

Update Programme

Updated for V67 Design Programme,
and progress to 18 February 2011 .

EDINBURGH TRAM NETWORK



Activity ID	Activity Name	Start	Original Duration	Finish	Activity % Complete	Total Float	Gantt Chart																							
							2010				2011				2012				2013				2014							
							Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3				
12670	Issue Construction Drawings		0	11-Jul-08 A	100%		[Gantt bar: 100% complete]																							
5B-09-TRMS-20	Order REC Supply	25-Mar-09 A	0		100%		[Gantt bar: 100% complete]																							
1A-24-CHGE-510	Agreement of Change (BDDI-IFC) - Bakhead TS	18-Feb-11	0	18-Feb-11	0%	489	[Gantt bar: 0% complete, 489 float]																							
5B-09-TRMS-90	Civil Engineering and Building Works	01-Mar-12	65	04-Jun-12	0%	254	[Gantt bar: 0% complete, 254 float]																							
5B-09-TRMS-30	Access for visual inspection for E&M Tram Stop installation (05B South Gyle)	12-Apr-12	0		0%	612	[Gantt bar: 0% complete, 612 float]																							
5B-09-TRMS-40	Deliver and Install Shelter	27-Apr-12	10	11-May-12	0%	254	[Gantt bar: 0% complete, 254 float]																							
5B-09-TRMS-31	Access for E&M Tram Stop installation (05B South Gyle)	11-May-12	0		0%	399	[Gantt bar: 0% complete, 399 float]																							
5B-09-TRMS-45	Deliver and Install cubicle	15-Jan-13	10	28-Jan-13	0%	89	[Gantt bar: 0% complete, 89 float]																							
5B-09-TRMS-50	Install LV Power Supply and LV Power Equipment	29-Jan-13	25	04-Mar-13	0%	209	[Gantt bar: 0% complete, 209 float]																							
5B-09-TRMS-70	Install Telecon Equipment	05-Mar-13	20	02-Apr-13	0%	219	[Gantt bar: 0% complete, 219 float]																							
5B-09-TRMS-60	Install Station Control Equipment + AFC Equipment	05-Mar-13	25	09-Apr-13	0%	209	[Gantt bar: 0% complete, 209 float]																							
5B-09-TRMS-80	Package Test Tramstop	10-Apr-13	5	16-Apr-13	0%	209	[Gantt bar: 0% complete, 209 float]																							
South Gyle Access Bridge (S26)		29-Sep-10 A	251	02-Dec-11		297	[Summary bar: 297 float]																							
5B-09-S26-25	Network Rail Form C Submission & Approval	29-Sep-10 A	80	20-Apr-11	45%	254	[Gantt bar: 45% complete, 254 float]																							
1A-24-CHGE-520	Agreement of Change (BDDI-IFC) - South Gyle Access Br	18-Feb-11	0	18-Feb-11	0%	254	[Gantt bar: 0% complete, 254 float]																							
5B-09-S26-89(3)	Additional Excavation & Piling	21-Apr-11	20	20-May-11	0%	254	[Gantt bar: 0% complete, 254 float]																							
5B-09-S26-90	Substructure	23-May-11*	83	16-Sep-11	0%	254	[Gantt bar: 0% complete, 254 float]																							
5B-09-S26-91	Superstructure	19-Sep-11	55	02-Dec-11	0%	297	[Gantt bar: 0% complete, 297 float]																							
Trackwork (1260m)		03-Nov-08 A	770	04-Apr-12		588	[Summary bar: 588 float]																							
13000	Delay Start to Maintain Guided Bus Way		0	03-Nov-08 A	100%		[Gantt bar: 100% complete]																							
12890	Issue Construction Drawings		0	25-Nov-08 A	100%		[Gantt bar: 100% complete]																							
510	OLE Foundations - Drainage - Ducts (Pre Nov 09)	12-Aug-09 A	28	30-Oct-09 A	100%		[Gantt bar: 100% complete]																							
5B-09-TRCK-30	Earthworks and Subbase	17-Oct-11	8	26-Oct-11	0%	254	[Gantt bar: 0% complete, 254 float]																							
5B-09-TRCK-40(3)	Additional Earthworks	27-Oct-11	17	18-Nov-11	0%	254	[Gantt bar: 0% complete, 254 float]																							
5B-09-TRCK-50	OLE Foundations - Drainage - Ducts	21-Nov-11	28	11-Jan-12	0%	254	[Gantt bar: 0% complete, 254 float]																							
5B-09-TRCK-60(3)	Additional Drainage	12-Jan-12	25	15-Feb-12	0%	254	[Gantt bar: 0% complete, 254 float]																							
5B-09-TRCK-70	Track laying (1260m) + mob	16-Feb-12	10	29-Feb-12	0%	254	[Gantt bar: 0% complete, 254 float]																							
5B-09-SIGN-60	wayside preparation for loops(0) and boxes(6)	27-Feb-12	3	29-Feb-12	0%	613	[Gantt bar: 0% complete, 613 float]																							
5B-09-TRCK-80	Fencing & Tracksides Finishes	01-Mar-12	25	04-Apr-12	0%	464	[Gantt bar: 0% complete, 464 float]																							
Bankhead (exc.) to Edinburgh Park Station (inc.)		11-Jul-08 A	920	09-Apr-12		620	[Summary bar: 620 float]																							
130	South Gyle Access (exc.) to Edinburgh Park Station (inc.)	11-Jul-08 A	976	09-Apr-12	69.6%	614	[Gantt bar: 69.6% complete, 614 float]																							
Design			0			0	[Summary bar: 0 float]																							
Trackwork (790m)		25-Nov-08 A	695	07-Dec-11		707	[Summary bar: 707 float]																							
12900	Issue Construction Drawings		0	25-Nov-08 A	100%		[Gantt bar: 100% complete]																							
5B-08-TRCK-30	Earthworks and Subbase	15-Feb-10 A	15	05-Apr-11	19%	121	[Gantt bar: 19% complete, 121 float]																							
5B-08-TRCK-01(3)	Assumed issue of tie Change Order BDDI to IFC (Drainage)	15-Feb-10 A	0		100%		[Gantt bar: 100% complete]																							
5B-08-TRCK-50	OLE Foundations - Drainage	28-Jun-10 A	32	15-Jun-11	14%	121	[Gantt bar: 14% complete, 121 float]																							
5B-08-TRCK-51	Additional drainage	28-Jun-10 A	29	19-Jul-11	19%	121	[Gantt bar: 19% complete, 121 float]																							
5B-08-TRCK-40	Ducts and Bottom Ballast	15-Jul-10 A	16	03-Aug-11	34%	121	[Gantt bar: 34% complete, 121 float]																							
1A-24-CHGE-530	Agreement of Change (BDDI-IFC) - Trackwork	18-Feb-11	0	18-Feb-11	0%	121	[Gantt bar: 0% complete, 121 float]																							
5B-08-TRCK-31(3)	Additional Earthworks	05-Apr-11	21	06-May-11	0%	121	[Gantt bar: 0% complete, 121 float]																							
5B-08-TRCK-70	Track laying (790m)	05-Oct-11	20	01-Nov-11	0%	121	[Gantt bar: 0% complete, 121 float]																							
5B-08-SIGN-60	wayside preparation for loops(0) and boxes(4)	31-Oct-11	2	01-Nov-11	0%	733	[Gantt bar: 0% complete, 733 float]																							
5B-08-TRCK-76	Top Ballast [52 2917 - 52 3526]	02-Nov-11	10	15-Nov-11	0%	444	[Gantt bar: 0% complete, 444 float]																							
5B-08-TRCK-80	Fencing and Tracksides finishes	16-Nov-11	16	07-Dec-11	0%	583	[Gantt bar: 0% complete, 583 float]																							

Date	Revision	Checked	Approved
11-Feb-11	ETN Updated Programme - Progress to 18 Feb 11	JAC	

■ Actual Work ■ Critical Remaining Work % Complete
■ Remaining Work ◆ Milestone Summary

