishment</b>				
5B-10-S23-12	Temporary Fencing	170	12-Aug-08	22-Apr-09
5B-10-S23-13	Haul Roads	5	12-Aug-08	19-Aug-08
5B-10-S23-14	Possessions 1 (12hrs)	0	19-Aug-08	
5B-10-S23-15	Erect Network Rail Safety Barrier	2	19-Aug-08	21-Aug-08
5B-10-S23-16	Possessions 2 (12hrs)	0	20-Aug-08	
5B-10-S23-17	Remove Crash Deck and Barriers	1	21-Apr-09	22-Apr-09
5B-10-S23-18	Possessions 4 (12hrs)	110	19-Aug-08	03-Feb-09
<b>North Abutment</b>				
5B-10-S23-20N	Temporary Support to Railway Lines	10	15-Aug-08	02-Sep-08
<b>Excavate and Blind</b>				
5B-10-S23-20N	Temporary Support to Railway Lines	5	15-Aug-08	26-Aug-08

Page 22 of 43

Actual Work Remaining Work Critical Remaining Work Summary

Checklist: SCS, BSC, Approved

Date: 22-Sep-10

Revision: Revision 1A (100923)

**EDINBURGH TRAM NETWORK**

23-Sep-10 11:27

Activity ID	Activity Name	Original Start	Finish
5B-10-S23-30N	Excavate	4 26-Aug-08	01-Sep-08
5B-10-S23-31N	Blinding	1 01-Sep-08	02-Sep-08
<b>Wing Walls</b>			
5B-10-S23-72N	Backfill	47 29-Oct-08	15-Nov-08
5B-10-S23-73N	Wing Walls	5 29-Oct-08	05-Nov-08
5B-10-S23-74N	Backfill	8 05-Nov-08	17-Nov-08
5B-10-S23-75N	Wing Walls	2 17-Nov-08	19-Nov-08
5B-10-S23-76N	Parapet Beams	8 27-Nov-08	10-Dec-08
5B-10-S23-53N	Shutter rear face	20 15-Sep-08	12-Oct-08
5B-10-S23-54N	Steelwork	5 15-Sep-08	22-Sep-08
5B-10-S23-55N	Shutter front face	8 24-Sep-08	06-Oct-08
5B-10-S23-56N	Concrete	6 02-Oct-08	10-Oct-08
5B-10-S23-58N	Ballast Wall	1 10-Oct-08	13-Oct-08
5B-10-S23-59N	Ballast Wall	5 27-Jan-09	03-Feb-09
<b>Base Construction</b>			
5B-10-S23-50N	Steel form	8 02-Sep-08	12-Sep-08
5B-10-S23-51N	Shuttering	5 04-Sep-08	12-Sep-08
5B-10-S23-52N	Concrete	1 12-Sep-08	15-Sep-08
South Abutment		110 26-Aug-08	10-Feb-09
5B-10-S23-56S	Ballast Wall	5 04-Feb-09	10-Feb-09
5B-10-S23-72S	Backfill	36 05-Nov-08	12-Jan-09
5B-10-S23-73S	Wing Walls	5 06-Nov-08	13-Nov-08
5B-10-S23-74S	Backfill	8 17-Nov-08	27-Nov-08
5B-10-S23-75S	Wing Walls	2 27-Nov-08	02-Dec-08
5B-10-S23-76S	Parapet Beams	8 10-Dec-08	05-Jan-09
5B-10-S23-57S	Shutter rear face	5 05-Jan-09	12-Jan-09
5B-10-S23-53S	Steelwork	27 30-Sep-08	05-Nov-08
5B-10-S23-54S	Shutter front face	5 30-Sep-08	07-Oct-08
5B-10-S23-55S	Concrete	8 06-Oct-08	16-Oct-08
5B-10-S23-56S	Strike Shuttering and Cure	6 14-Oct-08	23-Oct-08
5B-10-S23-20S	Temporary Support to Railway Lines	1 22-Oct-08	23-Oct-08
5B-10-S23-30S	Excavate	10 26-Aug-08	09-Sep-08
5B-10-S23-31S	Blinding	5 26-Aug-08	02-Sep-08
5B-10-S23-32S	Base Construction	4 02-Sep-08	06-Sep-08
5B-10-S23-58S	Steel form	1 08-Sep-08	09-Sep-08
5B-10-S23-51S	Shuttering	72 12-Sep-08	30-Sep-08
5B-10-S23-52S	Concrete	8 12-Sep-08	24-Sep-08
5B-10-S23-59S	Superstructure	5 22-Sep-08	29-Sep-08
5B-10-S23-60	Bearings	1 29-Sep-08	30-Sep-08
5B-10-S23-61	Possession 3 (16hrs)	102 23-Oct-08	30-Mar-09
5B-10-S23-60	Bearings	42 23-Oct-08	05-Jan-09
5B-10-S23-61	Possession 3 (16hrs)	2 23-Oct-08	27-Oct-08
5B-10-S23-61	Possession 3 (16hrs)	0	02-Jan-09

Page 33 of 43

Actual Work Remaining Work Critical Remaining Work Summary

SCS BSC

Revision 1A (100923)

