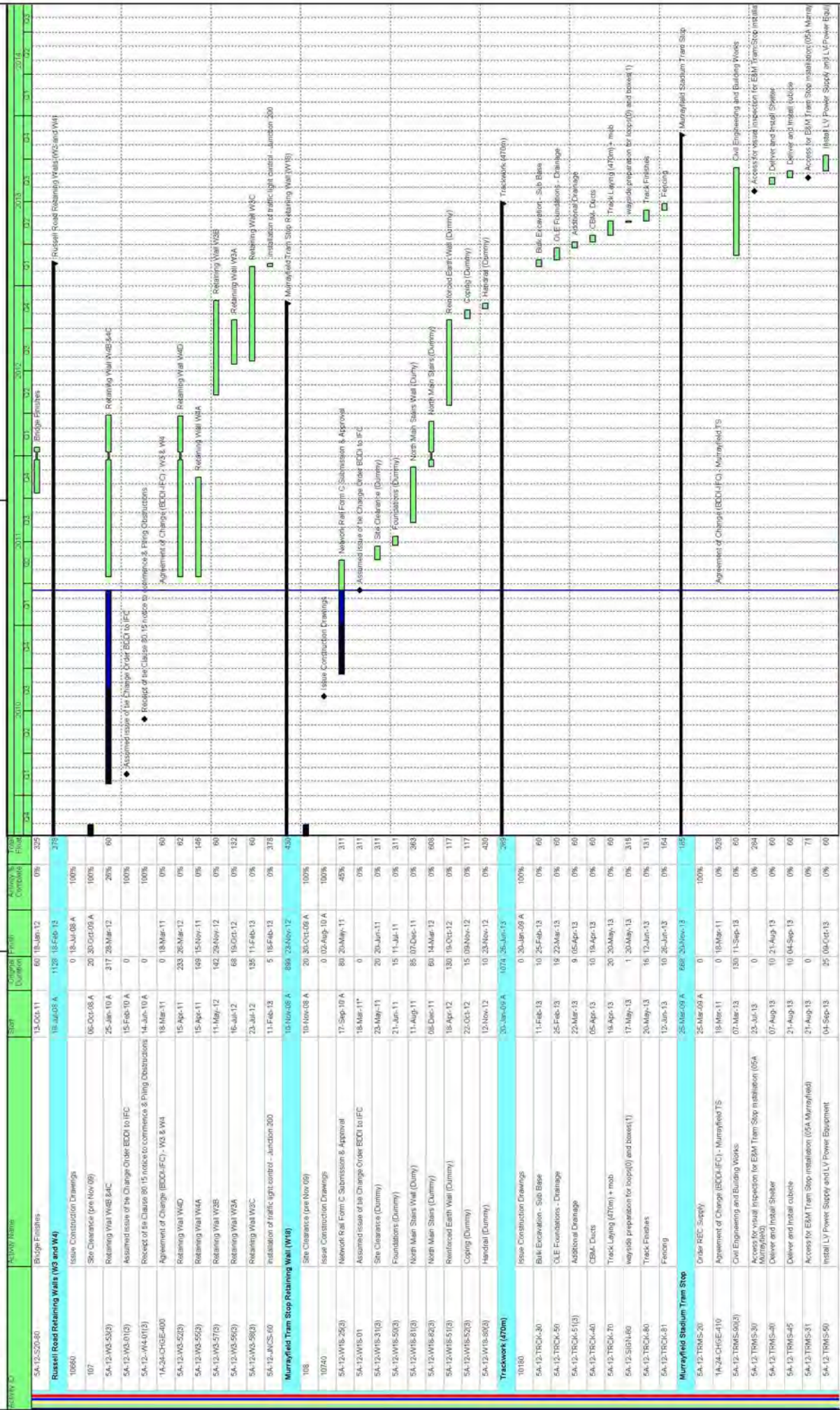




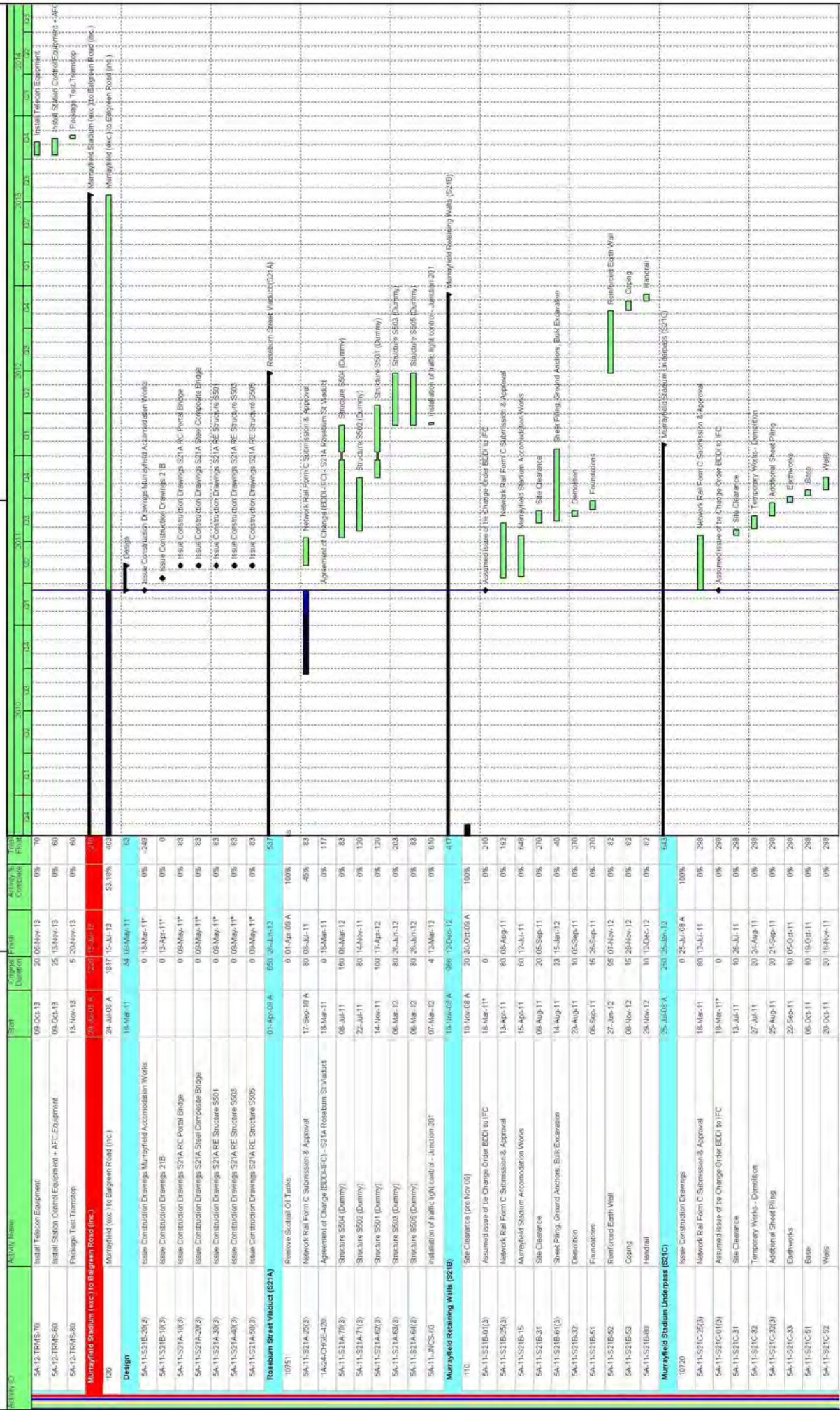
Page 92 of 116

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

11-Mar-11 | ETN Updated Programme - Progress to 18 Mar 11 | JAC | Approved | Revision | Checked | Approved



Activity ID	Activity Name	Start	Complete	Final	Activity % Complete	Year
5A-12-S20-80	Bridge Finishes	12-Oct-11	60	18-Jun-12	0%	2012
10660	Russell Road Retaining Walls (W3 and W4)	18-Jul-08 A	1128	18-Feb-13	27%	2009-2013
10660	Issue Construction Drawings	0	18-Jul-08 A		100%	
107	Site Clearance (pre Nov 09)	05-Oct-08 A	20	30-Oct-08 A	100%	
5A-12-W3-53(9)	Retaining Wall W3B 54C	25-Jan-10 A	317	28-Mar-12	26%	2010-2012
5A-12-W3-53(10)	Assumed issue of the Charge Order EDD to IFC	15-Feb-10 A	0		100%	
5A-12-W4-01(3)	Receipt of the Charge 80.15 notice to commence & bring Observations	14-Jun-10 A	0		100%	
1A-24-CHGE-000	Agreement of Change (EBOU/FC) - W3 & W4	18-Mar-11	0	18-Mar-11	0%	2011
5A-12-W3-52(9)	Retaining Wall W3A	15-Apr-11	233	28-Mar-12	0%	2011-2012
5A-12-W3-52(9)	Retaining Wall W3B	15-Apr-11	695	15-Nov-12	0%	2011-2012
5A-12-W3-56(2)	Retaining Wall W3A	11-May-12	142	28-Apr-12	0%	2012
5A-12-W3-58(2)	Retaining Wall W3C	16-Jul-12	68	19-Oct-12	0%	2012
5A-12-W3-58(2)	Retaining Wall W3C	23-Jul-12	135	11-Feb-13	0%	2012-2013
5A-12-W3-58(2)	Indication of traffic light control - Junction 300	11-Feb-12	5	16-Feb-12	0%	2012
5A-12-W3-58(2)	Murrayfield Tram Stop Retaining Wall (W8)	10-Nov-08 A	884	23-Apr-12	43%	2009-2012
108	Site Clearance (pre Nov 09)	10-Nov-08 A	20	30-Oct-08 A	100%	
10740	Issue Construction Drawings	0	02-Aug-10 A		100%	
5A-12-W16-25(3)	Network Rail Form C Submission & Approval	17-Sep-10 A	80	20-May-11	45%	2010-2011
5A-12-W16-01	Assumed issue of the Charge Order EDD to IFC	18-Mar-11	0		0%	2011
5A-12-W16-31(8)	Site Clearance (Dummy)	23-May-11	20	20-Jun-11	0%	2011
5A-12-W16-50(3)	Foundations (Dummy)	21-Jun-11	15	11-Jul-11	0%	2011
5A-12-W16-81(3)	North Main Stairs Wall (Dummy)	11-Aug-11	85	07-Dec-11	0%	2011
5A-12-W16-82(3)	North Main Stairs (Dummy)	08-Dec-11	60	14-Mar-12	0%	2011-2012
5A-12-W16-51(3)	Reinforced Earth Wall (Dummy)	19-Apr-12	130	16-Oct-12	0%	2012
5A-12-W16-52(3)	Coping (Dummy)	22-Oct-12	15	08-Nov-12	0%	2012
5A-12-W16-80(3)	Handrail (Dummy)	12-Nov-12	10	23-Nov-12	0%	2012
5A-12-W16-80(3)	Trackwork (W70m)	30-Jan-09 A	1074	25-Jun-13	26%	2009-2013
10180	Issue Construction Drawings	0	30-Jan-09 A		100%	
5A-12-TRCK-30	Bulk Excavation - Sub Base	11-Feb-13	10	25-Feb-13	0%	2013
5A-12-TRCK-50	O/E Foundations - Drainage	25-Feb-13	18	22-Mar-13	0%	2013
5A-12-TRCK-51(3)	Additional Drainage	22-Mar-13	9	05-Apr-13	0%	2013
5A-12-TRCK-40	CBM Ducts	05-Apr-13	10	19-Apr-13	0%	2013
5A-12-TRCK-70	Track Laying (W70m) + mob	18-Apr-13	20	20-May-13	0%	2013
5A-12-SIG-L60	waycable preparation for loops(0) and boxes(1)	17-May-13	1	30-May-13	0%	2013
5A-12-TRCK-80	Track Finishes	26-May-13	16	12-Jun-13	0%	2013
5A-12-TRCK-81	Fencing	12-Jun-13	10	26-Jun-13	0%	2013
5A-12-TRMS-20	Order REC Supply	25-Mar-09 A	266	20-Nov-13	10%	2009-2013
1A-24-CHGE-110	Agreement of Change (EBOU/FC) - Murrayfield TS	18-Mar-11	0	18-Mar-11	0%	2011
5A-12-TRMS-20(3)	Civil Engineering and Building Works (Murrayfield)	07-Mar-13	130	11-Sep-13	0%	2013
5A-12-TRMS-50	Access for visual inspection for EAM Tram Stop installation (OSA Murrayfield)	23-Jul-13	0		0%	2013
5A-12-TRMS-30	Deliver and install cubicle	07-Aug-13	10	21-Aug-13	0%	2013
5A-12-TRMS-45	Deliver and install cubicle	21-Aug-13	10	04-Sep-13	0%	2013
5A-12-TRMS-31	Access for EAM Tram Stop installation (OSA Murrayfield)	21-Aug-13	0		0%	2013
5A-12-TRMS-50	Install LV Power Supply and LV Power Equipment	04-Sep-13	25	08-Oct-13	0%	2013



Page 95 of 116

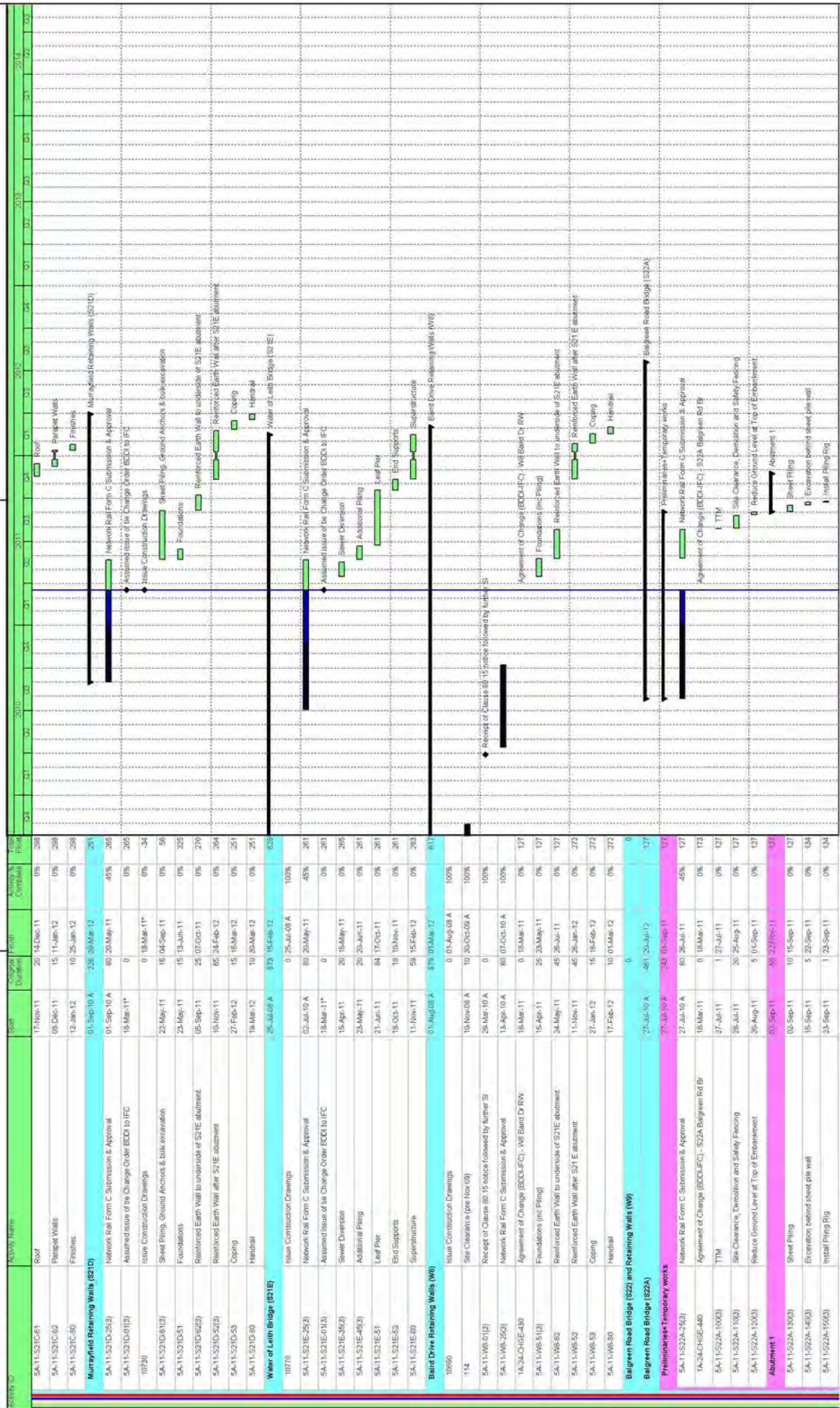
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█ Critical Remaining Work
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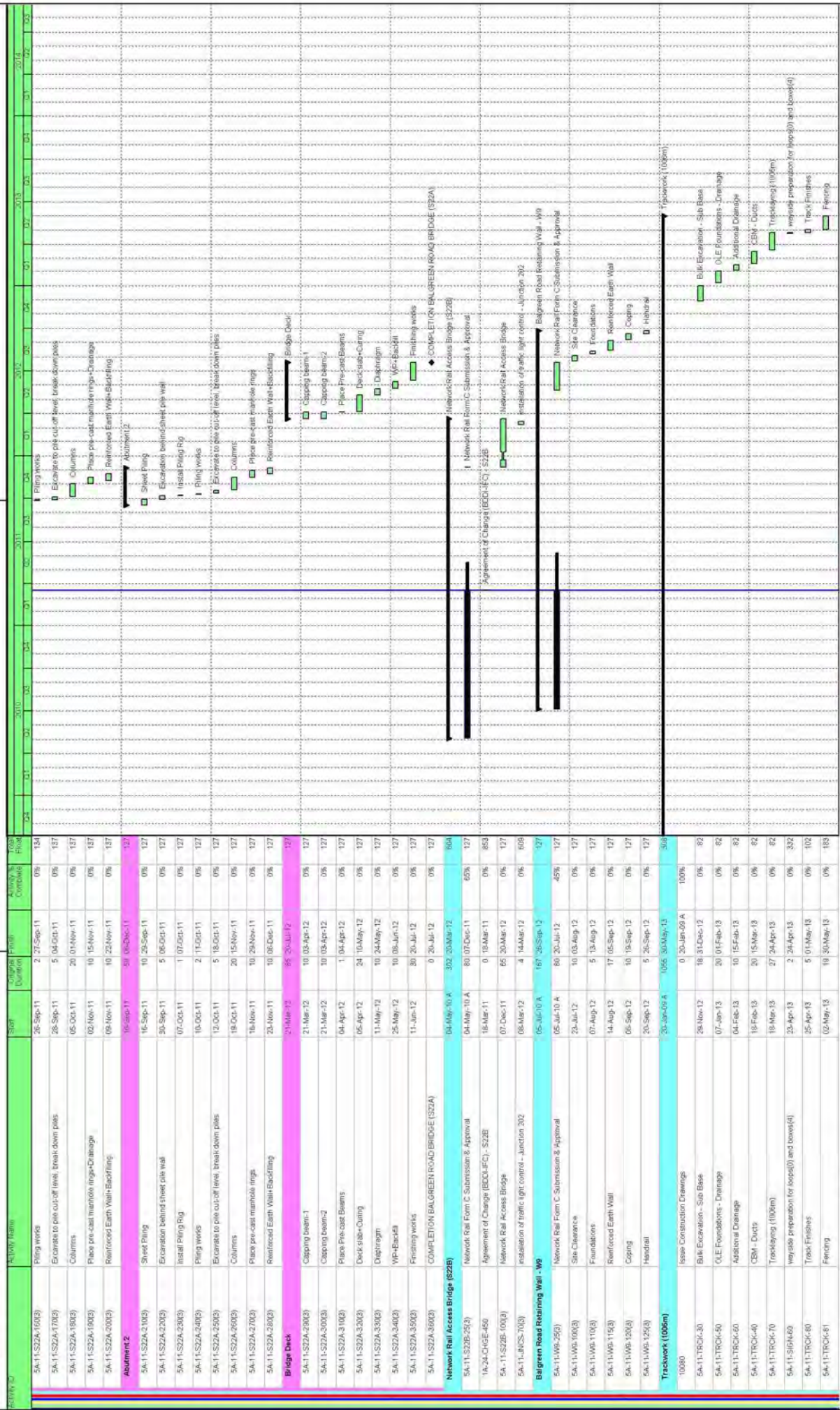
Approved: JAC

Checked: JAC

Revision: EITN Updated Programme - Progress to 18 Mar 11

Date: 11-Mar-11





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

Update Programme

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

EDINBURGH TRAM NETWORK



Activity Name	Start	Original Duration	Final Duration	Activity % Complete	Plan	2009	2010	2011	2012	2013	2014	2015	2016	2017
Balgreen Road Tram Stop														
10790 Issue Construction Drawings	24-Jun-09	125	15-Jun-12	100%	276									
5A-11-TRMS-20 Order REC Supply	25-Mar-09	0	0	100%										
5A-11-TRMS-30 Civil Engineering and Builders Work	05-Sep-12	65	05-Dec-12	0%	167									
5A-11-TRMS-30 Access for visual inspection for EAM Tram Stop installation (OSA Balgreen Road)	15-Oct-12	0		0%	484									
5A-11-TRMS-40 Deliver and Install Shelter	01-Nov-12	10	14-Nov-12	0%	167									
5A-11-TRMS-51 Access for EAM Tram Stop installation (OSA Balgreen Road)	14-Nov-12	0		0%	292									
5A-11-TRMS-45 Deliver and Install cubicle	11-Apr-13	10	25-Apr-13	0%	73									
5A-11-TRMS-50 Install LV Power Supply and LV Power Equipment	25-Apr-13	25	03-Jun-13	0%	153									
5A-11-TRMS-70 Install Telecom Equipment	03-Jun-13	20	01-Jul-13	0%	163									
5A-11-TRMS-60 Install Station Control Equipment + AFC Equipment	03-Jun-13	25	08-Jul-13	0%	153									
5A-11-TRMS-80 Package Test Tramstop	08-Jul-13	5	15-Jul-13	0%	153									
Jenners Depository Sub Station														
1A-24-OHLE-60 Agreement of Change (BODU/FC), Jenners Depository SS	18-Mar-11	212	27-Jun-12	84%	441									
5A-11-SUBS-30 Civil Engineering and Building Works	10-Jun-11	65	12-Sep-11	0%	441									
5A-11-SUBS-30 Access for visual inspection for EAM Substation installation (OSA Jenners Depository)	12-Aug-11	0		0%	796									
5B-10-SUBS-100 cable and for Power lifted	12-Aug-11	5	18-Aug-11	0%	741									
5A-11-SUBS-31 Access for EAM Substation installation (OSA, Jenners Depository)	12-Sep-11	0		0%	467									
5B-10-SUBS-45 Install HV Power Supply and Equipment (SP)	12-Sep-11	15	05-Oct-11	0%	441									
5A-11-SUBS-50 Install LV Power Supply and LV Power Equipment	03-Oct-11	15	24-Oct-11	0%	519									
5B-10-SUBS-55 Energiate Scottish Power	17-Oct-11	0		0%	704									
5A-11-SUBS-40 Power lifted from Public Net available inc HV cables	18-Oct-11	0		0%	704									
24-Oct-11 Install Telecom and Scada	24-Oct-11	15	14-Nov-11	0%	519									
14-Nov-11 Installation of TPS Equipment	14-Nov-11	30	08-Jun-12	0%	519									
5A-11-SUBS-60 Testing and Commissioning	08-Jan-12	14	27-Jan-12	0%	519									
36B Balgreen Road (exc) to Edinburgh Park Central (exc)														
118	23-Nov-08	228	30-May-13	31%	415									
118	25-May-08	1820	30-May-13	55.3%	465									
MUDCA & Utilities Completions														
5B-05-UTL-10-3	04-Jun-10	0	04-Jun-10	100%										
5B-05-UTL-10-3	04-Jun-10	0	04-Jun-10	100%										
E & M Installation														
5B-07-OHLE-30	21-Nov-11	0		0%	881									
5B-07-ELEC-30	21-Nov-11	0		0%	881									
5B-07-ELEC-40	20-Dec-11	7	12-Jan-12	0%	653									
5B-07-OHLE-31	20-Dec-11	0		0%	627									
5B-07-ELEC-31	20-Dec-11	0		0%	645									
5B-07-SIGWV-60	20-Dec-11	7	12-Jan-12	0%	645									
5B-08-OHLE-30	10-Jan-12	0		0%	714									
5B-08-ELEC-30	10-Jan-12	0		0%	714									
5B-05-SIGWV-40	06-Feb-12	15	26-Feb-12	0%	711									
5B-08-ELEC-31	06-Feb-12	0		0%	671									
5B-07W6-TELC-40	06-Feb-12	8	26-Feb-12	0%	652									
5B-05-SIGWV-60	08-Feb-12	8	26-Feb-12	0%	645									
5B-08-OHLE-31	08-Feb-12	0		0%	656									
5B-05-ELEC-40	08-Feb-12	8	26-Feb-12	0%	654									
5B-05-SIGWV-60	23-Feb-12	5	26-Feb-12	0%	711									

Page 98 of 116

Actual Work Remaining Work % Complete

ETN Updated Programme - Progress to 18 Mar 11

11-Mar-11

JAC

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Summary

Update Programme

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

EDINBURGH TRAM NETWORK



Activity ID	Activity Name	Start	Original Duration	Final Duration	Activity % Complete	Year	Phase
55-06-SI04-50	Commissioning of SIC-involving cabling EPS	01-Mar-12	5	07-Mar-12	0%	2011	711
55-07-08-OHLE-50	Installation of poles and building triverts - 16 (52.3056 - 52.4464)	07-Mar-12	9	19-Mar-12	0%	2011	627
55-09-ELEC-30	Access for visual inspection to cable pits for cable laying SGT - BNK	28-Mar-12	0	0	0%	2011	599
55-09-OHLE-60	Access for visual inspection for EAM wayside installation SGT - BNK	28-Mar-12	0	0	0%	2011	598
55-07-08-OHLE-60	Overhead Catenary Line -16 (52.3056 - 52.4464 + 52.3621 - 52.2686)	02-Apr-12	24	04-May-12	0%	2011	626
55-10-ELEC-30	Access for visual inspection to cable pits for cable laying BAL - SGT	16-Apr-12	0	0	0%	2011	715
55-10-OHLE-30	Access for visual inspection for EAM wayside installation BAL - SGT	16-Apr-12	0	0	0%	2011	716
55-09-SIGNW-60	Install Signaling Wayside Equipment SGT - BNK	30-Apr-12	10	14-May-12	0%	2011	554
55-08-ELEC-31	Access to cable pits for cable laying SGT - BNK	30-Apr-12	0	0	0%	2011	556
55-09-05-TELC-60	Install Fibre Optic Cables SGT - BNK - EPS	30-Apr-12	9	11-May-12	0%	2011	554
55-09-08-OHLE-50	Installation of poles and building triverts -16 (52.1827 - 52.3273)	30-Apr-12	10	14-May-12	0%	2011	543
55-09-OHLE-31	Access for EAM wayside installation SGT - BNK	30-Apr-12	0	0	0%	2011	543
55-06-ELEC-40	Install Electrical Cables SGT - BNK	30-Apr-12	10	14-May-12	0%	2011	554
55-08-08-OHLE-60	Overhead Catenary Line -15 (52.1827 - 52.3273)	15-May-12	24	16-Jun-12	0%	2011	543
55-09-10-TELC-60	Install Fibre Optic Cables BAL - SGT - BNK	17-May-12	12	04-Jun-12	0%	2011	556
55-09-10-OHLE-50	Installation of poles and building triverts -14 (52.0835 - 52.2032)	17-May-12	10	31-May-12	0%	2011	607
55-10-ELEC-31	Access to cable pits for cable laying BAL - SGT	17-May-12	0	0	0%	2011	556
55-10-SIGNW-60	Install Signaling Wayside Equipment BAL - SGT	17-May-12	13	05-Jun-12	0%	2011	554
55-10-OHLE-31	Access for EAM wayside installation BAL - SGT	17-May-12	0	0	0%	2011	529
55-10-ELEC-40	Access for EAM wayside installation BAL - SGT	17-May-12	13	05-Jun-12	0%	2011	554
55-09-10-OHLE-60	Overhead Catenary Line -14 (52.0835 - 52.2032)	18-Jun-12	26	24-Jul-12	0%	2011	607
55-10-11-TELC-60	Install Fibre Optic Cables MJS - BAL - SGT	02-May-13	12	20-May-13	0%	2011	168
119	Balgreen Road (exc 1 to Saughton Road North) (inc)	13-Jun-09 A	243	15-May-12	100%	2011	825
120	Balgreen Road (exc 1 to Saughton Road North) (inc)	13-Jun-09 A	1431	16-May-12	70.24%	2011	825
121	Balgreen Road (exc 1 to Saughton Road North) (inc)	10-Jul-08 A	725	23-Jun-11	78%	2011	786
108/10	Issue Construction Drawings	0	10-Jul-08 A	100%	2011		
14-24-04-GE-470	Agreement of Change (BDO/UC) - S23 Carricknowe Bf	16-Mar-11	0	19-Mar-11	0%	2011	373
14-24-04-GE-470	Agreement of Change (BDO/UC) - S23 Carricknowe Bf	24-Oct-08 A	552	23-Jun-11	100%	2011	786
14-24-04-GE-470	Agreement of Change (BDO/UC) - S23 Carricknowe Bf	20-Oct-08 A	652	23-Jun-11	78%	2011	787
11	Establishment	20-Oct-08 A	678	23-Jun-11	96.85%	2011	807
12	Temporary Fencing	20-Oct-08 A	9	05-Dec-08 A	100%	2011	
13	Hull Roads	20-Oct-08 A	5	03-Dec-08 A	100%	2011	
B14	Erect Network Rail Safety Barrier	16-Nov-08 A	2	05-Dec-08 A	100%	2011	
24	Possessions 1 (13hrs)	23-Nov-08 A	0	0	100%	2011	
A15	Possessions 2 (13hrs)	23-Nov-08 A	0	0	100%	2011	
55-10-S23-17	Remove Crush Deck and Benches	25-Jun-11	1	23-Jun-11	0%	2011	078
55-10-S23-16	Possessions 4 (13hrs)	0	0	22-Jun-11	0%	2011	1158
35	North Abutment	19-Dec-08 A	431	05-Oct-10 A	100%	2011	
35	North Abutment	16-Dec-08 A	448	05-Oct-10 A	100%	2011	
35	North Abutment	25-Oct-09 A	67	05-Oct-10 A	100%	2011	
55-10-S23-59A	Shutter front face	25-Oct-09 A	6	26-Oct-09 A	100%	2011	
128	Shutter front face (per Nov 09)	25-Oct-09 A	6	26-Oct-09 A	100%	2011	
59	Steelfiling (per Nov 09)	26-Oct-09 A	8	30-Oct-09 A	100%	2011	
55-10-S23-54A	Steelfiling	06-Nov-09 A	6	18-Nov-09 A	100%	2011	

Page 99 of 116

Approved

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Revision

11-Mar-11

ETN Updated Programme - Progress to 18 Mar 11

JAC

Actual Work

Remaining Work

Critical Remaining Work

Milestone

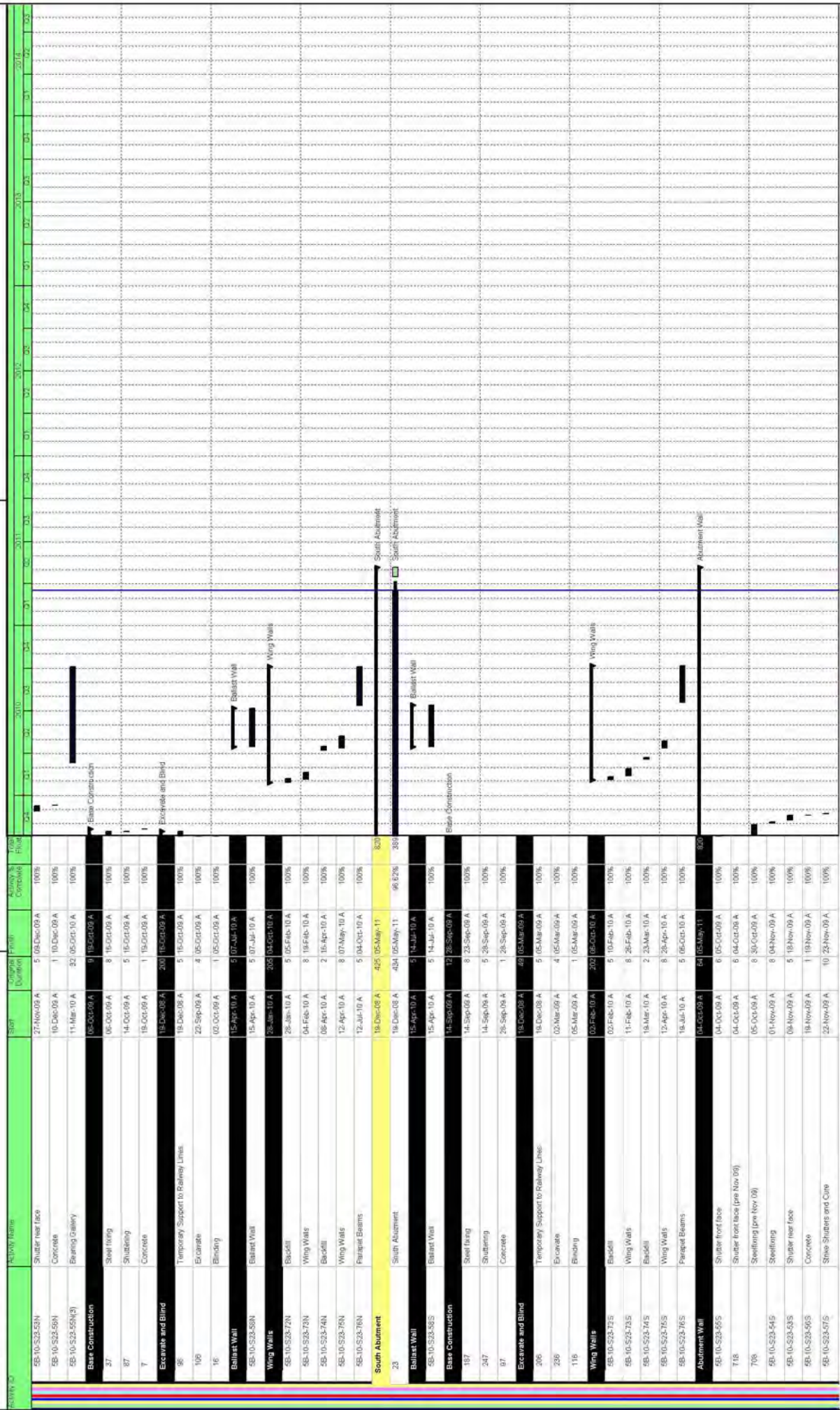
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Summary

Update Programme

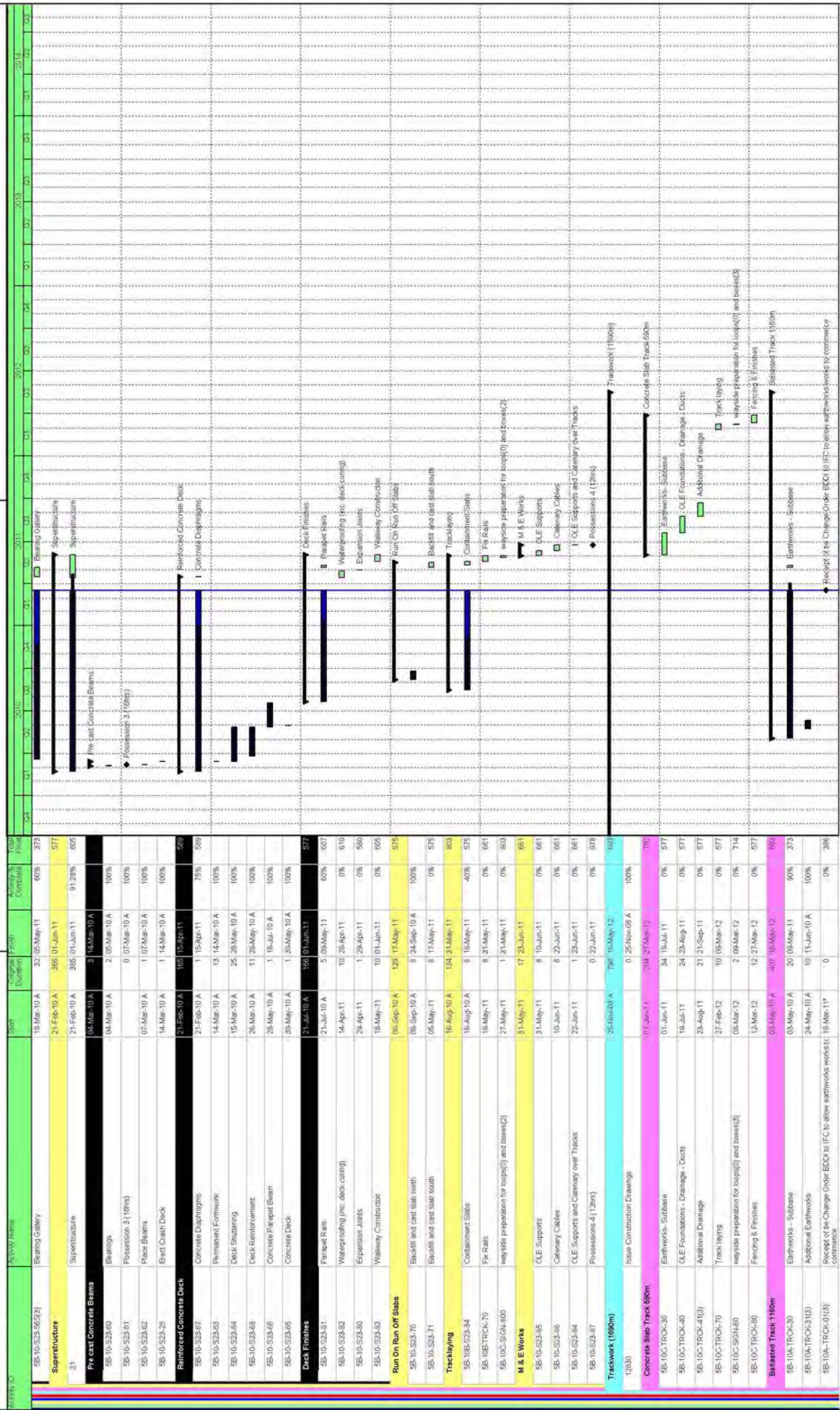
Updated for V67 Design Programme,
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EDINBURGH TRAM NETWORK

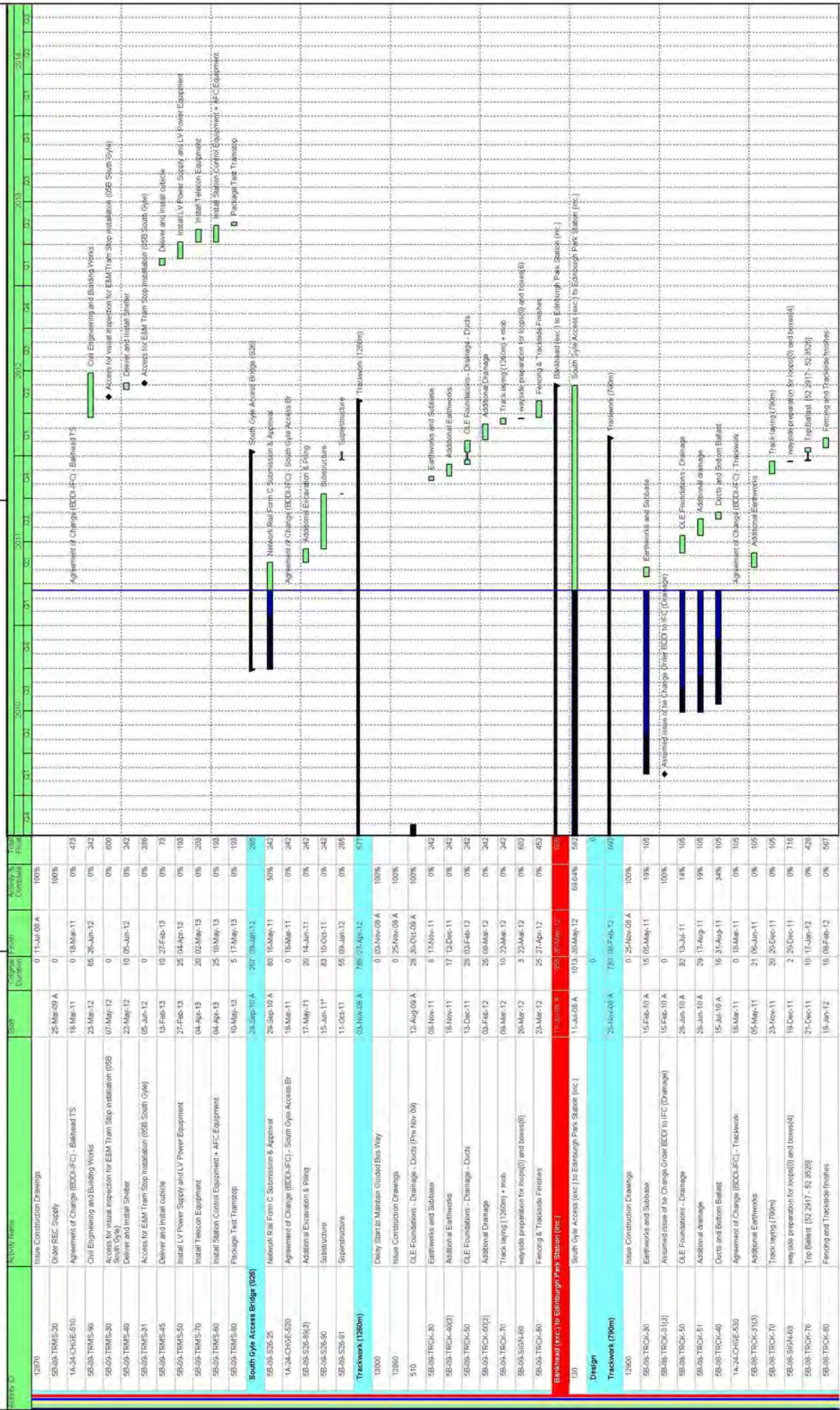


Date	Revision	Checked	Approved
11-Mar-11	ETN Updated Programme - Progress to 18 Mar 11	JAC	