BFB00003289_0173



Activity ID	Activity Name	Start	Original Duration	Finish	Activity % Complete	Total Float	2010												2011				2012				2013				2014		
							Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3			
Edinburgh Park Station Tram Stop							Edinburgh Park Station Tram Stop																										
12910	Issue Construction Drawings	11-Jul-08 A	920	09-Apr-12	100%	620																											
5B-08-TRMS-20	Order REC Supply	25-Mar-09 A	0	11-Jul-08 A	100%																												
5B-08-TRMS-90	Civil Engineering and Buildenworks	19-Feb-10 A	65	27-Jan-12	19%	121	Civil Engineering and Buildenworks																										
1A-24-CHGE-540	Agreement of Change (BDDI-IFC) - Edinburgh TS	18-Feb-11	0	18-Feb-11	0%	235	Agreement of Change (BDDI-IFC) - Edinburgh TS																										
5B-08-SIG-80	Commissioning of SIG -interlocking cubicle	18-Oct-11	5	25-Oct-11	0%	649	Commissioning of SIG -interlocking cubicle																										
5B-08-TRMS-30	Access for visual inspection for E&M Tram Stop installation (05B Edinburgh Park Station)	24-Nov-11	0	08-Dec-11	0%	756	Access for visual inspection for E&M Tram Stop installation (05B Edinburgh Park Station)																										
5B-07-JNCS-60	installation of traffic light control - Junction 203	02-Dec-11	4	08-Dec-11	0%	707	installation of traffic light control - Junction 203																										
5B-08-JNCS-60	installation of traffic light control - Junction 203A	08-Dec-11	4	13-Dec-11	0%	703	installation of traffic light control - Junction 203A																										
5B-08-TRMS-40	Deliver and Install Shelter	09-Dec-11	10	23-Dec-11	0%	121	Deliver and Install Shelter																										
5B-08-TRMS-31	Access for E&M Tram Stop installation (05B Edinburgh Park Station)	23-Dec-11	0	08-Dec-11	0%	544	Access for E&M Tram Stop installation (05B Edinburgh Park Station)																										
5B-08-TRMS-45	Deliver and Install cubicle	23-Dec-11	10	20-Jan-12	0%	110	Deliver and Install cubicle																										
5B-08-TRMS-50	Install LV Power Supply and LV Power Equipment	20-Jan-12	25	24-Feb-12	0%	496	Install LV Power Supply and LV Power Equipment																										
5B-08-TRMS-70	Install Telecon Equipment	24-Feb-12	20	23-Mar-12	0%	506	Install Telecon Equipment																										
5B-08-TRMS-60	Install Station Control Equipment + AFC Equipment	24-Feb-12	25	30-Mar-12	0%	496	Install Station Control Equipment + AFC Equipment																										
5B-08-TRMS-80	Package Test Tramstop	30-Mar-12	5	09-Apr-12	0%	496	Package Test Tramstop																										
Edinburgh Park Station (exc.) to Edinburgh Park Central (inc.)							Edinburgh Park Station (exc.) to Edinburgh Park Central (inc.)																										
133	Edinburgh Park Station (exc.) to Edinburgh Park (inc.)	23-May-08 A	1443	08-May-12	69.11%	829	Edinburgh Park Station (exc.) to Edinburgh Park (inc.)																										
Design							0																										
Edinburgh Park Central Tram Stop							Edinburgh Park Central Tram Stop																										
12920	Issue Construction Drawings	11-Jul-08 A	940	08-May-12	100%	590																											
5B-07-TRMS-20	Order REC Supply	25-Mar-09 A	0	11-Jul-08 A	100%																												
1A-24-CHGE-550	Agreement of Change (BDDI-IFC) - Edinburgh Central TS	18-Feb-11	0	18-Feb-11	0%	228	Agreement of Change (BDDI-IFC) - Edinburgh Central TS																										
5B-07-TRMS-90	Civil Engineering and Building Works	20-Sep-11	65	20-Dec-11	0%	100	Civil Engineering and Building Works																										
5B-07-TRMS-30	Access for visual inspection for E&M Tram Stop installation (05B Edinburgh Park)	21-Nov-11	0	08-Dec-11	0%	715	Access for visual inspection for E&M Tram Stop installation (05B Edinburgh Park)																										
5B-07-TRMS-40	Deliver and Install Shelter	06-Dec-11	10	20-Dec-11	0%	100	Deliver and Install Shelter																										
5B-07-TRMS-31	Access for E&M Tram Stop installation (05B Edinburgh Park)	20-Dec-11	0	08-Dec-11	0%	503	Access for E&M Tram Stop installation (05B Edinburgh Park)																										
5B-07-TRMS-45	Deliver and Install cubicle	03-Feb-12	10	17-Feb-12	0%	100	Deliver and Install cubicle																										
5B-07-TRMS-50	Install LV Power Supply and LV Power Equipment	17-Feb-12	25	23-Mar-12	0%	466	Install LV Power Supply and LV Power Equipment																										
5B-07-TRMS-70	Install Telecon Equipment	23-Mar-12	20	23-Apr-12	0%	476	Install Telecon Equipment																										
5B-07-TRMS-60	Install Station Control Equipment + AFC Equipment	23-Mar-12	25	30-Apr-12	0%	466	Install Station Control Equipment + AFC Equipment																										
5B-07-TRMS-80	Package Test Tramstop	30-Apr-12	5	08-May-12	0%	466	Package Test Tramstop																										
Trackwork (854m)							Trackwork (854m)																										
12930	Issue Construction Drawings	25-Nov-08 A	693	06-Dec-11	100%	665																											
5B-07-TRCK-30	Earthworks- Subbase	16-Feb-10 A	11	25-Mar-11	50%	100	Earthworks- Subbase																										
5B-07-TRCK-01(3)	Receipt of tie Change Order BDDI to IFC to allow earthworks works to commence	03-May-10 A	0	03-May-10 A	100%		Receipt of tie Change Order BDDI to IFC to allow earthworks works to commence																										
1A-24-CHGE-560	Agreement of Change (BDDI-IFC) - Trackwork	18-Feb-11	0	18-Feb-11	0%	100	Agreement of Change (BDDI-IFC) - Trackwork																										
5B-07-TRCK-31(3)	Additional Earthworks	25-Mar-11	57	17-Jun-11	0%	100	Additional Earthworks																										
5B-07-TRCK-50	OLE Foundations- Drainage	17-Jun-11	19	14-Jul-11	0%	100	OLE Foundations- Drainage																										
5B-07-TRCK-51(3)	Additional Drainage	14-Jul-11	17	09-Aug-11	0%	100	Additional Drainage																										
5B-07-TRCK-40	Track Formation - Ducts	09-Aug-11	16	31-Aug-11	0%	100	Track Formation - Ducts																										
5B-07-TRCK-70	Track laying (854m)	31-Aug-11	44	01-Nov-11	0%	100	Track laying (854m)																										
5B-07-SIGN-60	wayside preparation for loops(0) and boxes(4)	28-Oct-11	2	01-Nov-11	0%	690	wayside preparation for loops(0) and boxes(4)																										
5B-07-TRCK-80	Track Finishes	01-Nov-11	15	22-Nov-11	0%	541	Track Finishes																										
5B-07-TRCK-81	Fencing	22-Nov-11	10	06-Dec-11	0%	541	Fencing																										

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11-Feb-11	ETN Updated Programme - Progress to 18 Feb 11	JAC	