Approved

**EDINBURGH TRAM NETWORK**

Activity ID	Activity Name	Original Start	Original Duration	Finish
58-10-S23-62	Place Beams	02-Jan-09	1	03-Jan-09
58-10-S23-25	Erect Crash Deck	05-Jan-09	1	06-Jan-09
<b>Reinforced Concrete Deck</b>				
58-10-S23-63	Permanent Formwork	06-Feb-09	26	10-Feb-09
58-10-S23-64	Deck Shuttering	06-Jan-09	13	22-Jan-09
58-10-S23-67	Concrete Diaphragms	06-Jan-09	25	09-Feb-09
58-10-S23-68	Deck Reinforcement	20-Jan-09	11	20-Jan-09
58-10-S23-65	Concrete Deck	22-Jan-09	1	08-Feb-09
58-10-S23-66	Concrete Parapet Beam	10-Feb-09	1	27-Jan-09
<b>Deck Finishes</b>				
58-10-S23-82	Waterproofing (inc. deck curbing)	10-Feb-09	10	30-Mar-09
58-10-S23-80	Expansion Joints	25-Feb-09	1	24-Feb-09
58-10-S23-81	Parapet Rails	25-Feb-09	5	04-Mar-09
58-10-S23-83	Walkway Construction	10-Mar-09	10	30-Mar-09
<b>Run On Run Off Slabs</b>				
58-10-S23-71	Backfill and cast slab south	12-Jan-09	8	04-Feb-09
58-10-S23-70	Backfill and cast slab north	04-Feb-09	8	29-Jan-09
<b>Tracklaying</b>				
58-10B-S23-84	Containment Slabs	05-Mar-09	8	16-Jan-09
58-10B-TRCK-70	Fix Rails	17-Mar-09	9	27-Mar-09
<b>M &amp; E Works</b>				
58-10-S23-85	OLE Supports	30-Mar-09	8	08-Apr-09
58-10-S23-86	Catenary Cables	09-Apr-09	8	21-Apr-09
58-10-S23-87	Possessions 4 (12hrs)	09-Apr-09	0	21-Apr-09
58-10-S23-84	OLE Supports and Catenary over Tracks	22-Apr-09	1	22-Apr-09
<b>Trackwork (1690m)</b>				
58-10A-TRCK-30	Earthworks - Subbase	16-Apr-09	20	15-May-09
58-10A-TRCK-50	OLE Foundations - Drainage	15-May-09	23	18-Jun-09
58-10A-TRCK-40	Bottom Ballast - Ducts	18-Jun-09	23	21-Jul-09
58-10A-TRCK-70	Track laying (1160m)	05-May-10	22	07-Jun-10
58-10A-TRCK-76	Top Ballast	08-Jun-10	15	28-Jun-10
58-10A-TRCK-80	Fencing & Trackside Finishes	29-Jun-10	23	29-Jul-10
<b>Concrete Slab Track 590m</b>				
58-10C-TRCK-30	Earthworks - Subbase	18-Mar-09	33	29-Jul-10
58-10C-TRCK-40	OLE Foundations - Drainage - Ducts	07-May-09	24	07-May-09
58-10C-TRCK-70	Track laying	04-Jun-10	28	13-Jul-10
58-10C-TRCK-80	Fencing & Finishes	14-Jul-10	12	28-Jul-10
<b>Saughton Road North Tram Stop</b>				
58-10-TRMS-90	Civil Engineering and Building Works	14-Jul-10	65	09-Dec-10
58-10-TRMS-20	Order REC Supply	0	0	28-Jul-10
58-10-TRMS-30	Access for visual inspection for EAM Tram Stop installation (05B Saughton Road North)	0	0	24-Aug-10
58-10-TRMS-40	Deliver and Install Shelter	09-Sep-10	10	22-Sep-10
58-10-TRMS-31	Access for EAM Tram Stop installation (05B Saughton Road North)	0	0	22-Sep-10
58-10-TRMS-50	Install LV Power Supply and LV Power Equipment	23-Sep-10	25	27-Oct-10

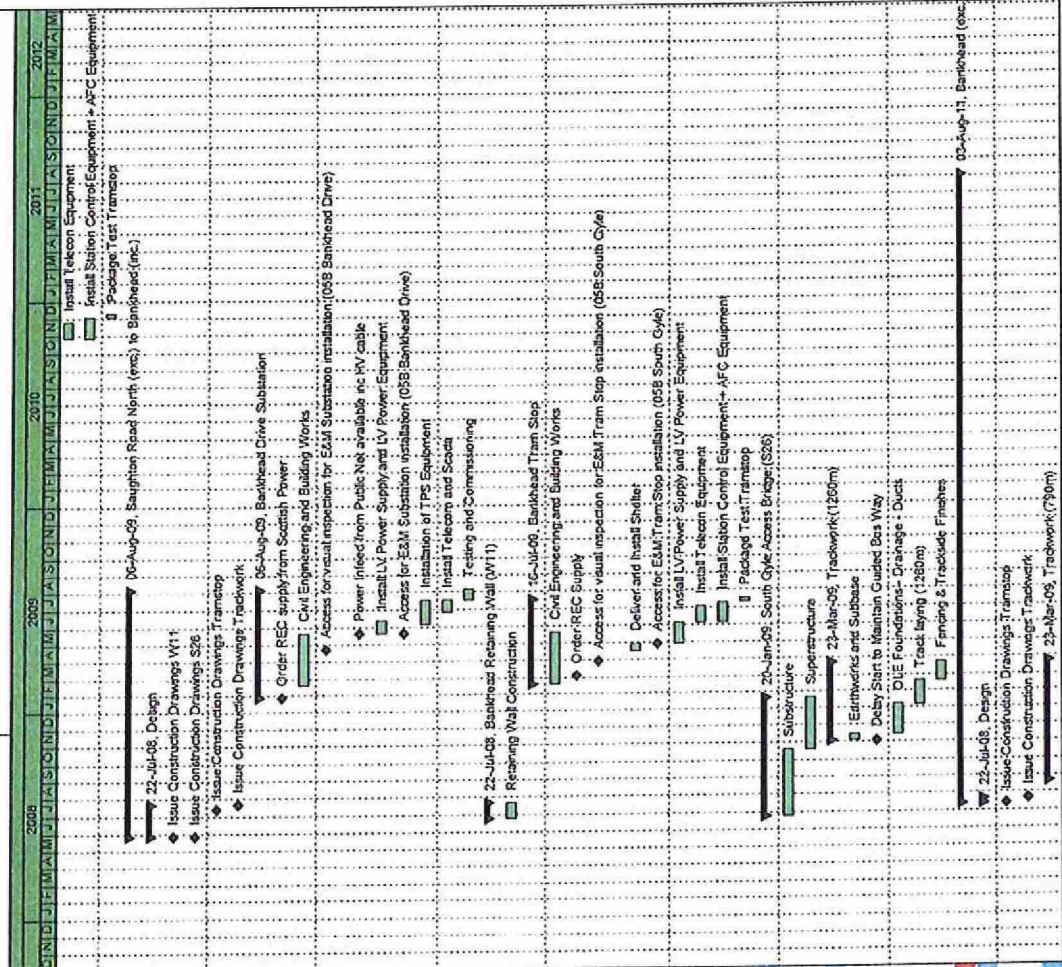
Actual Work Remaining Work Critical Remaining Work