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



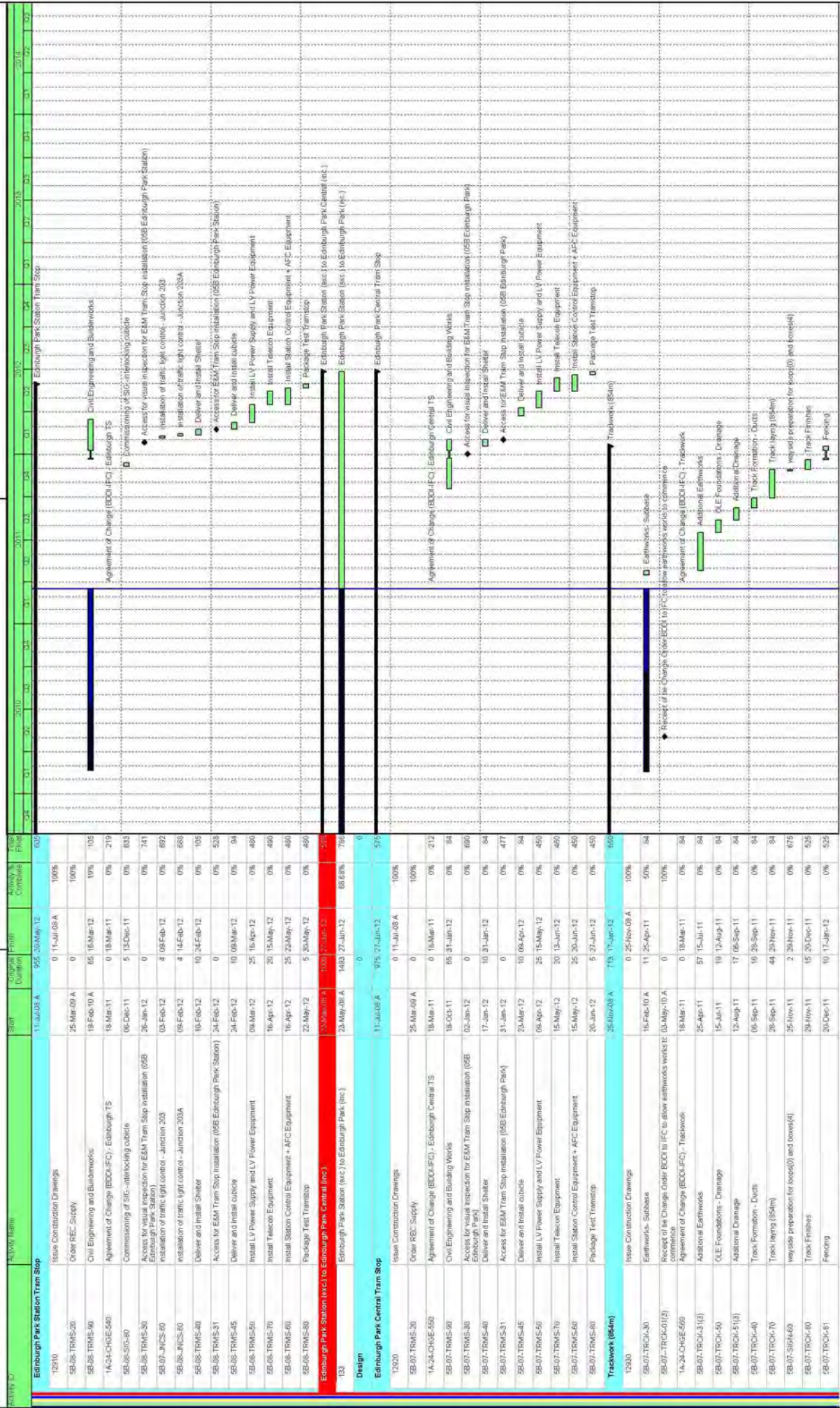
Date	Revision	Checked	Approved
11-Mar-11	ETN Updated Programme - Progress to 18 Mar 11	JAC	



Page 103 of 116

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

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



Page 104 of 116

11-Mar-11

ETN Updated Programme - Progress to 18 Mar 11

JAC

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Actual Work

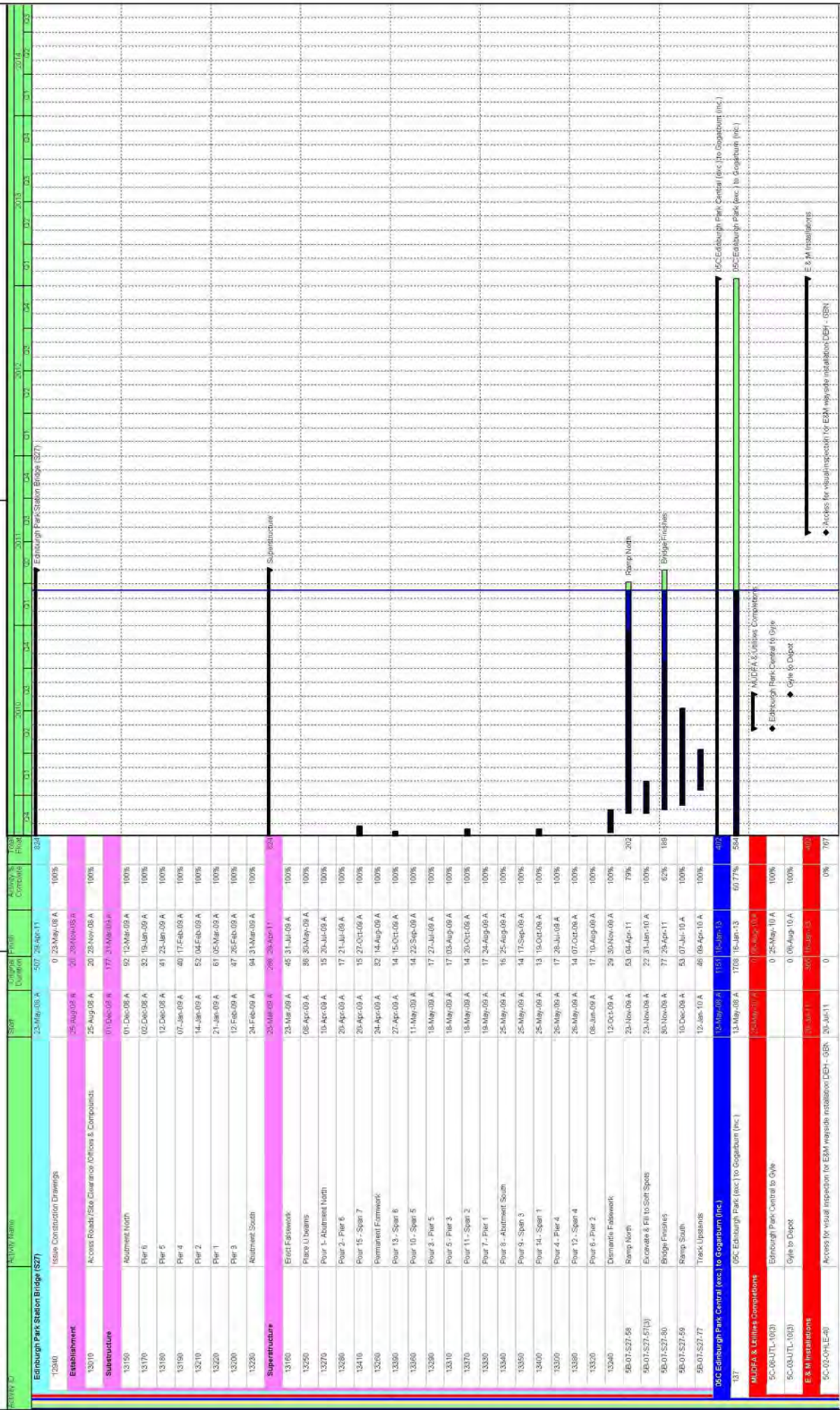
Remaining Work

Critical Remaining Work

Milestone

% Complete

Summary



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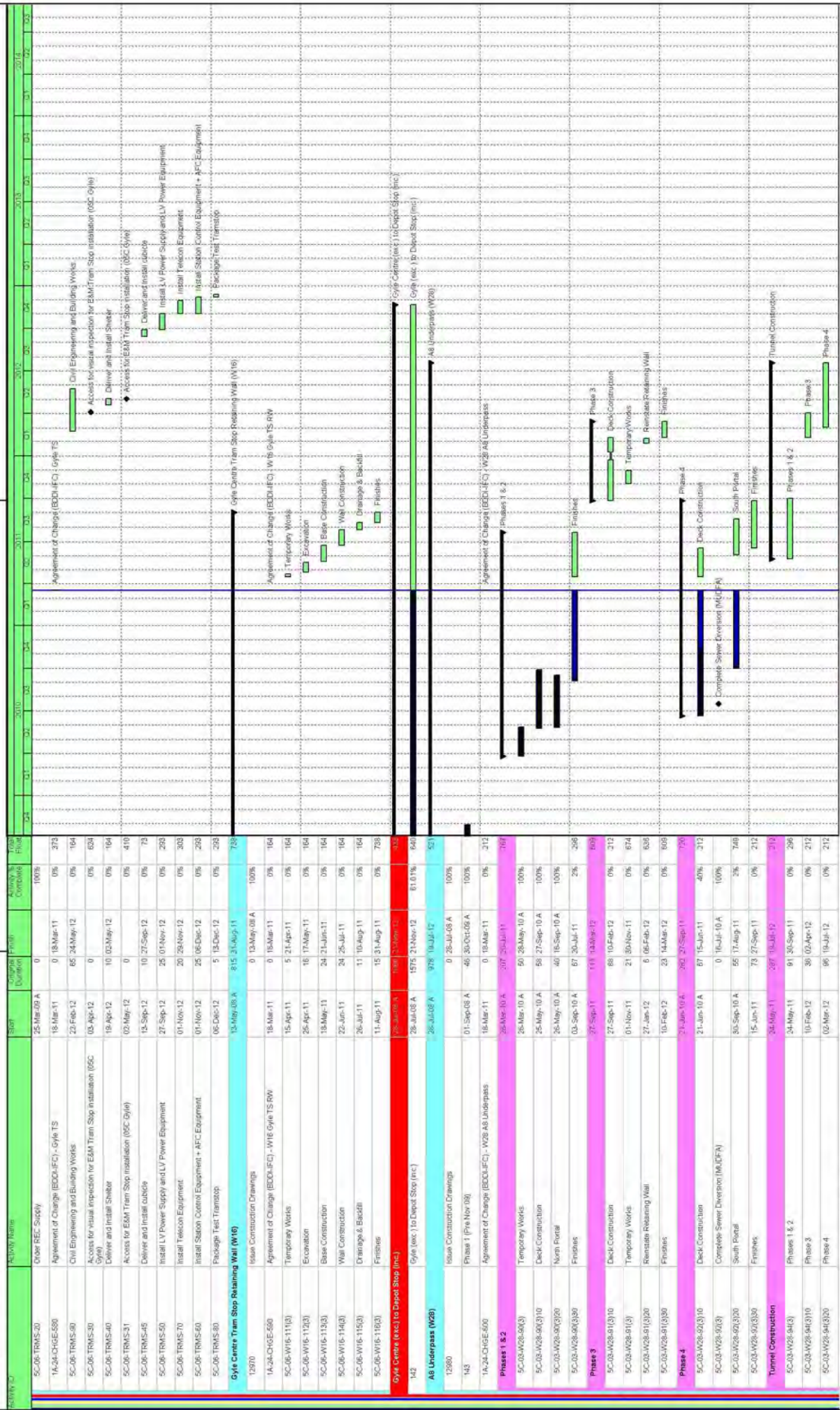
█ Actual Work
█ Remaining Work
█ Critical Remaining Work
◆ Milestone
◆ % Complete Summary

Activity Name	Activity Name	Start	Complete	Final	Activity % Complete	Task	Priority
5C-02-ELEC-60	Access for visual inspection to cable pits for cable laying DEH - GBN	20-Jun-11	0	0	0%	767	03
5C-02-OHLE-41	Access for EMW workside installation DEH - GBN	22-Aug-11	0	0	0%	579	03
5C-02-ELEC-70	Install Electrical Cables DEH - GBN	22-Aug-11	6	30-Aug-11	0%	731	03
5C-02-ELEC-41	Access to cable pits for cable laying DEH - GBN	22-Aug-11	0	0	0%	731	03
5C-06-ELEC-30	Access for visual inspection to cable pits for cable laying EDP - GYL	24-Feb-12	0	0	0%	622	03
5C-06-OHLE-30	Access for visual inspection for EMW workside installation EDP - GYL	24-Feb-12	0	0	0%	622	03
5C-06-ELEC-31	Access to cable pits for cable laying EDP - GYL	27-Mar-12	0	0	0%	577	03
5C-0607-TELC-60	Install Fibre Optic Cables EPS - EDP - GYL	27-Mar-12	8	05-Apr-12	0%	592	03
5C-06-SNNW-60	Install Signaling Wayside Equipment EDP - GYL	27-Mar-12	10	10-Apr-12	0%	596	03
5C-0607-OHLE-50	Installation of poles and building frames -17 (52.4265 - 53.0590)	27-Mar-12	7	04-Apr-12	0%	577	03
5C-06-OHLE-31	Access for EMW workside installation EDP - GYL	27-Mar-12	0	0	0%	433	03
5C-06-ELEC-60	Install Electrical Cables EDP - GYL	27-Mar-12	10	10-Apr-12	0%	590	03
5C-0607-OHLE-60	Overhead Catenary Line -17 (52.4265 - 53.0590)	05-Apr-12	18	27-Apr-12	0%	577	03
5C-03-ELEC-30	Access for visual inspection to cable pits for cable laying GYL - DEH	05-Oct-12	0	0	0%	465	03
5C-03-OHLE-30	Access for visual inspection for EMW workside installation GYL - DEH	05-Oct-12	0	0	0%	465	03
5C-010300K-TELC-60	Install Fibre Optic Cables EDP - GYL - DEH + DEF	06-Nov-12	15	27-Nov-12	0%	421	03
5C-03-SNNW-60	Install Signaling Wayside Equipment GYL - DEH	06-Nov-12	9	18-Nov-12	0%	426	03
5C-020300K-OHLE-50	Installation of poles and building frames -18 (53.0456 - 53.1749)	06-Nov-12	12	23-Nov-12	0%	277	03
5C-03-ELEC-31	Access to cable pits for cable laying GYL - DEH	06-Nov-12	0	0	0%	427	03
5C-03-OHLE-31	Access for EMW workside installation GYL - DEH	06-Nov-12	0	0	0%	427	03
5C-03-ELEC-60	Install Electrical Cables GYL - DEH	06-Nov-12	9	19-Nov-12	0%	438	03
5C-02-SNNW-70	Install Signaling Wayside Equipment DEH - GBN	18-Nov-12	6	27-Nov-12	0%	429	03
5C-020300K-OHLE-60	Overhead Catenary Line -18 (53.0456 - 53.1749)	22-Nov-12	30	16-Jan-13	0%	277	03
5C-0203-TELC-30	Install Fibre Optic Cables GYL - DEH - GBN	27-Nov-12	8	07-Dec-12	0%	421	03
Edinburgh Park (exc) to Gyle Centre (inc)		13-Mar-08	133	13-Dec-12	100%	87	03
138	Edinburgh Park (exc) to Gyle (inc)	13-May-08	1875	13-Dec-12	61.95%	817	03
Design							
Trackwork (760m)							
1290	Issue Construction Drawings	04-Feb-09	778	18-Apr-12	55%		
5E-05-TRC-A01(5)	Receipt for Change Order EDCI to FC to allow earthworks works to commence	26-Apr-10	0	04-Feb-09	100%		
1A-ZACHGE-570	Agreement of Change (EOC/UEC) - Trackwork	16-Mar-11	0	18-Mar-11	100%		
5C-05-TRC-J-30	Earthworks and Subbase	15-Apr-11	20	15-May-11	0%	168	
5C-05-TRC-A3(18)	Additional Earthworks	17-May-11	56	04-Aug-11	0%	168	
5C-05-TRC-F-50	OLE Foundations - Drainage	11-Aug-11	30	21-Sep-11	0%	164	
5C-05-TRC-A-60	Additional Drainage	22-Sep-11	40	16-Nov-11	0%	164	
5C-05-TRC-F-40	Track Formation and Outlets	17-Nov-11	16	08-Dec-11	0%	164	
5C-05-TRC-A-80	Road Crossings + msh	06-Dec-11	29	24-Jan-12	0%	164	
5C-05-NUCS-70	Installation of traffic light control - Junction 305	16-Jan-12	7	25-Jan-12	0%	644	
5C-05-TRC-F-70	Track laying (760m)	25-Jan-12	20	21-Feb-12	0%	164	
5C-05-NUCS-60	Installation of traffic light control - Junction 304	25-Jan-12	9	01-Feb-12	0%	638	
5C-05-SIGN-H-40	Workside preparation for loop(1) and box(15)	08-Feb-12	9	21-Feb-12	0%	624	
5C-05-TRC-F-80	Track Finishes	22-Feb-12	24	28-Mar-12	0%	433	
5C-05-TRC-A-91	Fencing	27-Mar-12	18	18-Apr-12	0%	459	
Gyle Centre Tram Stop		11-Sep-08	1057	13-Dec-12	41%		
1290	Issue Construction Drawings	0	0	11-Sep-09	100%		

Page 106 of 116

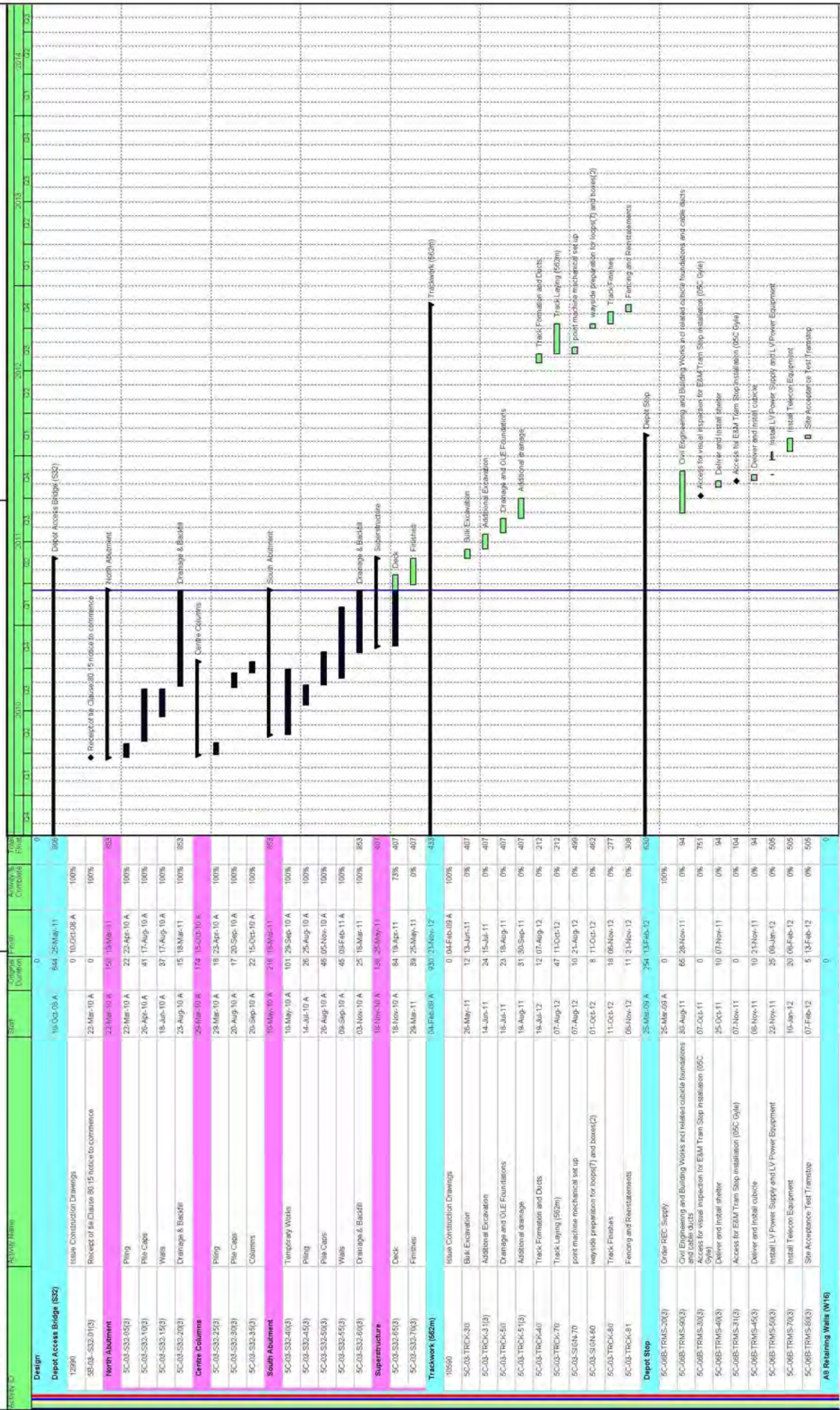
Legend:
█ Actual Work
█ Critical Remaining Work
█ Remaining Work
◆ Milestone
◆ % Complete
◆ Summary

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



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

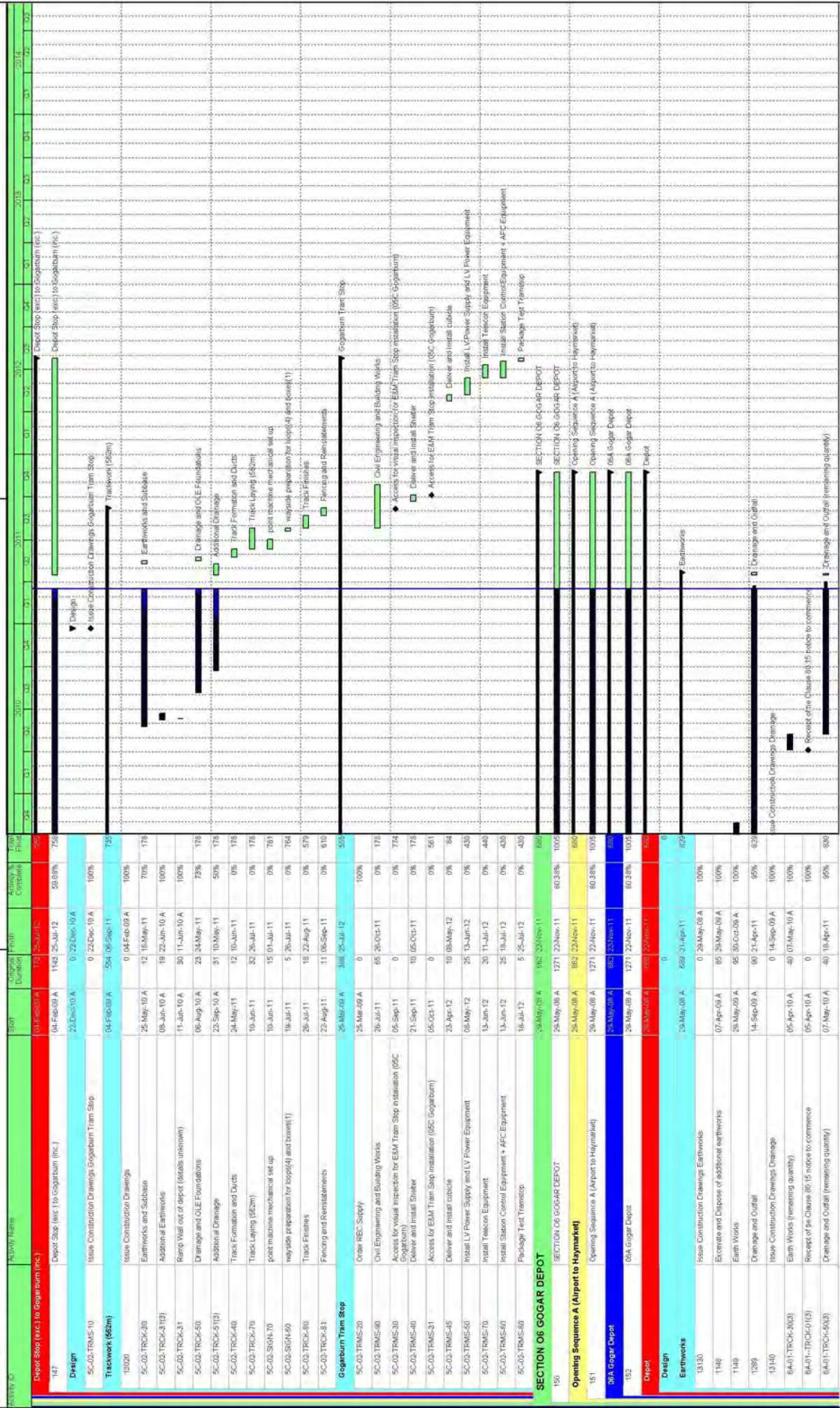
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 █ Critical Remaining Work
 █ Remaining Work
 █ Milestone
 █ % Complete
 █ Summary

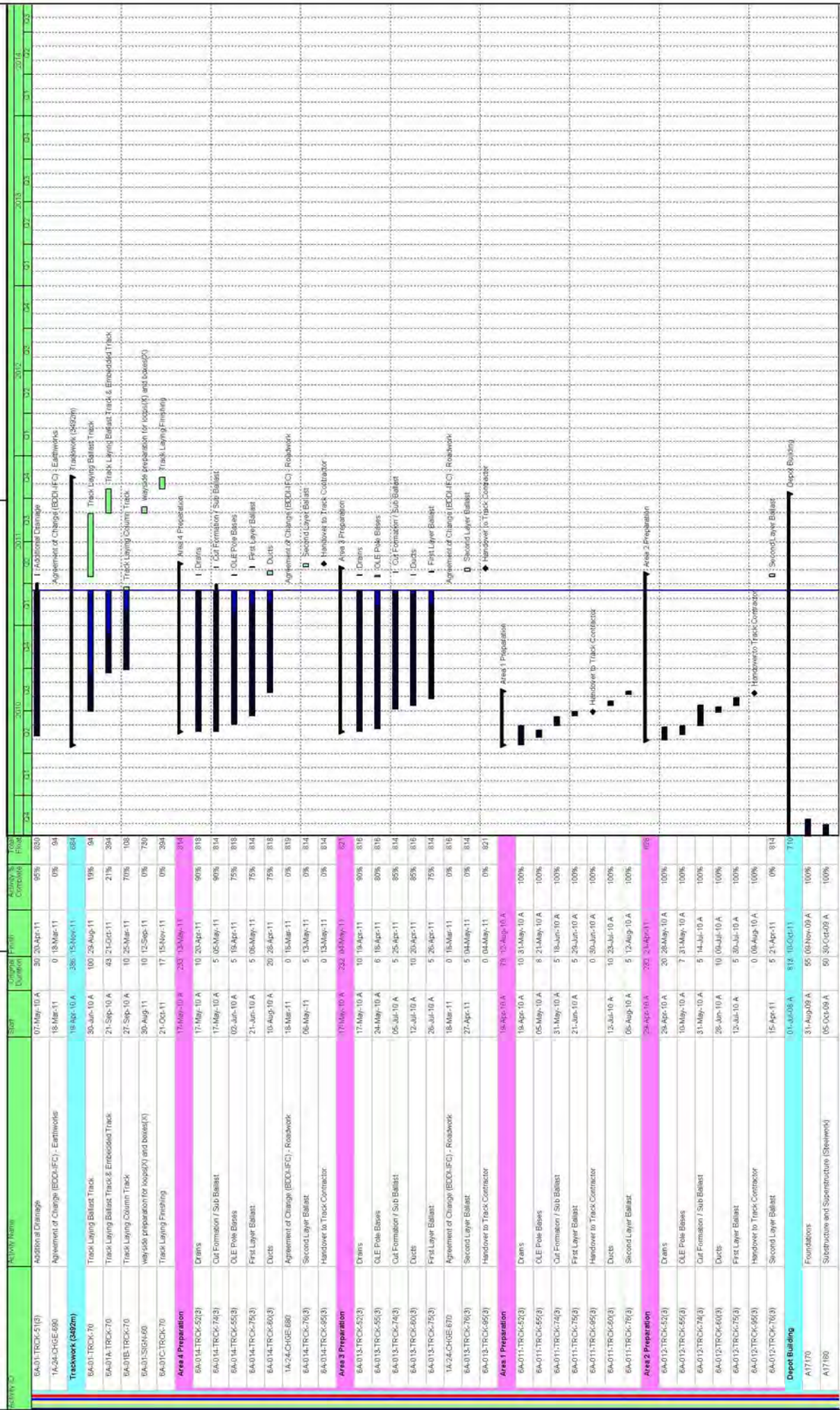


Update Programme

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

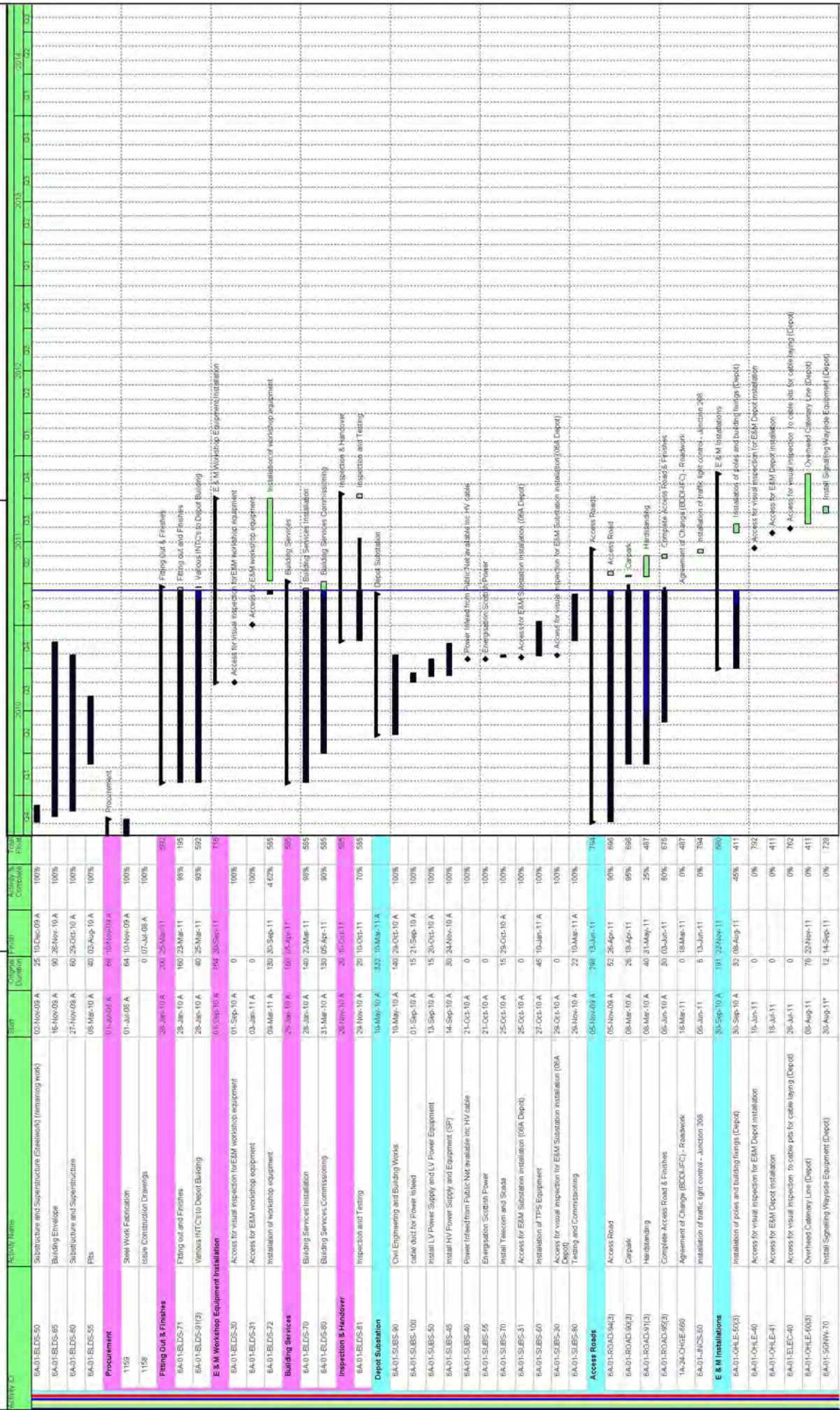
EDINBURGH TRAM NETWORK





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

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



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

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

Activity ID	Activity Name	Start	Complete	Final	Activity % Complete	Year
			Duration			Start
BAJ01-ELEC-41	Access to cable pits for cable laying (Depot)	30-Aug-11	0		0%	09/11
BAJ01-ELEC-70	Install Electrical Cables Depot	30-Aug-11	25	03-Oct-11	0%	7/15
BAJ01-SIGN-40	Installation of 2 SIG-interlocking cables depot entries	12-Sep-11	25	17-Oct-11	0%	7/29
5C-05-SIGN-60	Installation of SIG equipment on depot entry west	26-Sep-11	10	10-Oct-11	0%	7/34
5C-05-SIGN-90	Installation of SIG equipment on depot entry east	17-Oct-11	10	31-Oct-11	0%	7/29
BAJ01-SIGN-80	Commissioning of 2 SIG - interlocking cables depot entries	24-Oct-11	10	07-Nov-11	0%	7/29
Operation Control Centre (OCC)						
BAJ01-SIGN-100	Access for installation on operating and equipment floor	0	23-Mar-11		0%	8/33
BAJ01-SIGN-110	operating floor fit out	25-Mar-11	25	27-Apr-11	0%	8/33
BAJ01-SIGN-150	equipment floor fit out SIG/COM/SCADA/RABO	27-Apr-11	25	01-Jun-11	0%	8/43
SECTION 07 GOGAR TO EDINBURGH AIRPORT						
155	SECTION 07 GOGAR TO EDINBURGH AIRPORT	15-May-08 A	1116	15-Nov-12	63.02%	6/45
Opening Sequence A (Airport to Haymarket)						
156	Opening Sequence A (Airport to Haymarket)	15-May-08 A	1646	15-Nov-12	63.02%	6/45
DTA Gogarburn (exc. to Edinburgh Airport (inc.))						
157	DTA Gogarburn (exc. to Edinburgh Airport (inc.))	15-May-08 A	1646	15-Nov-12	63.02%	6/45
SCOPA & Utilities Commitments						
E & M Installations						
7A-04-OHLE-30	Access for visual inspection for ESM wayside installation GBN - IPR	15-Jun-12	0	09-Jul-12	0%	5/27
7A-04-ELEC-20	Access for visual inspection to cable pits for cable laying GBN - IPR	12-Jun-12	0		0%	6/55
7A-04-OHLE-31	Access for ESM wayside installation GBN - IPR	13-Feb-12	0		0%	6/68
7A-04-ELEC-31	Access to cable pits for cable laying GBN - IPR	13-Feb-12	0		0%	3/43
7A-0204-OHLE-50	Installation of poles and building fittings-19 (53 1566- 71 0781)	13-Feb-12	7	21-Feb-12	0%	3/43
7A-04-ELEC-60	Install Electrical Cables GBN - IPR	13-Feb-12	13	28-Feb-12	0%	6/14
7A-070204-TELC-60	Install Fibre Optic Cables GBN - GBN - IPR + DEP	13-Feb-12	15	02-Mar-12	0%	6/14
7A-04-SIGNWA-60	Install Signaling Wayside Equipment GBN - IPR	13-Feb-12	13	28-Feb-12	0%	6/14
7A-04-OHLE-50	Installation of poles and building fittings-20 (71 0581 - 71 1351)	13-Feb-12	4	16-Feb-12	0%	3/53
7A-04-OHLE-60	Overhead Catenary Line -20 (71 0581 - 71 1351)	17-Feb-12	9	28-Feb-12	0%	3/53
7A-05-ELEC-30	Overhead Catenary Line -19 (53 1566 - 71 0781)	22-Feb-12	16	14-Mar-12	0%	3/43
7A-05-ELEC-30	Access for visual inspection to cable pits for cable laying IPR - AIR	01-May-12	0		0%	5/76
7A-05-ELEC-60	Access for visual inspection for ESM wayside installation IPR - AIR	01-May-12	0		0%	5/76
7A-05-SIGNWA-60	Install Signaling Wayside Equipment IPR - AIR	04-Jun-12	7	13-Jun-12	0%	5/47
7A-04-05-OHLE-50(3)	Installation of poles and building fittings-21 (71 1126- 71 2680)	04-Jun-12	7	13-Jun-12	0%	4/04
7A-05-SIGN-40	Installation of SIG-interlocking cables AIR	04-Jun-12	15	30-Jun-12	0%	5/55
7A-05-ELEC-31	Access to cable pits for cable laying IPR - AIR	04-Jun-12	0		0%	5/50
7A-05-OHLE-31	Access for ESM wayside installation IPR - AIR	04-Jun-12	0		0%	4/04
7A-0405-TELC-70	Install Fibre Optic Cables GBN - IPR - AIR	04-Jun-12	10	15-Jun-12	0%	5/40
7A-0405-OHLE-60(3)	Overhead Catenary Line -21 (71 1126 - 71 2680 + 71 2288 - 71 2512)	15-Jun-12	19	06-Jul-12	0%	4/04
7A-05-TELC-60	Install Fibre Optic Cables IPR - AIR	18-Jun-12	4	21-Jun-12	0%	5/40
7A-05-SIGN-80	Installation of SIG equipment on crossover AIR	02-Jul-12	5	06-Jul-12	0%	5/55
Gogarburn (exc. to Ingleton Park & Rite (inc.))						
158	Gogarburn (exc. to Ingleton Park & Rite (inc.))	15-May-08 A	1646	15-Nov-12	63.02%	6/45
Design						