BFB00003289_0174



Activity ID	Activity Name	Start	Original Duration	Finish	Activity % Complete	Total Float	2010												2011				2012				2013				2014		
							Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3			
Edinburgh Park Station Bridge (S27)							Edinburgh Park Station Bridge (S27)																										
12940	Issue Construction Drawings		0	23-May-08 A	100%																												
Establishment																																	
13010	Access Roads /Site Clearance /Offices & Compounds	25-Aug-08 A	20	28-Nov-08 A	100%																												
Substructure																																	
13150	Abutment North	01-Dec-08 A	92	12-Mar-09 A	100%																												
13170	Pier 6	02-Dec-08 A	32	19-Jan-09 A	100%																												
13180	Pier 5	12-Dec-08 A	41	23-Jan-09 A	100%																												
13190	Pier 4	07-Jan-09 A	40	17-Feb-09 A	100%																												
13210	Pier 2	14-Jan-09 A	52	04-Feb-09 A	100%																												
13220	Pier 1	21-Jan-09 A	61	05-Mar-09 A	100%																												
13200	Pier 3	12-Feb-09 A	47	26-Feb-09 A	100%																												
13230	Abutment South	24-Feb-09 A	94	31-Mar-09 A	100%																												
Superstructure							Superstructure																										
13160	Erect Falsework	23-Mar-09 A	45	31-Jul-09 A	100%																												
13250	Place U beams	08-Apr-09 A	36	30-May-09 A	100%																												
13270	Pour 1- Abutment North	10-Apr-09 A	15	20-Jul-09 A	100%																												
13280	Pour 2 - Pier 6	20-Apr-09 A	17	21-Jul-09 A	100%																												
13410	Pour 15 - Span 7	20-Apr-09 A	15	27-Oct-09 A	100%																												
13260	Permanent Formwork	24-Apr-09 A	32	14-Aug-09 A	100%																												
13390	Pour 13 - Span 6	27-Apr-09 A	14	15-Oct-09 A	100%																												
13360	Pour 10 - Span 5	11-May-09 A	14	22-Sep-09 A	100%																												
13290	Pour 3 - Pier 5	18-May-09 A	17	27-Jul-09 A	100%																												
13310	Pour 5 - Pier 3	18-May-09 A	17	03-Aug-09 A	100%																												
13370	Pour 11 - Span 2	18-May-09 A	14	20-Oct-09 A	100%																												
13330	Pour 7 - Pier 1	19-May-09 A	17	24-Aug-09 A	100%																												
13340	Pour 8 - Abutment South	25-May-09 A	16	25-Aug-09 A	100%																												
13350	Pour 9 - Span 3	25-May-09 A	14	17-Sep-09 A	100%																												
13400	Pour 14 - Span 1	25-May-09 A	13	19-Oct-09 A	100%																												
13300	Pour 4 - Pier 4	26-May-09 A	17	28-Jul-09 A	100%																												
13380	Pour 12 - Span 4	26-May-09 A	14	07-Oct-09 A	100%																												
13320	Pour 6 - Pier 2	08-Jun-09 A	17	10-Aug-09 A	100%																												
13240	Dismantle Falsework	12-Oct-09 A	29	30-Nov-09 A	100%																												
5B-07-S27-58	Ramp North	23-Nov-09 A	53	07-Mar-11	79%	218	Ramp North																										
5B-07-S27-57(3)	Excavate & Fill to Soft Spots	23-Nov-09 A	22	31-Jan-10 A	100%																												
5B-07-S27-80	Bridge Finishes	30-Nov-09 A	77	31-Mar-11	62%	205	Bridge Finishes																										
5B-07-S27-59	Ramp South	10-Dec-09 A	53	07-Jul-10 A	100%																												
5B-07-S27-77	Track Upstands	12-Jan-10 A	46	09-Apr-10 A	100%																												
05C Edinburgh Park Central (exc.) to Gogarburn (inc.)							05C Edinburgh Park Central (exc.) to Gogarburn (inc.)																										
137	05C Edinburgh Park (exc.) to Gogarburn (inc.)	13-May-08 A	1667	06-Dec-12	60.58%	618	05C Edinburgh Park (exc.) to Gogarburn (inc.)																										
MUDFA & Utilities Completions							MUDFA & Utilities Completions																										
5C-06-UTL-10(3)	Edinburgh Park Central to Gyle		0	25-May-10 A	100%		Edinburgh Park Central to Gyle																										
5C-03-UTL-10(3)	Gyle to Depot		0	06-Aug-10 A	100%		Gyle to Depot																										
E & M Installations							E & M Installations																										
5C-02-OHLE-40	Access for visual inspection for E&M wayside installation DEH - GBN	22-Jun-11	0	06-Dec-12	0%	782	Access for visual inspection for E&M wayside installation DEH - GBN																										

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11-Feb-11	ETN Updated Programme - Progress to 18 Feb 11	JAC	

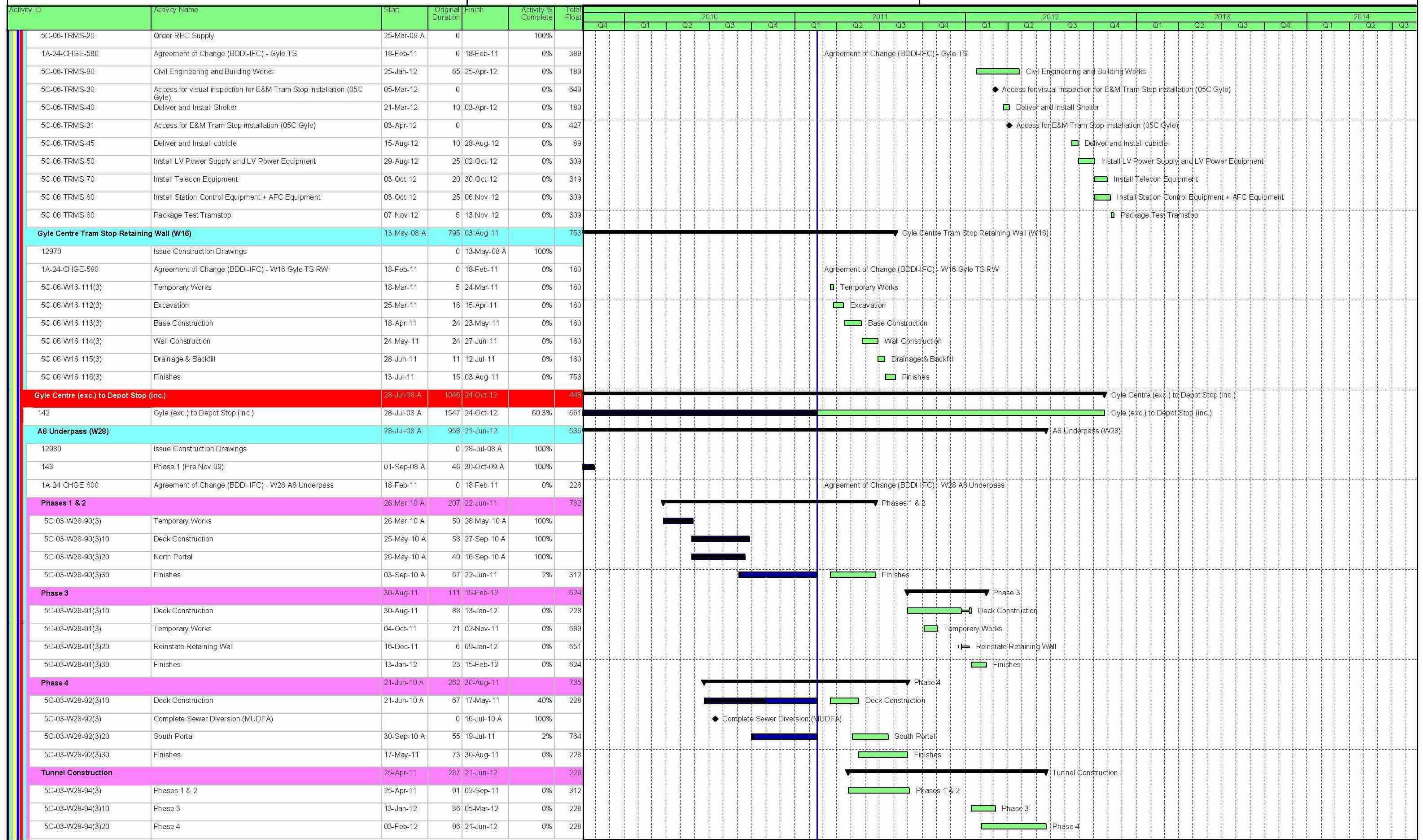
█ Actual Work █ Critical Remaining Work % Complete
█ Remaining Work ◆ Milestone Summary

BFB00003289_0175

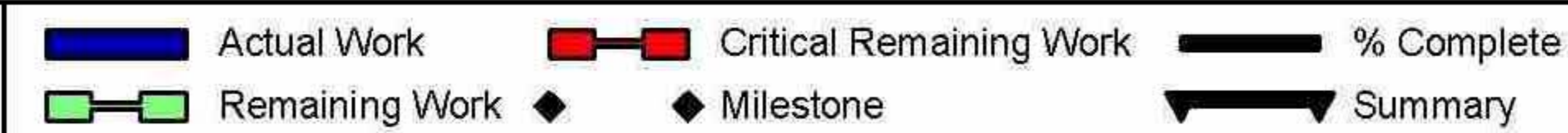
Update Programme

Updated for V67 Design Programme,
and progress to 18 February 2011 .

EDINBURGH TRAM NETWORK



Date	Revision	Checked	Approved
11-Feb-11	ETN Updated Programme - Progress to 18 Feb 11	JAC	