Page 24 of 43

Summary

**EDINBURGH TRAM NETWORK**

Activity ID	Activity Name	Original Duration	Start	Finish
5B-10-TRMS-70	Install Telecom Equipment	20	28-Oct-10	24-Nov-10
5B-10-TRMS-80	Install Station Control Equipment + AFC Equipment	25	28-Oct-10	02-Dec-10
5B-10-TRMS-90	Package Test Tramstop	5	03-Dec-10	08-Dec-10
<b>Saughton Road North (exc) to Bankhead (inc)</b>				
Design		297	27-May-08	06-Aug-09
5B-09-W11-10	Issue Construction Drawings W11	40	27-May-08	22-Jul-08
5B-09-S26-10	Issue Construction Drawings S26	0	27-May-08	27-May-08
5B-09-TRMS-10	Issue Construction Drawings Tramstop	0	14-Jul-08	14-Jul-08
5B-09-TRCK-10	Issue Construction Drawings Trackwork	0	22-Jul-08	22-Jul-08
<b>Bankhead Drive Substation</b>				
5B-09-SUBS-20	Order REC supply from Scottish Power	124	27-Jun-09	06-Aug-09
5B-09-SUBS-30	Civil Engineering and Building Works	65	17-Feb-09	20-May-09
5B-09-SUBS-30	Access for visual inspection for E&M Substation installation (05B Bankhead Drive)	0	21-Apr-09	
5B-09-SUBS-40	Power Infeed from Public Net available inc HV cable	0	21-May-09	
5B-09-SUBS-50	Install LV Power Supply and LV Power Equipment	15	21-May-09	11-Jun-09
5B-09-SUBS-31	Access for E&M Substation installation (05B Bankhead Drive)	0	21-May-09	
5B-09-SUBS-60	Installation of TPS Equipment	30	05-Jun-09	16-Jul-09
5B-09-SUBS-70	Install Telecom and Scada	15	26-Jun-09	16-Jul-09
5B-09-SUBS-80	Testing and Commissioning	14	17-Jul-09	06-Aug-09
<b>Bankhead Retaining Wall (W11)</b>				
5B-09-W11-100	Retaining Wall Construction	20	24-Jun-08	22-Jul-08
5B-09-W11-100	Retaining Wall Construction	20	24-Jun-08	22-Jul-08
<b>Bankhead Tram Stop</b>				
5B-09-TRMS-90	Civil Engineering and Building Works	105	17-Feb-09	16-Jul-09
5B-09-TRMS-20	Order REC Supply	65	17-Feb-09	20-May-09
5B-09-TRMS-30	Access for visual inspection for E&M Tram Stop installation (05B South Gyle)	0	30-Mar-09	
5B-09-TRMS-40	Deliver and Install Shelter	10	15-Apr-09	28-Apr-09
5B-09-TRMS-31	Access for E&M Tram Stop installation (05B South Gyle)	0	28-Apr-09	
5B-09-TRMS-50	Install LV Power Supply and LV Power Equipment	25	29-Apr-09	04-Jun-09
5B-09-TRMS-70	Install Telecom Equipment	20	05-Jun-09	02-Jul-09
5B-09-TRMS-60	Install Station Control Equipment + AFC Equipment	25	05-Jun-09	09-Jul-09
5B-09-TRMS-80	Package Test Tramstop	5	10-Jul-09	16-Jul-09
<b>South Gyle Access Bridge (S26)</b>				
5B-09-S26-80	Substructure	138	24-Jun-08	20-Jan-09
5B-09-S26-91	Superstructure	83	24-Jun-08	20-Oct-08
5B-09-S26-91	Superstructure	55	20-Oct-08	20-Jan-09
<b>Trackwork (1260m)</b>				
5B-09-TRCK-30	Earthworks and Subbase	8	04-Nov-08	14-Nov-08
5B-09-TRCK-15	Delby Start to Maintain Guided Bus Way	0	04-Nov-08	04-Nov-08
5B-09-TRCK-50	O&L Foundations - Drainage - Ducts	28	14-Nov-08	02-Jan-09
5B-09-TRCK-70	Track Laying (1260m)	31	05-Jan-09	16-Feb-09
5B-09-TRCK-80	Fencing & Trackside Finishes	25	17-Feb-09	23-Mar-09
<b>Bankhead (exc) to Edinburgh Park Station (inc)</b>				
Design		752	14-Jul-08	03-Aug-11
5B-09-TRMS-10	Issue Construction Drawings Tramstop	6	14-Jul-08	22-Jul-08
5B-09-TRCK-10	Issue Construction Drawings Trackwork	0	14-Jul-08	14-Jul-08
5B-09-TRCK-10	Issue Construction Drawings Trackwork	0	22-Jul-08	22-Jul-08
<b>Trackwork (790m)</b>				
5B-09-TRCK-10	Issue Construction Drawings Trackwork	142	20-Aug-08	23-Mar-09



Page 35 of 43

Actual Work Remaining Work Critical Remaining Work

Remaining Work Milestone

Checked Approved

SCS BSC

Date Revision

23-Sep-10 Revision 1A (100923)

# EDINBURGH TRAM NETWORK

Activity ID	Activity Name	Original Start	Original Duration	Finish	2008	2009	2010	2011	2012
5B-08-TRCK-30	Earthworks and Subbase	15	20-Aug-08	10-Sep-08					
5B-08-TRCK-50	OLE Foundations - Drainage	32	10-Sep-08	24-Oct-08					
5B-08-TRCK-40	Ducts and Bottom Ballast	16	24-Oct-08	17-Nov-08					
5B-08-TRCK-70	Track laying (790m)	21	15-Jan-09	13-Feb-09					
5B-08-TRCK-76	Top Ballast	10	13-Feb-09	27-Feb-09					
5B-08-TRCK-80	Fencing and Trackbed finishes	16	27-Feb-09	23-Mar-09					
<b>Edinburgh Park Station Tram Stop</b>									
5B-08-TRMS-90	Civil Engineering and Substructures	610	13-Feb-09	03-Aug-11					
5B-08-TRMS-20	Order REC Supply	65	13-Feb-09	19-May-09					
5B-08-TRMS-20	Access for visual inspection for EAM Tram Stop installation (05B Edinburgh Park Station)	0	27-Feb-09						
5B-08-TRMS-40	Deliver and Install Shelter	10	13-Apr-09	27-Apr-09					
5B-08-TRMS-50	Install LV Power Supply and LV Power Equipment	25	27-Apr-09	03-Jun-09					
5B-08-TRMS-31	Access for EAM Tram Stop installation (05B Edinburgh Park Station)	0	27-Apr-09						
5B-08-SIG-40	Installation of SIG-interlocking cubicle	15	12-May-09	02-Jun-09					
5B-08-TRMS-70	Install Telecom Equipment	20	03-Jun-09	01-Jul-09					
5B-08-TRMS-60	Install Station Control Equipment + AFC Equipment	25	03-Jun-09	08-Jul-09					
5B-08-TRMS-80	Package Test Tramstop	5	08-Jul-09	15-Jul-09					
5B-08-SIG-80	Commissioning of SIG interlocking cubicle	5	27-Jul-11	03-Aug-11					
<b>Edinburgh Park Station (exc.) to Edinburgh Park Central (inc.)</b>									
5B-07-S27-10	Design	433	27-May-08	02-Feb-10					
5B-07-S27-10	Issue Construction Drawings S27	0	27-May-08	23-Jun-08					
5B-07-TRMS-10	Issue Construction Drawings Tramstop	0	14-Jul-08						
5B-07-TRCK-10	Issue Construction Drawings Trackwork	0	22-Jun-08						
<b>Edinburgh Park Central Tram Stop</b>									
5B-07-TRMS-90	Civil Engineering and Building Works	105	24-Aug-09	02-Feb-10					
5B-07-TRMS-20	Order REC Supply	65	24-Aug-09	23-Nov-09					
5B-07-TRMS-30	Access for visual inspection for EAM Tram Stop installation (05B Edinburgh Park)	0	07-Sep-09						
5B-07-TRMS-40	Deliver and Install Shelter	10	19-Oct-09	02-Nov-09					
5B-07-TRMS-50	Install LV Power Supply and LV Power Equipment	25	02-Nov-09	08-Dec-09					
5B-07-TRMS-31	Access for EAM Tram Stop installation (05B Edinburgh Park)	0	02-Nov-09						
5B-07-TRMS-70	Install Telecom Equipment	20	08-Dec-09	19-Jan-10					
5B-07-TRMS-60	Install Station Control Equipment + AFC Equipment	25	08-Dec-09	26-Jan-10					
5B-07-TRMS-80	Package Test Tramstop	5	26-Jan-10	02-Feb-10					
<b>Trackwork (854m)</b>									
5B-07-TRCK-30	Earthworks-Subbase	273	20-Aug-08	28-Sep-09					
5B-07-TRCK-50	OLE Foundations - Drainage	11	20-Aug-08	04-Sep-08					
5B-07-TRCK-40	Track Formation - Ducts	19	04-Sep-08	01-Oct-08					
5B-07-TRCK-70	Track laying (854m)	16	01-Oct-08	23-Oct-08					
5B-07-TRCK-80	Track Finishes	47	17-Jun-09	24-Aug-09					
5B-07-TRCK-81	Fencing	15	24-Aug-09	14-Sep-09					
5B-07-TRCK-81	Fencing	10	14-Sep-09	28-Sep-09					
<b>Edinburgh Park Station Bridge (S27)</b>									
5B-07-S27-11	Establishment	212	05-Aug-08	17-Jun-09					
5B-07-S27-11	Access Roads /Site Clearance /Offices & Compounds	20	05-Aug-08	02-Sep-08					
5B-07-S27-11	Access Roads /Site Clearance /Offices & Compounds	20	05-Aug-08	02-Sep-08					
<b>Substructure</b>									
5B-07-S27-11	Access Roads /Site Clearance /Offices & Compounds	95	27-Aug-08	16-Jan-09					