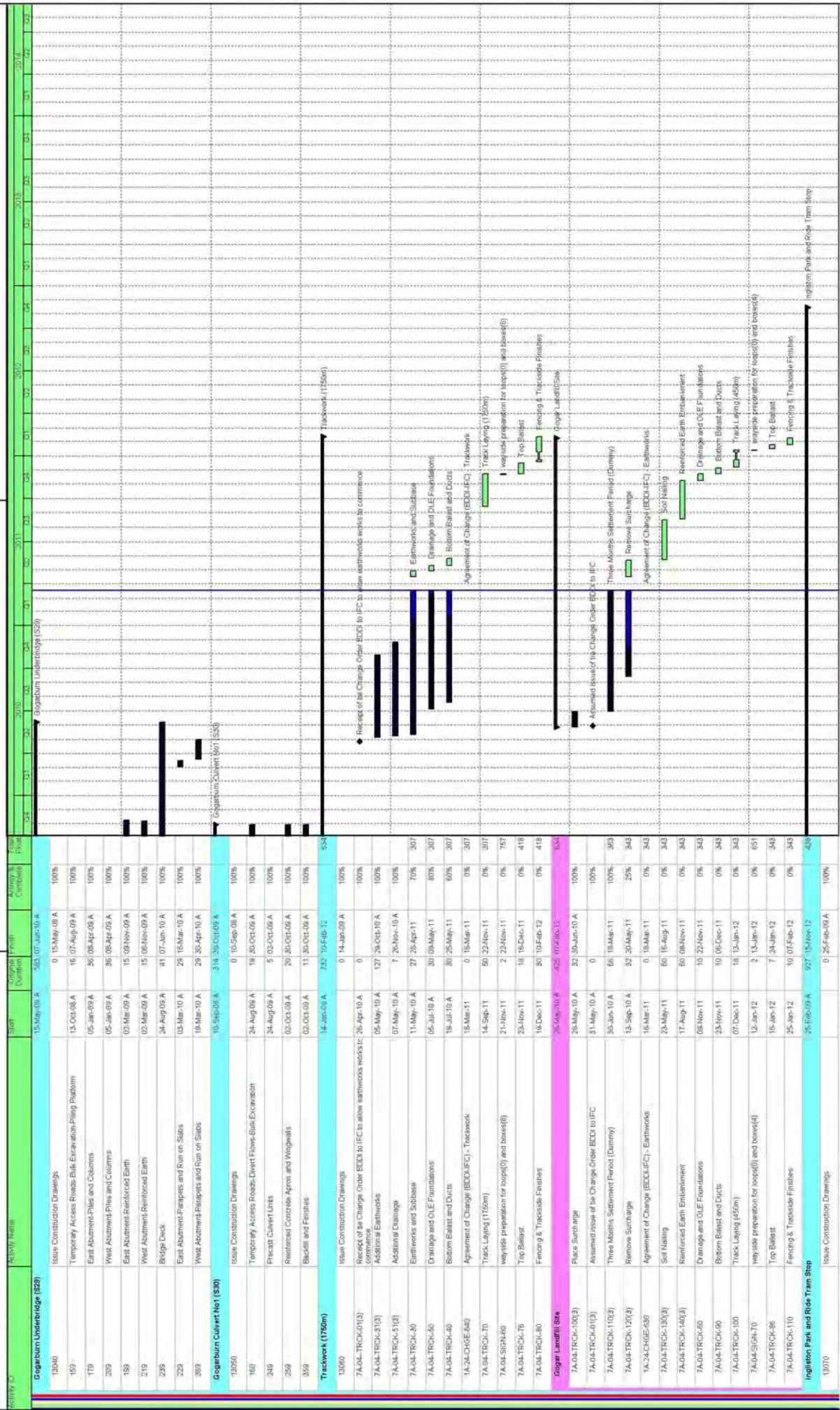
Page 112 of 116

Actual Work Remaining Work Critical Remaining Work % Complete

ETN Updated Programme - Progress to 18 Mar 11

11-Mar-11 JAC Approved

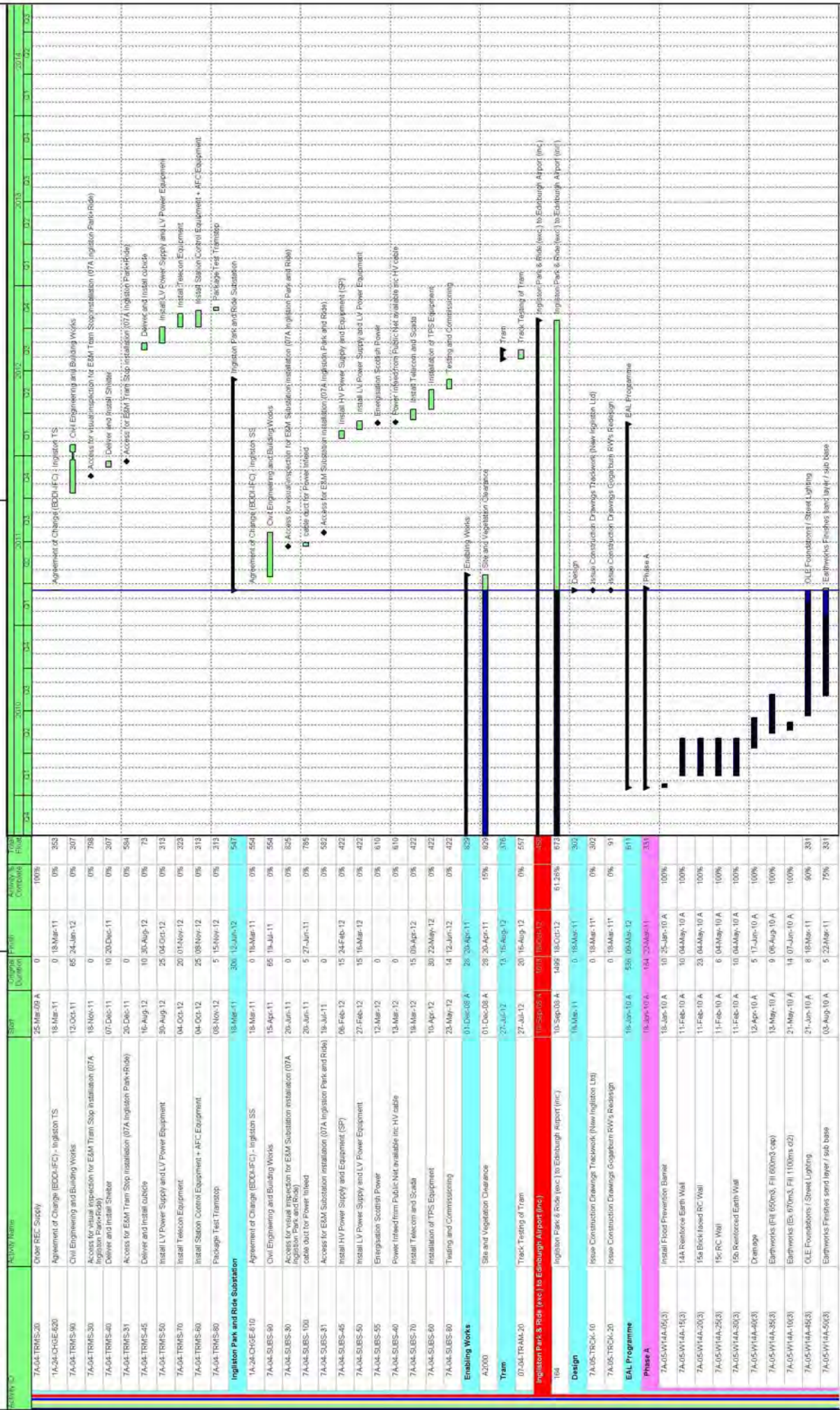
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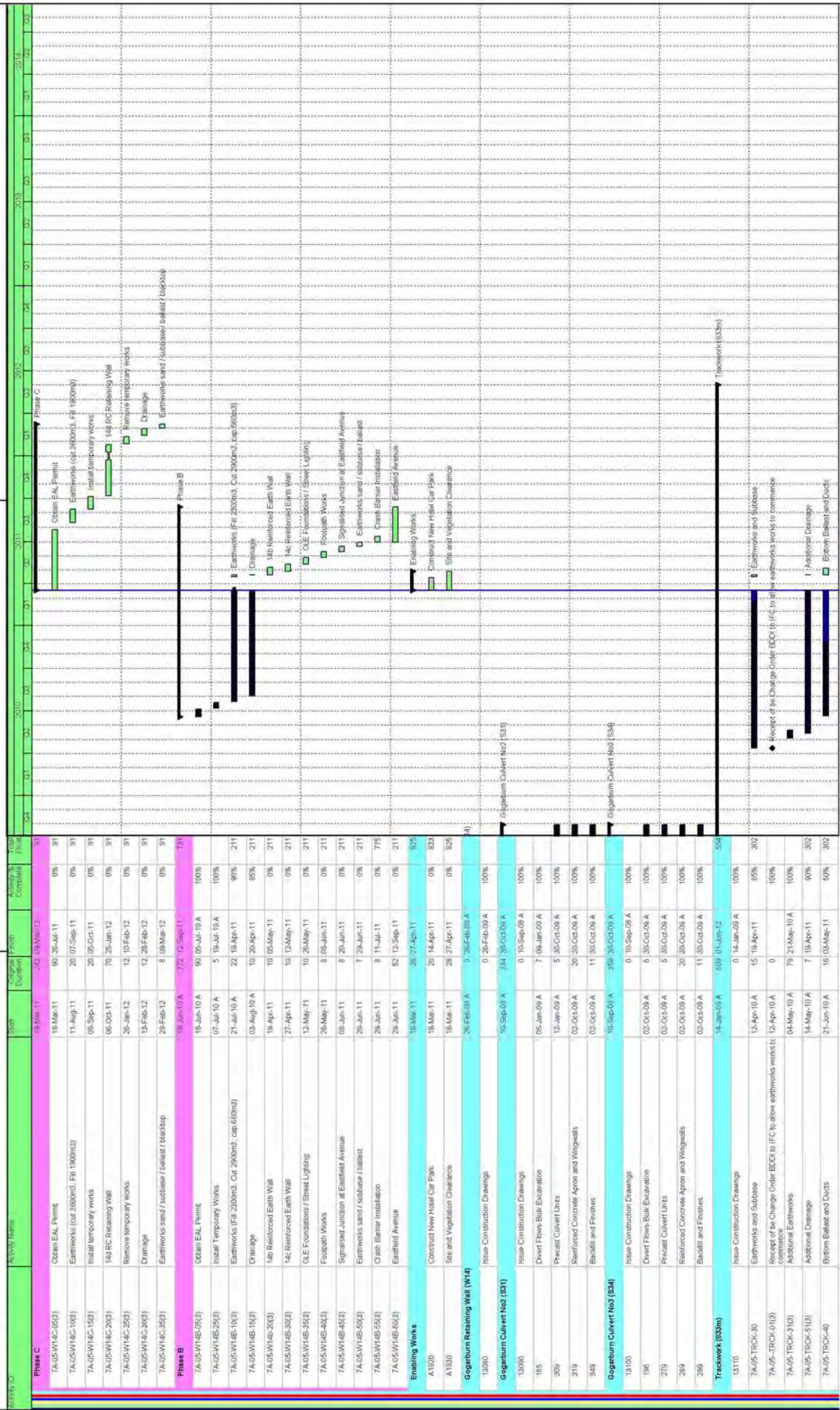
Page 113 of 116

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

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



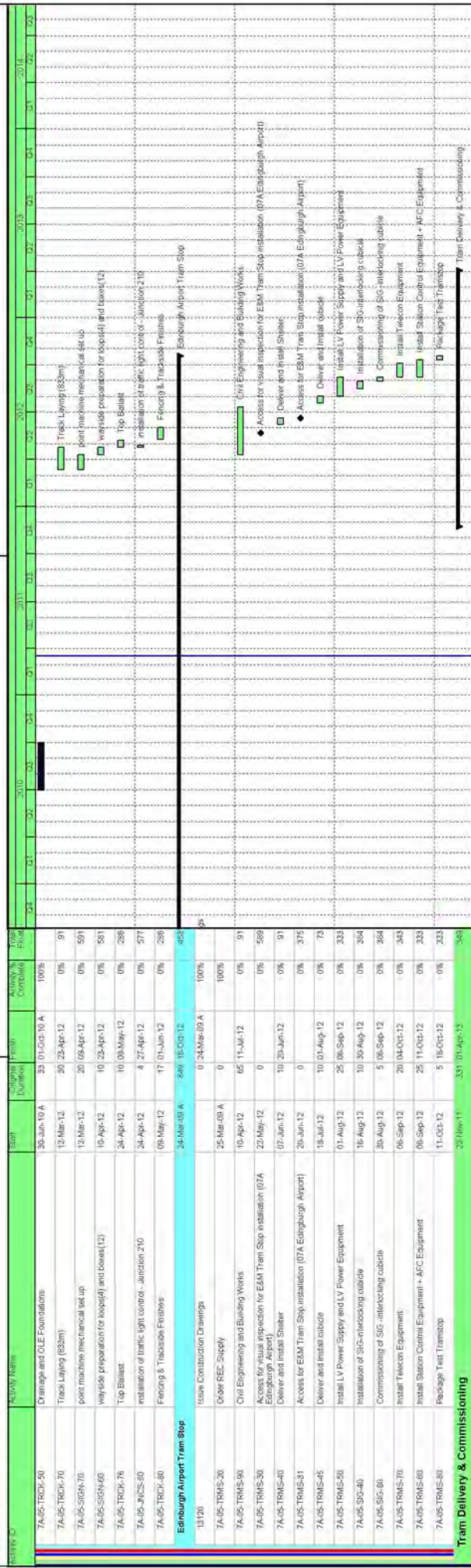
Date	Revision	Checked	Approved
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Update Programme

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

EDINBURGH TRAM NETWORK

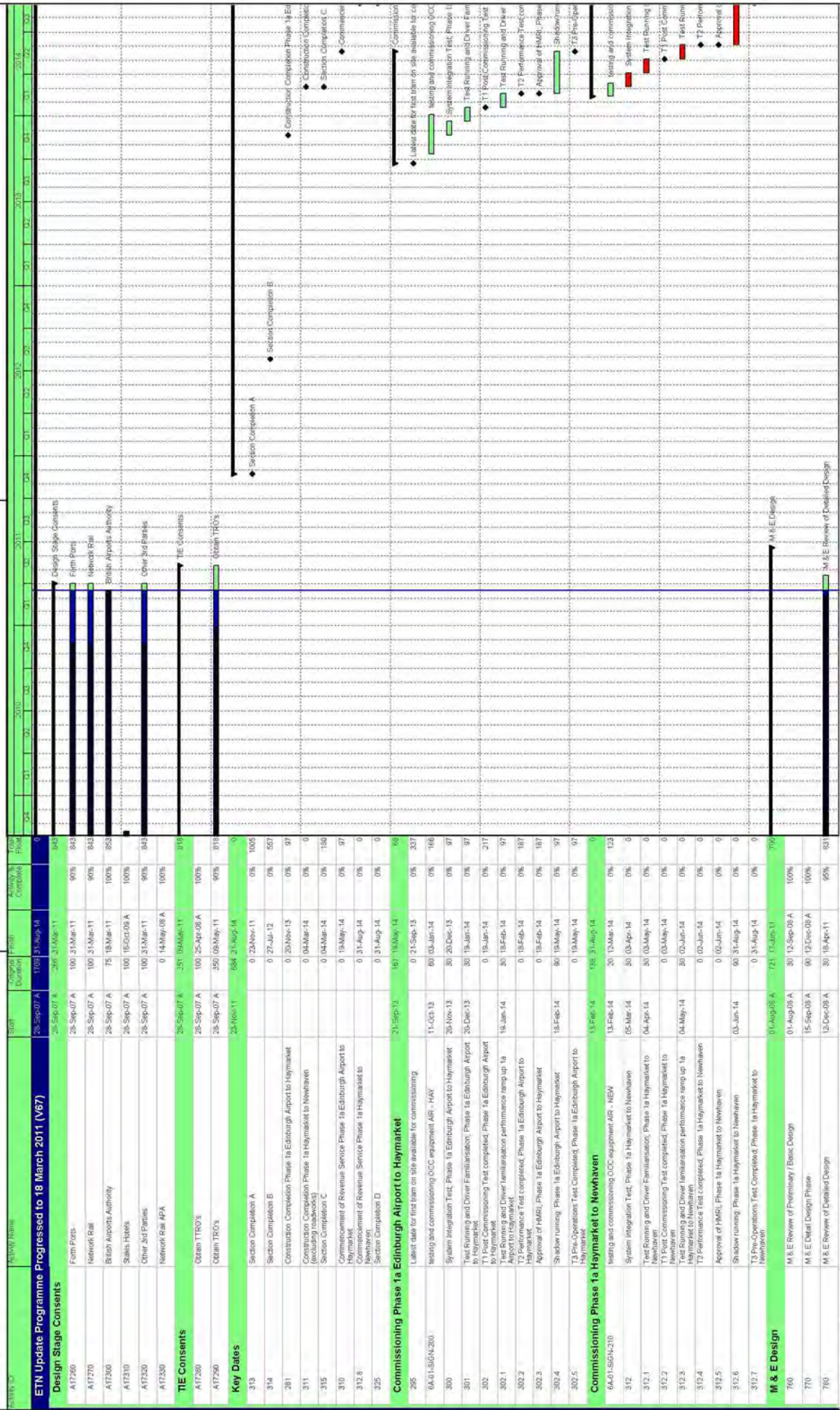


Date	Revision	Checked	Approved
11-Mar-11	ETN Updated Programme - Progress to 18 Mar 11	JAC	

Page 116 of 116

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

10.2.2 Progressed Update Programme



Activity ID	Activity Name	Start	Original Duration	Final Duration	Activity % Complete	Yield	2009	2010	2011	2012	2013	2014	2015	2016	2017	
750	M & E Design Freeze	01-Aug-08 A	648	17-Jun-11	0%	831										
Railway Electrification																
A17080	SCS Issue Track Alignment Drawings	01-Aug-08 A	648	17-Jun-11	0%	750										
A17090	Basic Design TFS	01-Aug-08 A	100	05-Jan-09 A	100%											
A17110	Basic Design OCS	01-Aug-08 A	100	12-Dec-08 A	100%											
A17160	SCS Design OLE Foundations	08-Sep-08 A	100	18-Mar-11	100%	852										
A17100	Detail Design TFS	26-Sep-08 A	100	07-Jul-09 A	100%											
A17120	Detail Design OCS	26-Sep-08 A	100	18-Sep-09 A	100%											
A17130	Procurement	26-Oct-08 A	100	30-Oct-09 A	100%											
A17140	Manufacturing	01-Apr-09 A	343	01-Apr-11	99%	842										
A17150	Dispatch	22-Sep-09 A	141	17-Jun-11	80%	750										
Track Finishes																
A20000	Tamping Ballast	15-Nov-11	549	10-Sep-14	0%	44										
A20005	Tamping Ballast section 2B + 7A	15-Nov-11	40	24-Jun-12	0%	304										
A20006	Tamping Ballast section 5A	04-May-12	30	20-Jun-12	0%	291										
A20010	Finishing	02-May-13	15	23-May-13	0%	102										
A20020	Plantersing	06-Aug-13	50	16-Oct-13	0%	85										
A20030	Grinding	17-Oct-13	25	20-Nov-13	0%	62										
SECTION 01 NEWHAVEN ROAD TO HAYMARKET																
1	Opening Sequence B (Haymarket to Newhaven Road)	15-Jul-08 A	1402	04-Mar-14	47.78%	171										
Opening Sequence B (Haymarket to Newhaven Road)																
2	Opening Sequence B (Newhaven Road to Haymarket)	15-Jul-08 A	2074	04-Mar-14	47.78%	171										
D1A Newhaven Road (inc to Foot of the Walk (exc))																
3	E & M Installations	03-Dec-12	0	13-Dec-12	0%	182										
1A-21-TOHLE-30	Access for visual inspection for EBM wayaside installation BER - FOW	03-Dec-12	0	13-Dec-12	0%	407										
1A-21-VELEC-30	Access for visual inspection to cable pits for cable laying BER - FOW	14-Dec-12	0	0%	488											
1A-23-OHLE-30	Access for visual inspection for EBM wayaside installation OGT - POL	20-Dec-12	0	0%	569											
1A-24-OHLE-40	Access for visual inspection for EBM wayaside installation NEW - OCT	20-Dec-12	0	0%	599											
1A-21-TOHLE-31	Access for EBM wayaside installation BER - FOW	15-Jan-13	0	0%	448											
1A-21-VELEC-31	Access to cable pits for cable laying BER - FOW	26-Jun-13	0	0%	444											
1A-24-23-OHLE-50	Installation of poles and building fittings-2 (10 0019 - 10 1315)	01-Feb-13	6	08-Feb-13	0%	524										
1A-23-24-OHLE-50	Installation of poles and building fittings-3 (10 0818 - 10 1044)	01-Feb-13	8	05-Feb-13	0%	538										
1A-24-OHLE-41	Access for EBM wayaside installation NEW - OCT	01-Feb-13	0	0%	524											
1A-24-OHLE-41	Access for EBM wayaside installation NEW - OCT	01-Feb-13	0	0%	524											
1A-24-OHLE-50(3)	Installation of poles and building fittings-1 (10 0110 - 10 0245)	06-Feb-13	2	07-Feb-13	0%	540										
1A-23-24-OHLE-60	Overhead Catenary Line-3 (10 0816 - 10 1044)	06-Feb-13	8	19-Feb-13	0%	538										
1A-24-OHLE-60(3)	Overhead Catenary Line-1 (10 0110 - 10 0245)	11-Feb-13	5	15-Feb-13	0%	540										
1A-24-23-OHLE-60	Overhead Catenary Line-2 (10 0019 - 10 1315)	18-Feb-13	17	12-Mar-13	0%	524										
1A-23-VELEC-30	Access for visual inspection to cable pits for cable laying OGT - POL	26-Feb-13	0	0%	528											
1A-24-VELEC-40	Access for visual inspection to cable pits for cable laying NEW - OCT	26-Feb-13	0	0%	528											
1A-24-SIGH-40	Installation of S/G interlocking cable OGT	02-Apr-13	15	22-Apr-13	0%	471										
1A-24-VELEC-70	Install Electrical Cables NEW - LSE	03-Apr-13	6	06-Apr-13	0%	375										
1A-24-TELEC-70	Install Fibre Optic Cables NEW - OCT	02-Apr-13	4	05-Apr-13	0%	494										
1A-24-SIGH-70	Install Signaling Wayside Equipment NEW - OCT	02-Apr-13	8	11-Apr-13	0%	473										

Page 2 of 116

Actual Work Remaining Work

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ETN Updated Programme - Progress to 18 Mar 11

11-Mar-11

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% Complete

Summary

Activity Name	Start	Original Duration	Final Duration	Activity % Complete	Activity % Complete	Year	2009	2010	2011	2012	2013	2014	2015	2016	2017
1A-25-SIGNW-60	02-Apr-13	8	11-Apr-13	0%	48%										
1A-23-ELEC-31	02-Apr-13	0		0%	47%										
1A-24-ELEC-41	02-Apr-13	0		0%	37%										
1A-23-TEL-60	08-Apr-13	8	11-Apr-13	0%	48%										
1A-24-SIGN-60	15-Apr-13	10	28-Apr-13	0%	49%										
1A-23-SIGN-60	16-Apr-13	20	14-May-13	0%	47%										
1A-24-SIGN-60	23-Apr-13	20	21-May-13	0%	46%										
1A-23-SIGN-60	15-May-13	5	21-May-13	0%	47%										
1A-24-SIGN-60	15-May-13	5	28-May-13	0%	49%										
1A-22-OHLE-60	21-May-13	0		0%	36%										
1A-22-ELEC-30	01-Nov-13	0		0%	35%										
1A-22-23-OHLE-60	26-Nov-13	5	28-Nov-13	0%	27%										
1A-20-22-OHLE-60	26-Nov-13	8	29-Nov-13	0%	20%										
1A-22-23-TEL-31	26-Nov-13	0		0%	31%										
1A-22-23-OHLE-60	27-Nov-13	10	19-Dec-13	0%	27%										
1A-20-22-OHLE-60	02-Dec-13	19	07-Jan-14	0%	20%										
1A-20-23-ELEC-60	03-Dec-13	22	18-Jan-14	0%	18%										
1A-22-23-TEL-60	03-Dec-13	6	10-Dec-13	0%	22%										
1A-22-SIGNW-60	03-Dec-13	4	08-Dec-13	0%	24%										
1A-22-ELEC-31	03-Dec-13	0		0%	31%										
1A-21-SIGNW-60	06-Dec-13	5	13-Dec-13	0%	24%										
1A-21-22-TEL-60	11-Dec-13	5	17-Dec-13	0%	22%										
Newhaven Road (inc. to Ocean Terminal) (A x C)	30-Sep-08	1799	13-Aug-12	100%	50%										
4	30-Sep-08	1778	13-Aug-13	50.52%	27%										
SECTION WIDE (OFF-TM)	11-Dec-09	315	10-Jul-11	0%	77%										
1A-24-CHGE-10	16-Mar-11	0	18-Mar-11	0%	77%										
1A-24-CHGE-20	16-Mar-11	0	18-Mar-11	0%	17%										
1A-24-CHGE-30	16-Mar-11	0	18-Mar-11	0%	17%										
1A-24-CHGE-40	16-Mar-11	0	18-Mar-11	0%	27%										
1A-24-CHGE-50	16-Mar-11	0	18-Mar-11	0%	46%										
1A-24-CHGE-60	16-Mar-11	0	18-Mar-11	0%	85%										
1A-24-CHGE-70	16-Mar-11	0	18-Mar-11	0%	28%										
1A-24-CHGE-80	16-Mar-11	0	18-Mar-11	0%	78%										
Lindsay Road Retaining Wall W1A - Phase 1	17-Dec-09	315	10-Jul-11	0%	77%										
Preliminary Works & excavation	06-Mar-10	11	13-Apr-11	100%	77%										
1A-24-W1A-100	06-Mar-10	5	13-Mar-10	100%	77%										
1A-24-W1A-110	08-Mar-10	6	15-Apr-11	50%	77%										
RW Finishing Works and Backfilling	02-Apr-10	192	14-Jul-11	77%	77%										
1A-24-W1A-150	02-Apr-10	2	26-May-11	40%	77%										
1A-24-W1A-160	30-May-11	3	01-Jun-11	0%	77%										
1A-24-W1A-170	01-Jun-11	2	03-Jun-11	0%	77%										
1A-24-W1A-180	07-Jun-11	3	10-Jun-11	0%	77%										
1A-24-W1A-190	15-Jun-11	11	30-Jun-11	0%	77%										
1A-24-W1A-200	30-Jun-11	2	04-Jul-11	0%	77%										

Page 3 of 116

Actual Work Remaining Work Critical Remaining Work % Complete

ETN Updated Programme - Progress to 18 Mar 11

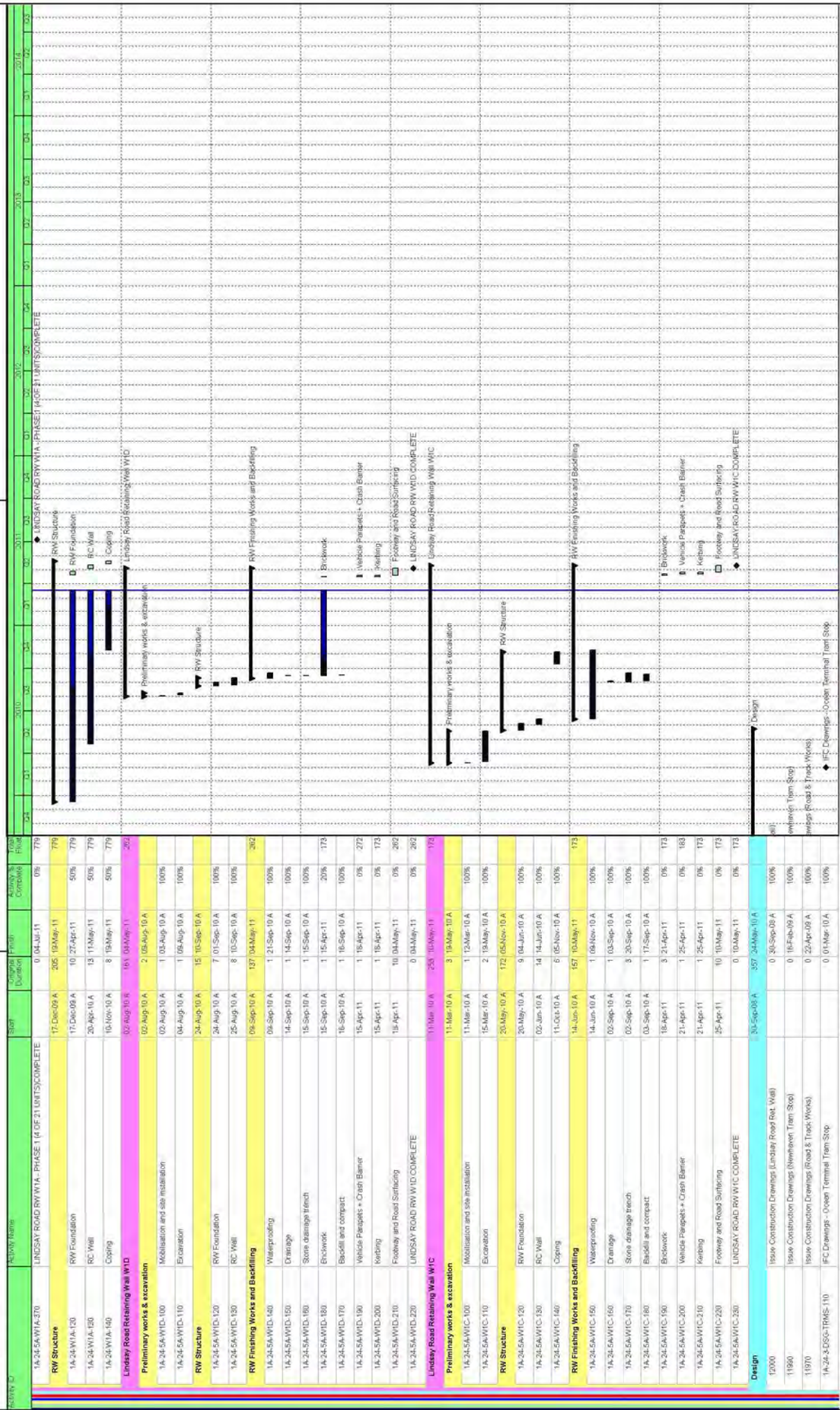
11-Mar-11 JAC Approved

Summary

Update Programme

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

EDINBURGH TRAM NETWORK



Activity ID	Activity Name	Start	Original Duration	Final Duration	Activity % Complete	Year
1A-24-4-DS55-TRMS-102	FC Drawings - Final TS Drawings and stop equipment - Ocean Tram Stop	01-Mar-10	0	0	100%	2010
1A-24-4-DS55-TRMS-110	FC Drawings - Final TS Drawings and stop equipment - Newhaven Tram Stop	01-Mar-10	0	0	100%	2010
1A-24-4-DS55-SUB-100	FC Drawings - Generic Substation Design (Leith Sands Substation)	10-May-10	0	0	100%	2010
1A-24-4-DS55-ROAD-110	Baseline Construction Drawings Roadworks (Newhaven - Ocean Terrace)	24-May-10	0	0	100%	2010
MUDFA & UTILITIES						
1A-24-4-MUDFA-01	MUDFA & Utilities work completion (Ch. 0 - 200) - DC	08-Mar-10	18	18	76%	2010
1A-24-4-MUDFA-02	MUDFA & Utilities work completion (Ch. 400 - 800) - DC	08-Mar-10	0	0	100%	2010
1A-24-4-MUDFA-03	MUDFA & Utilities work completion (Ch. 800 - 1100) - DC	05-Jul-10	0	0	100%	2010
1A-24-4-MUDFA-04	MUDFA & Utilities work completion (Ch. 200 - 400) - DC	05-Jul-10	0	0	100%	2010
1A-24-4-MUDFA-05	MUDFA & Utilities work completion (Ch. 600 - 700) - DC	28-Jul-10	0	0	100%	2010
1A-24-4-MUDFA-06	MUDFA & Utilities work completion (Ch. 700 - 800) - DC	27-Aug-10	0	0	100%	2010
1A-24-4-MUDFA-07	MUDFA & Utilities work completion (Leithway Road) - DC	18-Mar-11	0	0	0%	2011
1A-24-4-MUDFA-08	MUDFA & Utilities work completion (Ch. 800 - 1100) - In letter E661 (05.10.10)	18-Mar-11	0	0	0%	2011
NEWHAVEN TRAM STOP						
1A-24-4-TS-1010	Ducting and Chambers	17-Feb-12	157	20	13%	2012
1A-24-4-TS-1020	Tramstop Platform	17-Feb-12	20	15	75%	2012
1A-24-4-TS-1030	Order REC Supply	18-Mar-12	53	0	0%	2012
1A-24-4-TS-1040	Access for visual inspection for EMAM Tram Stop installation (01A Newhaven Road)	20-Apr-12	0	0	0%	2012
1A-24-4-TS-1050	NEWHAVEN TRAM STOP - CIVIL WORKS COMPLETE	17-May-12	0	0	0%	2012
1A-24-4-TS-1060	Deliver and install Tramstop Shelter (Iba)	05-Jun-12	0	0	0%	2012
1A-24-4-TS-1070	Deliver and install shelter	05-Jun-12	10	10	100%	2012
1A-24-4-TS-1080	Access for EMAM Tram Stop installation (01A Newhaven Road)	18-Jun-12	0	0	0%	2012
1A-24-4-TS-1090	Deliver and install outside	20-Jun-12	10	0	0%	2012
1A-24-4-TS-1100	Install LV Power Supply and LV Power Equipment	08-Jul-12	25	0	0%	2012
1A-24-4-TS-1110	Install Telecom Equipment	20-Aug-12	20	0	0%	2012
1A-24-4-TS-1120	Install Station Control Equipment + AFC Equipment	06-Aug-12	25	13	52%	2012
1A-24-4-TS-1130	Site Acceptance Test Tramstop	13-Sep-12	5	5	100%	2012
TTM PHASE 8 (CH - 0-160)						
1A-24-4-TTM-08-1000	TTM PHASE 8 - Road closure (Ch. 0-160)	17-Feb-12	0	0	0%	2012
1A-24-4-TTM-08-1010	TTM PHASE 8 COMPLETE	17-Feb-12	0	0	0%	2012
TEMPORARY AND PRELIMINARY WORKS						
1A-24-4-8-1000	Establish temporary traffic management	17-Feb-12	1	17	17%	2012
1A-24-4-8-1010	Site clearance	20-Feb-12	2	2	100%	2012
1A-24-4-8-1020	Investigate services / outlet positions / inlet-outlet positions / levels	22-Feb-12	1	2	20%	2012
TRACK IMPROVEMENT						
1A-24-4-8-1030	COMMENCE TRACK WORKS (Ch. 830-1080)	23-Feb-12	64	14	22%	2012
1A-24-4-8-1040	Plane out existing surfacing over Trams Footprint (1st cut)	23-Feb-12	0	0	0%	2012
1A-24-4-8-1050	Carry out inspection and testing of Subgrade	27-Feb-12	1	27	27%	2012
1A-24-4-8-1060	Reveal Cut / Excavate to Formation of Tram Footprint (2nd cut)	28-Feb-12	5	05	10%	2012
1A-24-4-8-1070	Place Sub-base Type 1	28-Feb-12	5	05	10%	2012
1A-24-4-8-1080	Drainage and Outlets	02-Mar-12	5	08	16%	2012
1A-24-4-8-1090	Manholes and Catchpits (2 nos)	02-Mar-12	5	08	16%	2012
1A-24-4-8-1100	Tram Ducts & Chambers	02-Mar-12	8	13	16%	2012
1A-24-4-8-1110	Excavate and Cast OLE Foundations (6 nos)	06-Mar-12	15	28	19%	2012
1A-24-4-8-1120	Prepare and check stability of Formation	06-Mar-12	15	28	19%	2012

Page 5 of 116

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

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

Update Programme

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

EDINBURGH TRAM NETWORK



Activity ID	Activity Name	Start	Complete Duration	Final	Activity % Complete	Yield	Plan
1A-24A-S-1160	Track Improvement Layer	13-Mar-12	21 11-Apr-12	0%	547		
1A-24A-S-1150	Installation of IMU Drains and Cable Ducting	13-Mar-12	15 02-Apr-12	0%	558		
1A-24A-S-1120	Lay SL Duct to OLE	19-Mar-12	6 26-Mar-12	0%	558		
TRACK INSTALLATION							
1A-24A-S-1160	TRACK WORKS COMPLETE (CH 0-180)	08-Apr-12	9 18-Apr-12	0%	571		
REBOUND/OUTBOUND							
1A-24A-S-1170	Access Available for Track Laying	05-Apr-12	9 15-Aug-12	0%	547		
1A-24A-TRC-70-1180	Set Up track (sleeper/raai) - 2 x 160m	19-Jun-12	10 01-Aug-12	0%	547		
1A-24A-S-1190	Welding and grinding	25-Jun-12	10 03-Aug-12	0%	547		
1A-24A-S-1200	Drainage / Rail Connections	25-Jun-12	10 03-Aug-12	0%	547		
1A-24A-S-1210	Final Rail Alignment - Check and Approve	25-Jun-12	10 03-Aug-12	0%	547		
1A-24A-SIG-50-1220	Installation of IMU Boxes and Lcops(8) and boxes(1)	24-Jul-12	3 26-Jul-12	0%	548		
1A-24A-S-1230	185mm Concrete Supporting Layer	25-Jul-12	12 10-Aug-12	0%	547		
1A-24A-SIG-6-70	port machine mechanical set up	02-Aug-12	10 16-Aug-12	0%	572		
TRACKWORK PAVEMENT (BETWEEN AND OUT WITH RAILS)							
1A-24A-S-1240	110mm Roadbase	13-Aug-12	1 13-Aug-12	0%	595		
1A-24A-S-1250	55mm Basecourse	14-Aug-12	1 14-Aug-12	0%	566		
1A-24A-S-1260	35mm Wearing Course	15-Aug-12	1 15-Aug-12	0%	566		
1A-24A-S-1270	175mm	17-Feb-12	6 13-Sep-12	0%	547		
CARRIAGEWAY / FOOTWAY PAVEMENT CONSTRUCTION							
1A-24A-S-1280	COMMENCE ROAD WORKS (CH 0-180)	17-Feb-12	0	0%	595		
1A-24A-S-1280	ROAD WORKS COMPLETE (CH 0-180)	17-Feb-12	0 13-Sep-12	0%	547		
OUTBOUND							
1A-24A-S-1290	Plane Main Carriageway & Footway	17-Feb-12	13 21-Aug-12	0%	566		
1A-24A-S-1300	Plane in concrete to Formation	17-Feb-12	1 17-Feb-12	0%	595		
1A-24A-S-1310	Capring layer (600mm)	20-Feb-12	2 21-Feb-12	0%	595		
1A-24A-S-1320	Drainage and Outlets	21-Feb-12	2 23-Feb-12	0%	595		
1A-24A-S-1330	Ducts and Chambers	22-Feb-12	2 23-Feb-12	0%	597		
1A-24A-S-1340	Keelring	23-Feb-12	2 23-Feb-12	0%	597		
1A-24A-S-1350	Footpath Works	13-Aug-12	4 16-Aug-12	0%	547		
SURFACING							
1A-24A-S-1360	220mm Sub-base	17-Aug-12	4 22-Aug-12	0%	547		
1A-24A-S-1370	255mm Base	17-Aug-12	1 17-Aug-12	0%	547		
1A-24A-S-1380	60mm Binder Course	20-Aug-12	1 20-Aug-12	0%	547		
1A-24A-S-1390	35mm Surface Course - Main Carriageway and Boundary	21-Aug-12	1 21-Aug-12	0%	547		
1A-24A-S-1400	Plane Main Carriageway & Footway	23-Aug-12	13 10-Sep-12	0%	556		
1A-24A-S-1410	Plane in concrete to Formation	23-Aug-12	1 23-Aug-12	0%	547		
1A-24A-S-1420	Keelring	24-Aug-12	1 24-Aug-12	0%	547		
1A-24A-S-1430	Capring layer (600mm)	27-Aug-12	4 30-Aug-12	0%	547		
1A-24A-S-1440	Drainage and Outlets	27-Aug-12	1 27-Aug-12	0%	547		
1A-24A-S-1450	Ducts and Chambers	28-Aug-12	2 28-Aug-12	0%	548		
1A-24A-S-1460	Footpath Works	28-Aug-12	3 29-Aug-12	0%	548		
1A-24A-S-1470	220mm Sub-base	29-Aug-12	9 10-Sep-12	0%	550		
1A-24A-S-1480	255mm Base	31-Aug-12	1 31-Aug-12	0%	547		
1A-24A-S-1490	220mm Sub-base	03-Sep-12	1 03-Sep-12	0%	547		

Page 6 of 116

Actual Work Remaining Work Critical Remaining Work % Complete

ETN Updated Programme - Progress to 18 Mar 11 JAC Approved

11-Mar-11

Activity ID	Activity Name	Start	Complete Duration	Final	Activity % Complete	Yield	Peak
1A-24A-S-1500	60mm Binder Course	04-Sep-12	1 04-Sep-12		0%	547	
1A-24A-S-1500	35mm Surface Course - Main Carrageway and Boundary	05-Sep-12	1 05-Sep-12		0%	547	
ROAD FINISHING							
1A-24A-S-1510	Parapets, Guard rails, Landscaping	27-Aug-12	14 13-Sep-12		0%	547	
1A-24A-S-1520	Traffic lights	27-Aug-12	2 28-Aug-12		0%	558	
1A-24A-S-1530	Grind Rail Joint and Sealing Compound	06-Sep-12	9 10-Sep-12		0%	547	
1A-24A-S-1540	Road Signs and Markings	11-Sep-12	1 11-Sep-12		0%	547	
1A-24A-S-1550	Remove temporary traffic management	12-Sep-12	1 12-Sep-12		0%	547	
1A-24A-S-1560	Commissioning and Testing	13-Sep-12	1 13-Sep-12		0%	547	
COMMISSIONING AND TESTING							
1A-24A-S-TEST-100	Handover / Acceptance of Roadworks and Trackworks	14-Sep-12	5 20-Sep-12		0%	547	
1A-24A-S-TEST-110	Start remaining ESM works along track	21-Sep-12	0		0%	547	
TTM PHASE 6B (LINDSAY ROAD WEST BOUND)							
1A-24-TTM-05B-1000	TTM - PHASE 6B - Lindsay Road EB closed	18-Mar-11	124 14-Sep-11		72%	729	
1A-24-TTM-05B-1010	TTM PHASE 6B COMPLETE	15-Apr-11	0		0%	73	
be Charge Order							
1A-24-TTM-05B-01	Assigned receipt of a Charge Order for BCO to IFC	16-Mar-11	0 18-Mar-11		0%	73	
TEMPORARY AND PRELIMINARY WORKS							
1A-24-SB-1000	Establish temporary traffic management	15-Apr-11	7 20-Apr-11		0%	73	
1A-24-SB-1010	Site clearance	15-Apr-11	1 15-Apr-11		0%	73	
1A-24-SB-1020	Investigate services / outfall positions / inlet/outlet positions / levels	18-Apr-11	5 25-Apr-11		0%	73	
1A-24-SB-1030	Investigate services / outfall positions / inlet/outlet positions / levels	26-Apr-11	1 26-Apr-11		0%	73	
LINDSAY ROAD (WESTBOUND)							
1A-24-SB-1040	COMMENCE ROAD WORKS (LINDSAY ROAD WESTBOUND)	23-Apr-11	32 06-Sep-11		0%	73	
1A-24-SB-1040	ROAD WORKS COMPLETE (LINDSAY ROAD WESTBOUND)	27-Apr-11	0 06-Sep-11		0%	73	
WESTBOUND							
1A-24-SB-1050	Remove existing footway	27-Apr-11	83 31-Aug-11		0%	73	
1A-24-SB-1060	Re-lane Main Carrageway & Footway	27-Apr-11	5 04-May-11		0%	73	
1A-24-SB-1070	Plan/Rebuild/over / excavate to Formulation (Lindsay Road)	05-May-11	5 11-May-11		0%	73	
1A-24-SB-1080	Cappping layer (600mm)	12-May-11	49 30-Jul-11		0%	73	
1A-24-SB-1090	Ducts and Chambers	13-May-11	49 21-Jul-11		0%	76	
1A-24-SB-1100	Kerbing	15-May-11	49 22-Jul-11		0%	73	
1A-24-SB-1110	Footpath Works	20-Jul-11	10 03-Aug-11		0%	76	
1A-24-SB-1120	20mm Sub-base	25-Jul-11	27 31-Aug-11		0%	73	
1A-24-SB-1130	225mm Base	04-Aug-11	1 04-Aug-11		0%	91	
1A-24-SB-1140	60mm Binder Course	05-Aug-11	1 05-Aug-11		0%	91	
1A-24-SB-1150	35mm Surface Course - Main Carrageway and Boundary	06-Aug-11	1 06-Aug-11		0%	91	
ROAD FINISHING							
1A-24-SB-1170	Road Signs and Markings	10-Aug-11	20 06-Sep-11		0%	73	
1A-24-SB-1180	Landscaping	10-Aug-11	1 10-Aug-11		0%	91	
1A-24-SB-1190	Remove temporary traffic management	06-Sep-11	1 06-Sep-11		0%	73	
COMMISSIONING AND TESTING							
1A-24-SB-TEST-100	Handover / Acceptance of Roadworks and Trackworks	07-Sep-11	5 14-Sep-11		0%	73	
1A-24-SB-TEST-110	Start remaining ESM works along track	14-Sep-11	0		0%	729	