BFB00003289_0177



Activity ID	Activity Name	Start	Original Duration	Finish	Activity % Complete	Total Float	2010												2011				2012				2013				2014		
							Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3			
Design																																	
Depot Access Bridge (S32)																																	
12990	Issue Construction Drawings		0	10-Oct-08 A	100%																												
5B-03-S32-01(3)	Receipt of the Clause 80.15 notice to commence	22-Mar-10 A	0		100%		◆ Receipt of the Clause 80.15 notice to commence																										
North Abutment																																	
5C-03-S32-05(3)	Piling	22-Mar-10 A	150	18-Feb-11	100%		← North Abutment																										
5C-03-S32-10(3)	Pile Caps	26-Apr-10 A	41	17-Aug-10 A	100%																												
5C-03-S32-15(3)	Walls	18-Jun-10 A	37	17-Aug-10 A	100%																												
5C-03-S32-20(3)	Drainage & Backfill	23-Aug-10 A	15	18-Feb-11	100%		← Drainage & Backfill																										
Centre Columns																																	
5C-03-S32-25(3)	Piling	29-Mar-10 A	174	15-Oct-10 A	100%		← Centre Columns																										
5C-03-S32-30(3)	Pile Caps	20-Aug-10 A	17	20-Sep-10 A	100%																												
5C-03-S32-35(3)	Columns	20-Sep-10 A	22	15-Oct-10 A	100%																												
South Abutment																																	
5C-03-S32-40(3)	Temporary Works	10-May-10 A	101	29-Sep-10 A	100%		← South Abutment																										
5C-03-S32-45(3)	Piling	14-Jul-10 A	26	25-Aug-10 A	100%																												
5C-03-S32-50(3)	Pile Caps	26-Aug-10 A	46	05-Nov-10 A	100%																												
5C-03-S32-55(3)	Walls	09-Sep-10 A	45	09-Feb-11 A	100%																												
5C-03-S32-60(3)	Drainage & Backfill	03-Nov-10 A	25	18-Feb-11	100%		← Drainage & Backfill																										
Superstructure																																	
5C-03-S32-65(3)	Deck	18-Nov-10 A	136	25-May-11	54%		← Superstructure																										
5C-03-S32-70(3)	Finishes	23-Mar-11	43	25-May-11	0%		← Finishes																										
Trackwork (562m)																																	
10590	Issue Construction Drawings		0	04-Feb-09 A	100%		→ Trackwork (562m)																										
5C-03-TRCK-30	Bulk Excavation	25-May-11	12	13-Jun-11	0%		█ Bulk Excavation																										
5C-03-TRCK-31(3)	Additional Excavation	13-Jun-11	24	15-Jul-11	0%		█ Additional Excavation																										
5C-03-TRCK-50	Drainage and OLE Foundations	15-Jul-11	23	18-Aug-11	0%		█ Drainage and OLE Foundations																										
5C-03-TRCK-51(3)	Additional drainage	18-Aug-11	31	30-Sep-11	0%		█ Additional drainage																										
5C-03-TRCK-40	Track Formation and Ducts	21-Jun-12	12	09-Jul-12	0%		█ Track Formation and Ducts																										
5C-03-TRCK-70	Track Laying (562m)	09-Jul-12	47	13-Sep-12	0%		█ Track Laying (562m)																										
5C-03-SIGN-70	point machine mechanical set up	09-Jul-12	10	23-Jul-12	0%		█ point machine mechanical set up																										
5C-03-SIGN-60	wayside preparation for loops(7) and boxes(2)	03-Sep-12	8	13-Sep-12	0%		█ wayside preparation for loops(7) and boxes(2)																										
5C-03-TRCK-80	Track Finishes	13-Sep-12	16	09-Oct-12	0%		█ Track Finishes																										
5C-03-TRCK-81	Fencing and Reinstatements	09-Oct-12	11	24-Oct-12	0%		█ Fencing and Reinstatements																										
Depot Stop																																	
5C-06B-TRMS-20(3)	Order REC Supply	25-Mar-09 A	0		100%		→ Depot Stop																										
5C-06B-TRMS-90(3)	Civil Engineering and Building Works incl related cubicle foundations and cable ducts	02-Aug-11	65	31-Oct-11	0%		█ Civil Engineering and Building Works incl related cubicle foundations and cable ducts																										
5C-06B-TRMS-30(3)	Access for visual inspection for E&M Tram Stop installation (05C Gyle)	09-Sep-11	0		0%		◆ Access for visual inspection for E&M Tram Stop installation (05C Gyle)																										
5C-06B-TRMS-40(3)	Deliver and Install shelter	27-Sep-11	10	10-Oct-11	0%		█ Deliver and Install shelter																										
5C-06B-TRMS-31(3)	Access for E&M Tram Stop installation (05C Gyle)	10-Oct-11	0		0%		◆ Access for E&M Tram Stop installation (05C Gyle)																										
5C-06B-TRMS-45(3)	Deliver and Install cubicle	11-Oct-11	10	24-Oct-11	0%		█ Deliver and Install cubicle																										
5C-06B-TRMS-50(3)	Install LV Power Supply and LV Power Equipment	25-Oct-11	25	28-Nov-11	0%		█ Install LV Power Supply and LV Power Equipment																										
5C-06B-TRMS-70(3)	Install Telecon Equipment	29-Nov-11	20	09-Jan-12	0%		█ Install Telecon Equipment																										
5C-06B-TRMS-80(3)	Site Acceptance Test Tramstop	10-Jan-12	5	16-Jan-12	0%		█ Site Acceptance Test Tramstop																										
A8 Retaining Walls (W16)																																	

Date	Revision	Checked	Approved
11-Feb-11	ETN Updated Programme - Progress to 18 Feb 11	JAC	

█ Actual Work █ Critical Remaining Work █ % Complete
█ Remaining Work ◆ Milestone ← Summary

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Activity ID	Activity Name	Start	Original Duration	Finish	Activity % Complete	Total Float	2010												2011				2012				2013				2014		
							Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3			
Depot Stop (exc.) to Gogarburn (inc.)							Depot Stop (exc.) to Gogarburn (inc.)																										
147	Depot Stop (exc.) to Gogarburn (inc.)	04-Feb-09 A	738	06-Jun-12	59.17%	800	Depot Stop (exc.) to Gogarburn (inc.)																										
Design							▼ Design																										
5C-02-TRMS-10	Issue Construction Drawings Gogarburn Tram Stop		0	22-Dec-10 A	100%		◆ Issue Construction Drawings Gogarburn Tram Stop																										
Trackwork (562m)							▼ Trackwork (562m)																										
13020	Issue Construction Drawings		0	04-Feb-09 A	100%																												
5C-02-TRCK-30	Earthworks and Subbase	25-May-10 A	12	14-Apr-11	70%	194	■ Earthworks and Subbase																										
5C-02-TRCK-31(3)	Additional Earthworks	08-Jun-10 A	19	22-Jun-10 A	100%		■ Additional Earthworks																										
5C-02-TRCK-31	Ramp Wall out of depot (details unknown)	11-Jun-10 A	30	11-Jun-10 A	100%		■ Ramp Wall out of depot (details unknown)																										
5C-02-TRCK-50	Drainage and OLE Foundations	06-Aug-10 A	23	25-Apr-11	73%	194	■ Drainage and OLE Foundations																										
5C-02-TRCK-51(3)	Additional Drainage	22-Sep-10 A	31	08-Apr-11	50%	194	■ Additional Drainage																										
5C-02-TRCK-40	Track Formation and Ducts	25-Apr-11	12	12-May-11	0%	194	■ Track Formation and Ducts																										
5C-02-TRCK-70	Track Laying (562m)	12-May-11	32	28-Jun-11	0%	194	■ Track Laying (562m)																										
5C-02-SIGN-70	point machine mechanical set up	12-May-11	15	03-Jun-11	0%	796	■ point machine mechanical set up																										
5C-02-SIGN-60	wayside preparation for loops(4) and boxes(1)	21-Jun-11	5	28-Jun-11	0%	779	■ wayside preparation for loops(4) and boxes(1)																										
5C-02-TRCK-80	Track Finishes	28-Jun-11	18	22-Jul-11	0%	595	■ Track Finishes																										
5C-02-TRCK-81	Fencing and Reinstatements	22-Jul-11	11	09-Aug-11	0%	626	■ Fencing and Reinstatements																										
Gogarburn Tram Stop							▼ Gogarburn Tram Stop																										
5C-02-TRMS-20	Order REC Supply	25-Mar-09 A	0		100%																												
5C-02-TRMS-90	Civil Engineering and Building Works	28-Jun-11	65	28-Sep-11	0%	194	■ Civil Engineering and Building Works																										
5C-02-TRMS-30	Access for visual inspection for E&M Tram Stop installation (05C Gogarburn)	08-Aug-11	0		0%	789	◆ Access for visual inspection for E&M Tram Stop installation (05C Gogarburn)																										
5C-02-TRMS-40	Deliver and Install Shelter	24-Aug-11	10	07-Sep-11	0%	194	■ Deliver and Install Shelter																										
5C-02-TRMS-31	Access for E&M Tram Stop installation (05C Gogarburn)	07-Sep-11	0		0%	577	◆ Access for E&M Tram Stop installation (05C Gogarburn)																										
5C-02-TRMS-45	Deliver and Install cubicle	02-Mar-12	10	16-Mar-12	0%	100	■ Deliver and Install cubicle																										
5C-02-TRMS-50	Install LV Power Supply and LV Power Equipment	16-Mar-12	25	23-Apr-12	0%	446	■ Install LV Power Supply and LV Power Equipment																										
5C-02-TRMS-70	Install Telecon Equipment	23-Apr-12	20	22-May-12	0%	456	■ Install Telecon Equipment																										
5C-02-TRMS-60	Install Station Control Equipment + AFC Equipment	23-Apr-12	25	30-May-12	0%	446	■ Install Station Control Equipment + AFC Equipment																										
5C-02-TRMS-80	Package Test Tramstop	30-May-12	5	06-Jun-12	0%	446	■ Package Test Tramstop																										
SECTION 06 GOGAR DEPOT							SECTION 06 GOGAR DEPOT																										
150	SECTION 06 GOGAR DEPOT	29-May-08 A	1243	25-Oct-11	79.94%	1026	SECTION 06 GOGAR DEPOT																										
Opening Sequence A (Airport to Haymarket)							Opening Sequence A (Airport to Haymarket)																										
151	Opening Sequence A (Airport to Haymarket)	29-May-08 A	1243	25-Oct-11	79.94%	1026	Opening Sequence A (Airport to Haymarket)																										
06A Gogar Depot							06A Gogar Depot																										
152	06A Gogar Depot	29-May-08 A	1243	25-Oct-11	79.94%	1026	06A Gogar Depot																										
Depot							Depot																										
Design							0																										
Earthworks							▼ Earthworks																										
13130	Issue Construction Drawings Earthworks		0	29-May-08 A	100%																												
1148	Excavate and Dispose of additional earthworks	07-Apr-09 A	85	29-May-09 A	100%																												
1149	Earth Works	29-May-09 A	95	30-Oct-09 A	100%																												
1289	Drainage and Outfall	14-Sep-09 A	90	24-Mar-11	95%	844	■ Drainage and Outfall																										
13140	Issue Construction Drawings Drainage		0	14-Sep-09 A	100%		Issue Construction Drawings Drainage																										
6A-01-TRCK-30(3)	Earth Works (remaining quantity)	05-Apr-10 A	40	07-May-10 A	100%																												
6A-01-TRCK-01(3)	Receipt of the Clause 80.15 notice to commence	05-Apr-10 A	0		100%		◆ Receipt of the Clause 80.15 notice to commence																										
6A-01-TRCK-50(3)	Drainage and Outfall (remaining quantity)	07-May-10 A	40	21-Mar-11	95%	845	■ Drainage and Outfall (remaining quantity)																										