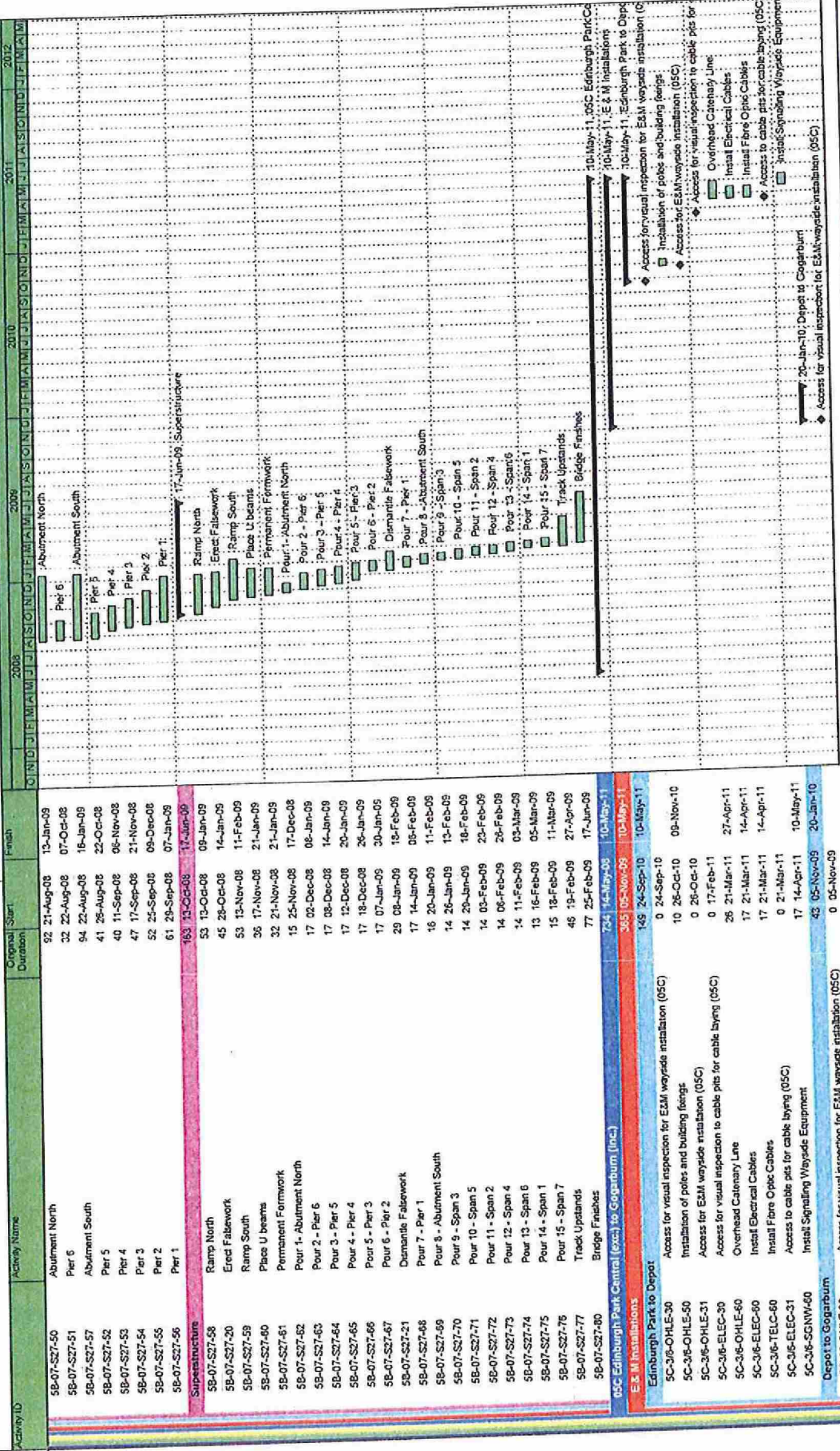
Page 36 of 43

Actual Work Remaining Work Critical Remaining Work Milestone

23-Sep-10 Revision 1A (100923) SCS SSC Approved

Summary

# EDINBURGH TRAM NETWORK



█ Actual Work
 █ Remaining Work
 █ Critical Remaining Work
 ◆ Milestone

Checked: ESC  
 Revision: SCS

Date: 23-Sep-10  
 Revision: 1A(100923)