Page 7 of 116

Actual Work Remaining Work % Complete

ETN Updated Programme - Progress to 18 Mar 11

11-Mar-11 JAC

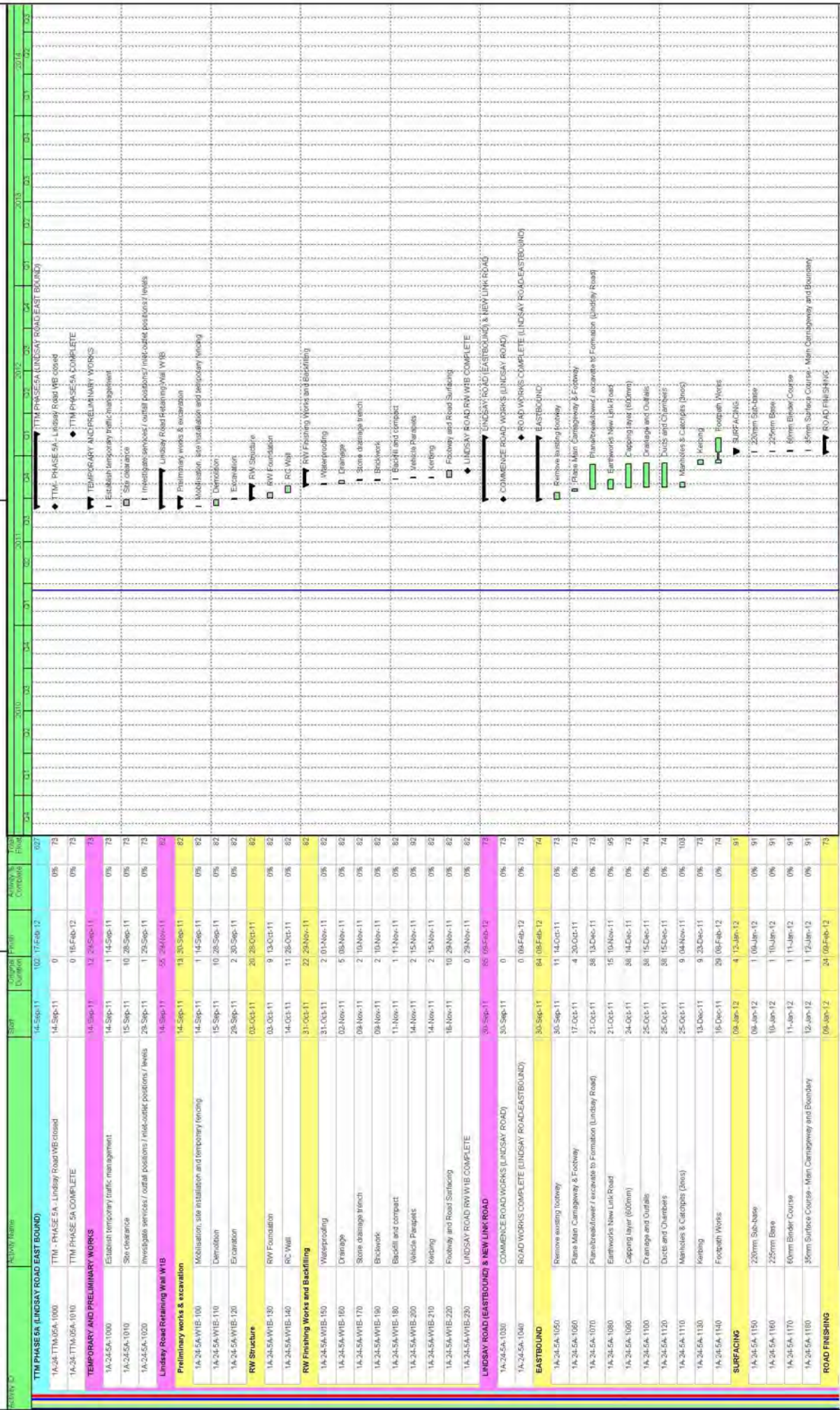
Approved

Checked

Revision

Approved

Summary



Page 8 of 116

Approved

Checked JAC

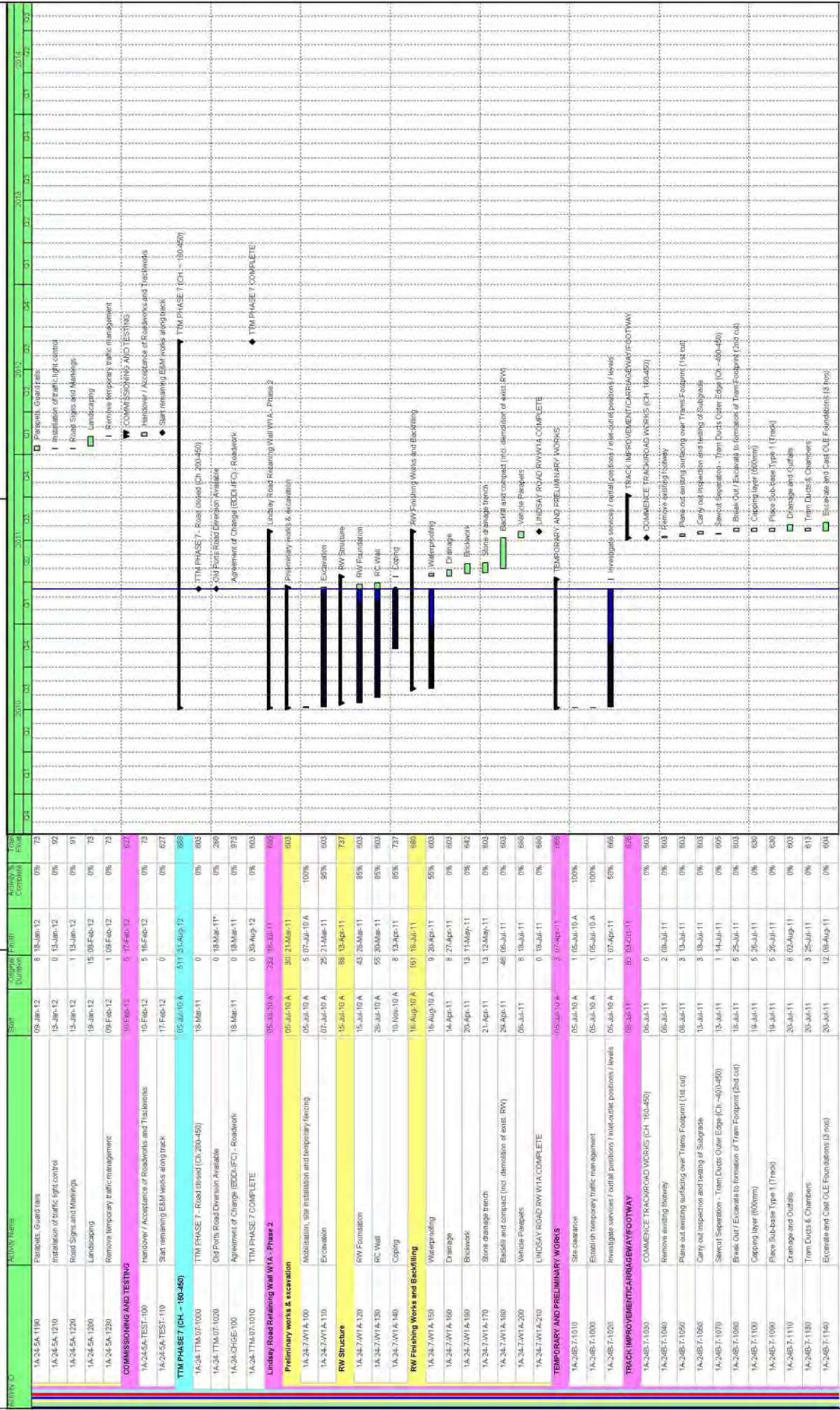
Revision

ETN Updated Programme - Progress to 18 Mar 11

11-Mar-11

Legend:

- Actual Work
- Remaining Work
- Critical Remaining Work
- Milestone
- % Complete
- Summary



Page 9 of 116

Approved

Checked

Revision

11-Mar-11

ETN Updated Programme - Progress to 18 Mar 11

JAC

Actual Work

Remaining Work

Critical Remaining Work

Milestone

% Complete

Summary

Activity ID	Activity Name	Start	Original Duration	Final Duration	Activity % Complete	Year	Plan
1A-245-7-1120	Memoires & Calculs (Proc)	20-Jun-11	11	05-Aug-11	0%	603	
1A-245-7-1180	Prepare and check suitability of Formation	03-Aug-11	5	08-Aug-11	0%	603	
1A-245-7-1150	Lay SL Duct to OLE	03-Aug-11	3	08-Aug-11	0%	603	
1A-245-7-1170	Track Improvement Layer	04-Aug-11	32	18-Sep-11	0%	603	
1A-245-7-1180	Installation of M/J Drains and Cable Ducting	04-Aug-11	5	11-Aug-11	0%	618	
1A-245-7-1190	Relining	18-Sep-11	8	28-Sep-11	0%	618	
1A-245-7-1200	Footpath Works	21-Sep-11	8	03-Oct-11	0%	628	
TRACK INSTALLATION							
3-85	TRACKROAD WORKS COMPLETE CH (160460)	02-Sep-11	341	23-Aug-12	0%	603	
BEFOUNDOUTBOUND							
1A-245-7-1240	Access Available for Track Laying	02-Sep-11	0	03-Aug-12	0%	603	
1A-245-7-1250	Set Up track (steep/slope) - 2 x 250m (incl. crossover Neimhan)	22-Jun-12	30	03-Aug-12	0%	603	
1A-245-7-1260	Welding and grinding	10-Jul-12	17	01-Aug-12	0%	603	
1A-245-7-1270	Drainage / Rail Connections	10-Jul-12	17	01-Aug-12	0%	603	
1A-245-7-1280	Final Rail Alignment - Check and Approve	10-Jul-12	17	01-Aug-12	0%	603	
1A-245-7-1290	Installation of M/J Boxes and Loops	10-Jul-12	3	12-Jul-12	0%	609	
1A-245-7-1300	150mm Concrete Supporting Layer	12-Jul-12	17	03-Aug-12	0%	603	
TRACKWORK PAVEMENT (BETWEEN AND OUTWITH RAILS)							
1A-245-7-1310	110mm Roadbase	07-Aug-12	1	07-Aug-12	0%	603	
1A-245-7-1320	50mm Basecourse	08-Aug-12	1	08-Aug-12	0%	603	
1A-245-7-1330	35mm Wearing Course	08-Aug-12	1	08-Aug-12	0%	603	
SURFACING							
1A-245-7-1340	220mm Sub-base	10-Aug-12	1	10-Aug-12	0%	603	
1A-245-7-1350	225mm Base	13-Aug-12	1	13-Aug-12	0%	603	
1A-245-7-1360	60mm Binder Course	14-Aug-12	1	14-Aug-12	0%	603	
1A-245-7-1370	35mm Surface Course - Main Carnegway and Boundary	15-Aug-12	1	15-Aug-12	0%	603	
ROAD FINISHING							
1A-245-7-1380	Parapets, Guard rails	24-Sep-11	22	23-Aug-12	0%	619	
1A-245-7-1390	Traffic lights	24-Sep-11	0	24-Sep-11	0%	624	
1A-245-7-1400	Grid Rail Joint and Sealing Compound	16-Aug-12	2	17-Aug-12	0%	603	
1A-245-7-1420	Landscaping	20-Aug-12	2	21-Aug-12	0%	603	
1A-245-7-1410	Road Signs and Markings	20-Aug-12	9	22-Aug-12	0%	603	
1A-245-7-1430	Remove temporary traffic management	22-Aug-12	1	22-Aug-12	0%	603	
COMMISSIONING AND TESTING							
1A-245-7-1050	Handover / Acceptance of Roadworks and Trackworks	24-Aug-12	3	31-Aug-12	0%	603	
1A-245-7-1051-110	Start remaining EAM works along track	31-Aug-12	0	08-Sep-11	0%	688	
TTM PHASE 6 (CH - 450-600)							
1A-TTM-06-1000	TTM PHASE 6 (COMPLETE)	18-Mar-11	101	11-Aug-11	75%	753	
1A-TTM-06-1010	TTM PHASE 6 (COMPLETE)	15-Apr-11	0	11-Aug-11	0%	260	
the Charge Order							
1A-24-10631	Assumed receipt of the Charge Order for BCOI to IFC	18-Mar-11	0	18-Aug-11	0%	260	
TEMPORARY AND PRELIMINARY WORKS							
1A-24-C-6-1000	Establish temporary traffic management	15-Apr-11	3	10-Apr-11	26%	260	
1A-24-C-6-1010	Site clearance	15-Apr-11	1	18-Apr-11	0%	260	
1A-24-C-6-1020	Investigate services / utility positions / in-line-outlet positions / levels	18-Apr-11	1	18-Apr-11	0%	260	

Page 10 of 116

Actual Work Remaining Work Critical Remaining Work Milestone % Complete Summary

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

Activity No	Activity Name	Start	Complete	Final	Activity % Complete	Task
TRACK IMPROVEMENT						
1A-24C-6-1030	COMMENCE TRACK WORKS (CH 450.600)	15-Apr-11	0	33	0%	260
1A-24C-6-1040	Remove existing footway	15-Apr-11	1	18-Apr-11	0%	260
1A-24C-6-1050	Place out existing surfacing over Trams Footprint (1st cut)	20-Apr-11	2	21-Apr-11	0%	260
1A-24C-6-1060	Carry out inspection and testing of Subgrade	25-Apr-11	1	25-Apr-11	0%	260
1A-24C-6-1070	Sealot Staircase - Train Ducts Outer Edge	25-Apr-11	2	26-Apr-11	0%	260
1A-24C-6-1080	Break Out / Excavate to formation of Trams Footprint (2nd cut)	26-Apr-11	5	03-May-11	0%	260
1A-24C-6-1090	Place Sub-base Type 1	27-Apr-11	5	04-May-11	0%	260
1A-24C-6-1100	Drainage and Outlets	28-Apr-11	5	05-May-11	0%	260
1A-24C-6-1110	Train Ducts & Chambers	29-Apr-11	6	05-May-11	0%	267
1A-24C-6-1120	Excavate and Cast OLE Foundations (6 nos)	29-Apr-11	13	17-May-11	0%	260
1A-24C-6-1130	Lay S/L Duct to OLE	10-May-11	6	17-May-11	0%	274
1A-24C-6-1140	Prepare and check suitability of Formation	11-May-11	5	17-May-11	0%	260
1A-5-24C-1160	Track Improvement Layer	13-May-11	17	07-Jun-11	0%	260
1A-24C-6-1150	Installation of IMU Drains and Cable Ducting	13-May-11	5	18-May-11	0%	274
TRACK INSTALLATION						
1A-24C-6-1170	TRACK WORKS COMPLETE (CH 450.600)	31-May-11	14	17-Jun-11	0%	293
REBOUND/OUTBOUND						
1A-24C-6-1180	Access Available for Track Laying	31-May-11	0		0%	260
1A-24C-TR06-76-1180	Set Up track (sleepers only) - 2 x 150m	31-May-11	11	15-Jun-11	0%	260
1A-24C-6-1200	Welding and grouting	02-Jun-11	9	15-Jun-11	0%	260
1A-24C-6-1210	Drainage / Rail Connections	02-Jun-11	9	15-Jun-11	0%	260
1A-24C-6-1220	Final Rail Alignment - Check and Approve	02-Jun-11	9	15-Jun-11	0%	260
1A-24C-SIGN-60-1230	Installation of IMU Boxes and Loops	03-Jun-11	9	08-Jun-11	0%	261
1A-24C-6-1240	180mm Concrete Supporting Layer	08-Jun-11	9	17-Jun-11	0%	260
TRACKWORK PAVEMENT (BETWEEN AND OUTWITH RAILS)						
1A-24C-6-1250	110mm Roadbase	29-Jun-11	1	24-Jun-11	0%	260
1A-24C-6-1260	50mm Basecourse	24-Jun-11	1	27-Jun-11	0%	263
1A-24C-6-1270	35mm Wearing Course	27-Jun-11	1	28-Jun-11	0%	263
CENTRAL RESERVE AND BOUNDARY						
1A-24C-6-1280	kerbing to Central Reserve	17-Jun-11	3	22-Jun-11	0%	260
1A-24C-6-1290	Sub-base to Central Reserve	22-Jun-11	1	23-Jun-11	0%	260
1A-24C-6-1300	Central Reserve footpaths	23-Jun-11	6	01-Jul-11	0%	263
CARRIAGEWAY / FOOTWAY PAVEMENT CONSTRUCTION						
1A-24C-6-1310	COMMENCE ROAD WORKS (CH 450.600)	15-Apr-11	78	04-Aug-11	0%	260
1A-24C-6-1320	ROAD WORKS COMPLETE (CH 450.600)	15-Apr-11	0		0%	260
OUTBOUND						
1A-24C-6-1330	Place Main Carriageway & Footway	15-Apr-11	55	05-Jul-11	0%	260
1A-24C-6-1340	Place/Re-lay/cast to Formation	15-Apr-11	1	15-Apr-11	0%	256
1A-24C-6-1350	Capping layer (600mm)	16-Apr-11	3	18-Apr-11	0%	259
1A-24C-6-1360	Drainage and Outlets	16-Apr-11	3	21-Apr-11	0%	256
1A-24C-6-1370	Manholes & Catchpits (6 nos)	20-Apr-11	11	08-May-11	0%	303
1A-24C-6-1380	Ducts and Chambers	20-Apr-11	6	08-May-11	0%	303
1A-24C-6-1390	kerbing	08-Jun-11	6	15-Jun-11	0%	265
1A-24C-6-1400	Footpath Works	10-Jun-11	19	05-Jul-11	0%	260

Page 11 of 116

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

Date: 11-Mar-11
 Revision: EITN Updated Programme - Progress to 18 Mar 11
 Checked: JAC
 Approved:

Activity Name	Activity Start	Activity Finish	Activity % Complete	Year Plan
SURFACING	25-Jun-11	4 25-Jun-11		2011
1A-24C-E-1410	25-Jun-11	1 24-Jun-11	0%	2011
225mm Sub-base				
1A-24C-E-1420	24-Jun-11	1 27-Jun-11	0%	2011
225mm Base				
1A-24C-E-1430	27-Jun-11	1 28-Jun-11	0%	2011
60mm Binder Course				
1A-24C-E-1440	28-Jun-11	1 29-Jun-11	0%	2011
35mm Surface Course - Main Camberway and Boundary				
REBOUND	16 21-Jul-11	207		2011
1A-24C-E-1450	29-Jun-11	2 01-Jul-11	0%	2011
Plane Main Camberway & Footway				
1A-24C-E-1460	01-Jul-11	6 11-Jul-11	0%	2011
Plane/Track/Carriageway to Formation				
1A-24C-E-1470	04-Jul-11	6 12-Jul-11	0%	2011
Capping layer (603mm)				
1A-24C-E-1480	05-Jul-11	6 13-Jul-11	0%	2011
Drainage and Outlets				
1A-24C-E-1490	05-Jul-11	6 13-Jul-11	0%	2011
Ducts and Chambers				
1A-24C-E-1500	11-Jul-11	4 15-Jul-11	0%	2011
Kilting				
1A-24C-E-1510	13-Jul-11	4 15-Jul-11	0%	2011
Roadpath Works				
SURFACING	15-Jun-11	4 21-Jun-11	20%	2011
1A-24C-E-1520	15-Jul-11	1 18-Jul-11	0%	2011
225mm Sub-base				
1A-24C-E-1530	18-Jul-11	1 18-Jul-11	0%	2011
225mm Base				
1A-24C-E-1540	18-Jul-11	1 20-Jul-11	0%	2011
60mm Binder Course				
1A-24C-E-1550	20-Jul-11	1 21-Jul-11	0%	2011
35mm Surface Course - Main Camberway and Boundary				
ROAD FINISHING	11-Jul-11	17 04-Aug-11	20%	2011
1A-24C-E-1560	11-Jul-11	0 11-Jul-11	0%	2011
Parapets, Guard rails				
1A-24C-E-1570	14-Jul-11	4 20-Jul-11	0%	2011
Landscaping				
1A-24C-E-1580	21-Jul-11	8 26-Jul-11	0%	2011
Installation of traffic light control - Junction 08(1)				
1A-24C-E-1590	26-Jul-11	1 03-Aug-11	0%	2011
Grind Rail Joint and Sealing Compound				
1A-24C-E-1600	02-Aug-11	1 03-Aug-11	0%	2011
Road Signs and Markings				
1A-24C-E-1610	03-Aug-11	1 04-Aug-11	0%	2011
Remove temporary traffic management				
COMMISSIONING AND TESTING	04-Aug-11	5 11-Aug-11	25%	2011
1A-24C-E-TEST-100	04-Aug-11	9 11-Aug-11	0%	2011
Handover / Acceptance of Roadworks and Trackworks				
1A-24C-E-TEST-110	11-Aug-11	0	0%	2011
Start remaining ESM works along track				
LEITH SANDS SUB STATION(3)	15-Apr-11	272 22-May-12	50%	2011
1A-SUBS-30	15-Apr-11	65 18-Jul-11	0%	2011
Civil Engineering and Building Works				
1A-SUBS-30	20-Jun-11	0	0%	2011
Access for visual inspection for ESM Substation installation (01A Leith Sands) (tbl)				
1A-SUBS-100	20-Jun-11	5 27-Jun-11	0%	2011
Access duct for Power infeed (to be scheduled)				
1A-SUBS-120	0 18-Jul-11	0	0%	2011
LEITH SANDS SUB STATION - CIVIL WORKS COMPLETE				
1A-SUBS-31	20-Jul-11	0	0%	2011
Access for ESM Substation installation (01A Leith Sands) (tbl)				
1A-SUBS-45	08-Jan-12	20 03-Feb-12	0%	2012
Install HV Power Supply and Equipment (SP) (tbl)				
1A-SUBS-50	07-Feb-12	15 27-Feb-12	0%	2012
Install LV Power Supply and LV Power Equipment (tbl)				
1A-SUBS-55	0 17-Feb-12	0	0%	2012
Engage Scottish Power (tbl)				
1A-SUBS-60	21-Feb-12	0	0%	2012
Power infeed from Public Net available inc HV cable (tbl)				
1A-SUBS-70	26-Feb-12	15 19-Mar-12	0%	2012
Install Telecom and Seads (tbl)				
1A-SUBS-80	26-Mar-12	50 01-May-12	0%	2012
Installation of TPS Equipment (tbl)				
1A-SUBS-80	02-May-12	14 22-May-12	0%	2012
Testing and Commissioning (local) (tbl)				
TTM PHASE 9 (CH - 600-695)	13-Sep-12	65 23-Jun-13	55%	2012
1A-2E-TTM-09-1000	13-Sep-12	0	0%	2012
TTM PHASE 9 - Road closure (CH 600-665)				
1A-2E-TTM-09-1010	0 22-Jun-13	0	0%	2013
TTM PHASE 9 COMPLETE				
TEMPORARY AND PRELIMINARY WORKS	18-Sep-12	7 10-Sep-12	55%	2012

Page 12 of 116

Actual Work Remaining Work % Complete

Approved JAC

ETN Updated Programme - Progress to 18 Mar 11

11-Mar-11

Revision

Summary

Activity ID	Activity Name	Start	Complete Duration	Final	Activity % Complete	Ytd Risk
1A-24E-9-1000	Establish temporary traffic management	12-Sep-12	1	14-Sep-12	0%	554
1A-24E-9-1010	Site clearance	14-Sep-12	1	14-Sep-12	0%	554
1A-24E-9-1020	Investigate services / outfall positions / inter-ocular positions / levels	17-Sep-12	1	17-Sep-12	0%	555
TRACK IMPROVEMENT						
1A-24E-9-1030	COMMENCE TRACK WORKS (CH 600-685)	17-Sep-12	3	18-Oct-12	55%	556
1A-24E-9-1040	Remove existing footway	17-Sep-12	2	18-Sep-12	0%	554
1A-24E-9-1050	Plans out existing subgrade over Trains Footprint (1st cut)	18-Sep-12	1	18-Sep-12	0%	554
1A-24E-9-1060	Carry out inspection and testing of Subgrade	20-Sep-12	1	20-Sep-12	0%	554
1A-24E-9-1070	Sawcut Separation - Train Ducts Outer Edge	20-Sep-12	1	20-Sep-12	0%	554
1A-24E-9-1080	Break Out / Excavate to formation of Train Footprint (2nd cut)	21-Sep-12	3	25-Sep-12	0%	554
1A-24E-9-1090	Place Sub-base Type 1	21-Sep-12	3	25-Sep-12	0%	554
1A-24E-9-1100	Drainage and Outfalls	26-Sep-12	3	28-Sep-12	0%	555
1A-24E-9-1120	Excavate and Cast OLE Foundations (5 nos)	26-Sep-12	3	08-Oct-12	0%	554
1A-24E-9-1110	Train Ducts & Chambers	26-Sep-12	3	02-Oct-12	0%	556
1A-24E-9-1140	Prepare and check suitability of Formation	02-Oct-12	5	08-Oct-12	0%	554
1A-24E-9-1130	Lay SL Duct to OLE	04-Oct-12	3	08-Oct-12	0%	563
1A-24E-9-1150	Track Improvement Layer	04-Oct-12	12	18-Oct-12	0%	554
1A-24E-9-1150	Installation of IMU Drains and Cable Ducting	04-Oct-12	5	10-Oct-12	0%	569
TRACK INSTALLATION						
1A-24E-9-1170	TRACK WORKS COMPLETE (CH 600-685)	22-Oct-12	14	08-Nov-12	0%	563
INBOUND/OUTBOUND						
1A-24E-9-1180	Access Available for Track Laying	22-Oct-12	0		0%	554
1A-24E-9-1190	Set Up track (sleepers) - 2 x 85m	22-Oct-12	7	30-Oct-12	0%	554
1A-24E-9-1200	Welding and grouting	24-Oct-12	5	30-Oct-12	0%	554
1A-24E-9-1210	Drainage / Rail Connections	24-Oct-12	5	30-Oct-12	0%	554
1A-24E-9-1220	Faul Rail Alignment - Check and Approve	24-Oct-12	5	30-Oct-12	0%	554
1A-24E-9-1230	Installation of IMU Boxes and Loops	25-Oct-12	2	26-Oct-12	0%	555
1A-24E-9-1240	150mm Concrete Supporting Layer	26-Oct-12	10	08-Nov-12	0%	554
TRACKWORK PAVEMENT (BETWEEN AND OUTWITH RAILS)						
1A-24E-9-1250	110mm Roadbase	14-Nov-12	1	14-Nov-12	0%	554
1A-24E-9-1260	55mm Basecourse	15-Nov-12	1	15-Nov-12	0%	554
1A-24E-9-1270	35mm Wearing Course	15-Nov-12	1	15-Nov-12	0%	554
CENTRAL RESERVE AND BOUNDARY						
1A-24E-9-1280	Kerbing to Central Reserve	08-Nov-12	2	13-Nov-12	0%	554
1A-24E-9-1290	Sub-base to Central Reserve	13-Nov-12	1	13-Nov-12	0%	554
1A-24E-9-1300	Central Reserve finishes	14-Nov-12	4	19-Nov-12	0%	568
CARRIAGEWAY / FOOTWAY PAVEMENT CONSTRUCTION						
1A-24E-9-1310	COMMENCE ROAD WORKS (CH 600-685)	16-Nov-12	33	15-Jan-13	55%	554
1A-24E-9-1320	ROAD WORKS COMPLETE (CH 600-685)	18-Nov-12	0		0%	554
OUTBOUND						
1A-24E-9-1330	Place Main Carriageway & Footway	15-Nov-12	12	04-Dec-12	57%	575
1A-24E-9-1340	Place/Re-lay concrete to Formation	18-Nov-12	1	19-Nov-12	0%	554
1A-24E-9-1350	Capping layer (600mm)	20-Nov-12	3	22-Nov-12	0%	554
1A-24E-9-1360	Drainage and Outfalls	21-Nov-12	3	23-Nov-12	0%	554
1A-24E-9-1370	Ducts and Chambers	22-Nov-12	3	28-Nov-12	0%	575
1A-24E-9-1370	Ducts and Chambers	22-Nov-12	3	28-Nov-12	0%	575

Page 13 of 116

11-Mar-11

ETN Updated Programme - Progress to 18 Mar 11

JAC

Approved

Actual Work Remaining Work

Critical Remaining Work

Milestone

% Complete

Summary

Update Programme

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

EDINBURGH TRAM NETWORK



Activity ID	Activity Name	Start	Complete Duration	Final	Activity % Complete	Task Plan
1A-24E-S-1380	Roading	25-Nov-12	3	27-Nov-12	0%	554
1A-24E-S-1390	Footpath Works	27-Nov-12	6	04-Dec-12	0%	575
SURFACING						
1A-24E-S-1400	20mm Sub-base	25-Nov-12	4	03-Dec-12	0%	554
1A-24E-S-1410	225mm Base	28-Nov-12	1	28-Nov-12	0%	554
1A-24E-S-1420	60mm Binder Course	30-Nov-12	1	30-Nov-12	0%	554
1A-24E-S-1430	35mm Surface Course - Main Carriageway and Boundary	03-Dec-12	1	03-Dec-12	0%	554
REBOUND						
1A-24E-S-1440	Plane Main Carriageway & Footway	04-Dec-12	13	20-Dec-12	0%	561
1A-24E-S-1450	Plane/Gravel/Carriageway to Formation (incl. access road)	04-Dec-12	1	04-Dec-12	0%	554
1A-24E-S-1460	Capping layer (60mm)	05-Dec-12	4	10-Dec-12	0%	554
1A-24E-S-1470	Drainage and Gullies	07-Dec-12	4	13-Dec-12	0%	563
1A-24E-S-1480	Ducts and Chambers	07-Dec-12	4	13-Dec-12	0%	563
1A-24E-S-1490	Roading	11-Dec-12	4	14-Dec-12	0%	554
1A-24E-S-1500	Footpath Works	13-Dec-12	4	18-Dec-12	0%	563
SURFACING						
1A-24E-S-1510	20mm Sub-base	17-Dec-12	4	20-Dec-12	0%	554
1A-24E-S-1520	225mm Base	17-Dec-12	1	17-Dec-12	0%	554
1A-24E-S-1530	60mm Binder Course	18-Dec-12	1	18-Dec-12	0%	554
1A-24E-S-1540	35mm Surface Course - Main Carriageway and Boundary	20-Dec-12	1	20-Dec-12	0%	554
ROAD FINISHING						
1A-24E-S-1550	Parade, Guard rails	11-Dec-12	17	15-Jan-13	554	554
1A-24E-S-1560	Landscaping	11-Dec-12	0	11-Dec-12	0%	560
1A-24E-S-1570	Installation of traffic light control - Junction 6B (2)	18-Dec-12	1	18-Dec-12	0%	563
1A-24E-S-1580	Installation of traffic light control - Junction 6C (2)	21-Dec-12	6	18-Jan-13	0%	554
1A-24E-S-1590	Grind Road Joint and Sealing Compound	31-Dec-12	5	10-Jan-13	0%	554
1A-24E-S-1600	Road Signs and Markings	11-Jan-13	1	11-Jan-13	0%	554
1A-24E-S-1610	Road Signs and Markings	14-Jan-13	1	14-Jan-13	0%	554
1A-24E-S-1610	Remove temporary traffic management	15-Jan-13	1	15-Jan-13	0%	554
COMMISSIONING AND TESTING						
1A-24E-S-TEST-107	Handover / Acceptance of Roadworks and Trackworks	16-Jan-13	5	23-Jan-13	0%	554
1A-24E-S-TEST-110	Start remaining EAM works along track	23-Jan-13	0		0%	554
TIM PHASE 4A (CH - 694-830)						
1A-24E-TTIA04A-1000	TIM PHASE 4A - Road closed (Ch. 695-830)	11-Aug-11	271	13-Sep-12	100%	639
1A-24E-TTIA04A-1010	TIM PHASE 4A COMPLETE	11-Aug-11	0		0%	260
TEMPORARY AND PRELIMINARY WORKS						
1A-24E-4A-1000	Establish temporary traffic management	11-Aug-11	4	17-Aug-11	0%	260
1A-24E-4A-1010	Site clearance	12-Aug-11	2	15-Aug-11	0%	260
1A-24E-4A-1020	Investigate services / utility positions / in-vehicle positions / levels	15-Aug-11	1	17-Aug-11	0%	261
TRACK IMPROVEMENT						
1A-24E-4A-1030	COMMENCE TRACK WORKS (Ch. 695-830)	16-Aug-11	0		0%	260
1A-24E-4A-1040	Remove existing central reserve & lighting columns	16-Aug-11	3	18-Aug-11	0%	260
1A-24E-4A-1050	Remove existing footway - Outbound	16-Aug-11	1	17-Aug-11	0%	260
1A-24E-4A-1060	Remove existing footway - Inbound	16-Aug-11	2	18-Aug-11	0%	260
1A-24E-4A-1070	Plane out existing surfacing over Trams Footprint (114 cut)	18-Aug-11	3	23-Aug-11	0%	260
1A-24E-4A-1080	Carry out inspection and testing of Subgrade	22-Aug-11	1	23-Aug-11	0%	260

Page 14 of 116

Actual Work Remaining Work % Complete

ETN Updated Programme - Progress to 18 Mar 11

11-Mar-11

Revision

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Approved

JAC

Summary

Activity ID	Activity Name	Start	Complete Duration	Final	Activity % Complete	Year
1A-24F-AA-1050	Sawcut Separation - Tram Ducts Outer Edge	23-Aug-11	2	24-Aug-11	0%	2011
1A-24F-AA-1100	Break Out / Excavate to formation of Tram Footprint (2nd cut)	23-Aug-11	5	30-Aug-11	0%	2011
1A-24F-AA-1110	Place Sub-base Type 1	23-Aug-11	5	30-Aug-11	0%	2011
1A-24F-AA-1120	Drainage and Outlets	25-Aug-11	7	08-Sep-11	0%	2011
1A-24F-AA-1130	Tram Ducts & Chambers	30-Aug-11	6	07-Sep-11	0%	2011
1A-24F-AA-1140	Excavate and Cast OLE Foundations (12 nos)	30-Aug-11	15	20-Sep-11	0%	2011
1A-24F-AA-1150	Prepare and check suitability of Formation	06-Sep-11	15	21-Sep-11	0%	2011
1A-24F-AA-1160	Track Improvement Layer	06-Sep-11	21	11-Oct-11	0%	2011
1A-24F-AA-1170	Installation of IMU Drains and Cable Ducting	06-Sep-11	15	25-Sep-11	0%	2011
1A-24F-AA-1180	Lay SL Duct to OLE	13-Sep-11	5	30-Sep-11	0%	2011
1A-24F-AA-1190	TRACK INSTALLATION	30-Sep-11	179	25-Jun-12	31%	2011-2012
1A-24F-AA-10000	TRACK WORKS COMPLETE (CH 685-830)	0	25-Jun-12	0%	31%	2012
1A-24F-AA-11800	INBOUND/OUTBOUND	30-Sep-11	179	25-Jun-12	30%	2011-2012
1A-24F-AA-11801	Access Available for Track Laying	30-Sep-11	0	0	0%	206
1A-24F-TFC6-70-1200	Set Up track (steepside) - 2 x 145m	24-May-12	11	08-Jun-12	0%	206
1A-24F-AA-1210	Welding and grouting	26-May-12	9	08-Jun-12	0%	206
1A-24F-AA-1220	Damage/ Rail Connections	26-May-12	9	08-Jun-12	0%	206
1A-24F-AA-1230	Final Rail Alignment - Check and Approve	26-May-12	9	08-Jun-12	0%	206
1A-24F-SIGN-90-1240	Installation of IMU Boxes and Loops	30-May-12	5	05-Jun-12	0%	261
1A-24F-AA-1250	150mm Concrete Supporting Layer	31-May-12	18	25-Jun-12	0%	266
1A-24F-AA-1260	TRACKWORK PAVEMENT (BETWEEN AND OUTWITH RAILS)	03-Jun-12	2	19-Jul-12	38%	2012
1A-24F-AA-12601	110mm Roadbase	02-Jun-12	1	02-Jul-12	0%	266
1A-24F-AA-1270	55mm Basecourse	03-Jun-12	1	03-Jul-12	0%	266
1A-24F-AA-1280	35mm Wearing Course	04-Jun-12	1	04-Jul-12	0%	266
1A-24F-AA-1290	CENTRAL RESERVE AND BOUNDARY	26-Jun-12	10	09-Jul-12	30%	2012
1A-24F-AA-12901	Working to Central Reserve	26-Jun-12	3	28-Jun-12	0%	266
1A-24F-AA-1300	Sub-base to Central Reserve	26-Jun-12	1	29-Jun-12	0%	266
1A-24F-AA-1310	Central Reserve Topsoil	03-Jul-12	6	09-Jul-12	0%	301
1A-24F-AA-1320	CARRIAGEWAY / FOOTWAY PAVEMENT CONSTRUCTION	05-Jul-12	44	05-Sep-12	20%	2012
1A-24F-AA-13201	COMMENCE ROAD WORKS (CH 685-830)	05-Jul-12	0	0	0%	266
1A-24F-AA-1330	ROAD WORKS COMPLETE (CH 685-830)	05-Jul-12	0	05-Sep-12	0%	266
1A-24F-AA-1340	OUTBOUND	05-Jul-12	18	30-Jul-12	38%	2012
1A-24F-AA-1350	Place Main Carrieway & Footway	05-Jul-12	1	05-Jul-12	0%	266
1A-24F-AA-1360	Place basecourse to formation	06-Jul-12	6	13-Jul-12	0%	266
1A-24F-AA-1370	Capping layer (60mm)	08-Jul-12	6	15-Jul-12	0%	266
1A-24F-AA-1380	Drainage and Outlets	10-Jul-12	6	17-Jul-12	0%	266
1A-24F-AA-1390	Ducts and Chambers	10-Jul-12	6	17-Jul-12	0%	266
1A-24F-AA-1400	Keelings	15-Jul-12	3	18-Jul-12	0%	266
1A-24F-AA-1410	Footpath Works & Islands	18-Jul-12	9	30-Jul-12	0%	296
1A-24F-AA-14101	200mm Sub-base	18-Jul-12	4	24-Jul-12	26%	266
1A-24F-AA-1420	225mm Base	19-Jul-12	1	19-Jul-12	0%	266
1A-24F-AA-1430	60mm Binder Course	20-Jul-12	1	20-Jul-12	0%	266
1A-24F-AA-1440	35mm Surface Course - Main Carrieway and Boundary	24-Jul-12	1	24-Jul-12	0%	266
1A-24F-AA-14401	INBOUND	05-Jul-12	29	03-Sep-12	20%	2012

Page 15 of 116

Actual Work Remaining Work % Complete

Critical Remaining Work Milestone

Approved

Checked

Revision

11-Mar-11

ETN Updated Programme - Progress to 18 Mar 11

JAC

Activity ID	Activity Name	Start	Complete Duration	Final	Activity % Complete	Year
1A-24E-AA-1450	Plane Main Camerway & Footway	25-Jul-12	2	25-Jul-12	0%	2011
1A-24E-AA-1460	Planform/locate to Formation (incl. access road)	27-Jul-12	10	10-Aug-12	0%	2011
1A-24E-AA-1470	Capping layer (60mm)	30-Jul-12	10	13-Aug-12	0%	2011
1A-24E-AA-1480	Drainage and Curbs	31-Jul-12	10	14-Aug-12	0%	2011
1A-24E-AA-1490	Ducts and Chambers	31-Jul-12	10	14-Aug-12	0%	2011
1A-24E-AA-1500	Reliefing	12-Aug-12	5	17-Aug-12	0%	2011
1A-24E-AA-1510	Footpath Works & Islands	15-Aug-12	14	03-Sep-12	0%	2011
SURFACING						
1A-24E-AA-1520	225mm Sub-base	20-Aug-12	4	23-Aug-12	20%	2011
1A-24E-AA-1530	225mm Base	20-Aug-12	1	23-Aug-12	0%	2011
1A-24E-AA-1540	50mm Binder Course	21-Aug-12	1	21-Aug-12	0%	2011
1A-24E-AA-1550	35mm Surface Course - Main Camerway and Eboundary	22-Aug-12	1	22-Aug-12	0%	2011
1A-24E-AA-1560	Paradeis, Guard rails	12-Aug-12	19	05-Sep-12	20%	2011
1A-24E-AA-1570	Landscapeing	15-Aug-12	3	15-Aug-12	0%	2011
1A-24E-AA-1580	Installation of traffic light control - Junction BC(1)	21-Aug-12	11	04-Sep-12	0%	2011
1A-24E-AA-1590	Grid Rail Joint and Sealing Compound	24-Aug-12	5	30-Aug-12	0%	2011
1A-24E-AA-1600	Road Signs and Markings	31-Aug-12	1	31-Aug-12	0%	2011
1A-24E-AA-1610	Remove temporary traffic management	03-Sep-12	1	03-Sep-12	0%	2011
1A-24E-AA-1620	Remove temporary traffic management	05-Sep-12	1	05-Sep-12	0%	2011
COMMISSIONING AND TESTING						
1A-24E-AA-TEST-100	Handover / Acceptance of Roadworks and Trackworks	06-Sep-12	5	12-Sep-12	0%	2011
1A-24E-AA-TEST-110	Start remaining EMV works along track	13-Sep-12	0		0%	2011
TTM PHASE AB (CH - 830-1080)						
1A-24D-TTM-AB-1000	TTM PHASE AB - Road closed (CH 830-1080)	13-Sep-12	13	01-Oct-12	50%	2011
1A-24D-TTM-AB-1010	TTM PHASE AB COMPLETE	13-Sep-12	0		0%	2011
TEMPORARY AND PRELIMINARY WORKS						
1A-24C-AB-1000	Establish temporary traffic management	13-Sep-12	1	13-Sep-12	0%	2011
1A-24C-AB-1010	Site clearance	14-Sep-12	2	17-Sep-12	0%	2011
1A-24C-AB-1020	Investigate services / outfall positions / inlet/outlet positions / levels	16-Sep-12	1	18-Sep-12	0%	2011
TRACK IMPROVEMENT						
1A-24C-AB-1030	COMMENCE TRACK WORKS (CH 830-1080)	16-Sep-12	0		0%	2011
1A-24C-AB-1040	Remove existing central reserve & lighting columns	16-Sep-12	8	27-Sep-12	0%	2011
1A-24C-AB-1050	Remove existing footway - Outbound	16-Sep-12	6	26-Sep-12	0%	2011
1A-24C-AB-1060	Remove existing footway - Inbound	16-Sep-12	2	19-Sep-12	0%	2011
1A-24C-AB-1070	Plane exit existing surfacing over Trams Footprint (1st cut)	26-Sep-12	4	03-Oct-12	0%	2011
1A-24C-AB-1080	Carry out inspection and sealing of Subgrade	04-Oct-12	1	04-Oct-12	0%	2011
1A-24C-AB-1090	Sawcut Separation - Trams Ducts Outer Edge	04-Oct-12	3	08-Oct-12	0%	2011
1A-24C-AB-1100	Break out / Excavate to formation of Trams Footprint (2nd cut)	05-Oct-12	10	18-Oct-12	0%	2011
1A-24C-AB-1110	Place sub-base Type 1	05-Oct-12	10	18-Oct-12	0%	2011
1A-24C-AB-1120	Drainage and Curbs	16-Oct-12	9	23-Oct-12	0%	2011
1A-24C-AB-1130	Manholes and Catchpits (3 nos)	16-Oct-12	9	23-Oct-12	0%	2011
1A-24C-AB-1140	Tram Ducts & Chambers	16-Oct-12	10	25-Oct-12	0%	2011
1A-24C-AB-1150	Excavate and Cast OLE Foundations (20 nos)	16-Oct-12	30	23-Nov-12	0%	2011
1A-24C-AB-1170	Prepare and check suitability of Formation	24-Oct-12	15	13-Nov-12	0%	2011
1A-24C-AB-1180	Track Improvement Layer	26-Oct-12	43	07-Jan-13	0%	2011