Date	Revision	Checked	Approved
11-Feb-11	ETN Updated Programme - Progress to 18 Feb 11	JAC	

■ Actual Work ■ Critical Remaining Work ■ % Complete
■ Remaining Work ◆ Milestone ▼ Summary

BFB00003289_0179

Activity ID	Activity Name	Start	Original Duration	Finish	Activity % Complete	Total Float	2010												2011				2012				2013				2014		
							Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3			
6A-01-TRCK-51(3)	Additional Drainage	07-May-10 A	30	23-Mar-11	95%	845	Additional Drainage																										
1A-24-CHGE-690	Agreement of Change (BDDI-IFC) - Earthworks	18-Feb-11	0	18-Feb-11	0%	110	Agreement of Change (BDDI-IFC) - Earthworks																										
Trackwork (3492m)							Trackwork (3492m)																										
6A-01-TRCK-70	Track Laying Ballast Track	30-Jun-10 A	100	29-Jul-11	19%	110	Track Laying Ballast Track																										
6A-01A-TRCK-70	Track Laying Ballast Track & Embedded Track	21-Sep-10 A	43	23-Sep-11	11%	410	Track Laying Ballast Track & Embedded Track																										
6A-01B-TRCK-70	Track Laying Column Track	27-Sep-10 A	10	09-Mar-11	60%	116	Track Laying Column Track																										
6A-01-SIGN-60	wayside preparation for loops(X) and boxes(X)	02-Aug-11	10	15-Aug-11	0%	745	wayside preparation for loops(X) and boxes(X)																										
6A-01C-TRCK-70	Track Laying Finishing	23-Sep-11	17	18-Oct-11	0%	410	Track Laying Finishing																										
Area 4 Preparation							Area 4 Preparation																										
6A-014-TRCK-52(3)	Drains	17-May-10 A	10	23-Mar-11	90%	833	Drains																										
6A-014-TRCK-74(3)	Cut Formation / Sub Ballast	17-May-10 A	5	05-Apr-11	90%	829	Cut Formation / Sub Ballast																										
6A-014-TRCK-55(3)	OLE Pole Bases	02-Jun-10 A	5	22-Mar-11	75%	833	OLE Pole Bases																										
6A-014-TRCK-75(3)	First Layer Ballast	21-Jun-10 A	5	06-Apr-11	75%	829	First Layer Ballast																										
6A-014-TRCK-60(3)	Ducts	10-Aug-10 A	20	30-Mar-11	75%	833	Ducts																										
1A-24-CHGE-680	Agreement of Change (BDDI-IFC) - Roadwork	18-Feb-11	0	18-Feb-11	0%	834	Agreement of Change (BDDI-IFC) - Roadwork																										
6A-014-TRCK-76(3)	Second Layer Ballast	06-Apr-11	5	13-Apr-11	0%	829	Second Layer Ballast																										
6A-014-TRCK-95(3)	Handover to Track Contractor		0	13-Apr-11	0%	829	Handover to Track Contractor																										
Area 3 Preparation							Area 3 Preparation																										
6A-013-TRCK-52(3)	Drains	17-May-10 A	10	22-Mar-11	90%	831	Drains																										
6A-013-TRCK-55(3)	OLE Pole Bases	24-May-10 A	6	21-Mar-11	80%	831	OLE Pole Bases																										
6A-013-TRCK-74(3)	Cut Formation / Sub Ballast	05-Jul-10 A	5	25-Mar-11	85%	829	Cut Formation / Sub Ballast																										
6A-013-TRCK-60(3)	Ducts	12-Jul-10 A	10	23-Mar-11	85%	831	Ducts																										
6A-013-TRCK-75(3)	First Layer Ballast	26-Jul-10 A	5	28-Mar-11	75%	829	First Layer Ballast																										
1A-24-CHGE-670	Agreement of Change (BDDI-IFC) - Roadwork	18-Feb-11	0	18-Feb-11	0%	831	Agreement of Change (BDDI-IFC) - Roadwork																										
6A-013-TRCK-76(3)	Second Layer Ballast	29-Mar-11	5	04-Apr-11	0%	829	Second Layer Ballast																										
6A-013-TRCK-95(3)	Handover to Track Contractor		0	04-Apr-11	0%	836	Handover to Track Contractor																										
Area 1 Preparation							Area 1 Preparation																										
6A-011-TRCK-52(3)	Drains	19-Apr-10 A	10	31-May-10 A	100%		Drains																										
6A-011-TRCK-55(3)	OLE Pole Bases	05-May-10 A	8	21-May-10 A	100%		OLE Pole Bases																										
6A-011-TRCK-74(3)	Cut Formation / Sub Ballast	31-May-10 A	5	18-Jun-10 A	100%		Cut Formation / Sub Ballast																										
6A-011-TRCK-75(3)	First Layer Ballast	21-Jun-10 A	5	29-Jun-10 A	100%		First Layer Ballast																										
6A-011-TRCK-95(3)	Handover to Track Contractor		0	30-Jun-10 A	100%		Handover to Track Contractor																										
6A-011-TRCK-60(3)	Ducts	12-Jul-10 A	10	23-Jul-10 A	100%		Ducts																										
6A-011-TRCK-76(3)	Second Layer Ballast	06-Aug-10 A	5	12-Aug-10 A	100%		Second Layer Ballast																										
Area 2 Preparation							Area 2 Preparation																										
6A-012-TRCK-52(3)	Drains	29-Apr-10 A	20	28-May-10 A	100%		Drains																										
6A-012-TRCK-55(3)	OLE Pole Bases	10-May-10 A	7	31-May-10 A	100%		OLE Pole Bases																										
6A-012-TRCK-74(3)	Cut Formation / Sub Ballast	31-May-10 A	5	14-Jul-10 A	100%		Cut Formation / Sub Ballast																										
6A-012-TRCK-60(3)	Ducts	28-Jun-10 A	10	09-Jul-10 A	100%		Ducts																										
6A-012-TRCK-75(3)	First Layer Ballast	12-Jul-10 A	5	30-Jul-10 A	100%		First Layer Ballast																										
6A-012-TRCK-95(3)	Handover to Track Contractor		0	09-Aug-10 A	100%		Handover to Track Contractor																										
6A-012-TRCK-76(3)	Second Layer Ballast	18-Mar-11	5	24-Mar-11	0%	829	Second Layer Ballast																										
Depot Building							Depot Building																										
A17170	Foundations	31-Aug-09 A	55	09-Nov-09 A	100%		Foundations																										
A17180	Substructure and Superstructure (Steelwork)	05-Oct-09 A	50	30-Oct-09 A	100%		Substructure and Superstructure (Steelwork)																										

Date	Revision	Checked	Approved
11-Feb-11	ETN Updated Programme - Progress to 18 Feb 11	JAC	



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Update Programme

Updated for V67 Design Programme,
and progress to 18 February 2011 .