Page 37 of 43  
 Summary

Activity ID	Activity Name	Original Start	Original Duration	Finish
5C-02-ELEC-30	Access for visual inspection to cable pits for cable laying (OSC)	0	12-Nov-09	15-Dec-09
5C-02-OHLE-50	Installation of poles and building fittings	5	08-Dec-09	
5C-02-OHLE-31	Access for EMW wayside installation (OSC)	0	08-Dec-09	
5C-02-OHLE-60	Overhead Catenary Line	11	15-Dec-09	13-Jan-10
5C-02-ELEC-60	Install Electrical Cables	8	15-Dec-09	08-Jan-10
5C-02-TELC-60	Install Fibre Optic Cables	8	15-Dec-09	08-Jan-10
5C-02-ELEC-31	Access to cable pits for cable laying (OSC)	0	15-Dec-09	
5C-02-SGNW-60	Install Signalling Wayside Equipment	8	08-Jan-10	20-Jan-10
<b>Edinburgh Park (exc) to Gyle Centre (inc)</b>				
<b>Design</b>				
5C-06-W16-10	Issue Construction Drawings W16	85	14-May-08	21-Oct-09
5C-06-TRCK-10	Issue Construction Drawings Trackwork	0	14-May-08	14-May-08
5C-06-TRMS-10	Issue Construction Drawings Tramstop	0	05-Aug-08	05-Aug-08
<b>Trackwork (760m)</b>				
5C-06-TRCK-30	Earthworks and Subbase	217	02-Sep-08	21-Jul-09
5C-06-TRCK-50	OLE Foundations - Drainage	20	02-Sep-08	30-Sep-08
5C-06-TRCK-40	Track Formations and Ducts	30	30-Sep-08	11-Nov-08
5C-06-TRCK-30	Road Crossings	16	11-Nov-08	04-Dec-08
5C-06-TRCK-70	Track laying (760m)	21	19-Mar-09	17-Apr-09
5C-06-TRCK-80	Track Finishes	24	24-Apr-09	26-May-09
5C-06-TRCK-81	Fencing	27	27-May-09	29-Jun-09
5C-06-TRCK-81	Fencing	16	30-Jun-09	21-Jul-09
<b>Gyle Centre Tram Stop</b>				
5C-06-TRMS-90	Civil Engineering and Building Works	105	27-May-09	21-Oct-09
5C-06-TRMS-20	Order REC Supply	65	27-May-09	26-Aug-09
5C-06-TRMS-30	Access for visual inspection for EMW Tram Stop installation (OSC Gyle)	0	10-Jun-09	
5C-06-TRMS-40	Deliver and Install Shelter	10	29-Jul-09	05-Aug-09
5C-06-TRMS-31	Access for EMW Tram Stop installation (OSC Gyle)	0	05-Aug-09	
5C-06-TRMS-50	Install LV Power Supply and LV Power Equipment	25	06-Aug-09	09-Sep-09
5C-06-TRMS-70	Install Telecom Equipment	20	10-Sep-09	07-Oct-09
5C-06-TRMS-60	Install Station Control Equipment + AFC Equipment	25	10-Sep-09	14-Oct-09
5C-06-TRMS-80	Package Test Tramstop	5	15-Oct-09	21-Oct-09
<b>Gyle Centre Tram Stop Retaining Wall (W16)</b>				
5C-06-W16-100	Wall Construction	20	13-Jun-08	10-Jul-08
<b>Gyle Centre (exc) to Depot Stop (inc)</b>				
<b>Design</b>				
5C-03-W28-05	SDS Design Complete W28	74	25-Jun-08	21-Oct-10
5C-03-W28-10	Issue Construction Drawings W28	0	25-Jun-08	25-Jun-08
5C-03-TRCK-10	Issue Construction Drawings Trackwork	0	30-Jul-08	30-Jul-08
5C-03-S32-10	Issue Construction Drawings S32	0	05-Aug-08	05-Aug-08
<b>A&amp;E Underpass (W28)</b>				
5C-03-W28-90	Phase 1	229	28-Aug-08	05-Aug-09
5C-03-W28-91A	Working around BT ducts (dummy)	46	28-Aug-08	31-Oct-08
5C-03-W28-81	Phase 2	20	31-Oct-08	28-Nov-08
5C-03-W28-02	Phase 3	58	03-Mar-09	02-Mar-09
5C-03-W28-03	Phase 4	49	27-May-09	27-May-09
5C-03-W28-94	Subway Construction	49	27-May-09	05-Aug-09

Page 38 of 43

Actual Work Remaining Work Critical Remaining Work Milestone

Date: 23-Sep-10  
Revision: Revision 1A (100923)  
Checked: SCS  
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Activity ID	Activity Name	Original Start Duration	Finish
5C-02-S32-100	Depot Access Bridge (S32)	115 05-Aug-09	22-Jan-10
	Dummy S32	115 05-Aug-09	22-Jan-10
	Trackwork (562m)	197 28-Jun-10	21-Oct-10
5C-02-TRCK-30	Bulk Excavation	12 23-Jan-10	15-Feb-10
5C-02-TRCK-50	Drainage and OLE Foundations	23 15-Feb-10	18-Mar-10
5C-02-TRCK-40	Track Formation and Ducts	12 18-Mar-10	06-Apr-10
5C-02-TRCK-70	Track Laying (562m)	50 02-Jul-10	10-Sep-10
5C-02-TRCK-80	Track Finishes	18 13-Sep-10	06-Oct-10
5C-02-TRCK-81	Fencing and Reinforcements	11 07-Oct-10	21-Oct-10
A8 Retaining Walls (W16)	AS Retaining Walls (W16)	95 21-Jan-09	08-Jun-09
5C-02-W16-100	Soil Nailing	95 21-Jan-09	08-Jun-09
	Depot Stop (exc.) to Gogarburn (Incl.)	416 05-Aug-08	16-Apr-10
	Design	28 05-Aug-08	12-Sep-08
5C-02-TRCK-10	Issue Construction Drawings Trackwork	0	05-Aug-08*
5C-02-TRMS-10	Issue Construction Drawings Tramstop	0	12-Sep-08*
	Trackwork (562m)	140 05-Jun-09	06-Jan-10
5C-02-TRCK-31	Ramp Wall out of depot (details unknown)	30 08-Jun-09	20-Jul-09
5C-02-TRCK-30	Earthworks and Subbase	12 20-Jul-09	08-Aug-09
5C-02-TRCK-50	Drainage and OLE Foundations	23 06-Aug-09	08-Sep-09
5C-02-TRCK-40	Track Formation and Ducts	12 08-Sep-09	24-Sep-09
5C-02-TRCK-70	Track Laying (562m)	34 24-Sep-09	11-Nov-09
5C-02-TRCK-80	Track Finishes	18 11-Nov-09	08-Dec-09
5C-02-TRCK-81	Fencing and Reinforcements	11 08-Dec-09	05-Jan-10
	Gogarburn Tram Stop	105 04-Nov-09	16-Apr-10
5C-02-TRMS-30	Civil Engineering and Building Works	65 04-Nov-09	18-Feb-10
5C-02-TRMS-20	Order REC Supply	0	18-Nov-09
5C-02-TRMS-30	Access for visual inspection for E&M Tram Stop installation (OSC Gogarburn)	0	28-Dec-09
5C-02-TRMS-40	Deliver and Install Shelter	10 14-Jan-10	23-Jan-10
5C-02-TRMS-50	Install LV Power Supply and LV Power Equipment	25 28-Jan-10	04-Mar-10
5C-02-TRMS-31	Access for E&M Tram Stop installation (OSC Gogarburn)	0	28-Jan-10
5C-02-TRMS-70	Install Telecom Equipment	20 04-Mar-10	01-Apr-10
5C-02-TRMS-60	Install Station Control Equipment + AFC Equipment	25 04-Mar-10	09-Apr-10
5C-02-TRMS-80	Package Test Tramstop	5 05-Apr-10	15-Apr-10
	SECTION 06 GOGAR DEPOT	601 30-May-08	02-Nov-10
	Opening Sequence A (Airport to Haymarket)	601 30-May-08	02-Nov-10
	06A Gogar Depot	601 30-May-08	02-Nov-10
	Design	21 30-May-08	30-Jun-08
6A-01-TRCK-10	Issue Construction Drawings Earthworks	0	30-May-08*
6A-01-BLDS-10	Issue Construction Drawings Steelwork	0	25-Jun-08*
6A-01-TRCK-10A	Issue Construction Drawings Drainage	0	30-Jun-08*
	Earthworks	95 21-Jan-09	08-Jun-09
6A-01-TRCK-30	Earth Works	90 25-Jan-09	08-Jun-09
6A-01-TRCK-50	Drainage and Outfall	237 08-Jun-09	25-May-10
	Trackwork (3492m)		