Page 16 of 116

11-Mar-11

ETN Updated Programme - Progress to 18 Mar 11

JAC

Checked

Approved

Actual Work

Remaining Work

Critical Remaining Work

Milestone

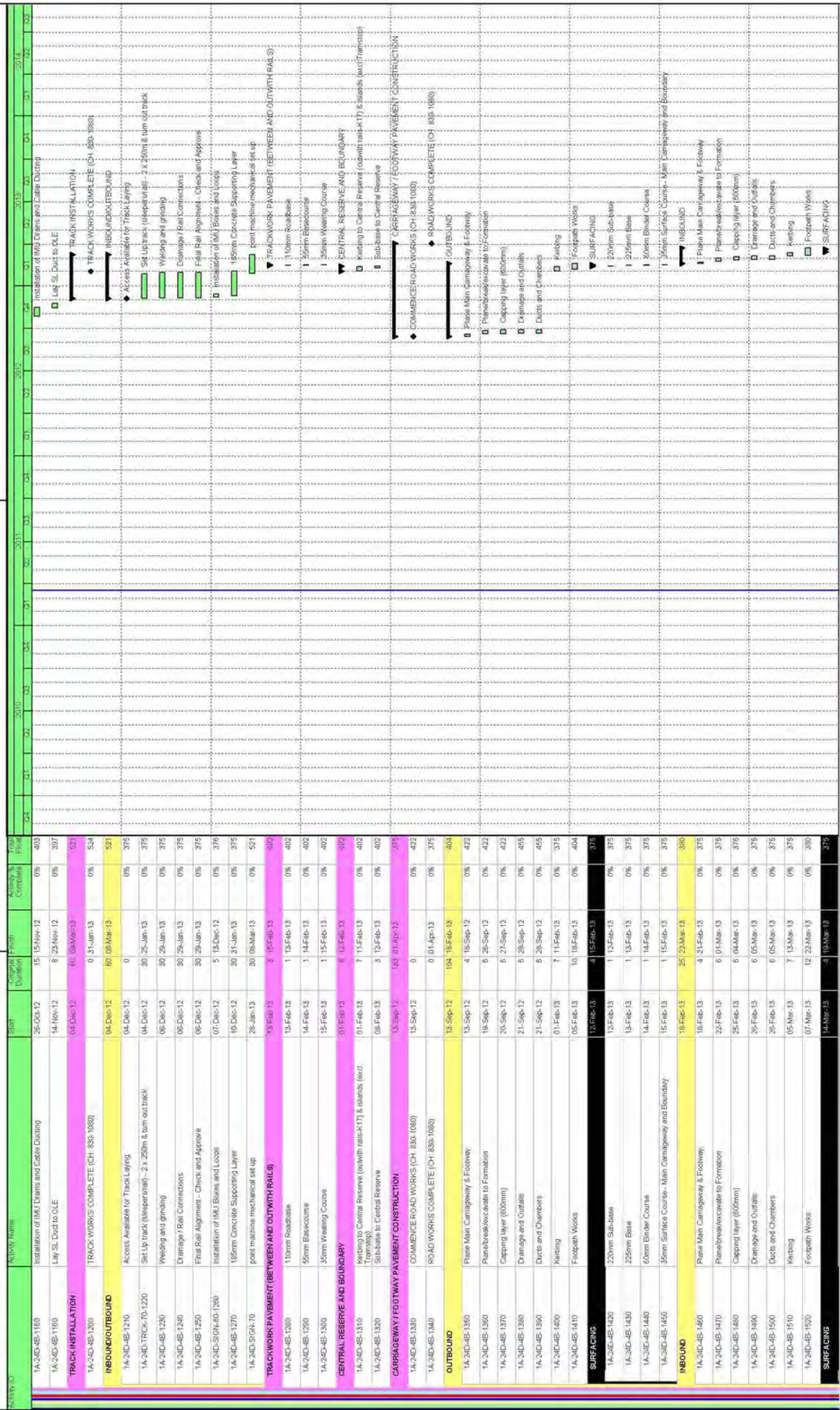
% Complete

Summary

Update Programme

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

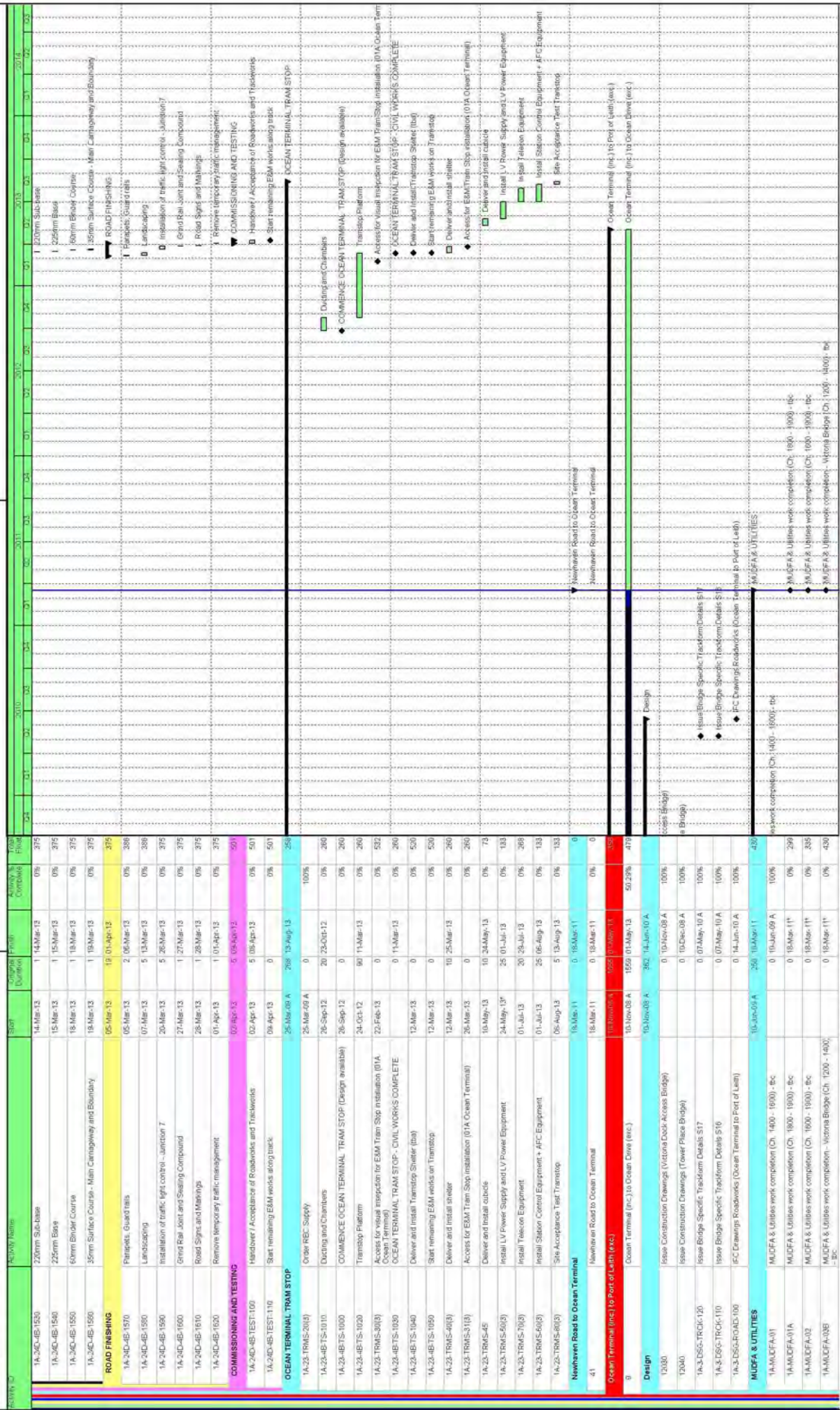
EDINBURGH TRAM NETWORK



Page 17 of 116

Legend:
 - Actual Work (Blue bar)
 - Remaining Work (Red bar)
 - Critical Remaining Work (Red bar with black outline)
 - Milestone (Black diamond)
 - % Complete (Green bar)
 - Summary (Black arrow)

Date: 11-Mar-11
 Revision: EITN Updated Programme - Progress to 18 Mar 11
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 Approved:





Activity No	Activity Name	Start	Complete Duration	Final	Activity % Complete	Total Risk
1A-3A-1270	35mm Wearing Course	25-Aug-11	1 25-Aug-11	0	0%	352
CENTRAL RESERVE AND BOUNDARY						
1A-3A-1280	Kerbing to Central Reserve	22-Aug-11	3 24-Aug-11	0	0%	355
1A-3A-1290	Sub-base to Central Reserve	25-Aug-11	1 25-Aug-11	0	0%	358
1A-3A-1300	Central Reserve Finishes	25-Aug-11	2 25-Aug-11	0	0%	359
CARRIAGEWAY / FOOTWAY PAVEMENT CONSTRUCTION						
1A-3A-1310	COMMENCE ROAD WORKS (CH 1650-1880)	30-May-11	76 06-Sep-11	0	0%	352
1A-3A-1320	ROAD WORKS COMPLETE (CH 1650-1880)	20-May-11	0 06-Sep-11	0	0%	359
INBOUND						
1A-3A-1330	Plane Main Carriageway & Footway	25-May-11	68 25-May-11	0	0%	366
1A-3A-1340	Plane/kerbs/corner to Formation	25-May-11	6 31-May-11	0	0%	368
1A-3A-1350	Capping layer (600mm)	24-May-11	6 01-Jun-11	0	0%	368
1A-3A-1360	Drainage and Gullies	25-May-11	6 02-Jun-11	0	0%	378
1A-3A-1370	Mentoles and Catchpits (2 nos)	25-May-11	6 02-Jun-11	0	0%	378
1A-3A-1380	Ducts and Chambers	27-May-11	4 02-Jun-11	0	0%	378
1A-3A-1390	Kerbing	30-Jun-11	3 04-Jul-11	0	0%	359
1A-3A-1400	Footpath Works	05-Jul-11	2 06-Jul-11	0	0%	368
SURFACING						
1A-3A-1410	220mm Sub-base	22-Aug-11	4 22-Aug-11	0	0%	352
1A-3A-1420	225mm Base	22-Aug-11	1 22-Aug-11	0	0%	352
1A-3A-1430	60mm Binder Course	24-Aug-11	1 24-Aug-11	0	0%	352
1A-3A-1440	35mm Surface Course - Main Carriageway and Boundary	25-Aug-11	1 25-Aug-11	0	0%	352
ROAD FINISHING						
1A-3A-1450	Parapets, Guard rails	30-Jun-11	2 01-Jul-11	0	0%	369
1A-3A-1460	Landscape	04-Jul-11	2 05-Jul-11	0	0%	369
1A-3A-1450	Traffic Signals / Pedestrian Crossings	26-Aug-11	5 01-Sep-11	0	0%	352
1A-3A-1460	Grind Rail Joint and Sealing Compound	02-Sep-11	1 02-Sep-11	0	0%	352
1A-3A-1470	Road Signs and Markings	05-Sep-11	1 05-Sep-11	0	0%	352
1A-3A-1500	Remove temporary traffic management	06-Sep-11	1 06-Sep-11	0	0%	352
COMMISSIONING AND TESTING						
1A-3A-TEST-100	Handover / Acceptance of Roadworks and Trackworks	07-Sep-11	5 03-Sep-11	0	0%	352
1A-3A-TEST-110	Start removing EDM works along track	14-Sep-11	0 0	0	0%	755
TTM PHASE 3B (CH - 1200-1400)						
1A-TTM-03B-1000	TTM PHASE 3B - Road closed (Ch:1200-1400)	28-Oct-12	0 28-Oct-12	0	0%	203
1A-TTM-03B-1010	TTM PHASE 3B COMPLETE	29-Oct-12	0 30-Apr-13	0	0%	203
VICTORIA DOCK ENTRANCE BRIDGE (S16)						
1A-3B-S16-1000	VICTORIA DOCK ENTRANCE BRIDGE COMPLETE	24-Oct-12	0 05-Apr-13	0	0%	216
TEMPORARY AND PRELIMINARY WORKS						
1A-3B-S16-1010	Mobilisation, site installation and temporary fencing	28-Oct-12	1 29-Oct-12	0	0%	203
OUTBOUND						
1A-3B-S16-1020	Remove existing Parapet/Banner	28-Oct-12	55 25-Jan-13	0	0%	364
1A-3B-S16-1030	Remove existing Surfacing/Verge (Verge)	31-Oct-12	1 31-Oct-12	0	0%	203
1A-3B-S16-1040	Remove existing Deck/Surfacing (Road)	01-Nov-12	3 05-Nov-12	0	0%	203
1A-3B-S16-1050	Remove existing Verge and Copes (hydroblowdown)	06-Nov-12	10 19-Nov-12	0	0%	203

Page 20 of 116

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

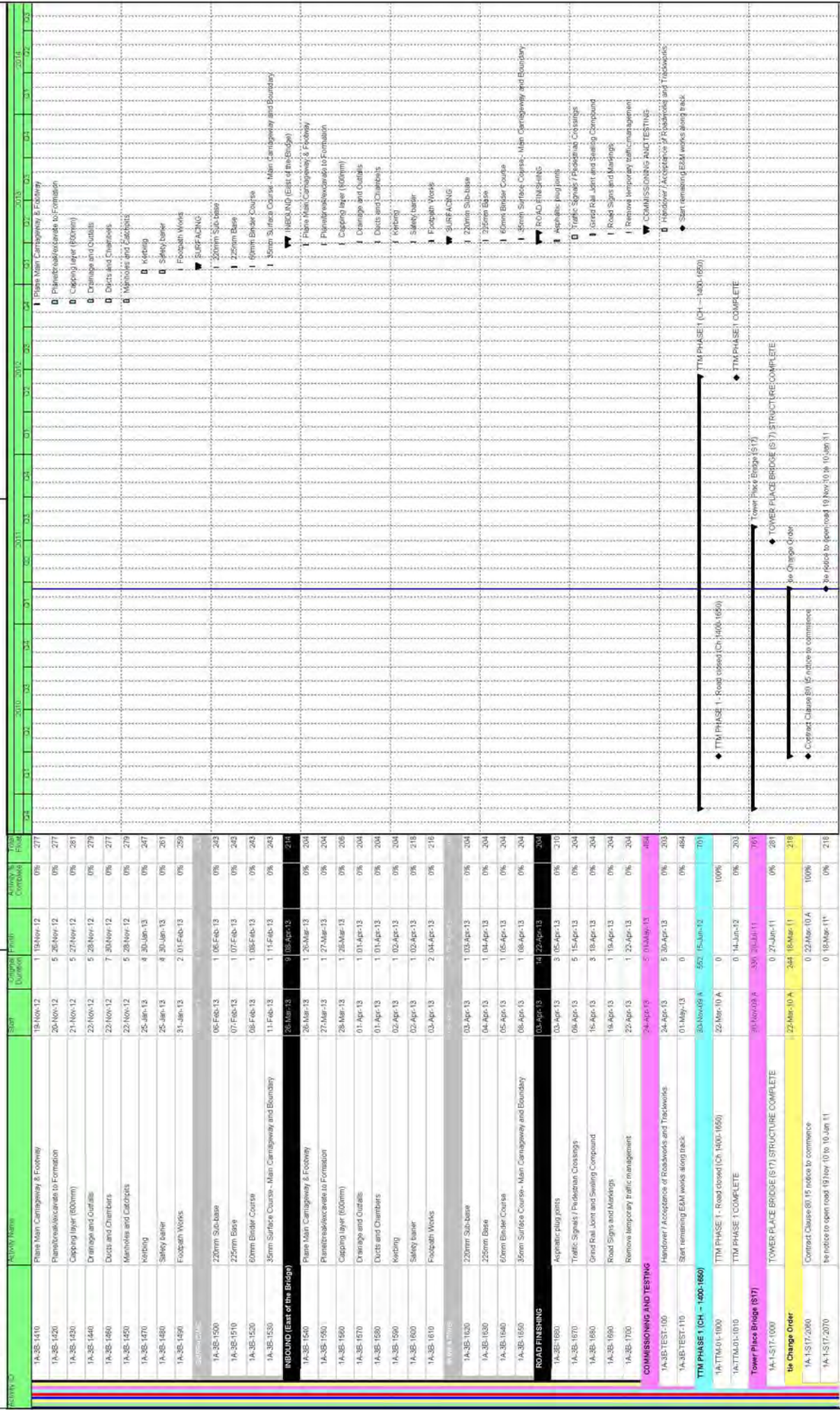
Date: 11-Mar-11
 Revision: ETN Updated Programme - Progress to 18 Mar 11
 Checked: JAC
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Activity	Activity Name	Start	Original Duration	Final Duration	Activity % Complete	Year
1A-3B-S16-1000	Hydrodemolition of Service Voids in East/West Accessways	26-Nov-12	10	04-Dec-12	0%	2013
Construction						
1A-3B-S16-1070	RC Bridge deck	04-Dec-12	10	13-Dec-12	0%	2013
1A-3B-S16-1080	New RC parapet	18-Dec-12	7	08-Jan-13	0%	2013
1A-3B-S16-1090	Install Steel Hangers for Tram Ducts	09-Jan-13	9	17-Jan-13	0%	2013
1A-3B-S16-1100	Install Parapet barriers	09-Jan-13	3	11-Jan-13	0%	2013
1A-3B-S16-1140	Lay Tram Ducts	14-Jan-13	3	15-Jan-13	0%	2013
1A-3B-S16-1150	Paint Parapet barriers???	14-Jan-13	5	18-Jan-13	0%	2013
1A-3B-S16-1110	O&E foundations (2tr)	16-Jan-13	1	15-Jan-13	0%	2013
1A-3B-S16-1120	O&E Pile/Lighting Columns (2tr)	17-Jan-13	1	17-Jan-13	0%	2013
Foundation Works						
1A-3B-S16-1150	Waterproofing (North side)	14-Jan-13	1	14-Jan-13	0%	2013
1A-3B-S16-1160	Red sand asphalt (Verge)	15-Jan-13	1	15-Jan-13	0%	2013
1A-3B-S16-1170	Keelring	16-Jan-13	1	16-Jan-13	0%	2013
1A-3B-S16-1180	Permanent services (by others)	17-Jan-13	5	23-Jan-13	0%	2013
1A-3B-S16-1190	Mill concrete layer	24-Jan-13	1	24-Jan-13	0%	2013
1A-3B-S16-1200	Paved/stran paving	25-Jan-13	1	25-Jan-13	0%	2013
1A-3B-S16-1200		25-Jan-13	50	05-Apr-13	21%	2013
REBOUND						
Demolition works						
1A-3B-S16-1210	Remove existing Parapet Barrier	25-Jan-13	27	25-Feb-13	20%	2013
1A-3B-S16-1220	Remove existing Signaling/Verge (Footway/Cycleway)	26-Jan-13	1	26-Jan-13	0%	2013
1A-3B-S16-1230	Remove existing Verge and Copings (Hydrodemolition)	26-Jan-13	10	11-Feb-13	0%	2013
1A-3B-S16-1240	Hydrodemolition of Service Voids in East/West Accessways	12-Feb-13	10	25-Feb-13	0%	2013
1A-3B-S16-1300	Acoustic Cabriants	26-Feb-13	20	05-Apr-13	21%	2013
Remaining Work						
1A-3B-S16-1250	RC Bridge deck	26-Feb-13	10	11-Mar-13	0%	2013
1A-3B-S16-1260	New RC parapet	12-Mar-13	10	25-Mar-13	0%	2013
1A-3B-S16-1270	Install Steel Hangers for Tram Ducts	26-Mar-13	2	27-Mar-13	0%	216
1A-3B-S16-1280	Install Parapet barriers	26-Mar-13	2	27-Mar-13	0%	216
1A-3B-S16-1290	Lay Tram Ducts	26-Mar-13	9	03-Apr-13	0%	216
1A-3B-S16-1300	Paint Parapet barriers???	26-Mar-13	5	04-Apr-13	0%	216
Cycleway / Footway (South)						
1A-3B-S16-1310	Waterproofing (South side and Trackway)	26-Mar-13	1	26-Mar-13	0%	216
1A-3B-S16-1320	Red sand asphalt	27-Mar-13	1	27-Mar-13	0%	216
1A-3B-S16-1330	Keelring	26-Mar-13	1	26-Mar-13	0%	216
1A-3B-S16-1340	Permanent services (by others??)	01-Apr-13	5	05-Apr-13	0%	216
1A-3B-S16-1350	Mill concrete layer	03-Apr-13	1	03-Apr-13	0%	216
1A-3B-S16-1390	Surfacing	04-Apr-13	1	04-Apr-13	0%	216
1A-3B-S16-1400		04-Apr-13	1	04-Apr-13	0%	216
ROAD TRACKWORKS (Ch. 1200 - 1400)		04-Oct-12	118	23-Apr-13	20%	2013
TEMPORARY AND PRELIMINARY WORKS						
1A-3B-1000	Site clearance	30-Oct-12	5	05-Nov-12	24%	245
1A-3B-010	Investigate services / callout positions / in-situ callout positions / levels	01-Nov-12	3	03-Nov-12	0%	245
TRACK IMPROVEMENT		01-Nov-12	52	24-Jan-13	24%	245
1A-3B-1020	COMMENCE TRACK WORKS (Ch. 1200-1400)	01-Nov-12	0		0%	246

█ Actual Work
 █ Critical Remaining Work
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 █ Summary

Date: 11-Mar-11
 Revision: E1N Updated Programme - Progress to 18 Mar 11
 Checked: JAC
 Approved:

Page 21 of 116

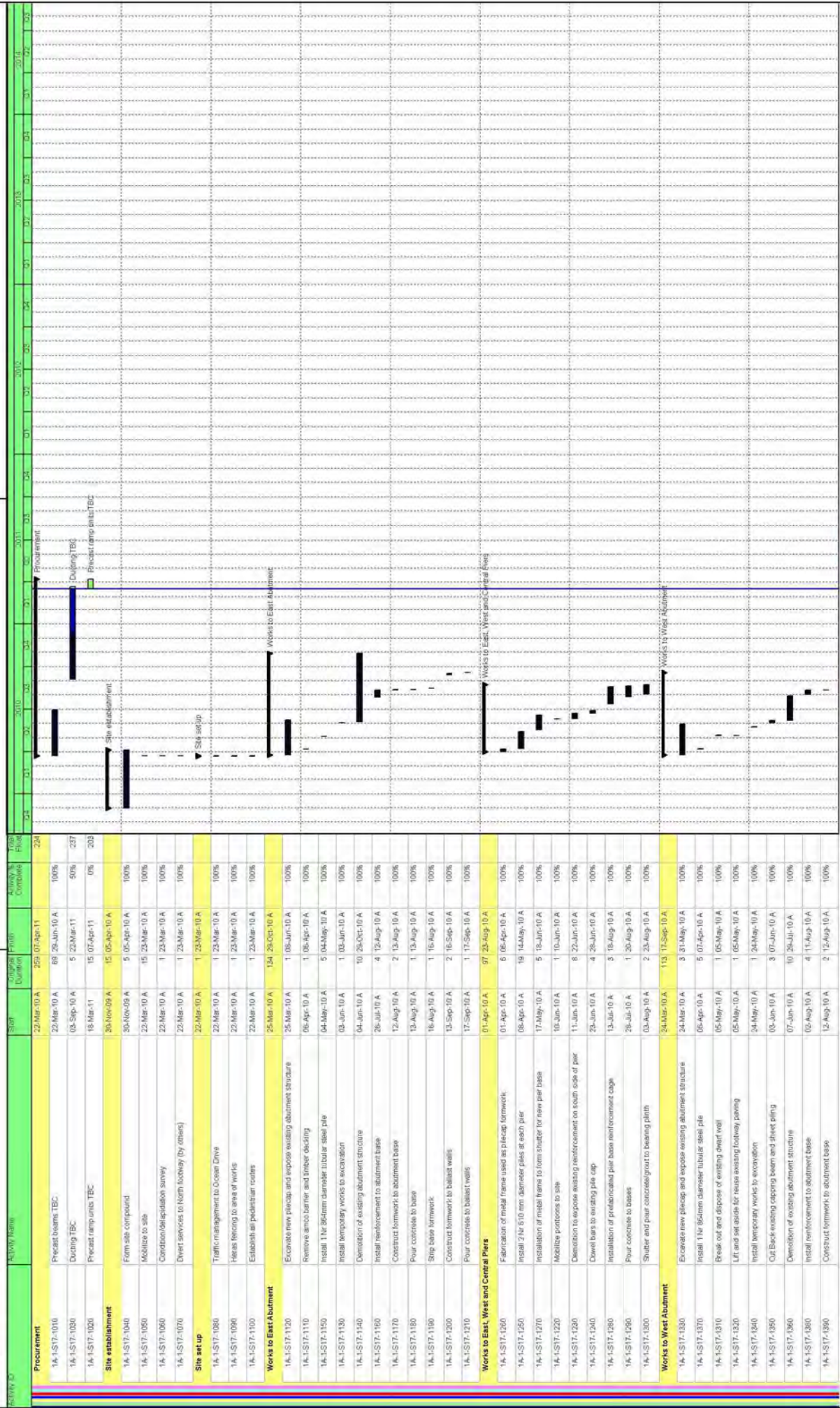


Date	Revision	Checked	Approved
11-Mar-11	ETN Updated Programme - Progress to 18 Mar 11	JAC	

Update Programme

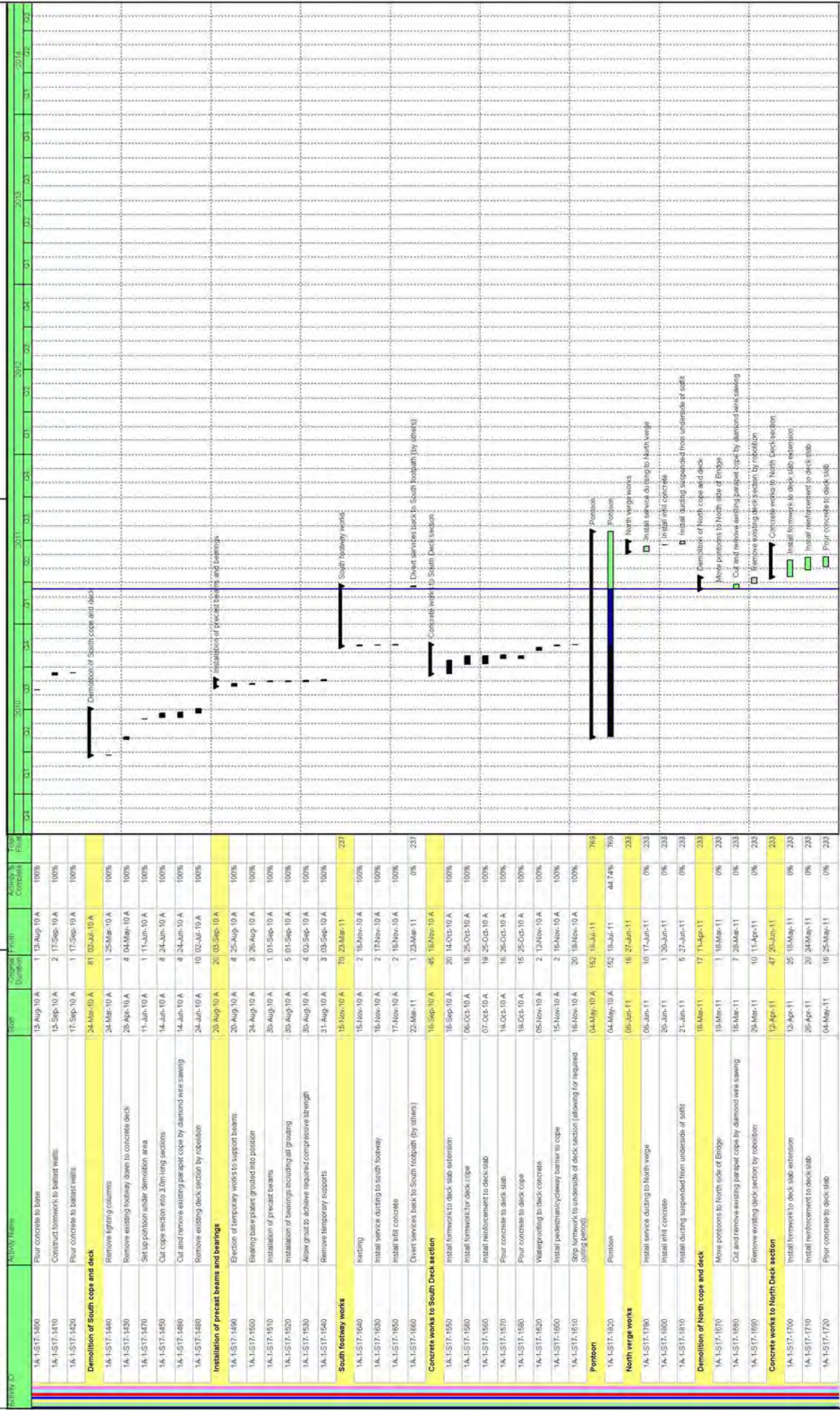
Updated for V67 Design Programme, and progress to 18 March 2011 .

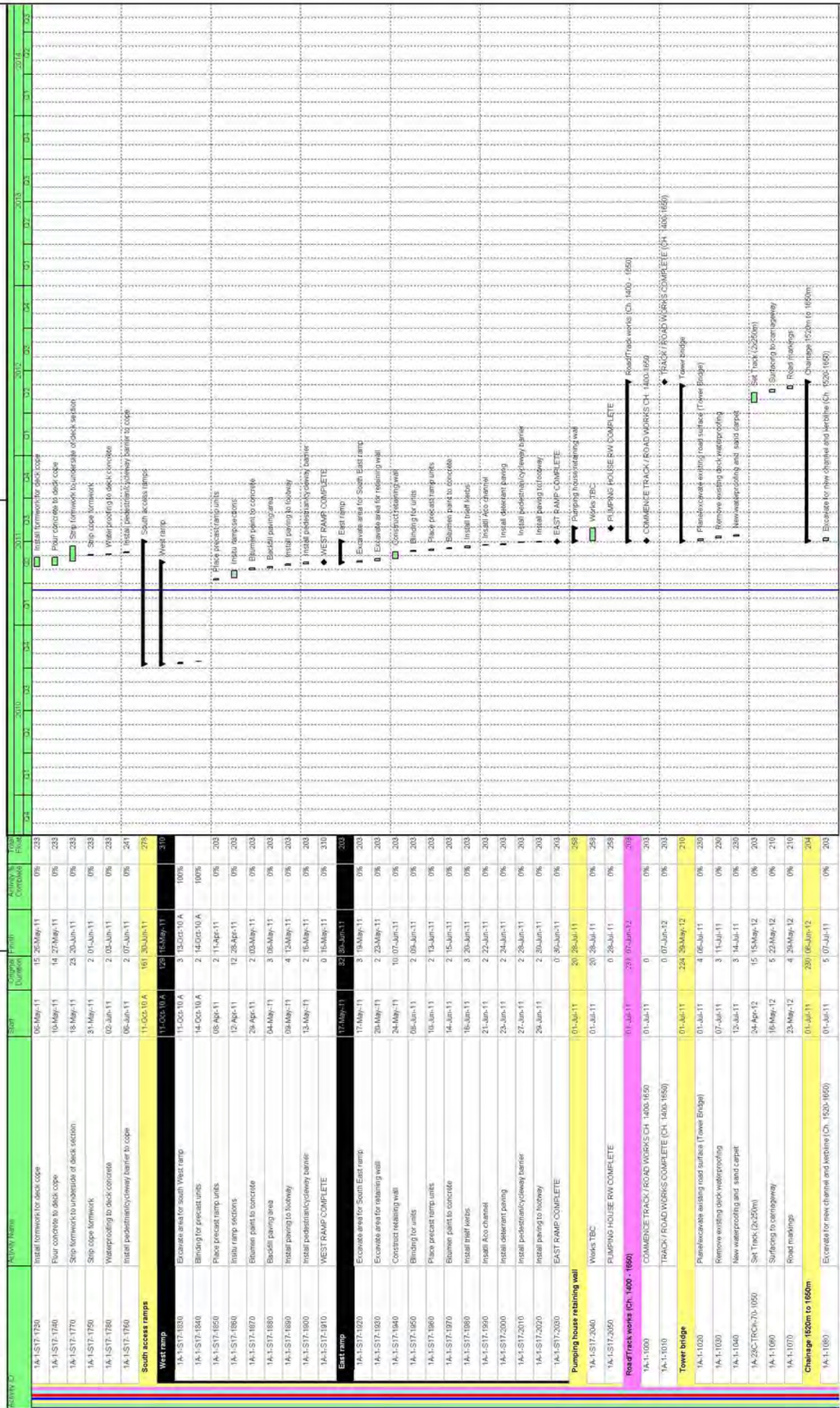
EDINBURGH TRAM NETWORK



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

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





Page 26 of 116

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Revision

11-Mar-11

ETN Updated Programme - Progress to 18 Mar 11

JAC

Actual Work

Remaining Work

Critical Remaining Work

Milestone

% Complete

Summary



Legend:

- Actual Work
- Remaining Work
- Critical Remaining Work
- Milestone
- % Complete
- Summary

Revision: Approved

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

Activity ID	Activity Name	Start	Original Duration	Final Duration	Activity % Complete	Year Placed
1A-1A-1100	Siteclearing	25-May-11	3	25-May-11	0%	2011
1A-1A-1110	Road Signs and Markings	26-May-11	1	26-May-11	0%	2011
1A-1A-1120	Landscape	27-May-11	3	01-Jun-11	0%	2011
1A-1A-1130	ROAD WORKS COMPLETE (CH 1850-1880)	0	0	01-Jun-11	0%	2011
Casino Square to Baltic Street CH 1880 - 2110						
		0	0	0	0	
COMMISSIONING AND TESTING						
1A-1A-TEST-100	Handover / Acceptance of Roadworks	02-Jun-11	5	06-Jun-11	0%	2011
1A-1A-TEST-110	Start remaining EAM works along track	06-Jun-11	0	0	0%	2011
TTM PHASE 2 (CH - 1650-1880)						
1A-1A-TM-002-1000	TTM PHASE 2 - Road Opened (Ch. 1650-1880)	15-Jun-12	96	26-Sep-12	0%	2012
1A-1A-TM-002-1010	TTM PHASE 2 COMPLETE	15-Jun-12	0	0	0%	2012
TEMPORARY AND PRELIMINARY WORKS						
1A-2-1000	Site clearance	15-Jun-12	2	16-Jun-12	0%	2012
1A-2-1010	Investigate services / outfall positions / traffic/outlet positions / levels	16-Jun-12	9	21-Jun-12	0%	2012
TRACK IMPROVEMENT						
1A-2-1020	COMMENCE TRACK WORKS (CH - 1650-1880)	16-Jun-12	50	28-Aug-12	21%	2012
1A-2-1030	Remove existing footways/paths etc	16-Jun-12	5	25-Jun-12	0%	2012
1A-2-1040	Plane out existing surfacing over Trams Footprint (1st cut)	26-Jun-12	2	27-Jun-12	0%	2012
1A-2-1050	Carry out inspection and testing of Subgrade	28-Jun-12	1	28-Jun-12	0%	2012
1A-2-1060	Street Separation - Train Ducts Outer Edge	28-Jun-12	8	02-Jul-12	0%	2012
1A-2-1070	Break Out / Excavate to formation of Tram Footprint (2nd cut)	28-Jun-12	10	12-Jul-12	0%	2012
1A-2-1080	Place Sub-base Type 1	28-Jun-12	10	12-Jul-12	0%	2012
1A-2-1100	Train Ducts & Chambers	06-Jul-12	18	27-Jul-12	0%	214
1A-2-1090	Drainage and Outfalls	06-Jul-12	10	20-Jul-12	0%	203
1A-2-1110	Excavate and Cast OLE Foundations (1st nos)	13-Jul-12	10	09-Aug-12	0%	206
1A-2-1130	Prepare and check suitability of Formation	23-Jul-12	15	13-Aug-12	0%	203
1A-2-1150	Track Improvement Layer - Outbound	25-Jul-12	20	22-Aug-12	0%	203
1A-2-1140	Installation of IMU Drains and Cable Ducting	25-Jul-12	15	15-Aug-12	0%	208
1A-2-1120	Lay SL Duct to OLE	30-Jul-12	8	09-Aug-12	0%	212
1A-2-1160	Track Improvement Layer - Inbound	31-Jul-12	20	28-Aug-12	0%	213
TRACK INSTALLATION						
1A-2-1170	TRACK WORKS COMPLETE (CH - 1650-1880)	16-Aug-12	23	14-Sep-12	23%	231
INBOUND/OUTBOUND						
1A-2-1180	Access Available for Track Laying	10-Aug-12	23	11-Sep-12	0%	234
1A-2SD-TRC/70-1160	Set Up track (sleeper trial) - 2x 230m + mob	10-Aug-12	0	0	0%	203
1A-2-1200	Welding and grinding	14-Aug-12	28	11-Sep-12	0%	203
1A-2-1210	Drainage / Rail Connections	14-Aug-12	18	06-Sep-12	0%	203
1A-2-1220	Final Rail Alignment - Check and Approve	14-Aug-12	18	06-Sep-12	0%	203
1A-2SD-SGH-60-1200	Installation of IMU Boxes and Loops	15-Aug-12	3	17-Aug-12	0%	204
1A-2-1240	150mm Concrete Supporting Layer	15-Aug-12	16	06-Sep-12	0%	203
TRACKWORK PAVEMENT (BETWEEN AND OUTWITH RAILS)						
1A-2-1250	110mm Roadbase	14-Sep-12	1	14-Sep-12	0%	226
1A-2-1260	50mm Bitcourse	17-Sep-12	1	17-Sep-12	0%	226
1A-2-1270	35mm Wearing Course	18-Sep-12	1	18-Sep-12	0%	226
CENTRAL RESERVE AND BOUNDARY						
		07-Sep-12	14	20-Sep-12	20%	230

Page 28 of 116

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

Date: 11-Mar-11
 Revision: EITN Updated Programme - Progress to 18 Mar 11
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Activity ID	Activity Name	Start	Original Duration	Activity % Complete	Year	
1A-2-1320	Rolling to Central Reserve (excl Tramstop)	07-Sep-12	5	14-Sep-12	0%	200
1A-2-1320	Sub-base to Central Reserve	13-Sep-12	2	14-Sep-12	0%	200
1A-2-1330	Central Reserve Finishes	9-Sep-12	9	28-Sep-12	0%	200
CARRIAGEWAY/FOOTWAY PAVENT CONSTRUCTION						
1A-2-1310	COMMENCE ROAD WORKS (CH 1650-1880)	26-Jun-12	0	14-Oct-12	0%	200
1A-2-1320	ROAD WORKS COMPLETE (CH 1650-1880)	26-Jun-12	0	15-Oct-12	0%	200
OUTBOUND						
1A-2-1330	Plane Main Carriageway & Footway	26-Jun-12	50	07-Sep-12	0%	200
1A-2-1340	Planefinish/castcrete to Formation	26-Jun-12	2	02-Jul-12	0%	222
1A-2-1350	Capping layer (600mm)	04-Jul-12	6	10-Jul-12	0%	222
1A-2-1360	Ducts and Outlets	05-Jul-12	7	12-Jul-12	0%	222
1A-2-1370	Ducts and Chambers	05-Jul-12	10	18-Jul-12	0%	256
1A-2-1380	Excavate and cast OLE Foundations (4 nos)	11-Jul-12	7	18-Jul-12	0%	252
1A-2-1390	kerbing	23-Aug-12	7	31-Aug-12	0%	222
1A-2-1400	Footpath Works	03-Sep-12	5	07-Sep-12	0%	233
SURFACING						
1A-2-1410	220mm Sub-base	03-Sep-12	4	08-Sep-12	0%	222
1A-2-1420	225mm Base	03-Sep-12	1	03-Sep-12	0%	222
1A-2-1430	60mm Binder Course	04-Sep-12	1	04-Sep-12	0%	222
1A-2-1440	35mm Surface Course - Main Carriageway and Boundary	05-Sep-12	1	05-Sep-12	0%	222
INBOUND						
1A-2-1450	Plane Main Carriageway & Footway	07-Sep-12	20	04-Oct-12	0%	214
1A-2-1460	Planefinish/castcrete to Formation	07-Sep-12	2	10-Sep-12	0%	203
1A-2-1470	Capping layer (600mm)	11-Sep-12	7	19-Sep-12	0%	203
1A-2-1480	Ducts and Outlets	12-Sep-12	7	20-Sep-12	0%	203
1A-2-1490	Ducts and Chambers	13-Sep-12	7	21-Sep-12	0%	207
1A-2-1500	Excavate and cast OLE Foundations (1 nos)	14-Sep-12	6	21-Sep-12	0%	207
1A-2-1510	kerbing	26-Sep-12	5	26-Sep-12	0%	204
1A-2-1520	Footpath Works	26-Sep-12	5	04-Oct-12	0%	203
SURFACING						
1A-2-1530	220mm Sub-base	26-Sep-12	4	03-Oct-12	0%	203
1A-2-1540	225mm Base	01-Oct-12	1	01-Oct-12	0%	203
1A-2-1550	60mm Binder Course	02-Oct-12	1	03-Oct-12	0%	203
1A-2-1560	35mm Surface Course - Main Carriageway and Boundary	03-Oct-12	1	03-Oct-12	0%	203
ROAD FINISHING						
1A-2-1570	Paradeys, Guard rails	20-Sep-12	22	19-Oct-12	0%	203
1A-2-1630	Landscape	26-Sep-12	5	27-Sep-12	0%	213
1A-22A-JACS-60-1550	Installation of traffic light control - Junction 11	01-Oct-12	12	16-Oct-12	0%	203
1A-22C-JACS-60-1590	Installation of traffic light control - Junction 10	04-Oct-12	9	16-Oct-12	0%	203
1A-2-1610	Grid Rail Joint and Sealing Compound	17-Oct-12	1	17-Oct-12	0%	203
1A-2-1610	Road Signs and Markings	18-Oct-12	1	18-Oct-12	0%	203
1A-2-1630	Remove temporary traffic management	19-Oct-12	1	19-Oct-12	0%	203
COMMISSIONING AND TESTING						
1A-2-1E5T-100	Handover / Acceptance of Roadworks and Trackworks	22-Oct-12	5	26-Oct-12	0%	203
1A-2-1E5T-110	Start remaining ESM works along track	26-Oct-12	0		0%	606