EDINBURGH TRAM NETWORK

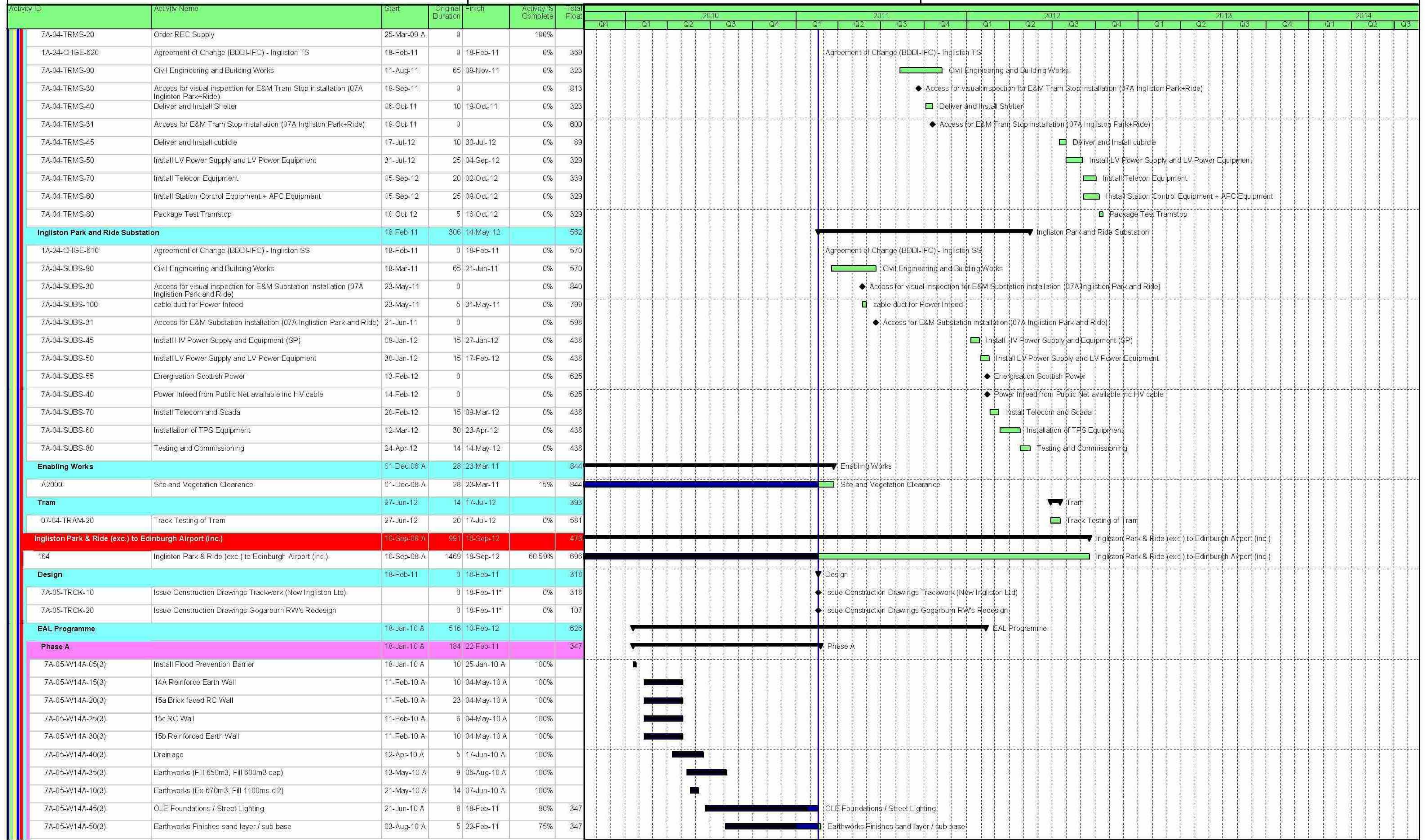


Activity ID	Activity Name	Start	Original Duration	Finish	Activity % Complete	Total Float	2010												2011				2012				2013				2014		
							Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3			
Gogarburn Underbridge (S29)							Gogarburn Underbridge (S29)																										
13040	Issue Construction Drawings	15-May-08 A	583	07-Jun-10 A	100%																												
159	Temporary Access Roads-Bulk Excavation-Piling Platform	13-Oct-08 A	16	07-Aug-09 A	100%																												
179	East Abutment-Piles and Columns	05-Jan-09 A	36	08-Apr-09 A	100%																												
209	West Abutment-Piles and Columns	05-Jan-09 A	36	08-Apr-09 A	100%																												
199	East Abutment-Reinforced Earth	02-Mar-09 A	15	09-Nov-09 A	100%																												
219	West Abutment-Reinforced Earth	02-Mar-09 A	15	06-Nov-09 A	100%																												
239	Bridge Deck	24-Aug-09 A	41	07-Jun-10 A	100%																												
229	East Abutment-Parapets and Run on Slabs	03-Mar-10 A	29	16-Mar-10 A	100%																												
369	West Abutment-Parapets and Run on Slabs	19-Mar-10 A	29	30-Apr-10 A	100%																												
Gogarburn Culvert No1 (S30)							Gogarburn Culvert No1 (S30)																										
13050	Issue Construction Drawings	10-Sep-08 A	314	30-Oct-09 A	100%																												
160	Temporary Access Roads-Divert Flows-Bulk Excavation	24-Aug-09 A	19	30-Oct-09 A	100%																												
249	Precast Culvert Units	24-Aug-09 A	5	02-Oct-09 A	100%																												
259	Reinforced Concrete Apron and Wingwalls	02-Oct-09 A	20	30-Oct-09 A	100%																												
359	Backfill and Finishes	02-Oct-09 A	11	30-Oct-09 A	100%																												
Trackwork (1750m)							Trackwork (1750m)																										
13060	Issue Construction Drawings	14-Jan-09 A	709	10-Jan-12		649																											
7A-04-TRCK-01(3)	Receipt of tie Change Order BDDI to IFC to allow earthworks works to commence	26-Apr-10 A	0		100%		◆ Receipt of tie Change Order BDDI to IFC to allow earthworks works to commence																										
7A-04-TRCK-31(3)	Additional Earthworks	05-May-10 A	127	29-Oct-10 A	100%																												
7A-04-TRCK-51(3)	Additional Drainage	07-May-10 A	7	26-Nov-10 A	100%																												
7A-04-TRCK-30	Earthworks and Subbase	11-May-10 A	27	30-Mar-11	70%	323	■ Earthworks and Subbase																										
7A-04-TRCK-50	Drainage and OLE Foundations	05-Jul-10 A	30	07-Apr-11	80%	323	■ Drainage and OLE Foundations																										
7A-04-TRCK-40	Bottom Ballast and Ducts	19-Jul-10 A	30	26-Apr-11	60%	323	■ Bottom Ballast and Ducts																										
1A-24-CHGE-640	Agreement of Change (BDDI-IFC) - Trackwork	18-Feb-11	0	18-Feb-11	0%	323	◆ Agreement of Change (BDDI-IFC) - Trackwork																										
7A-04-TRCK-70	Track Laying (1750m)	13-Jul-11	50	21-Sep-11	0%	323	■ Track Laying (1750m)																										
7A-04-SIGN-60	wayside preparation for loops(0) and boxes(8)	20-Sep-11	2	21-Sep-11	0%	772	■ wayside preparation for loops(0) and boxes(8)																										
7A-04-TRCK-76	Top Ballast	22-Sep-11	16	17-Oct-11	0%	434	■ Top Ballast																										
7A-04-TRCK-80	Fencing & Trackside Finishes	18-Oct-11	30	28-Nov-11	0%	434	■ Fencing & Trackside Finishes																										
Gogar Landfill Site							Gogar Landfill Site																										
7A-04-TRCK-100(3)	Place Surcharge	28-May-10 A	32	30-Jun-10 A	100%																												
7A-04-TRCK-01(3)	Assumed issue of tie Change Order BDDI to IFC	31-May-10 A	0		100%		◆ Assumed issue of tie Change Order BDDI to IFC																										
7A-04-TRCK-110(3)	Three Months Settlement Period (Dummy)	30-Jun-10 A	66	18-Feb-11	100%	379	■ Three Months Settlement Period (Dummy)																										
7A-04-TRCK-120(3)	Remove Surcharge	13-Sep-10 A	32	20-Apr-11	25%	359	■ Remove Surcharge																										
1A-24-CHGE-630	Agreement of Change (BDDI-IFC) - Earthworks	18-Feb-11	0	18-Feb-11	0%	359	◆ Agreement of Change (BDDI-IFC) - Earthworks																										
7A-04-TRCK-130(3)	Soil Nailing	21-Apr-11	60	18-Jul-11	0%	359	■ Soil Nailing																										
7A-04-TRCK-140(3)	Reinforced Earth Embankment	19-Jul-11	60	11-Oct-11	0%	359	■ Reinforced Earth Embankment																										
7A-04-TRCK-60	Drainage and OLE Foundations	12-Oct-11	10	25-Oct-11	0%	359	■ Drainage and OLE Foundations																										
7A-04-TRCK-90	Bottom Ballast and Ducts	26-Oct-11	10	08-Nov-11	0%	359	■ Bottom Ballast and Ducts																										
7A-04-TRCK-100	Track Laying (450m)	09-Nov-11	16	02-Dec-11	0%	359	■ Track Laying (450m)																										
7A-04-SIGN-70	wayside preparation for loops(0) and boxes(4)	01-Dec-11	2	02-Dec-11	0%	666	■ wayside preparation for loops(0) and boxes(4)																										
7A-04-TRCK-86	Top Ballast	05-Dec-11	7	13-Dec-11	0%	359	■ Top Ballast																										
7A-04-TRCK-110	Fencing & Trackside Finishes	14-Dec-11	10	10-Jan-12	0%	359	■ Fencing & Trackside Finishes																										
Ingliston Park and Ride Tram Stop							Ingliston Park and Ride Tram Stop																										
13070	Issue Construction Drawings	25-Feb-09 A	905	16-Oct-12		453																											