█ Actual Work   
 █ Critical Remaining Work   
 █ Summary  
█ Remaining Work   
 ◆ Milestone

Date: 23-Sep-10   
 Revision: Revision 1A (100923)   
 Checked: SCS   
 Approved: ESC

Page 39 of 43

Programme Revision 1A (100923)

**EDINBURGH TRAM NETWORK**

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23-Sep-10 11:27

Activity ID	Activity Name	Original Duration	Start	Finish
6A-01-TRCK-40	Trackwork	180	08-Jun-09	05-Mar-10
6A-01-TRCK-70	Track Laying Ballast Track	107	25-Aug-09	05-Feb-10
6A-01A-TRCK-70	Track Laying Ballast Track & Embedded Track	46	05-Feb-10	13-Apr-10
6A-01B-TRCK-70	Track Laying Column Track	11	13-Apr-10	28-Apr-10
6A-01C-TRCK-70	Track Laying Finishing	18	28-Apr-10	25-May-10
6A-01-BLDS-40	Depot Building	553	07-Aug-08	02-Nov-10
6A-01-BLDS-50	Foundations	55	25-Feb-09	15-May-09
6A-01-BLDS-55	Substructure and Superstructure (Steelwork)	50	25-Mar-09	02-Jun-09
6A-01-BLDS-55	Pits	40	23-Apr-09	22-Jun-09
6A-01-BLDS-60	Substructure and Superstructure	60	23-Apr-09	20-Jul-09
6A-01-BLDS-65	Building Envelope	90	23-Apr-09	01-Sep-09
6A-01-BLDS-15	Procurement	64	07-Aug-08	05-Nov-08
6A-01-BLDS-15	Steel Work Fabrication	64	07-Aug-08	05-Nov-08
6A-01-BLDS-71	Fitting Out & Finishes	160	04-Aug-09	31-Mar-10
6A-01-BLDS-70	Building Services Installation	160	04-Aug-09	31-Mar-10
6A-01-BLDS-30	Building Services Commissioning	140	04-Aug-09	03-Mar-10
6A-01-BLDS-72	E & M Workshop Equipment Installation	130	15-Sep-09	31-Mar-10
6A-01-BLDS-72	Access for visual inspection for E&M workshop equipment	151	30-Mar-10	05-Oct-10
6A-01-BLDS-31	Installation of workshop equipment	130	31-Mar-10	05-Oct-10
6A-01-BLDS-31	Access for E&M workshop equipment	0	31-Mar-10	
6A-01-BLDS-81	Inspection and Handover	20	05-Oct-10	02-Nov-10
6A-01-SUBS-80	Depot Substation	20	05-Oct-10	02-Nov-10
6A-01-SUBS-20	Civil Engineering and Building Works	375	04-Mar-09	03-Sep-10
6A-01-SUBS-20	Order REC supply from Scottish Power	140	04-Mar-09	22-Sep-09
6A-01-SUBS-20	Access for visual inspection for E&M Substation installation (06A Depot)	0	01-Jun-09	
6A-01-SUBS-40	Power Infeed from Public Net available mc HV cable	0	22-Sep-09	
6A-01-SUBS-50	Install LV Power Supply and LV Power Equipment	15	22-Sep-09	13-Oct-09
6A-01-SUBS-31	Access for E&M Substation installation (06A Depot)	0	22-Sep-09	
6A-01-SUBS-50	Installation of TPS Equipment	30	06-Oct-09	17-Nov-09
6A-01-SIG-40	Installation of SIG-interlocking cubicle	15	06-Oct-09	27-Oct-09
6A-01-SUBS-70	Install Telecom and Scada	15	27-Oct-09	17-Nov-09
6A-01-SUBS-80	Testing and Commissioning	14	17-Nov-09	08-Dec-09
6A-01-SIG-80	Commissioning of SIG -interlocking cubicle	5	27-Aug-10	03-Sep-10
6A-01-ROAD-90N	Access Roads	255	18-Mar-09	31-Mar-10
6A-01-ROAD-90CP	North Side	45	18-Mar-09	22-May-09
6A-01-ROAD-90T	Car Park & Handover	180	30-Apr-09	16-Dec-09
6A-01-ROAD-90SA	Track & Stabling Area	70	30-Apr-09	11-Aug-09
6A-01-ROAD-90S	Shunting Area	70	15-May-09	25-Aug-09
6A-01-ROAD-92	South Side	20	22-May-09	22-Jun-09
6A-01-ROAD-95	Finishes	190	22-Jun-09	31-Mar-10
6A-01-ROAD-95	Handover to trackworks resource	0		
6A-01-OHLE-30	E & M Installations	190	22-Apr-10	29-Oct-10
6A-01-OHLE-30	Access for visual inspection for E&M Depot installation	0	22-Apr-10	