Page 29 of 116

Actual Work Remaining Work Critical Remaining Work % Complete

ETN Updated Programme - Progress to 18 Mar 11

11-Mar-11

Revision JAC

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Summary

Update Programme

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

EDINBURGH TRAM NETWORK



Activity ID	Activity Name	Start	Original Duration	Final Duration	Activity % Complete	Task Prior
PORT OF LEITH TRAM STOP						
1A-22-TRMS-20(3)	Order REC-Supply	25-Mar-08 A	0	20-Mar-13	100%	258
1A-21-TS-1010	Ducting and Chambers	22-Jun-12	21	20-Jul-12	0%	222
1A-21-TS-1000	COMMENCE PORT OF LEITH TRAM STOP (Design available)	22-Jun-12	0		0%	222
1A-21-TS-1020	Tramstop Platform	22-Jun-12	45	24-Sep-12	0%	222
1A-22-TRMS-30(3)	Access for visual inspection for EAM Tram Stop installation (01A Ocean Drive)	07-Sep-12	0		0%	871
1A-21-TS-1020	PORT OF LEITH TRAM STOP - CIVIL WORKS COMPLETE	07-Sep-12	0	24-Sep-12	0%	222
1A-21-TS-1040	Deliver and install Tramstop Shelter (tsa)	25-Sep-12	0		0%	820
1A-21-TS-1050	Start remaining EAM works on Tramstop	25-Sep-12	0		0%	820
1A-22-TRMS-40(3)	Deliver and install shelter	25-Sep-12	10	08-Oct-12	0%	270
1A-22-TRMS-31(3)	Access for EAM Tram Stop installation (01A Ocean Drive)	08-Oct-12	0		0%	294
1A-22-TRMS-45	Deliver and install cubicle	08-Dec-12	10	20-Dec-12	0%	73
1A-22-TRMS-50(3)	Install LV Power Supply and LV Power Equipment	26-Dec-12	25	06-Feb-13	0%	458
1A-22-TRMS-70(3)	Install Telecom Equipment	06-Feb-13	20	06-Mar-13	0%	268
1A-22-TRMS-80(3)	Install Station Control Equipment + AFC Equipment	06-Feb-13	25	13-Mar-13	0%	458
1A-22-TRMS-90(3)	Site Acceptance Test Tramstop	13-Mar-13	5	20-Mar-13	0%	458
Port of Leith (inc.) to Bernard Street (exc.)						
15	Ocean Drive (inc.) to Contribution Street (exc.)	02-Feb-08 A	1772	24-Dec-13	43.57%	254
Design						
12060	Issue Construction Drawings (Road & Track Works)	02-Feb-09 A	52	18-Mar-11	100%	252
12080	Issue Construction Drawings (Port of Leith Tram Stop)	02-Feb-09 A	0	16-Feb-09 A	100%	
1A-2-DS5-TRMS-110	ISC Drawings - Final TS Drawings incl. slope equipment - Port of Leith Tram Stop	02-Feb-09 A	0	04-Mar-10 A	100%	
1A-2-DS5-ROAD-110	Re-Issue Construction Drawings Roadworks (Port of Leith to Bernard Street)	02-Feb-09 A	0	16-Mar-11	0%	28
MUDFA & UTILITIES						
1A-MUDFA-17	MUDFA & Utilities work completion (Ch. 1000 - 2000) - see letter 6361 (06.10.10)	18-Mar-11	0	18-Mar-11	0%	563
1A-MUDFA-16	MUDFA & Utilities work completion (Ch. 2000 - 2100) - see letter 6361 (06.10.10)	18-Mar-11	0	18-Mar-11	0%	552
1A-MUDFA-15	MUDFA & Utilities work completion (Ch. 2100 - 2200) - see letter 6361 (06.10.10)	18-Mar-11	0	18-Mar-11	0%	638
1A-MUDFA-14	MUDFA & Utilities work completion (Ch. 1900 - 1900) - see letter 6361 (06.10.10)	18-Mar-11	0	18-Mar-11	0%	563
1A-2-CHGE-170	Agreement of Change (BDOUFC) - Trackwork	18-Mar-11	0	18-Mar-11	0%	590
1A-2-CHGE-160	Agreement of Change (BDOUFC) - Roadwork	18-Mar-11	0	18-Mar-11	0%	563
1A-2-CHGE-150	Agreement of Change (BDOUFC) - Bernard St TS	18-Mar-11	0	18-Mar-11	0%	633
TTM PHASE (18) (CH - 1895-1957)						
1A-TTM-18-1000	TTM PHASE (18) - Road closed (Ch - 1895-1957)	01-May-13	76	23-Aug-13	0%	409
1A-TTM-18-1010	TTM PHASE (18) COMPLETE	01-May-13	0	18-Aug-13	0%	214
TEMPORARY AND PRELIMINARY WORKS						
1A-18-1000	Establish temporary traffic management	01-May-13	1	01-May-13	0%	214
1A-18-1010	Site clearance	02-May-13	1	02-May-13	0%	214
1A-18-1020	Investigate services / utility positions / in-vehicle positions / levels	03-May-13	1	03-May-13	0%	214
1A-18-1030	COMMENCE TRACK/ROAD WORKS (CH - 1895-1957)	07-May-13	0		0%	214
OUTBOUND						
1A-18-1040	Remove existing footway	07-May-13	30	26-Jun-13	0%	214
1A-18-1050	Place out existing surfacing over Trams Footprint (115 cut)	08-May-13	1	08-May-13	0%	214
1A-18-1060	Carry out inspection and testing of Subgrade	08-May-13	1	08-May-13	0%	214
1A-18-1070	Start Separation - Tram Ducts Outer Edge	08-May-13	1	08-May-13	0%	214

Page 30 of 116

Legend:
█ Actual Work
█ Critical Remaining Work
█ Remaining Work
█ Milestone
◆ % Complete
▬ Summary

Date: 11-Mar-11
 Revision: EITN Updated Programme - Progress to 18 Mar 11
 Approved: JAC

Activity Name	Start	Complete Duration	Finish	Activity % Complete	Year
1A-18-1080	16-May-13	2	13-May-13	0%	2014
1A-18-1100	13-May-13	2	14-May-13	0%	2014
1A-18-1090	13-May-13	2	14-May-13	0%	2014
1A-18-1110	14-May-13	2	15-May-13	0%	2014
1A-18-1120	14-May-13	3	15-May-13	0%	2014
1A-18-1130	14-May-13	15	04-Jun-13	0%	2014
1A-18-1150	29-May-13	5	04-Jun-13	0%	2014
1A-18-1140	31-May-13	9	04-Jun-13	0%	2014
1A-18-1160	31-May-13	7	06-Jun-13	0%	2014
1A-18-1170	31-May-13	5	06-Jun-13	0%	2014
1A-18-1180	21-Jun-13	1	21-Jun-13	0%	2014
1A-18-1190	26-Jun-13	3	26-Jun-13	0%	2014
TRACK INSTALLATION					
1A-18-1200	11-Jun-13	9	20-Jun-13	21%	2014
1A-22A-TRC-06-1210	11-Jun-13	0		0%	2014
1A-18-1220	11-Jun-13	4	14-Jun-13	0%	2014
1A-18-1230	13-Jun-13	2	14-Jun-13	0%	2014
1A-18-1240	13-Jun-13	2	14-Jun-13	0%	2014
1A-18-1250	14-Jun-13	2	14-Jun-13	0%	2014
1A-18-1260	14-Jun-13	1	14-Jun-13	0%	2014
1A-18-1260	17-Jun-13	4	20-Jun-13	0%	2014
TRACKWORK PAVEMENT (BETWEEN AND OUTWITH RAILS)					
1A-18-1270	21-Jun-13	3	25-Jun-13	44%	2014
1A-18-1280	21-Jun-13	1	21-Jun-13	0%	2014
1A-18-1290	24-Jun-13	1	24-Jun-13	0%	2014
1A-18-1300	25-Jun-13	1	25-Jun-13	0%	2014
1A-18-1310	21-Jun-13	4	26-Jun-13	44%	2014
1A-18-1320	21-Jun-13	1	21-Jun-13	0%	2014
1A-18-1330	24-Jun-13	1	24-Jun-13	0%	2014
1A-18-1340	25-Jun-13	1	25-Jun-13	0%	2014
1A-18-1350	25-Jun-13	1	25-Jun-13	0%	2014
1A-18-1360	25-Jun-13	1	25-Jun-13	0%	2014
1A-18-1370	25-Jun-13	0	25-Jun-13	0%	2014
INBOUND					
1A-18-1400	27-Jun-13	29	05-Aug-13	21%	2014
1A-18-1410	27-Jun-13	1	27-Jun-13	0%	2014
1A-18-1420	28-Jun-13	1	28-Jun-13	0%	2014
1A-18-1430	01-Jul-13	1	01-Jul-13	0%	2014
1A-18-1440	01-Jul-13	3	03-Jul-13	0%	2014
1A-18-1450	03-Jul-13	2	04-Jul-13	0%	2014
1A-18-1470	03-Jul-13	2	04-Jul-13	0%	2014
1A-18-1480	04-Jul-13	3	05-Jul-13	0%	2014
1A-18-1490	04-Jul-13	3	05-Jul-13	0%	2014

11-Mar-11

ETN Updated Programme - Progress to 18 Mar 11

Revision

JAC

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Page 31 of 116

Actual Work

Remaining Work

Critical Remaining Work

Milestone

% Complete

Summary

Update Programme

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

EDINBURGH TRAM NETWORK



Activity Code	Activity Name	Start	Complete Duration	Final	Activity % Complete	Year
1A-18-1510	Prepare and check suitability of Formation	06-Jul-13	2	08-Jul-13	0%	214
1A-18-1490	Excavate and Cast OLE Foundations (0 foot)	09-Jul-13	0	09-Jul-13	0%	215
1A-18-1500	Lay SL Duct to OLE	09-Jul-13	0	09-Jul-13	0%	222
1A-18-1520	Track Improvement Layer	08-Jul-13	7	18-Jul-13	0%	214
1A-18-1530	Installation of IMU Drains and Cable Ducting	10-Jul-13	2	11-Jul-13	0%	219
1A-18-1540	kerbing	31-Jul-13	1	31-Jul-13	0%	217
1A-18-1550	Footpath Works	01-Aug-13	3	06-Aug-13	0%	218
TRACK INSTALLATION						
1A-18-1580	Access Available for Track Laying	18-Jul-13	8	30-Jul-13	21%	214
1A-22A-TRK-10-1570	Set Up track (separately) - 1 x 6.5m	19-Jul-13	0	24-Jul-13	0%	214
1A-18-1580	Welding and grinding	23-Jul-13	2	24-Jul-13	0%	214
1A-18-1590	Damage / Rail Connections	23-Jul-13	2	24-Jul-13	0%	214
1A-18-1600	Final Rail Alignment - Check and Approve	23-Jul-13	2	24-Jul-13	0%	214
1A-18-1610	Installation of IMU Boxes and Loops	24-Jul-13	1	24-Jul-13	0%	215
1A-18-1620	180mm Concrete Supporting Layer	25-Jul-13	4	30-Jul-13	0%	214
TRACKWORK PAVEMENT (BETWEEN AND OUTWITH RAILS)						
1A-18-1630	110mm Roadbase	31-Jul-13	3	02-Aug-13	21%	215
1A-18-1640	50mm Basecourse	31-Jul-13	1	31-Jul-13	0%	214
1A-18-1650	35mm Wearing Course	01-Aug-13	1	01-Aug-13	0%	215
1A-18-1650	35mm Wearing Course	02-Aug-13	1	02-Aug-13	0%	215
SURFACING						
1A-18-1660	220mm Sub-base	31-Jul-13	4	06-Aug-13	34%	214
1A-18-1670	25mm Base	31-Jul-13	1	31-Jul-13	0%	214
1A-18-1680	60mm Binder Course	01-Aug-13	1	01-Aug-13	0%	214
1A-18-1680	35mm Surface Course - Main Carriageway and Boundary	02-Aug-13	1	02-Aug-13	0%	214
1A-18-1680	35mm Surface Course - Main Carriageway and Boundary	06-Aug-13	1	06-Aug-13	0%	214
ROAD FINISHING						
1A-18-1710	Installation of traffic light control - Junction 12	01-Aug-13	3	06-Aug-13	0%	217
1A-18-1700	Parapets, Guard rails	01-Aug-13	1	01-Aug-13	0%	217
1A-18-1740	Landscaping	02-Aug-13	1	03-Aug-13	0%	218
1A-18-1720	Grind Rail Joint and Sealing Compound	07-Aug-13	2	08-Aug-13	0%	214
1A-18-1730	Road Signs and Markings	08-Aug-13	1	08-Aug-13	0%	214
1A-18-1750	Remove temporary traffic management	12-Aug-13	1	13-Aug-13	0%	214
1A-18-1760	TRACKROAD WORKS COMPLETE (CH - 1880,1957)	12-Aug-13	0	13-Aug-13	0%	214
COMMISSIONING AND TESTING						
1A-18-TEST-100	Handover / Acceptance of Roadworks and Trackworks	12-Aug-13	5	30-Aug-13	40%	215
1A-18-TEST-110	Start remaining EDM works along track	13-Aug-13	5	18-Aug-13	0%	214
1A-18-TEST-110	Start remaining EDM works along track	20-Aug-13	0	20-Aug-13	0%	408
TTM PHASE (T7) (CH - 1957-2012)						
1A-TTM-17-1000	TTM PHASE (T7) - Road closed (CH - 1957-2012)	04-Sep-13	71	14-Dec-13	33%	215
1A-TTM-17-1010	TTM PHASE (T7) COMPLETE	04-Sep-13	0	14-Dec-13	0%	215
TEMPORARY AND PRELIMINARY WORKS						
1A-17-1030	Establish temporary traffic management	04-Sep-13	3	06-Sep-13	21%	215
1A-17-1010	Site clearance	05-Sep-13	1	05-Sep-13	0%	213
1A-17-1030	Investigate services / utility positions / levels	06-Sep-13	1	06-Sep-13	0%	213
1A-17-1030	COMMENCE TRACKROAD WORKS (CH - 1957-2012)	06-Sep-13	0	06-Sep-13	0%	215
OUTBOUND						
TRACK IMPROVEMENT + CARRIAGEWAY FOOTWAY UPGRADE						
1A-18-1760	TRACK IMPROVEMENT + CARRIAGEWAY	04-Sep-13	29	17-Oct-13	21%	215

Page 32 of 116

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

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

Activity ID	Activity Name	Start	Original Duration	Final Duration	Activity % Complete	Year	2009	2010	2011	2012	2013	2014	2015	2016	2017
1A-17-1040	Remove existing footway	06-Sep-13	1	10-Sep-13	0%	213									
1A-17-1050	Plane out existing surfacing (sets) over Trams Footprint (1st cut)	10-Sep-13	3	12-Sep-13	0%	213									
1A-17-1060	Carry out inspection and testing of Subgrade	13-Sep-13	1	13-Sep-13	0%	213									
1A-17-1070	Salvot Separation - Tram Ducts Outer Edge	13-Sep-13	1	15-Sep-13	0%	213									
1A-17-1080	Break Out / Excavate to formation of Tram Footprint (2nd cut)	16-Sep-13	1	16-Sep-13	0%	213									
1A-17-1110	Drainage and Outlets	17-Sep-13	2	18-Sep-13	0%	214									
1A-17-1100	Capping layer (800mm)	17-Sep-13	1	17-Sep-13	0%	232									
1A-17-1090	Place Sub-base Type 1 (Track)	17-Sep-13	1	17-Sep-13	0%	232									
1A-17-1120	Tram Ducts & Chambers	18-Sep-13	3	20-Sep-13	0%	217									
1A-17-1130	Excavate and Cast OLE Foundations (2 nos)	18-Sep-13	7	26-Sep-13	0%	213									
1A-17-1150	Prepare and check suitability of Formation	20-Sep-13	5	26-Sep-13	0%	213									
1A-17-1140	Lay SL Duct to OLE	24-Sep-13	3	26-Sep-13	0%	217									
1A-17-1160	Track Improvement Layer	24-Sep-13	7	02-Oct-13	0%	213									
1A-17-1170	Installation of IMU Drains and Cable Ducting	24-Sep-13	4	27-Sep-13	0%	216									
1A-17-1180	Keelring	14-Oct-13	1	14-Oct-13	0%	213									
1A-17-1190	Floodpath Works	15-Oct-13	3	17-Oct-13	0%	213									
TRACK INSTALLATION															
1A-17-1200	Access Available for Track Laying	03-Oct-13	0		0%	213									
1A-22BTRCK-06-1210	Set up track (sleepers) - 1 x 28m	03-Oct-13	4	08-Oct-13	0%	213									
1A-17-1220	Widening and grading	07-Oct-13	2	08-Oct-13	0%	213									
1A-17-1230	Drainage / Rail Connections	07-Oct-13	2	08-Oct-13	0%	213									
1A-17-1240	Final Rail Alignment - Check and Approve	07-Oct-13	2	08-Oct-13	0%	213									
1A-17-1250	Installation of IMU Boxes and Loops	07-Oct-13	1	07-Oct-13	0%	214									
1A-17-1260	180mm Concrete Supporting Layer	08-Oct-13	4	11-Oct-13	0%	213									
TRACKWORK PAVEMENT (BETWEEN AND OUTWITH RAILS)															
1A-17-1270	110mm Roadbase	14-Oct-13	1	14-Oct-13	0%	365									
1A-17-1280	50mm Basecourse	15-Oct-13	1	15-Oct-13	0%	365									
1A-17-1290	35mm Wearing Course	16-Oct-13	1	16-Oct-13	0%	366									
SURFACING (Sets to re-use? Bc)															
1A-17-1300	20mm Subbase	14-Oct-13	4	17-Oct-13	39%	365									
1A-17-1310	225mm Base	15-Oct-13	1	15-Oct-13	0%	365									
1A-17-1320	60mm Binder Course	16-Oct-13	1	16-Oct-13	0%	365									
1A-17-1330	35mm Surface Course- Main Carriageway and Eboundry	17-Oct-13	1	17-Oct-13	0%	365									
ROAD FINISHING															
1A-17-1350	Road Signs and Markings	15-Oct-13	3	17-Oct-13	21%	213									
1A-17-1360	Landscaping	15-Oct-13	3	17-Oct-13	0%	213									
1A-17-1340	Parapets, Guard rails	15-Oct-13	0	15-Oct-13	0%	213									
1A-17-1370	Divert traffic onto Outbound	16-Oct-13	0	17-Oct-13	0%	213									
INSOUND															
TRACK IMPROVEMENT CARRIAGEWAY/FOOTWAY SUBGRADE															
1A-17-1400	Remove existing footway	16-Oct-13	20	28-Nov-13	33%	330									
1A-17-1410	Plane out existing surfacing (sets) over Trams Footprint (1st cut)	21-Oct-13	3	23-Oct-13	0%	213									
1A-17-1420	Carry out inspection and testing of Subgrade	24-Oct-13	1	24-Oct-13	0%	213									
1A-17-1430	Salvot Separation - Tram Ducts Outer Edge	24-Oct-13	1	24-Oct-13	0%	213									
1A-17-1440	Break Out / Excavate to formation of Tram Footprint (2nd cut)	25-Oct-13	1	25-Oct-13	0%	213									

Page 33 of 116

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

Date: 11-Mar-11
 Revision: EITN Updated Programme - Progress to 18 Mar 11
 Checked: JAC
 Approved:

Activity ID	Activity Name	Start	Original Duration	Final Duration	Activity % Complete	Year	Phase
1A-17-1480	Capsoy layer (600mm)	26-Oct-13	1	28-Oct-13	0%	2012	03
1A-17-1450	Place Sub-base Type 1 (Track)	28-Oct-13	1	28-Oct-13	0%	2012	03
1A-17-1470	Drainage and Outlets	28-Oct-13	2	30-Oct-13	0%	2012	03
1A-17-1480	Tram Ducts & Chambers	28-Oct-13	3	31-Oct-13	0%	2012	03
1A-17-1510	Prepare and check suitability of Formation	31-Oct-13	2	01-Nov-13	0%	2012	03
1A-17-1490	Excavate and Cast OLE Foundations (0 nos)	01-Nov-13	0	01-Nov-13	0%	2012	03
1A-17-1500	Lay SL Duct to OLE	01-Nov-13	0	01-Nov-13	0%	2012	03
1A-17-1530	Track Improvement Layer	04-Nov-13	7	12-Nov-13	0%	2012	03
1A-17-1540	Installation of MU Drains and Cable Ducting	04-Nov-13	4	07-Dec-13	0%	2012	03
1A-17-1550	Keelbing	25-Nov-13	1	25-Nov-13	0%	2012	03
1A-17-1560	Footpath Works	26-Nov-13	3	28-Nov-13	0%	2012	03
	TRACK INSTALLATION	13-Nov-13	8	23-Nov-13	32%		
1A-17-1570	Access Available for Track Laying	13-Nov-13	0	0%	21%		
1A-22B-TRC-15-1580	Set Up track (telepresence) --1 x 67m	13-Nov-13	4	18-Nov-13	0%	21%	
1A-17-1590	Welding and grinding	15-Nov-13	2	18-Nov-13	0%	27%	
1A-17-1600	Drainage / Rail Connections	15-Nov-13	2	18-Nov-13	0%	27%	
1A-17-1810	Final Rail Alignment - Check and Approve	15-Nov-13	2	18-Nov-13	0%	27%	
1A-17-1620	Installation of MU Boxes and Loops	18-Nov-13	1	18-Nov-13	0%	29%	
1A-17-1630	185mm Concrete Supporting Layer	18-Nov-13	4	22-Nov-13	0%	29%	
	TRACKWORK PAVEMENT (BETWEEN AND OUTWITH RAILS)	25-Nov-13	3	27-Nov-13	32%		
1A-17-1640	110mm Roadbase	25-Nov-13	1	25-Nov-13	0%	29%	
1A-17-1650	55mm Basecourse	26-Nov-13	1	26-Nov-13	0%	27%	
1A-17-1660	35mm Wearing Course	27-Nov-13	1	27-Nov-13	0%	27%	
	SURFACING	25-Nov-13	4	28-Nov-13	32%		
1A-17-1670	20mm Sub-base	25-Nov-13	1	25-Nov-13	0%	32%	
1A-17-1680	25mm Base	26-Nov-13	1	26-Nov-13	0%	32%	
1A-17-1690	60mm Binder Course	27-Nov-13	1	27-Nov-13	0%	32%	
1A-17-1700	35mm Surface Course - Main Carriageway and Boundary	28-Nov-13	1	28-Nov-13	0%	32%	
	ROAD FINISHING	26-Nov-13	7	04-Dec-13	32%		
1A-17-1720	Installation of traffic light control - Junction 12 (2)	26-Nov-13	3	28-Nov-13	0%	32%	
1A-17-1710	Landscape	26-Nov-13	0	26-Nov-13	0%	32%	
1A-17-1730	Parapets, Guard rails	26-Nov-13	0	26-Nov-13	0%	32%	
1A-17-1720	Grid Rail Joint and Sealing Compound	26-Nov-13	2	03-Dec-13	0%	32%	
1A-17-1740	Road Signs and Markings	03-Dec-13	1	03-Dec-13	0%	32%	
1A-17-1750	Remove temporary traffic management	04-Dec-13	1	04-Dec-13	0%	32%	
1A-17-1770	TRACKROAD WORKS COMPLETE (CH - 1657-2012)	05-Dec-13	5	10-Dec-13	0%	32%	
	COMMISSIONING AND TESTING	05-Dec-13	5	11-Dec-13	32%		
1A-17-EST-100	Handover / Acceptance of Roadworks and Trackworks	05-Dec-13	5	11-Dec-13	0%	32%	
1A-17-EST-110	Start remaining ESM works along track	12-Dec-13	0	0%	32%		
	TTM PHASE 16 (CH - 2012-2103)	01-May-13	87	04-Sep-13	39%		
1A-TM-16-1000	TTM PHASE 16) - Road closed (Ch - 2012-2103)	01-May-13	0	0%	20%		
1A-TM-16-1010	TTM PHASE 16) COMPLETE	01-May-13	2	07-May-13	20%		
	TEMPORARY AND PRELIMINARY WORKS	01-May-13	1	01-May-13	0%	20%	
1A-16-1000	Establish temporary traffic management	02-May-13	1	02-May-13	0%	20%	
1A-16-1010	Site clearance						

Page 34 of 116

11-Mar-11

ETN Updated Programme - Progress to 18 Mar 11

JAC

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Revision

Checked

Actual Work

Remaining Work

Critical Remaining Work

Milestone

% Complete

Summary

Activity ID	Activity Name	Start	Complete Duration	Final	Activity % Complete	Year
1A-15-1020	Investigate services / outfall positions / inlets/outside positions / levels	03-May-13	1 03-May-13		0%	2013
1A-15-1030	COMMENCE TRACKROAD WORKS (Ch - 2012-2103)	07-May-13	0		0%	2013
OUTBOUND						
TRACK IMPROVEMENT-CARRIAGEWAY/FOOTWAY SUBGRADE						
1A-15-1040	Remove existing footway	07-May-13	37 27-Jun-13		20%	2013
1A-15-1050	Place out existing surfacing (incl. setts) over Trams Footprint (1st)	07-May-13	1 07-May-13		0%	2013
1A-15-1060	Carry out inspection and testing of Subgrade	08-May-13	5 14-May-13		0%	2013
1A-15-1070	Sawcut Separation - Tram Ducts Outer Edge	15-May-13	1 15-May-13		0%	2013
1A-15-1080	Break out / Excavate to formation of Trams Footprint (2nd cut)	15-May-13	4 21-May-13		0%	2013
1A-15-1100	Cappping layer (600mm)	17-May-13	4 22-May-13		0%	2013
1A-15-1090	Place Sub-base Type 1 (Track)	17-May-13	4 22-May-13		0%	2013
1A-15-1120	Tram Ducts & Chambers	20-May-13	4 23-May-13		0%	2013
1A-15-1130	Excavate and Cast OLE Foundations (1 nos)	20-May-13	5 24-May-13		0%	2013
1A-15-1110	Drainage and Outlets	22-May-13	3 24-May-13		0%	2013
1A-15-1140	Lay SL Duct to OLE	23-May-13	2 24-May-13		0%	210
1A-15-1150	Prepare and check suitability of Formation	23-May-13	2 24-May-13		0%	203
1A-15-1160	Track Improvement Layer	25-May-13	7 05-Jun-13		0%	203
1A-15-1170	Installation of MU Drains and Cable Ducting	26-May-13	4 31-May-13		0%	206
1A-15-1180	kerbing	19-Jun-13	2 25-Jun-13		0%	203
1A-15-1190	Footpath Works	21-Jun-13	5 26-Jun-13		0%	203
TRACK INSTALLATION						
1A-15-1200	Access Available for Track Laying	06-Jun-13	9 15-Jun-13		20%	203
1A-220-TRC0-300-210	Set Up track (disregard) - 1 x 87m	06-Jun-13	0		0%	203
1A-15-1220	Welding and grouting	06-Jun-13	4 11-Jun-13		0%	203
1A-15-1230	Drainage / Rail Connections	10-Jun-13	3 12-Jun-13		0%	203
1A-15-1240	Final Rail Alignment - Check and Approve	10-Jun-13	3 12-Jun-13		0%	203
1A-15-1250	Installation of MU Boxes and Loops	11-Jun-13	1 11-Jun-13		0%	203
1A-15-1260	150mm Concrete Supporting Layer	11-Jun-13	6 18-Jun-13		0%	203
TRACKWORK PAVEMENT (BETWEEN AND OUTWITH RAILS)						
1A-15-1270	110mm Roadbase	19-Jun-13	3 21-Jun-13		44%	448
1A-15-1280	55mm Basecourse	19-Jun-13	1 19-Jun-13		0%	447
1A-15-1290	35mm Wearing Course	21-Jun-13	1 21-Jun-13		0%	448
SURFACING (SETS TO RE-USE? (b))						
1A-15-1300	220mm Sub-base	19-Jun-13	4 24-Jun-13		44%	447
1A-15-1310	25mm Bed	20-Jun-13	1 20-Jun-13		0%	447
1A-15-1320	60mm Binder Course	21-Jun-13	1 21-Jun-13		0%	447
1A-15-1330	35mm Surface Course - Main Carriageway and Boundary	24-Jun-13	1 24-Jun-13		0%	447
ROAD FINISHING						
1A-15-1350	Road Signs and Markings	21-Jun-13	5 27-Jun-13		30%	308
1A-15-1360	Landscaping	21-Jun-13	0 21-Jun-13		0%	207
1A-15-1340	Parapets, Guard rails	21-Jun-13	0 21-Jun-13		0%	207
1A-15-1370	Divert traffic onto Outbound	0 27-Jun-13	0 27-Jun-13		0%	203
INBOUND						
1A-15-1400	Remove existing footway	26-Jun-13	42 27-Aug-13		20%	206
TRACK IMPROVEMENT-CARRIAGEWAY/FOOTWAY SUBGRADE						
1A-15-1410	Remove existing footway	26-Jun-13	99 22-Aug-13		20%	209

Page 35 of 116

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

Date: 11-Mar-11
 Revision:
 EITN Updated Programme - Progress to 18 Mar 11
 JAC
 Approved

Activity ID	Activity Name	Start	Complete Duration	Final	Activity % Complete	Year
1A-15-1410	Plane out existing surfacing (incl. street) over Trams Footprint (1st cut)	01-Jun-13	5	05-Jul-13	0%	2013
1A-15-1420	Carry out inspection and testing of Subgrade	08-Jul-13	1	08-Jul-13	0%	2013
1A-15-1430	Sawcut Separation - Tram Ducts Outer Edge	10-Jul-13	1	10-Jul-13	0%	2013
1A-15-1440	Break Out / Excavate to formation of Trams Footprint (2nd cut)	08-Jul-13	5	15-Jul-13	0%	2013
1A-15-1450	Capping layer (600mm)	10-Jul-13	5	15-Jul-13	0%	2013
1A-15-1450	Place Sub-base Type 1 (1' track)	10-Jul-13	5	15-Jul-13	0%	2013
1A-15-1470	Drainage and Outlets	11-Jul-13	2	12-Jul-13	0%	2013
1A-15-1480	Tram Ducts & Chambers	11-Jul-13	4	15-Jul-13	0%	2013
1A-15-1490	Excavate and Cast OLE Foundations (2 nos)	11-Jul-13	8	22-Jul-13	0%	2013
1A-15-1500	Lay SL Duct to OLE	19-Jul-13	2	22-Jul-13	0%	2013
1A-15-1510	Prepare and check suitability of Formation	19-Jul-13	2	22-Jul-13	0%	2013
1A-15-1520	Track Improvement Layer	20-Jul-13	7	31-Jul-13	0%	2013
1A-15-1530	Installation of IMU Drains and Cable Ducting	23-Jul-13	4	26-Jul-13	0%	2013
1A-15-1540	Netting	15-Aug-13	2	16-Aug-13	0%	2013
1A-15-1550	Floodgates Works	18-Aug-13	4	22-Aug-13	0%	2013
TRACK INSTALLATION						
1A-15-1560	Access Available for Track Laying	01-Aug-13	9	14-Aug-13	20%	2013
1A-20C-TR070-1570	Set Up track (sleepers) -1 x 8.87m	01-Aug-13	4	07-Aug-13	0%	2013
1A-15-1580	Welding and grinding	06-Aug-13	9	06-Aug-13	0%	2013
1A-15-1590	Drainage / Rail Connections	06-Aug-13	9	06-Aug-13	0%	2013
1A-15-1600	Final Rail Alignment - Check and Approve	06-Aug-13	9	06-Aug-13	0%	2013
1A-15-1610	Installation of IMU Boxes and Loops	07-Aug-13	1	07-Aug-13	0%	2013
1A-15-1620	185mm Concrete Supporting Layer	07-Aug-13	6	14-Aug-13	0%	2013
TRACKWORK PAVEMENT (BETWEEN AND OUTWITH RAILS)						
1A-15-1630	110mm Roadbase	15-Aug-13	3	19-Aug-13	20%	2013
1A-15-1640	55mm Basecourse	15-Aug-13	1	15-Aug-13	0%	2013
1A-15-1650	35mm Wearing Course	16-Aug-13	1	16-Aug-13	0%	2013
SURFACING						
1A-15-1660	220mm Sub-base	15-Aug-13	1	15-Aug-13	0%	2013
1A-15-1670	250mm Base	15-Aug-13	1	15-Aug-13	0%	2013
1A-15-1680	60mm Binder Course	16-Aug-13	1	16-Aug-13	0%	2013
1A-15-1690	35mm Surface Course - Main Carriageway and Boundary	20-Aug-13	1	20-Aug-13	0%	2013
ROAD FINISHING						
1A-15-1710	Installation of traffic light control - Junction 13	18-Aug-13	5	23-Aug-13	0%	2013
1A-15-1700	Perimeters, Guard rails	16-Aug-13	1	16-Aug-13	0%	2013
1A-15-1740	Landscaping	20-Aug-13	0	20-Aug-13	0%	2013
1A-15-1720	Grind Rail Joint and Sealing Compound	21-Aug-13	9	23-Aug-13	0%	2013
1A-15-1730	Road Signs and Markings	26-Aug-13	1	26-Aug-13	0%	2013
1A-15-1750	Remove temporary traffic management	27-Aug-13	1	27-Aug-13	0%	2013
1A-15-1760	TRACKROAD WORKS COMPLETE (CH - 2012-2103)	27-Aug-13	0	27-Aug-13	0%	2013
COMMISSIONING AND TESTING						
1A-15-TEST-100	Handover / Acceptance of Roadworks and Trackworks	26-Aug-13	5	03-Sep-13	0%	2013
1A-15-TEST-110	Start remaining ESM works along track	04-Sep-13	0		0%	2013
TTM PHASE 1(5) (CH - 2103-2145)						
1A-15-15-1100	TTM PHASE 1(5) - Road closure (Ch. - 2103-2145)	04-Sep-13	0		0%	2013

Page 36 of 116

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

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

Activity ID	Activity Name	Start	Complete Duration	Final	Activity % Complete	Year
1A-TM-15-1010	TM PHASE (15) COMPLETE	04-Sep-13	08-Sep-13	3	0%	2013
TEMPORARY AND PRELIMINARY WORKS						
1A-15-1000	Establish temporary traffic management	04-Sep-13	08-Sep-13	3	0%	2013
1A-15-1010	Site clearance	05-Sep-13	06-Sep-13	1	0%	2013
1A-15-1020	Investigate services / outfall positions / inlets/outlet positions / levels	06-Sep-13	06-Sep-13	1	0%	2013
1A-15-1030	COMMENCE TRACK/ROAD WORKS (Ch - 2103-2145)	06-Sep-13	0	0	0%	2013
OUTBOUND						
TRACK IMPROVEMENT+CARRIAGEWAY/FOOTWAY SUBGRADE						
1A-15-1040	Remove existing footway	06-Sep-13	11-Sep-13	3	0%	2013
1A-15-1050	Plane out existing subgrade over Trams Footprint (1st cut)	12-Sep-13	12-Sep-13	1	0%	2013
1A-15-1060	Carry out inspection and testing of Subgrade	12-Sep-13	13-Sep-13	1	0%	2013
1A-15-1070	Sawcut Separation - Tram Ducts Outer Edge	13-Sep-13	13-Sep-13	1	0%	2013
1A-15-1080	Break out / Excavate to formation of Tram Footprint (2nd cut)	16-Sep-13	18-Sep-13	3	0%	2013
1A-15-1100	Capping layer (600mm)	17-Sep-13	19-Sep-13	3	0%	217
1A-15-1090	Place Sub-base Type 1 (Track)	17-Sep-13	19-Sep-13	3	0%	217
1A-15-1120	Tram Ducts & Chambers	19-Sep-13	21-Sep-13	2	0%	207
1A-15-1110	Drainage and Outlets	19-Sep-13	19-Sep-13	1	0%	203
1A-15-1150	Prepare and check suitability of Formation	19-Sep-13	19-Sep-13	1	0%	203
1A-15-1130	Excavate and cast OLE Foundations (0 nos)	20-Sep-13	20-Sep-13	0	0%	207
1A-15-1140	Lay SL Duct to OLE	20-Sep-13	20-Sep-13	0	0%	207
1A-15-1160	Track Improvement Layer	26-Sep-13	4-Sep-13	4	0%	203
1A-15-1170	Installation of MJU Drains and Cables Ducting	26-Sep-13	26-Sep-13	2	0%	203
1A-15-1180	Keelbing	09-Oct-13	09-Oct-13	1	0%	203
1A-15-1190	Floodpath Works	10-Oct-13	14-Oct-13	5	0%	203
TRACK INSTALLATION						
1A-15-1200	Access Available for Track Laying	26-Sep-13	0	0	0%	203
1A-220-TRC-10-1210	Set Up track (steepenshall) - 1 x 10m + 6m	26-Sep-13	03-Oct-13	6	0%	203
1A-15-1220	Welding and grinding	30-Sep-13	30-Sep-13	1	0%	206
1A-15-1230	Drainage / Rail Connections	30-Sep-13	30-Sep-13	1	0%	206
1A-15-1240	Final Rail Alignment - Check and Approve	30-Sep-13	30-Sep-13	1	0%	206
1A-15-1250	Installation of MJU Boxes and Logs	01-Oct-13	01-Oct-13	1	0%	206
1A-15-1260	150mm Concrete Supporting Layer	04-Oct-13	08-Oct-13	5	0%	203
TRACKWORK PAVEMENT (BETWEEN AND OUTWITH RAILS)						
1A-15-1270	110mm Roadbase	08-Oct-13	14-Oct-13	4	0%	368
1A-15-1280	55mm Basecourse	08-Oct-13	10-Oct-13	1	0%	368
1A-15-1290	35mm Wearing Course	11-Oct-13	11-Oct-13	1	0%	368
SURFACING						
1A-15-1300	220mm Sub-base	08-Oct-13	14-Oct-13	4	0%	368
1A-15-1310	225mm Base	10-Oct-13	10-Oct-13	1	0%	368
1A-15-1320	60mm Binder Course	11-Oct-13	11-Oct-13	1	0%	368
1A-15-1330	35mm Surface Course - Main Carriageway and Boundary	14-Oct-13	14-Oct-13	1	0%	368
ROAD FINISHING						
1A-15-1340	Parapets, Guard rails	10-Oct-13	21-Oct-13	2	0%	203
1A-15-1350	Road Signs and Markings	14-Oct-13	14-Oct-13	1	0%	203
1A-15-1360	Landscaping	14-Oct-13	0	0	0%	204

Page 37 of 116

Legend:
█ Actual Work
█ Critical Remaining Work
█ Remaining Work
◆ Milestone
◆ % Complete
▬ Summary

Date: 11-Mar-11
 Revision: EITN Updated Programme - Progress to 18 Mar 11
 Checked: JAC
 Approved:

Activity ID	Activity Name	Start	Complete Duration	Final	Activity % Complete	Year	2009	2010	2011	2012	2013	2014	2015	2016	2017	
1A-15-1370	Direct traffic onto Outbound		0	14-Oct-13	0%	2009										
REBOUND																
TRACK IMPROVEMENT+CARRIAGEWAY/FOOTWAY SUBGRADE																
1A-15-1400	Remove existing footway	15-Oct-13	35	03-Dec-13	0%	2009										
1A-15-1410	Plane out existing surfacing over Trams Footprint (1st cut)	15-Oct-13	3	17-Oct-13	0%	2009										
1A-15-1420	Carry out inspection and testing of Subgrade	18-Oct-13	1	18-Oct-13	0%	2009										
1A-15-1430	Sawcut Separation - Tram Ducts Outer Edge	21-Oct-13	1	21-Oct-13	0%	2009										
1A-15-1440	Break out Excavate to formation of Tram Footprint (2nd cut)	22-Oct-13	5	28-Oct-13	0%	2009										
1A-15-1450	Capillary layer (600mm)	23-Oct-13	5	29-Oct-13	0%	2009										
1A-15-1460	Place Sub-base Type 1 (Trestle)	24-Oct-13	1	24-Oct-13	0%	2009										
1A-15-1470	Drainage and Outlets	24-Oct-13	2	25-Oct-13	0%	2009										
1A-15-1480	Tram Ducts & Chambers	24-Oct-13	9	05-Nov-13	0%	2009										
1A-15-1490	Excavate and Cast OLE Foundations (2 nos)	24-Oct-13	2	05-Nov-13	0%	2009										
1A-15-1500	Lay SL Duct to OLE	04-Nov-13	2	05-Nov-13	0%	2009										
1A-15-1510	Prepare and check suitability of Formation	04-Nov-13	2	05-Nov-13	0%	2009										
1A-15-1520	Track Improvement Layer	06-Nov-13	4	11-Nov-13	0%	2009										
1A-15-1530	Installation of MU Drains and Cables Ducting	06-Nov-13	2	07-Nov-13	0%	2009										
1A-15-1540	Kerbing	20-Nov-13	2	21-Nov-13	0%	2009										
1A-15-1550	Footpath Works	22-Nov-13	6	29-Nov-13	0%	2009										
TRACK INSTALLATION																
1A-15-1560	Access Available for Track Laying	12-Nov-13	0		0%	2009										
1A-20D-TR(C)-70-1570	Set up track (sleepers/rails) - 1 x 10m	12-Nov-13	3	14-Nov-13	0%	2009										
1A-15-1580	Welding and grinding	14-Nov-13	1	14-Nov-13	0%	2009										
1A-15-1590	Drainage / Rail Connections	14-Nov-13	1	14-Nov-13	0%	2009										
1A-15-1600	Final Rail Alignment - Check and Approve	14-Nov-13	1	14-Nov-13	0%	2009										
1A-15-1610	Installation of MU Boxes and Loops	15-Nov-13	1	15-Nov-13	0%	2009										
1A-15-1620	100mm Concrete Supporting Layer	15-Nov-13	3	18-Nov-13	0%	2009										
TRACKWORK PAVEMENT (BETWEEN AND OUTWITH RAILS - IN/OUTBOUND)																
1A-15-1630	110mm Roadbase	21-Nov-13	3	25-Nov-13	0%	2009										
1A-15-1640	55mm Basecourse	21-Nov-13	1	21-Nov-13	0%	2009										
1A-15-1650	35mm Wearing Course	25-Nov-13	1	25-Nov-13	0%	2009										
SURFACING																
1A-15-1660	200mm Sub-base	21-Nov-13	4	26-Nov-13	0%	2009										
1A-15-1670	225mm Base	21-Nov-13	1	21-Nov-13	0%	2009										
1A-15-1680	60mm Blinder Course	25-Nov-13	1	25-Nov-13	0%	2009										
1A-15-1690	35mm Surface Course - Main Carriageway and Boundary	26-Nov-13	1	26-Nov-13	0%	2009										
ROAD FINISHING																
1A-15-1710	Installation of traffic light control - Junction 13	22-Nov-13	7	02-Dec-13	0%	2009										
1A-15-1700	Periscope, Guard rails	22-Nov-13	5	30-Nov-13	0%	2009										
1A-15-1740	Landscaping	26-Nov-13	0	26-Nov-13	0%	2009										
1A-15-1720	Grind Rail Joint and Sealing Compound	07-Nov-13	3	28-Nov-13	0%	2009										
1A-15-1730	Road Signs and Markings	29-Nov-13	1	29-Nov-13	0%	2009										
1A-15-1750	Remove temporary traffic management	02-Dec-13	1	02-Dec-13	0%	2009										
1A-15-1700	TRACKROAD WORKS COMPLETE (CH - 2103-2145)		0	02-Dec-13	0%	2009										
CENTRAL RESERVE AND BOUNDARY																
		04-Nov-13	7	22-Nov-13	0%	2009										