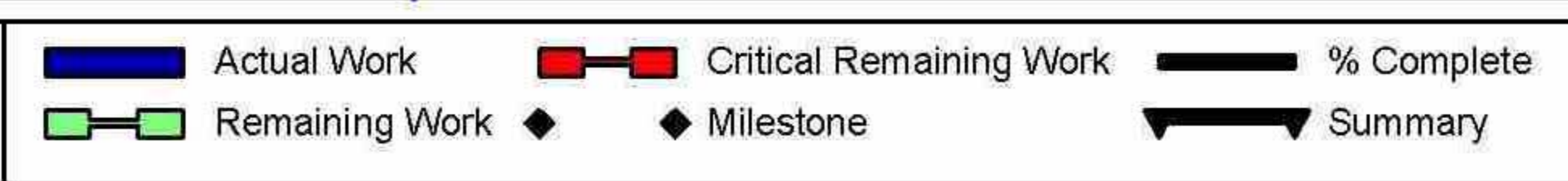
Date	Revision	Checked	Approved
11-Feb-11	ETN Updated Programme - Progress to 18 Feb 11	JAC	

■ Actual Work ■ Critical Remaining Work ■ % Complete
■ Remaining Work ◆ Milestone ▶ Summary

BFB00003289_0183



Date	Revision	Checked	Approved
11-Feb-11	ETN Updated Programme - Progress to 18 Feb 11	JAC	



BFB00003289_0184

Activity ID	Activity Name	Start	Original Duration	Finish	Activity % Complete	Total Float	2010												2011				2012				2013				2014		
							Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3			
Phase C							Phase C																										
7A-05-W14C-05(3)	Obtain EAL Permit	18-Feb-11	242	10-Feb-12	0%	107	Obtain EAL Permit																										
7A-05-W14C-10(3)	Earthworks (cut 3600m3, Fill 1900m3)	13-Jul-11	20	10-Aug-11	0%	107	Earthworks (cut 3600m3, Fill 1900m3)																										
7A-05-W14C-15(3)	Install temporary works	11-Aug-11	20	07-Sep-11	0%	107	Install temporary works																										
7A-05-W14C-20(3)	14d RC Retaining Wall	08-Sep-11	70	14-Dec-11	0%	107	14d RC Retaining Wall																										
7A-05-W14C-25(3)	Remove temporary works	15-Dec-11	12	13-Jan-12	0%	107	Remove temporary works																										
7A-05-W14C-30(3)	Drainage	16-Jan-12	12	31-Jan-12	0%	107	Drainage																										
7A-05-W14C-35(3)	Earthworks sand / subbase / ballast / blacktop	01-Feb-12	8	10-Feb-12	0%	107	Earthworks sand / subbase / ballast / blacktop																										
Phase B							Phase B																										
7A-05-W14B-05(3)	Obtain EAL Permit	18-Jun-10 A	352	15-Aug-11	100%	746	Obtain EAL Permit																										
7A-05-W14B-25(3)	Install Temporary Works	07-Jul-10 A	5	19-Jul-10 A	100%		Install Temporary Works																										
7A-05-W14B-10(3)	Earthworks (Fill 2300m3, Cut 2900m3, cap 660m3)	21-Jul-10 A	22	22-Mar-11	90%	227	Earthworks (Fill 2300m3, Cut 2900m3, cap 660m3)																										
7A-05-W14B-15(3)	Drainage	03-Aug-10 A	10	23-Mar-11	85%	227	Drainage																										
7A-05-W14B-20(3)	14b Reinforced Earth Wall	22-Mar-11	10	05-Apr-11	0%	227	14b Reinforced Earth Wall																										
7A-05-W14B-30(3)	14c Reinforced Earth Wall	29-Mar-11	10	12-Apr-11	0%	227	14c Reinforced Earth Wall																										
7A-05-W14B-35(3)	OLE Foundations / Street Lighting	12-Apr-11	10	27-Apr-11	0%	227	OLE Foundations / Street Lighting																										
7A-05-W14B-40(3)	Footpath Works	27-Apr-11	8	10-May-11	0%	227	Footpath Works																										
7A-05-W14B-45(3)	Signalised Junction at Eastfield Avenue	10-May-11	8	20-May-11	0%	227	Signalised Junction at Eastfield Avenue																										
7A-05-W14B-50(3)	Earthworks sand / subbase / ballast	20-May-11	7	01-Jun-11	0%	227	Earthworks sand / subbase / ballast																										
7A-05-W14B-55(3)	Crash Barrier Installation	01-Jun-11	8	13-Jun-11	0%	790	Crash Barrier Installation																										
7A-05-W14B-60(3)	Eastfield Avenue	01-Jun-11	52	15-Aug-11	0%	227	Eastfield Avenue																										
Enabling Works							Enabling Works																										
A1920	Construct New Hotel Car Park	18-Feb-11	28	29-Mar-11	0%	840	Construct New Hotel Car Park																										
A1930	Site and Vegetation Clearance	18-Feb-11	28	29-Mar-11	0%	840	Site and Vegetation Clearance																										
Gogarburn Retaining Wall (W14)							Gogarburn Retaining Wall (W14)																										
13080	Issue Construction Drawings	26-Feb-09 A	0	26-Feb-09 A	100%		Issue Construction Drawings																										
Gogarburn Culvert No2 (S31)							Gogarburn Culvert No2 (S31)																										
13090	Issue Construction Drawings	10-Sep-08 A	334	30-Oct-09 A	100%		Issue Construction Drawings																										
165	Divert Flows-Bulk Excavation	05-Jan-09 A	7	09-Jan-09 A	100%		Divert Flows-Bulk Excavation																										
309	Precast Culvert Units	12-Jan-09 A	5	30-Oct-09 A	100%		Precast Culvert Units																										
319	Reinforced Concrete Apron and Wingwalls	02-Oct-09 A	20	30-Oct-09 A	100%		Reinforced Concrete Apron and Wingwalls																										
349	Backfill and Finishes	02-Oct-09 A	11	30-Oct-09 A	100%		Backfill and Finishes																										
Gogarburn Culvert No3 (S34)							Gogarburn Culvert No3 (S34)																										
13100	Issue Construction Drawings	10-Sep-08 A	359	30-Oct-09 A	100%		Issue Construction Drawings																										
196	Divert Flows-Bulk Excavation	02-Oct-09 A	6	30-Oct-09 A	100%		Divert Flows-Bulk Excavation																										
279	Precast Culvert Units	02-Oct-09 A	5	30-Oct-09 A	100%		Precast Culvert Units																										
289	Reinforced Concrete Apron and Wingwalls	02-Oct-09 A	20	30-Oct-09 A	100%		Reinforced Concrete Apron and Wingwalls																										
299	Backfill and Finishes	02-Oct-09 A	11	30-Oct-09 A	100%		Backfill and Finishes																										
Trackwork (833m)							Trackwork (833m)																										
13110	Issue Construction Drawings	14-Jan-09 A	789	02-May-12	100%	569	Issue Construction Drawings																										
7A-05-TRCK-30	Earthworks and Subbase	12-Apr-10 A	15	22-Mar-11	85%	318	Earthworks and Subbase																										
7A-05-TRCK-01(3)	Receipt of the Change Order BDDI to IFC to allow earthworks works to commence	12-Apr-10 A	0		100%		Receipt of the Change Order BDDI to IFC to allow earthworks works to commence																										
7A-05-TRCK-31(3)	Additional Earthworks	04-May-10 A	79	21-May-10 A	100%		Additional Earthworks																										
7A-05-TRCK-51(3)	Additional Drainage	14-May-10 A	7	22-Mar-11	90%	318	Additional Drainage																										
7A-05-TRCK-40	Bottom Ballast and Ducts	21-Jun-10 A	16	01-Apr-11	50%	318	Bottom Ballast and Ducts																										