23-Sep-10 Revision 1A (100923) SCS BSC Approved

Page 40 of 43

Actual Work Remaining Work Critical Remaining Work Milestone Summary

# EDINBURGH TRAM NETWORK

Activity Name	Original Start	Original Duration	Finish
6A-01-OHLE-50	25-May-10	32	09-Jul-10
6A-01-OHLE-51	25-May-10	0	23-Jun-10
6A-01-ELEC-30	09-Jun-10	76	26-Oct-10
6A-01-OHLE-60	09-Jun-10	12	23-Jul-10
6A-01-ELEC-60	23-Jul-10	0	11-Aug-10
6A-01-TELC-60	23-Jul-10	0	27-Aug-10
6A-01-ELEC-31	25-Feb-08	640	23-Sep-10
6A-01-SCNW-60	25-Feb-08	640	23-Sep-10
<b>SECTION 07 GOGAR TO EDINBURGH AIRPORT</b>			
<b>Opening Sequence A (Airport to Haymarket)</b>			
<b>07A Gogarburn (exc.) to Edinburgh Airport (line)</b>			
<b>E &amp; M Installations</b>			
7A-04/05-OHLE-30	25-Mar-10	102	19-Aug-10
7A-04/05-OHLE-30	25-Mar-10	0	25-Mar-10
7A-04/05-OHLE-50	27-Apr-10	20	25-May-10
7A-04/05-OHLE-31	27-Apr-10	0	27-Apr-10
7A-04/05-ELEC-30	10-May-10	0	10-May-10
7A-04/05-OHLE-60	26-May-10	48	03-Aug-10
7A-04/05-ELEC-60	10-Jun-10	25	14-Jul-10
7A-04/05-TELC-60	10-Jun-10	25	14-Jul-10
7A-04/05-ELEC-31	10-Jun-10	0	10-Jun-10
7A-04/05-SCNW-60	15-Jul-10	55	19-Aug-10
<b>Gogarburn (exc.) to Ingliston Park &amp; Rose (inc)</b>			
7A-04-TRMS-05	25-Feb-08	239	23-Sep-10
7A-04-TRCK-05	02-Oct-08	154	02-Oct-08
7A-04-S29-30	25-Feb-08	0	25-Feb-08
7A-04-S29-40	13-May-08	0	13-May-08
7A-04-TRMS-10	03-May-08	0	03-May-08
7A-04-S30-10	27-Aug-08	0	27-Aug-08
7A-04-TRCK-10	18-Sep-08	0	18-Sep-08
7A-04-TRCK-10	02-Oct-08	0	02-Oct-08
<b>Gogarburn Underbridge (S29)</b>			
7A-04-ERTH-30	12-May-08	288	10-Jun-08
7A-04-S29-30	12-May-08	130	10-Nov-08
7A-04-S29-40E	13-Jun-08	16	07-Jul-08
7A-04-S29-40E	17-Nov-08	10	01-Dec-08
7A-04-S29-40W	02-Dec-08	36	03-Feb-09
7A-04-S29-50E	09-Dec-08	36	09-Dec-08
7A-04-S29-50W	04-Feb-09	15	24-Feb-09
7A-04-S29-60	25-Feb-09	15	25-Feb-09
7A-04-S29-70E	18-Mar-09	41	18-Mar-09
7A-04-S29-70W	11-May-09	29	15-May-09
7A-04-S29-70W	02-Jun-09	29	02-Jun-09
7A-04-S30-30	16-Oct-08	55	16-Oct-08
7A-04-S30-60	12-Nov-08	19	12-Nov-08
7A-04-S30-50	12-Nov-08	5	12-Nov-08
7A-04-S30-60	19-Nov-08	20	19-Nov-08
7A-04-S30-80	18-Dec-08	11	18-Dec-08
<b>Trackwork (1750m)</b>			
	13-Jul-09	223	09-Jun-10

23-Sep-10 11:27

Page 41 of 43

Actual Work Remaining Work Critical Remaining Work

Revision 1A (100923)

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Summary

Milestone

# EDINBURGH TRAM NETWORK



23-Sep-10 11.27

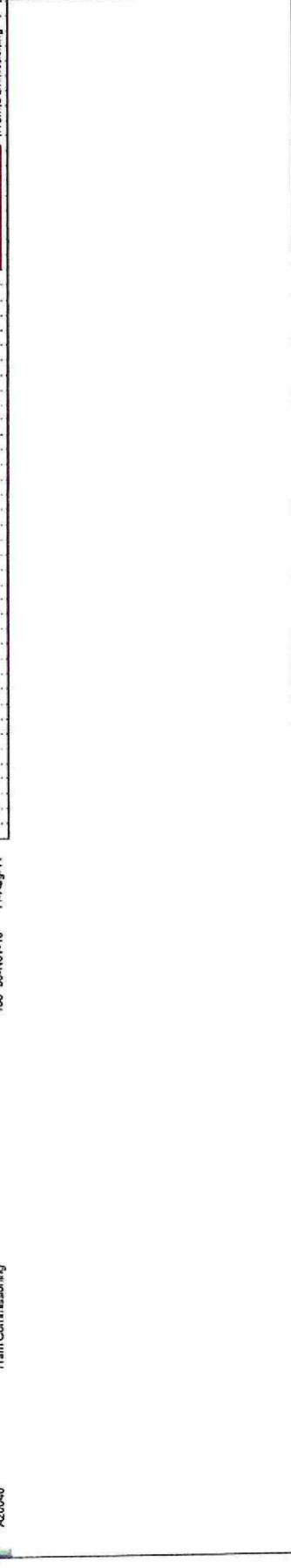
Activity ID	Activity Name	Original Start	Original Duration	Actual Start	Actual Duration	Activity Type	2009	2010	2011	2012
7A-04-TRCK-30	Earthworks and Subbase	27 13-Jul-09	19-Aug-09	19-Aug-09	19-Aug-09	Actual Work				
7A-04-TRCK-50	Drainage and OLE Foundations	35 20-Aug-09	07-Oct-09	07-Oct-09	07-Oct-09	Actual Work				
7A-04-TRCK-40	Bottom Ballast and Ducts	35 08-Oct-09	25-Nov-09	25-Nov-09	25-Nov-09	Actual Work				
7A-04-TRCK-70	Track Laying (1750m)	69 26-Nov-09	17-Mar-10	17-Mar-10	17-Mar-10	Actual Work				
7A-04-TRCK-76	Top Ballast	22 18-Mar-10	19-Apr-10	19-Apr-10	19-Apr-10	Actual Work				
7A-04-TRCK-80	Fencing & Trackside Fences	35 20-Apr-10	09-Jun-10	09-Jun-10	09-Jun-10	Actual Work				
Ingliston Park and Ride Tram Stop		105 04-Dec-09	17-May-10	17-May-10	17-May-10	Actual Work				
7A-04-TRMS-90	Civil Engineering and Building Works	05 04-Dec-09	18-Mar-10	18-Mar-10	18-Mar-10	Actual Work				
7A-04-TRMS-20	Order REC Supply	0 18-Dec-09				Actual Work				
7A-04-TRMS-20	Access for visual inspection for EAM Tram Stop installation (07A)	0 26-Jan-10				Actual Work				
7A-04-TRMS-40	Deliver and Install Shelter	10 12-Feb-10	25-Feb-10	25-Feb-10	25-Feb-10	Actual Work				
7A-04-TRMS-31	Access for EAM Tram Stop installation (07A) Ingliston Park+Ride	0 25-Feb-10				Actual Work				
7A-04-TRMS-50	Install LV Power Supply and LV Power Equipment	25 26-Feb-10	01-Apr-10	01-Apr-10	01-Apr-10	Actual Work				
7A-04-TRMS-70	Install Telecom Equipment	20 05-Apr-10	30-Apr-10	30-Apr-10	30-Apr-10	Actual Work				
7A-04-TRMS-60	Install Station Control Equipment + AFC Equipment	25 05-Apr-10	10-May-10	10-May-10	10-May-10	Actual Work				
7A-04-TRMS-80	Package Test Tramstop	5 11-May-10	17-May-10	17-May-10	17-May-10	Actual Work				
Ingliston Park and Ride Substation		134 12-Nov-09	08-Jun-10	08-Jun-10	08-Jun-10	Actual Work				
7A-04-SUBS-20	Order REC supply from Scottish Power	0 12-Nov-09				Actual Work				
7A-04-SUBS-30	Civil Engineering and Building Works	65 04-Dec-09	18-Mar-10	18-Mar-10	18-Mar-10	Actual Work				
7A-04-SUBS-30	Access for visual inspection for EAM Substation installation (07A)	0 17-Feb-10				Actual Work				
7A-04-SUBS-40	Power Intered from Public Net available inc HV cable	0 19-Mar-10				Actual Work				
7A-04-SUBS-50	Install LV Power Supply and LV Power Equipment	15 19-Mar-10	12-Apr-10	12-Apr-10	12-Apr-10	Actual Work				
7A-04-SUBS-31	Access for EAM Substation installation (07A) Ingliston Park and Ride	0 19-Mar-10				Actual Work				
7A-04-SUBS-60	Installation of TPS Equipment	30 05-Apr-10	18-May-10	18-May-10	18-May-10	Actual Work				
7A-04-SUBS-70	Install Telecom and Scada	15 26-Apr-10	18-May-10	18-May-10	18-May-10	Actual Work				
7A-04-SUBS-80	Testing and Commissioning	14 18-May-10	08-Jun-10	08-Jun-10	08-Jun-10	Actual Work				
Enabling Works		28 03-Mar-08	10-Apr-08	10-Apr-08	10-Apr-08	Actual Work				
7A-04-ERTH-20	Site and Vegetation Clearance	14 03-Sep-10	23-Sep-10	23-Sep-10	23-Sep-10	Actual Work				
Tram		20 03-Sep-10	23-Sep-10	23-Sep-10	23-Sep-10	Actual Work				
07-04-TRAM-20	Track Testing of Tram	635 03-Mar-08	23-Sep-10	23-Sep-10	23-Sep-10	Actual Work				
Ingliston Park & Ride (exc) to Edinburgh Airport (Incl)		105 13-May-08	05-Oct-08	05-Oct-08	05-Oct-08	Actual Work				
Design		0 13-May-08	05-Oct-08	05-Oct-08	05-Oct-08	Actual Work				
7A-05-TRCK-05	SDS Design Complete Trackwork	0 13-May-08	13-May-08	13-May-08	13-May-08	Actual Work				
7A-05-TRMS-05	SDS Design Complete Tramstop	0 14-May-08	14-May-08	14-May-08	14-May-08	Actual Work				
7A-05-W14-05	SDS Design Complete W14	0 29-Aug-08	29-Aug-08	29-Aug-08	29-Aug-08	Actual Work				
7A-05-TRMS-10	Issue Construction Drawings Tramstop	0 10-Sep-08	10-Sep-08	10-Sep-08	10-Sep-08	Actual Work				
7A-05-S24-10	Issue Construction Drawings S24	0 11-Sep-08	11-Sep-08	11-Sep-08	11-Sep-08	Actual Work				
7A-05-S31-10	Issue Construction Drawings S31	0 18-Sep-08	18-Sep-08	18-Sep-08	18-Sep-08	Actual Work				
7A-05-TRCK-10	Issue Construction Drawings Trackwork	0 02-Oct-08	02-Oct-08	02-Oct-08	02-Oct-08	Actual Work				
7A-05-W14-10	Issue Construction Drawings W14	0 09-Oct-08	09-Oct-08	09-Oct-08	09-Oct-08	Actual Work				
Enabling Works		28 03-Mar-08	10-Apr-08	10-Apr-08	10-Apr-08	Actual Work				
7A-05-ACCB-100	Construct New Hotel Car Park	20 03-Mar-08	31-Mar-08	31-Mar-08	31-Mar-08	Actual Work				
7A-05-ERTH-20	Site and Vegetation Clearance	28 03-Mar-08	10-Apr-08	10-Apr-08	10-Apr-08	Actual Work				
Gogarburn Retaining Wall (W14)		80 05-Nov-08	13-Mar-09	13-Mar-09	13-Mar-09	Actual Work				
7A-05-W14-100	Gogarburn Retaining Wall (W14)	80 05-Nov-08	13-Mar-09	13-Mar-09	13-Mar-09	Actual Work				

Page 42 of 43

Actual Work █ Remaining Work █ Critical Remaining Work █ Summary █ Milestone ◆

Date: 23-Sep-10, Revision: Revision 1A (100923), Checked: SCS, Approved: BSC

Activity ID	Activity Name	Original Start Duration	Finish
<b>Gogarburn Culvert No2 (S31)</b>			
7A-05-S31-30	Divert Flow-Bulk Excavation	56 12-Nov-08	13-Feb-09
7A-05-S31-60	Precast Culvert Units	7 12-Nov-08	21-Nov-08
7A-05-S31-50	Reinforced Concrete Apron and Wingwalls	5 21-Nov-08	28-Nov-08
7A-05-S31-80	Backfill and Finishes	20 18-Dec-08	29-Jan-09
<b>Gogarburn Culvert No3 (S34)</b>			
7A-05-S34-30	Divert Flow-Bulk Excavation	69 21-Nov-08	13-Mar-09
7A-05-S34-60	Precast Culvert Units	6 21-Nov-08	02-Dec-08
7A-05-S34-50	Reinforced Concrete Apron and Wingwalls	5 02-Dec-08	09-Dec-08
7A-05-S34-80	Backfill and Finishes	20 29-Jan-09	26-Feb-09
<b>Trackwork (832m)</b>			
7A-05-TRCK-30	Earthworks and Subbase	123 26-Nov-09	04-Jun-10
7A-05-TRCK-50	Drainage and OLE Foundations	15 26-Nov-09	17-Dec-09
7A-05-TRCK-40	Bottom Ballast and Ducts	33 19-Dec-09	16-Feb-10
7A-05-TRCK-70	Track Laying (832m)	16 17-Feb-10	10-Mar-10
7A-05-TRCK-76	Top Ballast	32 11-Mar-10	26-Apr-10
7A-05-TRCK-80	Fencing & Trackside Finishes	10 27-Apr-10	11-May-10
<b>Edinburgh Airport Tram Stop</b>			
7A-05-TRMS-30	Civil Engineering and Building Works	17 12-May-10	04-Jun-10
7A-05-TRMS-20	Order REC Supply	105 27-Apr-10	23-Sep-10
7A-05-TRMS-30	Access for visual inspection for E&M Tram Stop installation (07A Edinburgh Airport)	0 12-May-10	28-Jul-10
7A-05-TRMS-40	Deliver and Install Shelter	0 08-Jun-10	
7A-05-TRMS-31	Access for E&M Tram Stop installation (07A Edinburgh Airport)	10 24-Jun-10	07-Jul-10
7A-05-TRMS-50	Install LV Power Supply and LV Power Equipment	0 07-Jul-10	
7A-05-SIG-40	Installation of SIG-interlocking cubicle	25 08-Jul-10	12-Aug-10
7A-05-TRMS-70	Install Telecom Equipment	10 21-Jul-10	04-Aug-10
7A-05-TRMS-60	Install Station Control Equipment + AFC Equipment	20 13-Aug-10	05-Sep-10
7A-05-SIG-80	Commissioning of SIG-interlocking cubicle	25 13-Aug-10	15-Sep-10
7A-05-TRMS-80	Package Test Tramstop	5 19-Aug-10	26-Aug-10
<b>Tram Delivery &amp; Commissioning</b>			
A20040	Tram Commissioning	168 30-Nov-10	11-Aug-11
		168 30-Nov-10	11-Aug-11



Date	Revision	Checked	Approved
23-Sep-10	Revision 1A (100923)	SCS	BSC