Date	Revision	Checked	Approved
11-Feb-11	ETN Updated Programme - Progress to 18 Feb 11	JAC	



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Bilfinger Berger – Siemens – CAF Consortium

10.2.2 Progressed Update Programme

Programme Revision 1
tracked for V67 Design Programme
and Progress to 18 February 2011

EDINBURGH TRAM NETWORK



Activity ID	Activity Name	Start	Original Duration	Finish	Activity % Complete	Total Float	2008												2009				2010				2011				2012				2013			2014		
							Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q1	Q2	Q3			
Edinburgh Tram Programme rev1 Progress to 18 February 2011 ...							Edinburgh T																																	
Design Stage Consents							Design Stage Consents																																	
A17260	Forth Ports	28-Sep-07 A	100	03-Mar-11	90%	728	Forth Ports																																	
A17270	Network Rail	28-Sep-07 A	100	03-Mar-11	90%	728	Network Rail																																	
A17300	British Airports Authority	28-Sep-07 A	75	18-Feb-11	100%	738	British Airports Authority																																	
A17310	Stakis Hotels	28-Sep-07 A	100	16-Oct-09 A	100%		Stakis Hotels																																	
A17320	Other 3rd Parties	28-Sep-07 A	100	03-Mar-11	90%	728	Other 3rd Parties																																	
A17330	Network Rail APA		0	14-May-08 A	100%		◆ Network Rail APA																																	
TIE Consents							TIE Consents																																	
A17280	Obtain TTRO's	28-Sep-07 A	100	25-Apr-08 A	100%		Obtain TTRO's																																	
A17290	Obtain TRO's	28-Sep-07 A	350	07-Apr-11	90%	583	Obtain TRO's																																	
Advanced Works Contract							Advanced Works Contract																																	
161	Award Advanced Works/Mobilisation Contract	01-Oct-07 A	0	17-Mar-11	100%	718	Award Advanced Works/Mobilisation Contract																																	
Advance Construction Works							Advance Construction Works																																	
A1525	Site Clearance Area 5 (trees and bushes)	17-Mar-08 A	10	01-Mar-11	25%	730	Site Clearance Area 5 (trees and bushes)																																	
A1520	Site Clearance Area 7 (trees and bushes)	27-Mar-08 A	10	18-Feb-11	90%	246	Site Clearance Area 7 (trees and bushes)																																	
A17250	Place Surcharged Embankment (at Gogar East)	28-May-10 A	15	30-Jun-10 A	100%		Place Surcharged Embankment (at Gogar East)																																	
A1530	Temporary Fencing Area 7	18-Feb-11*	20	17-Mar-11	0%	718																																		
A1540	Plant Crossing (Castle Gogar Road)	18-Feb-11*	5	24-Feb-11	0%	733																																		
A1550	Soil Strip	18-Feb-11*	5	24-Feb-11	0%	733																																		
A1560	Excavate (at Depot)	18-Feb-11*	20	17-Mar-11	0%	718																																		
A1570	Divert Cycleway at Gogarburn and erect hoarding (RBS Variation)	18-Feb-11*	15	10-Mar-11	0%	723																																		
Key Dates							Key Dates																																	
170	AWARD CONTRACT	15-May-08 A	0		100%		◆ AWARD CONTRACT																																	
270	Mobilisation	15-May-08 A	20	12-Jun-08 A	100%		■ Mobilisation																																	
280	Commence Phase 1a	15-May-08 A	0		100%		◆ Commence Phase 1a																																	
313	Section Completion A		0	26-Aug-11	0%	899	◆ Section Completion A																																	
314	Section Completion B		0	03-Dec-12	0%	434	◆ Section Completion B																																	
281	Construction Completion Phase 1a Edinburgh Airport to Haymarket		0	11-Jun-13	0%	64	◆ Construction Completion Phase 1a																																	
311	Construction Completion Phase 1a Haymarket to Newhaven (excluding roadworks)		0	14-Aug-13	0%	0	◆ Construction Completion Phase 1a																																	
315	Section Completion C		0	14-Aug-13	0%	180	◆ Section Completion C																																	
310	Commencement of Revenue Service Phase 1a Edinburgh Airport to Haymarket		0	08-Dec-13	0%	64	◆ Commencement of Revenue Service																																	
312.8	Commencement of Revenue Service Phase 1a Haymarket to Newhaven		0	10-Feb-14	0%	0	◆ Commencement of Revenue Service																																	
325	Section Completion D		0	10-Feb-14	0%	0	◆ Section Completion D																																	
Commissioning Phase 1a Edinburgh Airport to Haymarket							Commissioning																																	

Date	Revision	Checked	Approved
11-Feb-11	ETN Revision 1 Programme - Progress to 18 Feb 11	JAC	BSC

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

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Programme Revision 1
tracked for V67 Design Programme
and Progress to 18 February 2011

EDINBURGH TRAM NETWORK



Activity ID	Activity Name	Start	Original Duration	Finish	Activity % Complete	Total Float	2008												2009				2010				2011				2012				2013				2014		
							Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3							
255	Depot Watermain Diversion		0	02-Mar-09 A	100%														◆ Dept Watermain Diversion																						
190	MUDFA & Utilities work area 2 completion	04-Sep-09 A	0		100%														◆ MUDFA & Utilities work area 2 completion																						
260	MUDFA & Utilities work area 9 completion	31-Dec-09 A	0		100%														◆ MUDFA & Utilities work area 9 completion																						
240	MUDFA & Utilitieswork for sub section 5C	16-Jul-10 A	0		100%														◆ MUDFA & Utilitieswork for sub section 5C																						
220	MUDFA & Utilities work area 5	31-Oct-10 A	0		100%														◆ MUDFA & Utilities work area 5																						
230	MUDFA & Utilities work for sub section 5B	04-Nov-10 A	0		100%														◆ MUDFA & Utilities work for sub section 5B																						
180	MUDFA & Utilities work area 1 completion	18-Feb-11*	0		0%	362													◆ MUDFA & Utilities work area 1 completion																						
200	MUDFA & Utilities work for sub section 1C	18-Feb-11*	0		0%	246													◆ MUDFA & Utilities work for sub section 1C																						
210	MUDFA & Utilities work for sub section 1D	18-Feb-11*	0		0%	104													◆ MUDFA & Utilities work for sub section 1D																						
Third Party Notice Periods		18-Feb-11	284	11-Apr-12		454																																			
A14170	ADM Milling	18-Feb-11	28	17-Mar-11	0%	1061																																			
A14180	CGM Edinburgh Ltd.	18-Feb-11	28	17-Mar-11	0%	1061																																			
A14190	Forth Ports	18-Feb-11	28	17-Mar-11	0%	1061																																			
A14200	ICAS	18-Feb-11	184	20-Aug-11	0%	905																																			
A14210	Kenmore Capital	18-Feb-11	28	17-Mar-11	0%	1061																																			
A14220	Land Securities Trillium	18-Feb-11	28	17-Mar-11	0%	1061																																			
A14230	NULAP	18-Feb-11	62	20-Apr-11	0%	1027																																			
A14260	Trustees of City Point	18-Feb-11	28	17-Mar-11	0%	1061																																			
A14270	Verity Trustees	18-Feb-11	28	17-Mar-11	0%	1061																																			
A14280	CGM Edinburgh Ltd	18-Feb-11	28	17-Mar-11	0%	1061																																			
A14350	BAA	18-Feb-11	28	17-Mar-11	0%	1061																																			
A14360	Clerical Medical Investment Group	18-Feb-11	28	17-Mar-11	0%	1061																																			
A14380	Murrayfield Indoor Sports Centre	18-Feb-11	28	17-Mar-11	0%	1061																																			
A14390	NEL & EPML	18-Feb-11	28	18-Mar-11	0%	1061																																			
A14400	Royal Mail	18-Feb-11	28	17-Mar-11	0%	1061																																			
A14420	SRU	18-Feb-11	28	17-Mar-11	0%	1061																																			
A14430	UGC Properties	18-Feb-11	28	17-Mar-11	0%	1061																																			
A14440	Universities Superannuation Scheme	18-Feb-11	28	18-Mar-11	0%	1061																																			
A14450	West Craigs Ltd	18-Feb-11	28	17-Mar-11	0%	1061																																			
A14500	Adshel	18-Feb-11	31	20-Mar-11	0%	1058																																			
A14510	BT	18-Feb-11	28	17-Mar-11	0%	1061																																			
A14520	Cable & Wireless	18-Feb-11	28	17-Mar-11	0%	1061																																			
A14530	Easynet Telecomms Ltd.	18-Feb-11	28	17-Mar-11	0%	1061																																			
A14540	Historic Scotland	18-Feb-11	28	17-Mar-11	0%	1061																																			
A14560	NTL	18-Feb-11	28	17-Mar-11	0%	1061																																			

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