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

Page 38 of 116

Date: 11-Mar-11
 Revision: EITN Updated Programme - Progress to 18 Mar 11
 Checked: JAC
 Approved:

Activity ID	Activity Name	Start	Complete Duration	Activity % Complete	Year Plotted
1A-15-1770	Rolling to Central Reserve (excl Tramstop)	26-Nov-13	1 20-Nov-13	0%	2013
1A-15-1780	Sub-base to Central Reserve	21-Nov-13	1 21-Nov-13	0%	2013
1A-15-1790	Central Reserve Finishes	22-Nov-13	1 22-Nov-13	0%	2013
COMMISSIONING AND TESTING					
1A-15-TEST-100	Handover / Acceptance of Roadworks and Trackworks	03-Dec-13	5 03-Dec-13	0%	2013
1A-15-TEST-110	Start remaining EAM works along track	10-Dec-13	0	0%	2013
BERNARD STREET TRAM STOP - 2					
1A-15-TS-1010	Ducting and Chambers	14-Oct-13	10 25-Oct-13	0%	2013
1A-15-TS-1020	COMMENCE BERNARD STREET TRAM STOP (Design available)	14-Oct-13	0	0%	2013
1A-15-TS-1030	Tramstop Platform	29-Oct-13	20 25-Nov-13	0%	2013
1A-15-TS-1020	BERNARD STREET TRAM STOP (2) - CIVIL WORKS COMPLETE	1A-15-TS-1020	0 25-Nov-13	0%	2013
1A-15-TS-1040	Deliver and Install Tramstop Shelter (Ita)	26-Nov-13	0	0%	2013
1A-15-TS-1050	Start remaining EAM works on Tramstop	26-Nov-13	0	0%	2013
Bernard Street (incl) to Foot of the Walk (excl)					
1B	Constanation Street (incl) to Foot of the Walk (excl)	03-Feb-10 A	1802 08-Oct-13	44.60%	2010
MUDFA & UTILITIES					
1A-MUDFA-13	MUDFA & Utilities work completion (Ch: 2300 - 2400) - bc	30-Jul-10 A	108 18-Mar-11	50%	2010
1A-MUDFA-12	MUDFA & Utilities work completion (Ch: 2300 - 2500) - bc	30-Jul-10 A	0 30-Jul-10 A	100%	2010
1A-MUDFA-11	MUDFA & Utilities work completion (Ch: 2400 - 2700) - bc	30-Jul-10 A	0 30-Jul-10 A	100%	2010
1A-MUDFA-14	MUDFA & Utilities work completion (Ch: 2100 - 2900) - see below 6381 (06.10.10)	18-Mar-11	0 18-Mar-11	0%	2011
1A-MUDFA-10-1-2-3	MUDFA & Utilities work completion (Ch: 110,000 - 110,100) - bc	18-Mar-11	0 18-Mar-11	0%	2011
1A-2A-CHGE-300	Agreement of Change (BDDU/FC) - Trackwork	18-Mar-11	0 18-Mar-11	0%	2011
1A-2A-CHGE-210	Agreement of Change (BDDU/FC) - Roadwork	18-Mar-11	0 18-Mar-11	0%	2011
1A-2A-CHGE-220	Agreement of Change (BDDU/FC) - Foot of the Walk/TS	18-Mar-11	0 18-Mar-11	0%	2011
Design					
12060	Issue Construction Drawings (Road & Track Works)	0 02-Feb-09 A	0 16-Feb-09 A	100%	2009
12100	Issue Construction Drawings (Bernard Street Tram Stop)	0 16-Feb-09 A	0 16-Feb-09 A	100%	2009
12120	Issue Construction Drawings (Foot of the Walk Tram Stop)	0 16-Feb-09 A	0 16-Feb-09 A	100%	2009
1A-1-DSG-TRMS-130	IFC Drawings - Final TS Drawings and stop equipment - Foot of the Walk Tram Stop	0 01-Mar-10 A	0 01-Mar-10 A	100%	2010
1A-1-DSG-TRMS-110	IFC Drawings - Final TS Drawings and stop equipment - Bernard Street Tram Stop	0 01-Mar-10 A	0 01-Mar-10 A	100%	2010
1A-1-DSG-ROAD-110	Re-Issue Construction Drawings Roadworks (Bernard Street to Foot of the Walk)	0 18-Mar-11	0 18-Mar-11	0%	2011
TIM PHASE (14) (Ch - 2145-2298)					
1A-TTM-14-1020	TTM PHASE (14) - Road closed (Ch - 2145-2298)	15-Apr-11	0	0%	2011
1A-TTM-14-1010	TTM PHASE (14) COMPLETE	18-Mar-11	0 18-Mar-11	0%	2011
4th Charge Order					
1A-TTM-14-1020	Assumed Receipt of the Charge Order BDDU-IFC	18-Mar-11	0	0%	2011
TEMPORARY AND PRELIMINARY WORKS					
1A-14-1020	Establish temporary traffic management	15-Apr-11	1 15-Apr-11	0%	2011
1A-14-1010	Site clearance	18-Apr-11	1 18-Apr-11	0%	2011
1A-14-1020	Investigate services / utility positions / finalise utility positions / levels	15-Apr-11	1 15-Apr-11	0%	2011
1A-14-1030	COMMENTARY TRACK/ROAD WORKS (Ch - 2145-2298)	20-Apr-11	0	0%	2011
OUTBOUND					
20-Apr-11	20-Apr-11	58 13-Jul-11	0	0%	2011
TRACK IMPROVEMENT/CARRIAGEWAY/FOOTWAY SUBGRADE					
1A-14-1040	Remove existing footway	20-Apr-11	3 25-Apr-11	0%	2011
1A-14-1050	Place out existing surfacing over Trams Footprint (1st opt)	20-Apr-11	2 27-Apr-11	0%	2011

Page 39 of 116

11-Mar-11 | EITN Updated Programme - Progress to 18 Mar 11 | JAC | Checked | Approved | Revision |

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

Activity ID	Activity Name	Start	Complete Duration	Final	Activity % Complete	Year
1A-14-TS-1020	Tramstop Platform	03-Aug-11	36/21-Sep-11		0%	2011
1A-21-TRMS-20(3)	Order REC Supply	10-Aug-11	0		0%	2011
1A-21-TRMS-20(3)	Access for visual inspection for EAM Tram Stop installation (01A Constitution Street)	05-Sep-11	0		0%	2011
1A-14-TS-1020	BERNARD STREET TRAM STOP (1) - CIVIL WORKS COMPLETE	0/21-Sep-11			0%	2011
1A-14-TS-1040	Start remaining EAM works on Tramstop	21-Sep-11	0		0%	2011
1A-21-TRMS-20(3)	Deliver and install shaver	21-Sep-11	10/05-Oct-11		0%	2011
1A-21-TRMS-21(3)	Access for EAM Tram Stop installation (01A Constitution Street)	05-Oct-11	0		0%	2011
1A-21-TRMS-245	Deliver and install outside	08-Nov-12	10/22-Nov-12		0%	2012
1A-21-TRMS-50(3)	Install LV Power Supply and LV Power Equipment	22-Nov-12	25/08-Jun-13		0%	2012
1A-21-TRMS-70(3)	Install Telecom Equipment	09-Jan-13	20/06-Feb-13		0%	2013
1A-21-TRMS-80(3)	Install Station Control Equipment + AFC Equipment	09-Jan-13	25/13-Feb-13		0%	2013
1A-21-TRMS-80(3)	Site Acceptance Test Tramstop	13-Feb-13	5/20-Feb-13		0%	2013
TTM PHASE (19) (CH - 2296-2367)		15-Jun-12	87/01-Oct-12		53%	
1A-TM-13-1000	TTM PHASE (13) - Road closed (Ch - 2296-2367)	15-Jun-12	0		0%	2012
1A-TM-13-1010	TTM PHASE (13) COMPLETE	0/04-Oct-12			0%	2012
TEMPORARY AND PRELIMINARY WORKS		15-Jun-12	2/20-Jun-12		2%	
1A-13-1000	Establish temporary traffic management	15-Jun-12	1/15-Jun-12		0%	2012
1A-13-1010	Site clearance	18-Jun-12	1/18-Jun-12		0%	2012
1A-13-1020	Investigate services / outfall positions / inlets/outlet positions / levels	18-Jun-12	1/18-Jun-12		0%	2012
1A-13-1030	COMMENCE TRACK/ROAD WORKS (Ch - 2296-2367)	20-Jun-12	0		0%	2012
OUTBOUND		24-Jun-12	34/08-Aug-12		57%	
TRACK IMPROVEMENT/CARRIAGEWAY/FOOTWAY SUBGRADE		26-Jun-12	25/08-Aug-12		2%	
1A-13-1040	Remove existing footway	20-Jun-12	2/21-Jun-12		0%	2012
1A-13-1050	Plane out existing surfacing over Trams Footprint (1st cut)	22-Jun-12	1/22-Jun-12		0%	2012
1A-13-1060	Carry out inspection and testing of Subgrade	25-Jun-12	1/25-Jun-12		0%	2012
1A-13-1070	Sawcut Separation - Trams Ducts Outer Edge	25-Jun-12	1/25-Jun-12		0%	2012
1A-13-1080	Break cut / Excavate to formation of Trams Footprint (2nd cut)	26-Jun-12	0/26-Jun-12		0%	2012
1A-13-1100	Capping layer (600mm)	27-Jun-12	0/29-Jun-12		0%	2012
1A-13-1090	Place Sub-base Type 1 (Track)	27-Jun-12	0/29-Jun-12		0%	2012
1A-13-1120	Tram Ducts & Chambers	28-Jun-12	0/02-Jul-12		0%	2012
1A-13-1110	Drainage and Gullies	28-Jun-12	0/03-Jul-12		0%	2012
1A-13-1150	Prepare and check suitability of Formation	02-Jul-12	0/03-Jul-12		0%	2012
1A-13-1130	Excavate and Cast OLE Foundations (0 nos)	03-Jul-12	0/03-Jul-12		0%	2012
1A-13-1140	Lay SL Duct to OLE	03-Jul-12	0/03-Jul-12		0%	2012
1A-13-1160	Track Improvement Layer	04-Jul-12	0/10-Jul-12		0%	2012
1A-13-1170	Installation of MW Drains and Cable Ducting	04-Jul-12	0/05-Jul-12		0%	2012
1A-13-1180	Kerbing	27-Jul-12	1/27-Jul-12		0%	2012
1A-13-1190	Footpath Works	30-Jul-12	0/08-Aug-12		0%	2012
TRACK INSTALLATION		13-Jul-12	10/26-Jul-12		2%	
1A-13-1200	Access Available for Track Laying	13-Jul-12	0		0%	2012
1A-21B-TRCU-06-1210	Set up track (steepenside) - 1 x 63m	13-Jul-12	4/18-Jul-12		0%	2012
1A-13-1220	Working and grinding	17-Jul-12	2/18-Jul-12		0%	2012
1A-13-1230	Drainage / Rail Connectors	17-Jul-12	2/18-Jul-12		0%	2012
1A-13-1240	Final Rail Alignment - Check and Approve	18-Jul-12	1/18-Jul-12		0%	2012
1A-13-1250	Installation of MW Boxes and Loops	18-Jul-12	1/18-Jul-12		0%	2012

Page 42 of 116

Actual Work Remaining Work % Complete

11-Mar-11 ETN Updated Programme - Progress to 18 Mar 11 JAC Approved

Summary

Activity ID	Activity Name	Start	Complete Duration	Final	Activity % Complete	Year Plan
1A.13.1280	185mm Concrete Supporting Layer	15-Jul-12	6	26-Jul-12	0%	253
TRACKWORK PAVEMENT (BETWEEN AND OUTWITH RAILS)						
1A.13.1270	110mm Roadbase	27-Jul-12	3	31-Jul-12	0%	584
1A.13.1270	110mm Roadbase	27-Jul-12	1	27-Jul-12	0%	583
1A.13.1280	55mm Basecourse	30-Jul-12	1	30-Jul-12	0%	584
1A.13.1290	35mm Wearing Course	31-Jul-12	1	31-Jul-12	0%	584
SURFACING						
1A.13.1300	220mm Sub-base	27-Jul-12	4	01-Aug-12	0%	585
1A.13.1310	225mm Base	27-Jul-12	1	27-Jul-12	0%	583
1A.13.1320	60mm Binder Course	31-Jul-12	1	31-Jul-12	0%	583
1A.13.1330	35mm Surface Course - Main Carriageway and Boundary	01-Aug-12	1	01-Aug-12	0%	583
ROAD FINISHING						
1A.13.1340	Parapets, Guard Rails	30-Jul-12	7	08-Aug-12	0%	253
1A.13.1350	Road Signs and Markings	30-Jul-12	2	31-Jul-12	0%	257
1A.13.1360	Landscaping	01-Aug-12	1	01-Aug-12	0%	257
1A.13.1370	Divert traffic onto Outbound	01-Aug-12	0	01-Aug-12	0%	256
INBOUND						
TRACK IMPROVEMENT-CARRIAGEWAY/FOOTWAY SUBGRADE						
1A.13.1400	Remove existing footway	08-Aug-12	2	10-Aug-12	0%	253
1A.13.1410	Plane out existing surfacing over Trams Footprint (1st cut)	12-Aug-12	1	13-Aug-12	0%	253
1A.13.1420	Carry out inspection and testing of Subgrade	14-Aug-12	1	14-Aug-12	0%	253
1A.13.1430	Sawcut Separation - Tram Ducts Outer Edge	14-Aug-12	1	14-Aug-12	0%	253
1A.13.1440	Break Out / Excavate to formation of Trams Footprint (2nd cut)	15-Aug-12	3	17-Aug-12	0%	253
1A.13.1450	Capping layer (600mm)	16-Aug-12	3	20-Aug-12	0%	274
1A.13.1450	Place Sub-base Type 1 (Track)	16-Aug-12	3	20-Aug-12	0%	274
1A.13.1470	Drainage and Outlets	17-Aug-12	3	21-Aug-12	0%	253
1A.13.1480	Tram Ducts & Chambers	17-Aug-12	3	21-Aug-12	0%	253
1A.13.1490	Excavate and Cast OLE Foundations (1 no)	17-Aug-12	5	23-Aug-12	0%	253
1A.13.1500	Lay SL Duct to OLE	21-Aug-12	3	23-Aug-12	0%	260
1A.13.1510	Prepare and check suitability of Formation	22-Aug-12	2	23-Aug-12	0%	253
1A.13.1520	Track Improvement Layer	24-Aug-12	7	03-Sep-12	0%	253
1A.13.1530	Installation of IMU Drains and Cable Ducting	24-Aug-12	3	28-Aug-12	0%	267
1A.13.1540	Kerbing	16-Sep-12	2	18-Sep-12	0%	253
1A.13.1550	Footpath Works	20-Sep-12	8	01-Oct-12	0%	253
TRACK INSTALLATION						
1A.13.1560	Access Available for Track Laying	04-Sep-12	10	17-Sep-12	0%	253
1A.13.1570	Set Up track (steepside) - 1x 5.2m	04-Sep-12	0	04-Sep-12	0%	253
1A.13.1580	Welding and grouting	06-Sep-12	2	07-Sep-12	0%	253
1A.13.1590	Damage / Rail Connections	06-Sep-12	2	07-Sep-12	0%	254
1A.13.1600	Final Rail Alignment - Check and Approve	07-Sep-12	1	07-Sep-12	0%	253
1A.13.1610	Installation of IMU Boxes and Loops	07-Sep-12	1	07-Sep-12	0%	253
1A.13.1620	185mm Concrete Supporting Layer	10-Sep-12	6	17-Sep-12	0%	253
TRACKWORK PAVEMENT (BETWEEN AND OUTWITH RAILS - INBOUND)						
1A.13.1630	110mm Roadbase	18-Sep-12	1	18-Sep-12	0%	256
1A.13.1640	55mm Basecourse	18-Sep-12	1	18-Sep-12	0%	256
1A.13.1650	35mm Wearing Course	20-Sep-12	1	20-Sep-12	0%	256

Page 43 of 116

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

█ % Complete
 █ Summary

Date: 11-Mar-11
 Revision: ETN Updated Programme - Progress to 18 Mar 11
 Approved: JAC

Activity ID	Activity Name	Start	Finish	Activity % Complete	Year
SURFACING					
1A-13-1660	220mm Sub-base	18-Sep-12	4-21-Sep-12	0%	255
1A-13-1670	225mm Base	18-Sep-12	18-Sep-12	0%	255
1A-13-1680	60mm Binder Course	18-Sep-12	18-Sep-12	0%	255
1A-13-1690	35mm Surface Course - Main Camberway and Boundary	21-Sep-12	1-21-Sep-12	0%	255
1A-13-1710	Installation of traffic light control - Junction 14	26-Sep-12	8-01-Oct-12	0%	255
1A-13-1700	Parapets, Guard rails	26-Sep-12	7-26-Sep-12	0%	253
1A-13-1720	Grind Rail Joint and Sealing Compound	26-Sep-12	3-24-Sep-12	0%	253
1A-13-1740	Landscaping	26-Sep-12	0-26-Sep-12	0%	257
1A-13-1720	Road Signs and Markings	26-Sep-12	1-26-Sep-12	0%	255
1A-13-1750	Remove temporary traffic management	01-Oct-12	1-01-Oct-12	0%	253
1A-13-1760	TRACKROAD WORKS COMPLETE (CH - 2366-2367)	02-Oct-12	5-02-Oct-12	0%	253
COMMISSIONING AND TESTING					
1A-13-TEST-100	Handover / Acceptance of Roadworks and Trackworks	02-Oct-12	5-02-Oct-12	0%	253
1A-13-TEST-110	Start remaining EAM works along track	09-Oct-12	0	0%	536
TTM PHASE (1) (CH - 2367-2442 Inbound/230 Outbound)					
1A-TTM-12-1000	TTM PHASE (1) - Road closed (Ch - 2367-2442)	24-Jan-12	30-15-Jun-12	0%	011
1A-TTM-12-1010	TTM PHASE (1) COMPLETE	24-Jan-12	0-14-Jun-12	0%	253
TEMPORARY AND PRELIMINARY WORKS					
1A-12-1000	Establish temporary traffic management	24-Jan-12	1-25-Jan-12	0%	253
1A-12-1010	Site clearance	25-Jan-12	1-26-Jan-12	0%	253
1A-12-1020	Investigate services / utility positions / inlet-outlet positions / levels	26-Jan-12	1-27-Jan-12	0%	253
1A-12-1030	COMMENCE TRACKROAD WORKS (Ch - 2367-2442)	27-Jan-12	0	0%	253
1A-12-1040	Remove existing footway	27-Jan-12	30-23-Mar-12	0%	163
OUTBOUND					
TRACK IMPROVEMENT + CARRIAGEWAY/FOOTWAY SUBGRADE					
1A-12-1050	Plane out existing surfacing over Train Footprint (1st cut)	31-Jan-12	2-31-Jan-12	0%	253
1A-12-1060	Carry out inspection and testing of Subgrade	01-Feb-12	1-01-Feb-12	0%	253
1A-12-1070	Sawcut Separation - Train Cuts Outer Edge	01-Feb-12	1-02-Feb-12	0%	253
1A-12-1080	Break Out / Excavate to formation of Train Footprint (2nd cut)	02-Feb-12	2-06-Feb-12	0%	253
1A-12-1100	Capping layer (60mm)	03-Feb-12	2-07-Feb-12	0%	273
1A-12-1090	Place Sub-base Type 1 (Track)	03-Feb-12	2-07-Feb-12	0%	273
1A-12-1110	Drainage and Durbles	06-Feb-12	1-07-Feb-12	0%	257
1A-12-1120	Train Ducts & Chambers	06-Feb-12	2-08-Feb-12	0%	256
1A-12-1130	Excavate and Cast OLE Foundations (1 nos)	06-Feb-12	5-13-Feb-12	0%	253
1A-12-1140	Lay SL Duct to OLE	06-Feb-12	3-13-Feb-12	0%	260
1A-12-1150	Prepare and check suitability of Formation	09-Feb-12	2-13-Feb-12	0%	253
1A-12-1160	Track Improvement Layer	13-Feb-12	7-22-Feb-12	0%	253
1A-12-1170	Installation of MJ Drains and Cable Ducting	13-Feb-12	3-16-Feb-12	0%	257
1A-12-1180	Keelings	13-Mar-12	1-13-Mar-12	0%	251
1A-12-1190	Footpath Works	14-Mar-12	6-21-Mar-12	0%	253
TRACK INSTALLATION					
1A-12-1200	Access Available for Track Laying	22-Feb-12	19-12-Mar-12	0%	253
1A-21C-TRC-30-1210	Set up track (steepness) - 1 x 90m	01-Mar-12	4-06-Mar-12	0%	253

Page 44 of 116

11-Mar-11

ETN Updated Programme - Progress to 18 Mar 11

Revision

JAC

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Actual Work

Remaining Work

Critical Remaining Work

Milestone

% Complete

Summary

Activity ID	Activity Name	Start	Original Duration	Final Duration	Activity % Complete	Year Plan
1A-12-1220	Welding and grinding	05-Mar-12	2	06-Mar-12	0%	2012
1A-12-1230	Drainage / Rail Connections	05-Mar-12	2	06-Mar-12	0%	2012
1A-12-1240	180mm Concrete Supporting Layer	05-Mar-12	6	12-Mar-12	0%	2012
1A-12-1250	Final Rail Alignment - Check and Approve	05-Mar-12	1	06-Mar-12	0%	2012
1A-12-1260	Installation of IMU Boxes and Loops	05-Mar-12	3	08-Mar-12	0%	2012
TRACKWORK PAVEMENT (BETWEEN AND OUTWITH RAILS)						
1A-12-1270	110mm Roadbase	13-Mar-12	1	13-Mar-12	0%	2012
1A-12-1280	50mm Basecourse	14-Mar-12	1	14-Mar-12	0%	2012
1A-12-1290	35mm Wearing Course	15-Mar-12	1	15-Mar-12	0%	2012
SURFACING						
1A-12-1300	220mm Sub-Base	13-Mar-12	1	13-Mar-12	0%	2012
1A-12-1310	225mm Base	14-Mar-12	1	14-Mar-12	0%	2012
1A-12-1320	60mm Binder Course	15-Mar-12	1	15-Mar-12	0%	2012
1A-12-1330	35mm Surface Course - Main Carriageway and Boundary	22-Mar-12	1	22-Mar-12	0%	2012
ROAD FINISHING						
1A-12-1340	Road Signs and Markings	14-Mar-12	1	14-Mar-12	0%	2012
1A-12-1350	Landscaping	14-Mar-12	0	14-Mar-12	0%	2012
1A-12-1360	Parapets, Guard rails	14-Mar-12	0	14-Mar-12	0%	2012
1A-12-1370	Direct traffic onto Outbound	01-Mar-12	53	07-Jun-12	2%	2012
INBOUND						
TRACK IMPROVEMENT-CARRIAGEWAY/FOOTWAY SUBGRADE						
1A-12-1400	Remove existing footway	22-Mar-12	49	31-May-12	2%	2012
1A-12-1410	Plane out existing surfacing over Trams Footprint (1st cut)	22-Mar-12	2	23-Mar-12	0%	2012
1A-12-1420	Carry out inspection and testing of Subgrade	26-Mar-12	1	26-Mar-12	0%	2012
1A-12-1430	Sawcut Separation - Tram Ducts Outer Edge	27-Mar-12	1	27-Mar-12	0%	2012
1A-12-1440	Break Out / Excavate to formation of Tram Footprint (2nd cut)	26-Mar-12	2	29-Mar-12	0%	2012
1A-12-1450	Capping layer (60mm)	26-Mar-12	2	30-Mar-12	0%	2012
1A-12-1460	Place Sub-base Type 1 (Track)	28-Mar-12	2	30-Mar-12	0%	2012
1A-12-1470	Drainage and Outlets	30-Mar-12	1	30-Mar-12	0%	2012
1A-12-1480	Tram Ducts & Chambers	30-Mar-12	3	03-Apr-12	0%	2012
1A-12-1490	Excavate and Cast OLE Foundations (1 nos)	30-Mar-12	5	05-Apr-12	0%	2012
1A-12-1500	Lay SL Duct to OLE	03-Apr-12	9	05-Apr-12	0%	2012
1A-12-1510	Prepare and check suitability of Formation	04-Apr-12	2	05-Apr-12	0%	2012
1A-12-1520	Track improvement Layer	06-Apr-12	7	17-Apr-12	0%	2012
1A-12-1530	Installation of IMU Drains and Cable Ducting	06-Apr-12	3	11-Apr-12	0%	2012
1A-12-1540	Keelbing	21-May-12	1	21-May-12	0%	2012
1A-12-1550	Fordrath Works	25-May-12	7	31-May-12	0%	2012
TRACK INSTALLATION						
1A-12-1560	Access Available for Track Laying	18-Apr-12	23	03-May-12	2%	2012
1A-12-1570	Set up track (sleeperball) - 1 x 67m + mob	18-Apr-12	0		0%	2012
1A-12-1580	Welding and grinding	05-May-12	7	12-May-12	0%	2012
1A-12-1590	Drainage / Rail Connections	11-May-12	3	14-May-12	0%	2012
1A-12-1600	180mm Concrete Supporting Layer	11-May-12	6	18-May-12	0%	2012
1A-12-1610	Final Rail Alignment - Check and Approve	14-May-12	1	14-May-12	0%	2012
1A-12-1610	Installation of IMU Boxes and Loops	14-May-12	1	14-May-12	0%	2012

Page 45 of 116

11-Mar-11

ETN Updated Programme - Progress to 18 Mar 11

JAC

Revision

Checked

Approved

Actual Work

Remaining Work

Critical Remaining Work

Milestone

% Complete

Summary

Activity ID	Activity Name	Start	Complete Duration	Final	Activity % Complete	Year
TRACKWORK PAVEMENT (BETWEEN AND OUTWITH RAILS - IN/OUTBOUND)						
1A-12-1630	110mm Roadbase	21-May-12	9	23-May-12	25%	2012
1A-12-1640	55mm Basecourse	21-May-12	1	21-May-12	0%	2012
1A-12-1650	35mm Wearing Course	22-May-12	1	23-May-12	0%	2012
SURFACING						
1A-12-1660	220mm Sub-base	21-May-12	9	01-Jun-12	25%	2012
1A-12-1670	225mm Base	21-May-12	1	21-May-12	0%	2012
1A-12-1680	60mm Binder Course	22-May-12	1	23-May-12	0%	2012
1A-12-1690	35mm Surface Course - Main Carriageway and Boundary	01-Jun-12	1	01-Jun-12	0%	2012
ROAD FINISHING						
1A-12-1740	Landscape	22-May-12	12	07-Jun-12	25%	2012
1A-12-1700	Parade, Guard Rails	22-May-12	0	23-May-12	0%	2012
1A-12-1720	Grind Rail Joint and Sealing Compound	04-Jun-12	2	05-Jun-12	0%	2012
1A-12-1730	Road Signs and Markings	06-Jun-12	1	06-Jun-12	0%	2012
1A-12-1750	Remove temporary traffic management	07-Jun-12	1	07-Jun-12	0%	2012
1A-12-1760	TRACKROAD WORKS COMPLETE (Ch - 2867-2842)	07-Jun-12	0	07-Jun-12	0%	2012
COMMISSIONING AND TESTING						
1A-12-TEST-100	Handover Acceptance of Roadworks and Trackworks	08-Jun-12	5	14-Jun-12	0%	2012
1A-12-TEST-110	Start remaining EMV works along track	15-Jun-12	0		0%	2012
TTM PHASE (11) (Ch - 2442 Inbound/2420 Outbound/2645)						
1A-TTM-1-1000	TTM PHASE (11) - Road closed (Ch - 2420-2645)	15-Mar-11	206	24-Jun-12	60%	2011
1A-TTM-1-1010	TTM PHASE (11) COMPLETE	15-Apr-11	0		0%	2011
1st Change Order						
1A-TTM-1-1020	Assumed Receipt of the Change Order BOD - IFC	15-Mar-11	0		0%	2011
TEMPORARY AND PRELIMINARY WORKS						
1A-11-1000	Establish temporary traffic management	15-Apr-11	3	30-Apr-11	25%	2011
1A-11-1010	Site clearance	16-Apr-11	1	18-Apr-11	0%	2011
1A-11-1020	Investigate services / utility positions / inlets/outlet positions / levels	16-Apr-11	1	18-Apr-11	0%	2011
1A-11-1030	COMMENCE TRACKROAD WORKS (Ch - 2420-2645)	20-Apr-11	0		0%	2011
OUTBOUND						
TRACK IMPROVEMENT + CARRIAGEWAY/FOOTWAY SUBGRADE						
1A-11-1040	Remove existing footway	20-Apr-11	99	26-Aug-11	25%	2011
1A-11-1050	Place out existing subgrade over Trams Footprint (1st cut)	25-Apr-11	2	21-Apr-11	0%	2011
1A-11-1060	Carry out inspection and testing of Subgrade	27-Apr-11	1	27-Apr-11	0%	2011
1A-11-1070	Sealout Separation - Trm Ducts Outer Edge	27-Apr-11	1	27-Apr-11	0%	2011
1A-11-1080	Break Out / Excavate to formation of Trm Footprint (2nd cut)	28-Apr-11	6	05-May-11	0%	2011
1A-11-1100	Capping layer (60mm)	29-Apr-11	6	08-May-11	0%	2011
1A-11-1090	Place Sub-base Type 1 (Truck)	29-Apr-11	6	09-May-11	0%	2011
1A-11-1120	Trm Ducts & Chambers	03-May-11	9	13-May-11	0%	2011
1A-11-1130	Excavate and Cast OLE Foundations (2 nos)	03-May-11	2	10-May-11	0%	2011
1A-11-1140	Lay SL Duct to OLE	12-May-11	5	18-May-11	0%	2011
1A-11-1150	Picture and check stability of Formation	16-May-11	3	18-May-11	0%	2011
1A-11-1160	Track Improvement Layer	18-May-11	21	18-Jun-11	0%	2011
1A-11-1170	Installation of MU Drains and Cable Ducting	18-May-11	7	26-May-11	0%	2011

Page 46 of 116

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Revision

ETN Updated Programme - Progress to 18 Mar 11

11-Mar-11

Actual Work

Remaining Work

Critical Remaining Work

Milestone

% Complete

Summary

Activity ID	Activity Name	Start	Complete Duration	Finish	Activity % Complete	Year
1A-11-1180	Roading	15-Aug-11	3	17-Aug-11	0%	253
1A-11-1190	Footpath Works	16-Aug-11	9	26-Aug-11	0%	253
TRACK INSTALLATION						
1A-11-1200	Access Available for Track Laying	17-Jun-11	42	16-Aug-11	25%	259
1A-11-1210	Set Up track (sleepers) - ~1 x 225m + mob	02-Aug-11	10	15-Aug-11	0%	253
1A-11-1220	Welding and grinding	04-Aug-11	7	12-Aug-11	0%	255
1A-11-1230	Drainage / Rail Connections	04-Aug-11	7	12-Aug-11	0%	255
1A-11-1240	185mm Concrete Supporting Layer	04-Aug-11	9	16-Aug-11	0%	253
1A-11-1250	Installation of MK Boxes and Loops	05-Aug-11	1	05-Aug-11	0%	256
1A-11-1260	Final Rail Alignment - Check and Approve	12-Aug-11	1	12-Aug-11	0%	255
TRACKWORK PAVEMENT (BETWEEN AND OUTWITH RAILS)						
1A-11-1270	110mm Roadbase	17-Aug-11	9	26-Aug-11	25%	253
1A-11-1280	50mm Basecourse	17-Aug-11	1	17-Aug-11	0%	258
1A-11-1290	35mm Wearing Course	26-Aug-11	1	26-Aug-11	0%	253
SURFACING						
1A-11-1300	20mm Sub-base	17-Aug-11	1	17-Aug-11	0%	258
1A-11-1310	25mm Base	18-Aug-11	1	18-Aug-11	0%	258
1A-11-1320	60mm Binder Course	18-Aug-11	1	18-Aug-11	0%	258
1A-11-1330	35mm Surface Course - Main Carriageway and Boundary	26-Aug-11	1	26-Aug-11	0%	253
ROAD FINISHING						
1A-11-1370	Landscaping	18-Aug-11	0	18-Aug-11	0%	265
1A-11-1380	Parade, Guard rails	18-Aug-11	0	18-Aug-11	0%	265
1A-11-1350	Grind Rail Joint and Sealing Compound	30-Aug-11	3	01-Sep-11	0%	253
1A-11-1360	Road Signs and Markings	02-Sep-11	1	02-Sep-11	0%	253
1A-11-1380	Divert traffic onto Outbound	02-Sep-11	0	02-Sep-11	0%	253
INBOUND						
05-Sep-11	17-Jun-12	37	17-Jun-12	25%	254	
TRACK IMPROVEMENT-CARRIAGEWAY/FOOTWAY SUBGRADE						
1A-11-1400	Remove existing footway	05-Sep-11	1	05-Sep-11	0%	253
1A-11-1410	Plane out existing surfacing over Trams Footprint (1st cut)	06-Sep-11	1	06-Sep-11	0%	253
1A-11-1420	Carry out inspection and testing of Subgrade	07-Sep-11	1	07-Sep-11	0%	253
1A-11-1430	Sawcut Separation - Train Ducts Outer Edge	07-Sep-11	1	07-Sep-11	0%	253
1A-11-1440	Break Out/Excavate to formation of Trams Footprint (2nd cut)	08-Sep-11	6	15-Sep-11	0%	253
1A-11-1450	Capping layer (600mm)	08-Sep-11	6	15-Sep-11	0%	249
1A-11-1470	Place Sub-base Type 1 (Track)	08-Sep-11	6	15-Sep-11	0%	249
1A-11-1480	Drainage and Details	12-Sep-11	2	13-Sep-11	0%	265
1A-11-1490	Train Ducts & Chambers	12-Sep-11	9	22-Sep-11	0%	261
1A-11-1500	Excavate and Cast OLE Foundations (0 nos)	12-Sep-11	17	04-Oct-11	0%	253
1A-11-1510	Lay SL Duct to OLE	26-Sep-11	5	04-Oct-11	0%	370
1A-11-1520	Prepare and check stability of Formation	30-Sep-11	3	04-Oct-11	0%	253
1A-11-1530	Track Improvement Layer	04-Oct-11	18	27-Oct-11	0%	253
1A-11-1540	Installation of MK Drains and Cable Ducting	04-Oct-11	8	13-Oct-11	0%	273
1A-11-1550	kerling	12-Dec-11	5	18-Dec-11	0%	253
1A-11-1560	Footpath Works	13-Dec-11	9	09-Jan-12	0%	253
TRACK INSTALLATION						
1A-11-1500	Access Available for Track Laying	26-Oct-11	32	22-Dec-11	25%	259
26-Oct-11	0	26-Oct-11	0	26-Oct-11	0%	253

Page 47 of 116

Actual Work Remaining Work Critical Remaining Work % Complete

ETN Updated Programme - Progress to 18 Mar 11

11-Mar-11

Revision

Checked

Approved

JAC

Summary

Activity ID	Activity Name	Start	Original Duration	Final	Activity % Complete	Year
1A-21D-1036-10-1570	Set up track (superstructure) - 1x 15km	28-Nov-11	8	08-Dec-11	0%	253
1A-11-1580	Welding and grinding	30-Nov-11	6	08-Dec-11	0%	255
1A-11-1590	Drainage / Rail Connections	30-Nov-11	6	08-Dec-11	0%	260
1A-11-1620	185mm Concrete Supporting Layer	30-Nov-11	6	12-Dec-11	0%	258
1A-11-1610	Installation of IML Boxes and Loops	01-Dec-11	1	02-Dec-11	0%	259
1A-11-1600	Final Rail Alignment - Check and Approve	07-Dec-11	1	08-Dec-11	0%	255
TRACKWORK PAVEMENT (BETWEEN AND OUTWITH RAILS - IN/OUTBOUND)						
1A-11-1650	110mm Roadbase	12-Dec-11	3	15-Dec-11	26%	261
1A-11-1640	55mm Basecourse	12-Dec-11	1	13-Dec-11	0%	260
1A-11-1650	35mm Wearing Course	13-Dec-11	1	14-Dec-11	0%	261
SURFACING						
1A-11-1660	20mm Sub-base	12-Dec-11	11	10-Jan-12	25%	255
1A-11-1670	225mm Base	12-Dec-11	1	13-Dec-11	0%	260
1A-11-1680	60mm Binder Course	13-Dec-11	1	14-Dec-11	0%	260
1A-11-1690	35mm Surface Course - Main Carriageway and Boundary	08-Jan-12	1	10-Jan-12	0%	253
ROAD FINISHING						
1A-11-1720	Landscape	19-Dec-11	11	17-Jan-12	25%	253
1A-11-1700	Parapets, Guard rails	19-Dec-11	0	18-Dec-11	0%	262
1A-11-1710	Grind Rail Joint and Sealing Compound	19-Dec-11	0	19-Dec-11	0%	263
1A-11-1720	Road Signs and Markings	10-Jan-12	9	12-Jan-12	0%	253
1A-11-1740	Remove temporary traffic management	18-Jan-12	1	16-Jan-12	0%	253
1A-11-1750	TRACKROAD WORKS COMPLETE (CH - 2410-2645)	16-Jan-12	1	17-Jan-12	0%	253
COMMISSIONING AND TESTING						
1A-11-TEST-100	Handover / Acceptance of Roadworks and Trackworks	17-Jan-12	5	24-Jun-12	0%	253
1A-11-TEST-110	Start remaining E&M works along track	24-Jan-12	0		0%	697
TTM PHASE (10-3) (GREAT JUNCTION STOKLAKE ST) - TO BE INTEGRATED INTO FOOT OF THE - 11.03.13						
1A-TTM-10-3-1000	TTM PHASE (10-3) - Road closed (Ch - 110.028, 110.075)	11-Mar-13	50	04-Jun-13	37%	378
1A-TTM-10-3-1010	TTM PHASE (10-3) COMPLETE	11-Mar-13	0		0%	378
TEMPORARY AND PRELIMINARY WORKS						
1A-10-3-1000	Establish temporary traffic management	11-Mar-13	2	14-Mar-13	37%	378
1A-10-3-1010	Site clearance	11-Mar-13	1	11-Mar-13	0%	378
1A-10-3-1020	Investigate services / utility positions / in-line-cable positions / levels	12-Mar-13	1	12-Mar-13	0%	378
1A-10-3-1030	COMMENCE TRACKROAD WORKS (Ch - 110.028, 110.075)	13-Mar-13	1	13-Mar-13	0%	378
OUTBOUND						
1A-10-3-1060	Remove existing footway	14-Mar-13	2	14-Mar-13	41%	378
1A-10-3-1040	Plane out existing surfacing over Trams Footprint (1st cut)	14-Mar-13	19	10-Apr-13	37%	378
1A-10-3-1050	Carry out inspection and sealing of Subgrade	14-Mar-13	1	14-Mar-13	0%	378
1A-10-3-1060	Sawcut Separation - Trams Ducts Outer Edge	15-Mar-13	1	15-Mar-13	0%	378
1A-10-3-1070	Break out / Excavate to formation of Trams Footprint (2nd cut)	16-Mar-13	1	16-Mar-13	0%	378
1A-10-3-1080	Apply layer (600mm)	16-Mar-13	2	20-Mar-13	0%	378
1A-10-3-1090	Place Sub-base Type 1 (Track)	20-Mar-13	3	21-Mar-13	0%	378
1A-10-3-1100	Drainage and Outlets	20-Mar-13	2	21-Mar-13	0%	388
1A-10-3-1120	Tram Ducts & Chambers	21-Mar-13	4	26-Mar-13	0%	379
1A-10-3-1130	Excavate and Cast OLE Foundations (1 nos)	21-Mar-13	4	26-Mar-13	0%	378

Page 48 of 116

Legend:
█ Actual Work
█ Critical Remaining Work
█ Remaining Work
◆ Milestone
◆ % Complete
▬ Summary

Date: 11-Mar-11
 Revision: EITN Updated Programme - Progress to 18 Mar 11
 Checked: JAC
 Approved:

Activity ID	Activity Name	Start	Complete Duration	Final	Activity % Complete	Total Float
1A-10-3-1150	Prepare and check suitability of Formation.	22-Mar-13	3	26-Mar-13	0%	378
1A-10-3-1140	Lay SL Duct to OLE	25-Mar-13	2	26-Mar-13	0%	381
1A-10-3-1160	Track Improvement Layer	01-Apr-13	4	01-Apr-13	0%	376
1A-10-3-1170	Installation of IMU Drains and Cable Ducting	26-Mar-13	3	28-Mar-13	0%	379
1A-10-3-1180	Kerbing	05-Apr-13	2	08-Apr-13	0%	378
1A-10-3-1150	Footpath Works	05-Apr-13	3	10-Apr-13	0%	375
TRACK INSTALLATION						
1A-10-3-1200	Access Available for Track Laying	02-Apr-13	0	02-Apr-13	0%	378
1A-20A-TR(Ch 70, 1210)	Set up track (sleepers) - 1 x 45m	02-Apr-13	6	08-Apr-13	0%	378
1A-10-3-1200	Welding and grinding	04-Apr-13	2	05-Apr-13	0%	379
1A-10-3-1200	Drainage / Rail Connections	04-Apr-13	2	05-Apr-13	0%	379
1A-10-3-1200	185mm Concrete Supporting Layer	04-Apr-13	3	08-Apr-13	0%	378
1A-10-3-1240	Final Rail Alignment - Check and Approve	05-Apr-13	1	05-Apr-13	0%	378
1A-10-3-1250	Installation of IMU Boxes and Loops	05-Apr-13	1	05-Apr-13	0%	375
TRACKWORK PAVEMENT (BETWEEN AND OUTWITH RAILS)						
1A-10-3-1270	110mm Roadbase	06-Apr-13	3	11-Apr-13	0%	413
1A-10-3-1280	55mm Basecourse	10-Apr-13	1	10-Apr-13	0%	412
1A-10-3-1200	35mm Wearing Course	11-Apr-13	1	11-Apr-13	0%	413
SURFACING						
1A-10-3-1300	200mm Sub-base	08-Apr-13	1	08-Apr-13	0%	412
1A-10-3-1310	225mm Base	10-Apr-13	1	10-Apr-13	0%	412
1A-10-3-1320	60mm Blinder Course	11-Apr-13	1	11-Apr-13	0%	412
1A-10-3-1330	35mm Surface Course - Main Camberway and Boundary	12-Apr-13	1	12-Apr-13	0%	412
ROAD FINISHING						
1A-10-3-1340	Paradeys, Guard rails	09-Apr-13	3	11-Apr-13	0%	376
1A-10-3-1350	Road Signs and Markings	11-Apr-13	1	11-Apr-13	0%	378
1A-10-3-1360	Landscapeing	11-Apr-13	0	11-Apr-13	0%	375
1A-10-3-1370	Divert traffic onto Outbound	11-Apr-13	0	11-Apr-13	0%	378
INBOUND						
1A-10-3-1400	Remove existing footway	12-Apr-13	25	24-May-13	0%	375
1A-10-3-1410	Plane out existing surfacing over Trame Footprint (1st cut)	12-Apr-13	1	12-Apr-13	0%	378
1A-10-3-1420	Carry out inspection and testing of Subgrade	15-Apr-13	1	15-Apr-13	0%	378
1A-10-3-1430	Sawcut Separation - Trame Ducts Outer Edge	16-Apr-13	1	16-Apr-13	0%	378
1A-10-3-1440	Break out / Excavate to formation of Trame Footprint (2nd cut)	17-Apr-13	6	24-Apr-13	0%	375
1A-10-3-1460	Capping layer (800mm)	18-Apr-13	6	25-Apr-13	0%	388
1A-10-3-1450	Place Sub-base Type 1 (Track)	18-Apr-13	6	25-Apr-13	0%	388
1A-10-3-1470	Damage and Outlets	18-Apr-13	3	23-Apr-13	0%	378
1A-10-3-1480	Tram Ducts & Chambers	19-Apr-13	4	24-Apr-13	0%	380
1A-10-3-1490	Excavate and Cast OLE Foundations (1 nos)	19-Apr-13	4	24-Apr-13	0%	380
1A-10-3-1500	Lay SL Duct to OLE	23-Apr-13	3	24-Apr-13	0%	383
1A-10-3-1510	Prepare and check suitability of Formation	24-Apr-13	3	26-Apr-13	0%	375
1A-10-3-1520	Track Improvement Layer	26-Apr-13	4	01-May-13	0%	375
1A-10-3-1530	Installation of IMU Drains and Cable Ducting	26-Apr-13	3	30-Apr-13	0%	384
1A-10-3-1540	Kerbing	10-May-13	1	10-May-13	0%	375

Page 49 of 116

Legend:
█ Actual Work
█ Critical Remaining Work
█ Remaining Work
█ Milestone
█ % Complete
█ Summary

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

Activity ID	Activity Name	Start	Complete Duration	Final	Activity % Complete	Ytd Plan
1A-10-3-1950	Footpath Works	12-May-13	5 17-May-13		0%	378
TRACK INSTALLATION						
1A-10-3-1950	Access Available for Track Laying	02-May-13	7 13-May-13		378	
1A-205-TRC(10,1570)	Set Up track (temporary) - 1.45m + mob	02-May-13	0		0%	378
1A-10-3-1950	Welding and grinding	02-May-13	7 13-May-13		0%	378
1A-10-3-1950	Drainage / Rail Connections	07-May-13	2 08-May-13		0%	378
1A-10-3-1620	185mm Concrete Supporting Layer	07-May-13	2 08-May-13		0%	378
1A-10-3-1600	Final Rail Alignment - Check and Approve	08-May-13	1 08-May-13		0%	378
1A-10-3-1610	Installation of IM, Blues and Loops	08-May-13	1 08-May-13		0%	378
TRACKWORK PAVEMENT (BEFORE AND OUTWITH RAILS - IN/OUTBOUND)						
1A-10-3-1620	110mm Roadbase	10-May-13	3 14-May-13		378	
1A-10-3-1640	55mm Barcourse	10-May-13	1 10-May-13		0%	381
1A-10-3-1650	35mm Wearing Course	13-May-13	1 13-May-13		0%	382
SURFACING						
1A-10-3-1660	220mm Sub-base	10-May-13	7 20-May-13		378	
1A-10-3-1670	225mm Base	10-May-13	1 10-May-13		0%	381
1A-10-3-1680	60mm Binder Course	13-May-13	1 13-May-13		0%	381
1A-10-3-1690	35mm Surface Course - Main Carrivageway and Boundary	14-May-13	1 14-May-13		0%	378
ROAD FINISHING						
1A-10-3-1710	Installation of traffic light control - Junction 15 (1)	20-May-13	10 24-May-13		378	
1A-10-3-1720	Parapets, Guard rails	13-May-13	7 21-May-13		0%	380
1A-10-3-1740	Landscape	13-May-13	1 13-May-13		0%	380
1A-10-3-1720	Grid Rail Joint and Sealing Compound	14-May-13	0 14-May-13		0%	380
1A-10-3-1730	Road Signs and Markings	21-May-13	2 23-May-13		0%	378
1A-10-3-1750	Remove temporary traffic management	23-May-13	1 23-May-13		0%	378
1A-10-3-1760	TRACKROAD WORKS COMPLETE (CH - 110.025-110.075)	24-May-13	1 24-May-13		0%	378
COMMISSIONING AND TESTING						
1A-10-3-TEST-100	Handover / Acceptance of Roadworks and Trackworks	24-May-13	5 03-Jun-13		0%	378
1A-10-3-TEST-110	Start remaining EDM works along track	04-Jun-13	0		0%	378
TTM PHASE (10-2) GREAT JUNCTION STODRUE ST. TO BE INTEGRATED INTO FOOT OF THE						
1A-TTM-10-2-1000	TTM PHASE (10-2) - Road closed (Ch. - 110.035-110.060)	04-Feb-13	25 11-Mar-13		0%	458
1A-TTM-10-2-1010	TTM PHASE (10-2) COMPLETE	04-Feb-13	0 04-Feb-13		0%	378
TEMPORARY AND PRELIMINARY WORKS						
1A-10-2-1000	Establish temporary traffic management	04-Feb-13	3 03-Feb-13		378	
1A-10-2-1010	Site clearance	04-Feb-13	1 04-Feb-13		0%	378
1A-10-2-1020	Investigate services / utility positions / inlets/oulets positions / levels	05-Feb-13	1 05-Feb-13		0%	378
1A-10-2-1030	COMMENCE ROAD WORKS (Ch. - 110.035-110.060)	05-Feb-13	1 05-Feb-13		0%	378
INBOUND						
1A-10-2-1050	CARRIAGEWAY/FOOTWAY SUBGRADE	07-Feb-13	17 01-Mar-13		378	
1A-10-2-1060	Remove existing footway	07-Feb-13	1 07-Feb-13		0%	378
1A-10-2-1070	Place out existing surfacing (1st cut)	08-Feb-13	1 08-Feb-13		0%	378
1A-10-2-1080	Carry out inspection and testing of Subgrade	11-Feb-13	1 11-Feb-13		0%	378
1A-10-2-1090	Break Out / Excavate to formation of TBM Footprint (2nd cut)	12-Feb-13	2 13-Feb-13		0%	378
1A-10-2-1000	Capping layer (600mm)	13-Feb-13	2 14-Feb-13		0%	382
1A-10-2-1100	Drainage and Outlets	14-Feb-13	2 15-Feb-13		0%	380

Page 50 of 116

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

Date: 11-Mar-11
 Revision: EITN Updated Programme - Progress to 18 Mar 11
 Checked: JAC
 Approved:

Activity ID	Activity Name	Start	Original Duration	Final	Activity % Complete	Year
1A-10-1-1190	Set up track (steepenside) - 1 x 95m	02-Nov-12	4	07-Nov-12	0%	2012
1A-10-1-1200	Welding and grinding	06-Nov-12	3	08-Nov-12	0%	2012
1A-10-1-1210	Drainage/Rail Connections	06-Nov-12	3	08-Nov-12	0%	2012
1A-10-1-1240	150mm Concrete Supporting Layer	06-Nov-12	6	10-Nov-12	0%	2012
1A-10-1-1230	Installation of IMU Boxes and Loops	07-Nov-12	1	07-Nov-12	0%	2012
1A-10-1-1220	Final Rail Alignment - Check and Approve	08-Nov-12	1	08-Nov-12	0%	2012
TRACKWORK PAVEMENT (BETWEEN AND OUTWITH RAILS)						
1A-10-1-1250	110mm Roadbase	14-Nov-12	1	14-Nov-12	0%	2012
1A-10-1-1260	50mm Basecourse	15-Nov-12	1	15-Nov-12	0%	2012
1A-10-1-1270	35mm Wearing Course	16-Nov-12	1	16-Nov-12	0%	2012
SURFACING						
1A-10-1-1280	220mm Sub-base	14-Nov-12	4	18-Nov-12	0%	2012
1A-10-1-1290	225mm Base	15-Nov-12	1	15-Nov-12	0%	2012
1A-10-1-1300	60mm Binder Course	16-Nov-12	1	16-Nov-12	0%	2012
1A-10-1-1310	35mm Surface Course - Main Carrisageway and Boundary	18-Nov-12	1	18-Nov-12	0%	2012
ROAD FINISHING						
1A-10-1-1350	Landscaping	14-Nov-12	7	22-Nov-12	0%	2012
1A-10-1-1320	Parapets, Guard rails	14-Nov-12	0	14-Nov-12	0%	2012
1A-10-1-1330	Grind Rail Joints and Sealing Compound	14-Nov-12	0	14-Nov-12	0%	2012
1A-10-1-1340	Road Signs and Markings	20-Nov-12	2	21-Nov-12	0%	2012
1A-10-1-1360	Direct traffic onto Outbound	23-Nov-12	1	23-Nov-12	0%	2012
1A-10-1-1380	Divert traffic onto Outbound	23-Nov-12	0	23-Nov-12	0%	2012
INBOUND						
TRACK IMPROVEMENT-CARRIAGEWAY/FOOTWAY SUBGRADE						
1A-10-1-1380	Remove existing footway	23-Nov-12	32	18-Jan-13	37%	2013
1A-10-1-1390	Plane out existing surfacing over Trams Footprint (1st cut)	23-Nov-12	1	23-Nov-12	0%	2012
1A-10-1-1400	Plane out existing surfacing over Trams Footprint (1st cut)	26-Nov-12	1	26-Nov-12	0%	2012
1A-10-1-1410	Carry out inspection and testing of Subgrade	27-Nov-12	1	27-Nov-12	0%	2012
1A-10-1-1410	Sawcut Separation - Trams Ducts Outer Edge	27-Nov-12	1	27-Nov-12	0%	2012
1A-10-1-1420	Break Out/Excavate to formation of Trams Footprint (2nd cut)	28-Nov-12	3	30-Nov-12	0%	2012
1A-10-1-1430	Capping layer (600mm)	28-Nov-12	3	03-Dec-12	0%	2012
1A-10-1-1440	Rise Sub-base Type 1 (Track)	28-Nov-12	3	03-Dec-12	0%	2012
1A-10-1-1450	Drainage and Outfalls	30-Nov-12	2	03-Dec-12	0%	2012
1A-10-1-1460	Tram Ducts & Chambers	30-Nov-12	4	05-Dec-12	0%	2012
1A-10-1-1470	Excavate and Cast OLE Foundations (2 way)	30-Nov-12	7	10-Dec-12	0%	2012
1A-10-1-1480	Lay SL Duct to OLE	04-Dec-12	5	10-Dec-12	0%	2012
1A-10-1-1460	Prepare and check suitability of Formation	06-Dec-12	3	10-Dec-12	0%	2012
1A-10-1-1500	Track Improvement Layer	10-Dec-12	7	18-Dec-12	0%	2012
1A-10-1-1510	Installation of IMU, Drains and Cable Ducting	10-Dec-12	4	13-Dec-12	0%	2012
1A-10-1-1520	Keelring	15-Jan-13	2	16-Jan-13	0%	2013
1A-10-1-1530	Footpath Works	16-Jan-13	3	18-Jan-13	0%	2013
TRACK INSTALLATION						
1A-10-1-1540	Access Available for Track Laying	19-Dec-12	0	19-Dec-12	0%	2012
1A-10-1-1550	Set up track (steepenside) - 1 x 95m	19-Dec-12	4	31-Dec-12	0%	2012
1A-10-1-1560	Welding and grinding	21-Dec-12	6	10-Jan-13	0%	2013
1A-10-1-1570	Drainage/Rail Connections	21-Dec-12	6	10-Jan-13	0%	2013
1A-10-1-1600	150mm Concrete Supporting Layer	21-Dec-12	6	14-Jan-13	0%	2013

Page 52 of 116

11-Mar-11

ETN Updated Programme - Progress to 18 Mar 11

Revision

JAC

Checked

Approved

Actual Work

Remaining Work

Critical Remaining Work

Milestone

% Complete

Summary

Activity ID	Activity Name	Start	Original Duration	Final	Activity % Complete	Year
1A-10-1-1560	Installation of IMU Boxes and Loops	31-Dec-12	1	31-Dec-12	0%	2012
1A-10-1-1580	Final Rail Alignment - Checks and Approve	10-Jan-13	1	10-Jan-13	0%	2013
TRACKWORK PAVEMENT (BETWEEN AND OUTWITH RAILS - INOUTBOUND)						
1A-10-1-1610	110mm Roadbase	15-Jan-13	3	17-Jan-13	33%	2013
1A-10-1-1620	55mm Basecourse	15-Jan-13	1	15-Jan-13	0%	2013
1A-10-1-1630	35mm Wearing Course	17-Jan-13	1	17-Jan-13	0%	2013
SURFACING						
1A-10-1-1640	220mm Sub-base	15-Jan-13	1	15-Jan-13	0%	2013
1A-10-1-1650	25mm Base	15-Jan-13	1	15-Jan-13	0%	2013
1A-10-1-1660	60mm Binder Course	17-Jan-13	1	17-Jan-13	0%	2013
1A-10-1-1670	35mm Surface Course - Main Carriageway and Boundary	21-Jan-13	1	21-Jan-13	0%	2013
ROAD FINISHING						
1A-10-1-1680	Installation of traffic light control - Junction 15	17-Jan-13	5	23-Jan-13	0%	2013
1A-10-1-1680	Parapets, Guard rails	17-Jan-13	1	17-Jan-13	0%	2013
1A-10-1-1720	Landscaping	18-Jan-13	0	18-Jan-13	0%	2013
1A-10-1-1730	Grid Rail Joint and Sealing Compound	22-Jan-13	2	23-Jan-13	0%	2013
1A-10-1-1710	Road Signs and Markings	24-Jan-13	1	24-Jan-13	0%	2013
1A-10-1-1720	Remove temporary traffic management	25-Jan-13	1	25-Jan-13	0%	2013
1A-10-1-1740	TRACKROADWORKS COMPLETE (CH - 2645-110000)	0	0	25-Jan-13	0%	2013
COMMISSIONING AND TESTING						
1A-10-1-TEST-100	Handover Acceptance of Roadworks and Trackworks	26-Jan-13	5	01-Feb-13	0%	2013
1A-10-1-TEST-110	Start remaining EDM works along track	04-Feb-13	0	0	0%	2013
FOOT OF THE WALK TRAM STOP						
1B-20-TRMS-20(3)	Order REC Supply	25-Mar-09	0	25-Mar-09	100%	2009
1A-10-1-TS-1010	Ducting and Chambers	11-Oct-12	40	05-Dec-12	0%	2012
1A-10-1-TS-1000	COMMENCE FOOT OF THE WALK TRAM STOP (Design available)	11-Oct-12	0	0	0%	2012
1A-10-1-TS-1020	Tramstop Platform	26-Oct-12	50	16-Jan-13	0%	2013
1B-20-TRMS-50(3)	Access for visual inspection for EMU Train Stop installation (01B Foot of the Walk)	01-Jan-13	0	0	0%	2013
1A-10-1-TS-1030	FOOT OF THE WALK TRAM STOP - CIVIL WORKS COMPLETE	0	0	16-Jan-13	0%	2013
1A-10-1-TS-1040	Deliver and Install Tramstop Shelter (tsa)	17-Jan-13	0	17-Jan-13	0%	2013
1A-10-1-TS-1050	Start remaining EDM works on Tramstop	17-Jan-13	0	17-Jan-13	0%	2013
1B-20-TRMS-40(3)	Deliver and Install shelter	17-Jan-13	10	30-Jan-13	0%	2013
1B-20-TRMS-11(3)	Access for EMU Train Stop installation (01B Foot of the Walk)	05-Jan-13	0	0	0%	2013
1B-20-TRMS-45	Deliver and Install outside	06-Jul-13	10	22-Jul-13	0%	2013
1B-20-TRMS-50(3)	Install LV Power Supply and LV Power Equipment	25-Jul-13	25	27-Aug-13	0%	2013
1B-20-TRMS-70(3)	Install Telecom Equipment	27-Aug-13	30	30-Sep-13	0%	2013
1B-20-TRMS-60(3)	Install Station Control Equipment + AFC Equipment	27-Aug-13	25	01-Oct-13	0%	2013
1B-20-TRMS-80(3)	Site Acceptance Test Tramstop	01-Oct-13	5	08-Oct-13	0%	2013
31B Foot of the Walk (inc to McDonald Road (exc))						
21	01B Foot of the Walk (inc) to McDonald Road (exc)	15-Jul-08	1577	22-Feb-14	47.65%	2014
21	01B Foot of the Walk (inc) to McDonald Road (exc)	15-Jul-08	2667	25-Feb-14	47.65%	2014
ALICE A & LILIES COMPLETIONS						
1B-20-A-0040	Foot of the Walk to Balfour Street - by letter 6261 (06/10/10)	14-Mar-11	0	14-Mar-11	0%	2011
1B-19-A-0020	Balfour Street to McDonald Road - by letter 6261 (06/10/10)	18-Mar-11	0	18-Mar-11	0%	2011
E & M Installation						
1B-20-0-HLE-30	Access for visual inspection for EMU upgrade installation FLOW - BFS	03-Sep-13	0	03-Sep-13	0%	2013

Page 53 of 116

Approved

Checked

Revision

11-Mar-11

ETN Updated Programme - Progress to 18 Mar 11

JAC

Actual Work

Remaining Work

Critical Remaining Work

Milestone

% Complete

Summary

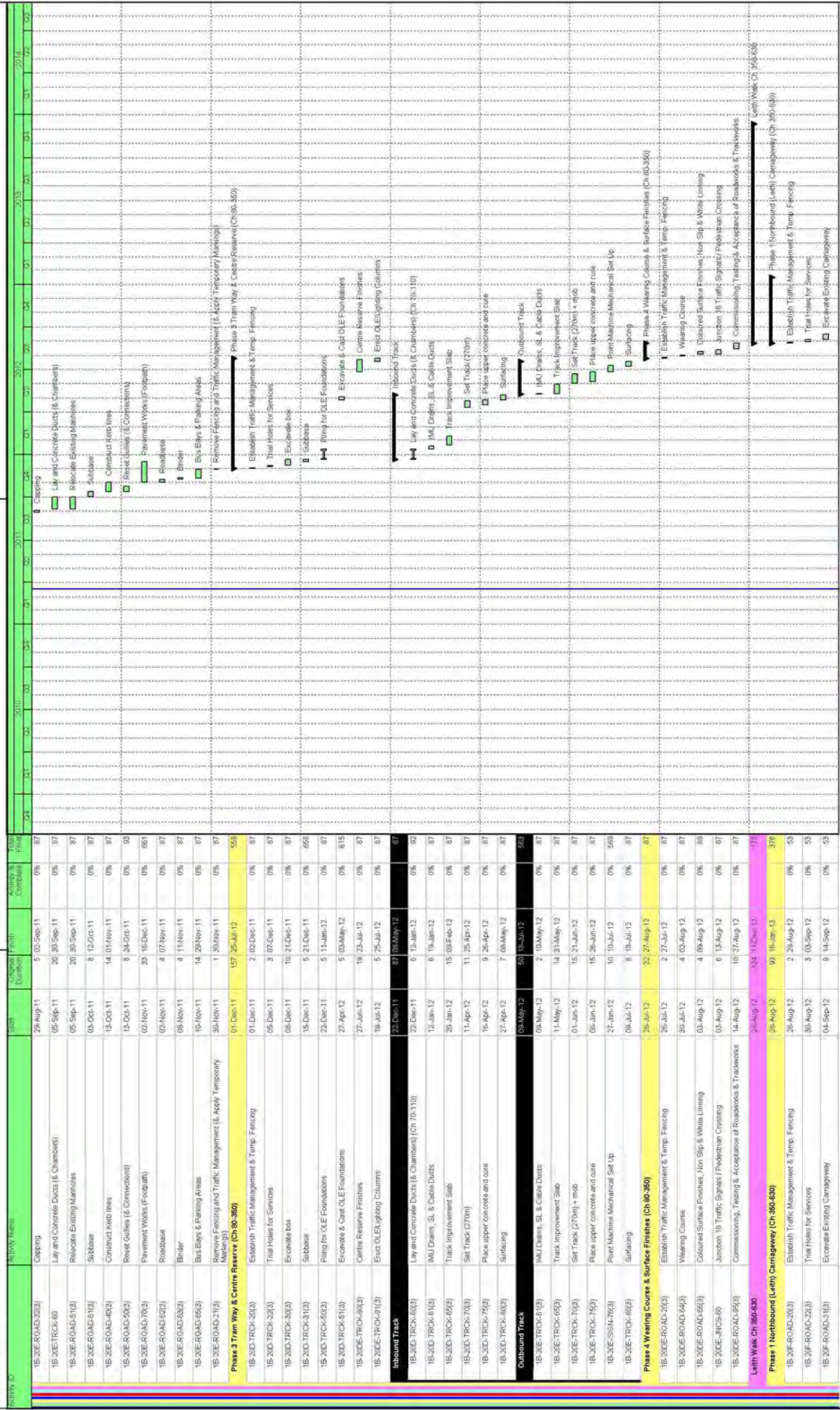
Activity ID	Activity Name	Start	Original Duration	Activity % Complete	Activity % Complete	Year
1B-20-ELEC-30	Access for visual inspection to cable pits for cable laying FOW - BFS	02-Oct-13	0	0%	25%	2013
1B-19-ELEC-30	Access for visual inspection to cable pits for cable laying BFS - MCR	02-Oct-13	0	0%	22%	2013
1B-20-OHLE-31	Access for EAM works - installation FOW - BFS	03-Oct-13	0	0%	20%	2013
1B-1720-ELEC-80	Install Electrical Cables LHM - CAE	01-Nov-13	18	27%	16%	2013
1B-19-ELEC-31	Access to cable pits for cable laying BFS - MCR	01-Nov-13	0	0%	18%	2013
1B-20-21-TELC-50	Install Fibre Optic Cables BER - FOW - BFS	01-Nov-13	5	07%	19%	2013
1B-20-SIGN-60	Install Signaling Wayside Equipment FOW - BFS	01-Nov-13	6	08%	19%	2013
1B-20-ELEC-31	Access to cable pits for cable laying FOW - BFS	01-Nov-13	0	0%	17%	2013
1B-19-20-TELC-70	Install Fibre Optic Cables FOW - BFS - MCR	08-Nov-13	6	13%	19%	2013
1B-19-SIGN-60	Install Signaling Wayside Equipment BFS - MCR	11-Nov-13	6	18%	19%	2013
1B-20-SIGN-60	Installation of SIG-intensifying cabinet Leith Walk	15-Nov-13	15	05%	17%	2013
1B-20-SIGN-80	Installation of SIG equipment on crosswalk Leith Walk	28-Nov-13	5	05%	18%	2013
1B-20-SIGN-80	Commissioning of SIG-intensifying cabinet Leith Walk	06-Dec-13	5	13%	17%	2013
1B-19-OHLE-30	Access for visual inspection for EAM works installation BFS - MCR	06-Dec-13	0	0%	17%	2013
1B-19-OHLE-31	Access for EAM works installation BFS - MCR	26-Jan-14	0	0%	0	2014
1B-19-20-OHLE-50(3)	Installation of poles and building fittings - 8 (11 0227 - 11 0971)	26-Jan-14	5	24%	14%	2014
1B-19-20-OHLE-60(3)	Overhead Catenary Line - 6 (11 0227 - 11 0971)	27-Jan-14	10	07%	14%	2014
Foot of the walk (inc 10 Balmuir Street (exc))						
22	Foot of the walk (inc 10 Balmuir Street (exc))	18-Sep-08 A	256	46%	254	2008
12130	Issue Construction Drawings (Road & Track Works)	18-Sep-08 A	0	100%		2008
Road & Track Works						
Phase 1 Northbound (Leith) Carriageway (Ch 80-360)						
1B-20-ROAD-1(1)(3)	Assumed issue of the Change Order EOD to IFC	15-Mar-11	108	22%	74%	2011
1B-20-ROAD-2(1)(3)	Establish Traffic Management & Temp. Fencing	15-Mar-11	0	0%	87	2011
1B-20-ROAD-2(2)	Trial Holes for Services	15-Apr-11	3	21%	87	2011
1B-20-ROAD-3(1)(3)	Excavate Existing Carriageway	25-Apr-11	8	65%	87	2011
1B-20-ROAD-3(2)	Excavate Existing Kerbs	27-Apr-11	3	29%	120	2011
1B-20-ROAD-3(2)	Capping	03-May-11	5	68%	87	2011
1B-20-ROAD-4(1)(3)	Lay and Concrete Duris (& Chambers)	10-May-11	20	07%	87	2011
1B-20-ROAD-4(1)(3)	Relocate Existing Manholes	10-May-11	20	07%	87	2011
1B-20-ROAD-4(1)(3)	Subbase	08-Jun-11	8	17%	87	2011
1B-20-ROAD-4(1)(3)	Construct Kerb lines	20-Jun-11	14	07%	87	2011
1B-20-ROAD-5(1)(3)	Reset Cullies (& Connections)	20-Jun-11	12	65%	88	2011
1B-20-ROAD-7(1)(3)	Pavement Works (Footpath)	08-Jul-11	31	20%	74%	2011
1B-20-ROAD-6(2)	Roadbase	08-Jul-11	4	13%	87	2011
1B-20-ROAD-6(2)	Blind	14-Jul-11	4	19%	87	2011
1B-20-ROAD-6(2)	Bus Bays & Parking Areas	18-Jul-11	19	11%	87	2011
1B-20-ROAD-1(2)	Remove Fencing and Traffic Management & Apply Temporary Measures	12-Aug-11	1	13%	87	2011
Phase 2 Southbound (City) Carriageway (Ch 80-350)						
1B-20-ROAD-2(3)	Establish Traffic Management & Temp. Fencing	15-Aug-11	2	16%	87	2011
1B-20-ROAD-2(3)	Trial Holes for Services	17-Aug-11	3	16%	87	2011
1B-20-ROAD-3(1)(3)	Excavate Existing Carriageway	22-Aug-11	9	01%	87	2011
1B-20-ROAD-3(1)(3)	Excavate Existing Kerbs	24-Aug-11	3	26%	120	2011

Page 54 of 116

Actual Work Remaining Work % Complete

11-Mar-11 ETN Updated Programme - Progress to 18 Mar 11 JAC Approved

Summary



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

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

Activity ID	Activity Name	Start	Complete Duration	Final	Activity % Complete	Type	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
1B-20E-ROAD-30(3)	Excavate Existing Kerbs	06-Sep-12	3	10-Sep-12	0%	53										
1B-20E-ROAD-32(3)	Capping	11-Sep-12	6	18-Sep-12	0%	53										
1B-20E-TRCK-40	Lay and Concrete Ducts (& Chambers)	18-Sep-12	24	22-Oct-12	0%	53										
1B-20E-ROAD-51(1)	Relocate Existing Manholes	18-Sep-12	20	16-Oct-12	0%	57										
1B-20E-ROAD-51(3)	Subbase	23-Oct-12	8	01-Nov-12	0%	53										
1B-20E-ROAD-40(3)	Construct Hoop lines	02-Nov-12	14	21-Nov-12	0%	53										
1B-20E-ROAD-50(3)	Reset Gullies (& Connections)	02-Nov-12	8	13-Nov-12	0%	59										
1B-20E-ROAD-70(3)	Pavement Works (Footpath)	22-Nov-12	31	18-Jan-13	0%	376										
1B-20E-ROAD-62(3)	Roarbase	22-Nov-12	4	27-Nov-12	0%	53										
1B-20E-ROAD-65(3)	Binder	28-Nov-12	4	03-Dec-12	0%	53										
1B-20E-ROAD-65(3)	Bus Bays & Parking Areas	30-Nov-12	18	07-Jan-13	0%	53										
1B-20E-ROAD-31(3)	Remove Fencing and Traffic Management (& Apply Temporary Measures)	08-Jan-13	1	08-Jan-13	0%	53										
Phase 2 Southbound (City) Carriageway (Ch 380-630)		06-Jan-13	94	22-May-13	321											
1B-20G-ROAD-20	Establish Traffic Management & Temp. Fencing	06-Jan-13	2	10-Jan-13	0%	53										
1B-20G-ROAD-20(3)	Trail Hoops for Services	11-Jan-13	3	15-Jan-13	0%	53										
1B-20G-ROAD-31(3)	Excavate Existing Carriageway	16-Jan-13	8	25-Jan-13	0%	53										
1B-20G-ROAD-30(3)	Excavate Existing Kerbs	18-Jan-13	3	22-Jan-13	0%	50										
1B-20G-ROAD-32(3)	Capping	23-Jan-13	5	29-Jan-13	0%	53										
1B-20G-ROAD-41(3)	Lay and Concrete Ducts (& Chambers)	30-Jan-13	24	04-Mar-13	0%	53										
1B-20G-ROAD-41(3)	Subbase	05-Mar-13	8	14-Mar-13	0%	53										
1B-20G-ROAD-40(3)	Construct Hoop lines	15-Mar-13	14	04-Apr-13	0%	53										
1B-20G-ROAD-50(3)	Reset Gullies (& Connections)	15-Mar-13	9	27-Mar-13	0%	58										
1B-20G-ROAD-70(3)	Pavement Works (Footpath)	05-Apr-13	33	22-May-13	0%	21										
1B-20G-ROAD-42(3)	Roarbase	05-Apr-13	4	10-Apr-13	0%	53										
1B-20G-ROAD-43(3)	Binder	11-Apr-13	4	16-Apr-13	0%	53										
1B-20G-ROAD-65(3)	Bus Bays & Parking Areas	15-Apr-13	22	15-May-13	0%	53										
1B-20G-ROAD-21(3)	Remove Fencing and Traffic Management (& Apply Temporary Measures)	16-May-13	1	16-May-13	0%	53										
Phase 3 Tram Way & Centre Reserve (Ch 380-630)		17-May-13	126	12-Nov-13	199											
1B-20F-TRCK-20(1)	Establish Traffic Management & Temp. Fencing	17-May-13	2	20-May-13	0%	53										
1B-20F-TRCK-22(3)	Trail Hoops for Services	21-May-13	3	23-May-13	0%	53										
1B-20F-TRCK-30(3)	Excavate box	24-May-13	11	10-Jun-13	0%	53										
1B-20F-TRCK-31(3)	Subbase	02-Jun-13	5	10-Jun-13	0%	306										
1B-20F-TRCK-50(3)	Ring for OLE Foundations	11-Jun-13	5	17-Jun-13	0%	53										
1B-20F-TRCK-51(1)	Excavate & Cast OLE Foundations	06-Aug-13	5	15-Aug-13	0%	262										
1B-20FG-TRCK-60(3)	Centre Reserve Finishes	03-Oct-13	29	13-Nov-13	0%	53										
1B-20FG-TRCK-61(3)	Erect OLE Lighting Columns	01-Nov-13	5	07-Nov-13	0%	53										
Inbound Track		18-Jun-13	44	18-Aug-13	53											
1B-20E-TRCK-61(3)	IMU Drains, SL & Cable Ducts	18-Jun-13	6	25-Jun-13	0%	53										
1B-20E-TRCK-65(3)	Track Improvement Slop	26-Jun-13	17	18-Jul-13	0%	43										
1B-20E-TRCK-70(3)	Set Track (27m) + mob	16-Jul-13	14	08-Aug-13	0%	53										
1B-20E-TRCK-75(3)	Place upper concrete and cure	24-Jul-13	11	08-Aug-13	0%	43										
1B-20E-TRCK-80(3)	Surfing	08-Aug-13	7	18-Aug-13	0%	43										
Outbound Track		30-Aug-13	51	31-Oct-13	53											
1B-20G-TRCK-61(3)	IMU Drains, SL & Cable Ducts	20-Aug-13	2	21-Aug-13	0%	43										
1B-20G-TRCK-65(3)	Track Improvement Slop	22-Aug-13	16	12-Sep-13	0%	43										

Page 56 of 116

11-Mar-11

ETN Updated Programme - Progress to 18 Mar 11

Revision

JAC

Checked

Approved

Actual Work

Remaining Work

Critical Remaining Work

Milestone

% Complete

Summary

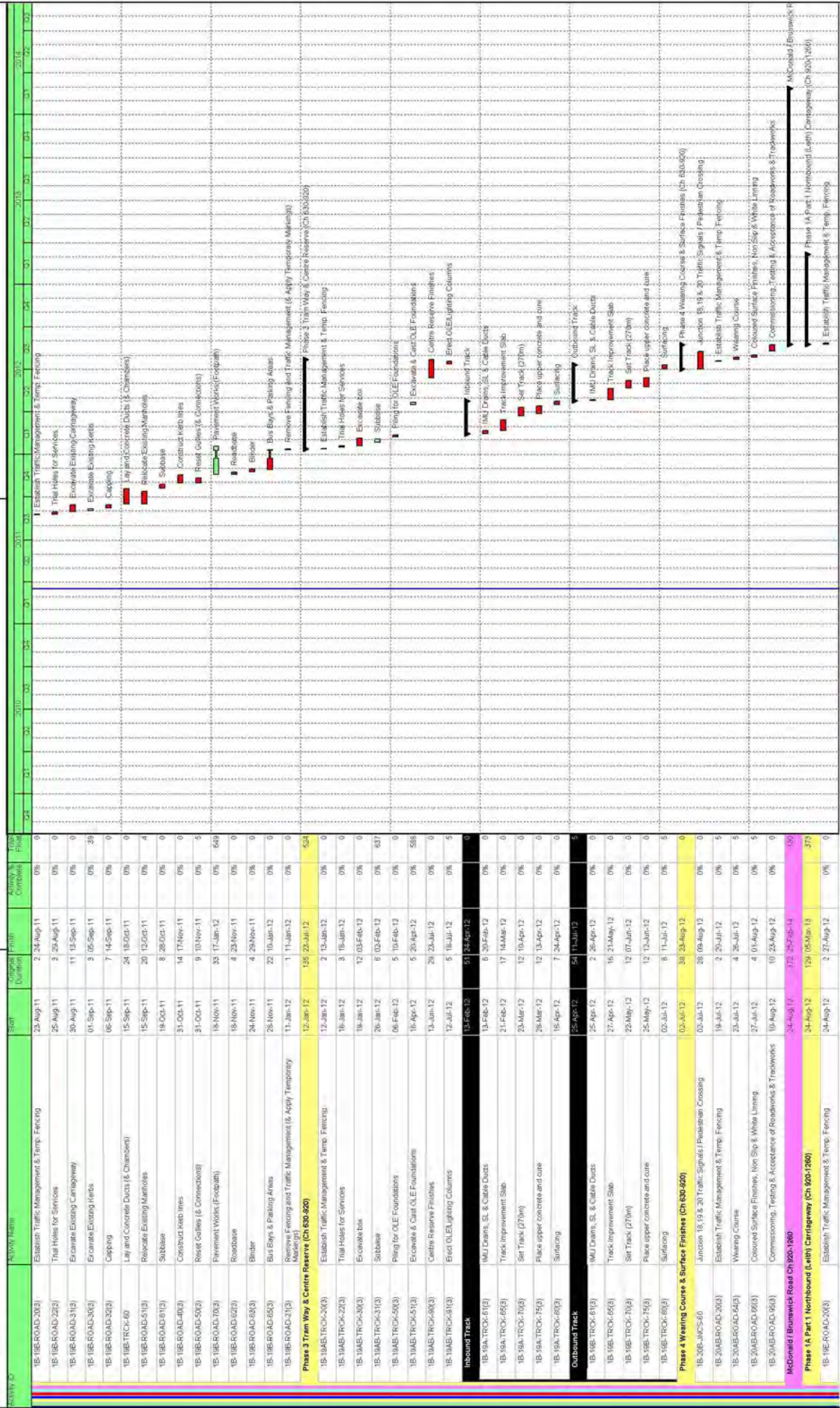
Activity ID	Activity Name	Start	Complete	Final	Activity % Complete	Year
1B-20G-TRCK-70(3)	Sit Track (27m)	15-Sep-13	11	27-Sep-13	0%	55
1B-20G-TRCK-75(2)	Place upper concrete and cure	18-Sep-13	11	03-Oct-13	0%	53
1B-20G-TRCK-80(2)	Surfacing	22-Oct-13	8	31-Oct-13	0%	53
Phase 4 Weaving Course & Surface Finishes (Ch 350-630) 360						
1B-20FG-ROAD-2(5)	Establish Traffic Management & Temp Fencing	05-Nov-13	24	11-Dec-13	0%	53
1B-20FG-ROAD-6(4)	Weaving Course	08-Nov-13	2	14-Nov-13	0%	53
1B-20FG-ROAD-6(4)	Coloured Surface Finishes, Non Slip & White Lining	12-Nov-13	4	15-Nov-13	0%	53
1B-20G-JNCS-60	Junction 17 Traffic Signals / Pedestrian Crossing	18-Nov-13	8	27-Nov-13	0%	53
1B-20FG-ROAD-6(4)	Commissioning, Testing & Acceptance of Roadworks & Trackworks	28-Nov-13	10	11-Dec-13	0%	53
Leith Walk Substation						
1B-20-SUBS-80	Civil Engineering and Building Works	17-Aug-11	65	15-Nov-11	0%	430
1B-20-SUBS-30	Access for visual inspection for EAM Substation installation (01B Leith Walk)	17-Oct-11	0		0%	749
1B-20-SUBS-100	cable duct for Power Infeed	17-Oct-11	5	24-Oct-11	0%	701
1B-20-SUBS-31	Access for EAM Substation installation (01B Leith Walk)	15-Nov-11	0		0%	457
1B-20-SUBS-45	Install HV Power Supply and LV Power Equipment (SP)	24-Nov-11	20	29-Dec-11	0%	422
1B-20-SUBS-50	Initial LV Power Supply and LV Power Equipment	04-Jan-12	15	27-Jan-12	0%	552
1B-20-SUBS-55	Engagement Scottish Power	23-Jan-12	0		0%	645
1B-20-SUBS-40	Power infeed from Public NAT available inc HV cable	24-Jan-12	0		0%	645
1B-20-SUBS-70	Install Telecom and Scada	30-Jan-12	15	17-Feb-12	0%	552
1B-20-SUBS-80	Installation of TPS Equipment	20-Feb-12	30	30-Mar-12	0%	552
1B-20-SUBS-80	Testing and Commissioning	02-Apr-12	14	20-Apr-12	0%	552
Balfour Street (inc) to McDonald Road (exc)						
25	Balfour Street (inc) to McDonald Road (exc)	15-Jul-08 A	2067	25-Feb-14	47.85%	175
Design						
12150	Issue Construction Drawings (Road & Track Works)	10-Sep-08 A	0	10-Sep-08 A	100%	
Road & Track Works						
Balfour Street Ch 630-920						
Phase 1 Northbound (Leith) Carrageway (Ch 630-920)						
1B-19A-ROAD-01(3)	Assumed issue of the Charge Order BCO to IFC	16-Mar-11	114	30-Aug-11	73%	730
1B-19A-ROAD-03(2)	Establish Traffic Management & Temp Fencing	16-Mar-11	0		0%	0
1B-19A-ROAD-2(2)	Trial Holes for Services	15-Apr-11	3	18-Apr-11	0%	0
1B-19A-ROAD-31(3)	Excavate Existing Carrageway	25-Apr-11	11	10-May-11	0%	0
1B-19A-ROAD-30(3)	Excavate Existing Kerbs	27-Apr-11	5	29-Apr-11	0%	38
1B-19A-ROAD-32(2)	Capping	03-May-11	7	11-May-11	0%	0
1B-19A-TRCK-60	Lay and Concrete Duxes (& Channels)	12-May-11	24	15-Jun-11	0%	0
1B-19A-ROAD-51(3)	Relocate Existing Manholes	12-May-11	30	09-Jun-11	0%	4
1B-19A-ROAD-51(3)	Subbase	15-Jun-11	8	27-Jun-11	0%	0
1B-19A-ROAD-60(3)	Construct Kerb lines	28-Jun-11	14	15-Jul-11	0%	0
1B-19A-ROAD-50(3)	Reset Cullies (& Connections)	28-Jun-11	8	07-Jul-11	0%	6
1B-19A-ROAD-70(2)	Pavement Works (Footpath)	15-Jul-11	31	30-Aug-11	0%	728
1B-19A-ROAD-02(3)	Rebase	18-Jul-11	4	21-Jul-11	0%	0
1B-19A-ROAD-63(3)	Brick	22-Jul-11	4	27-Jul-11	0%	0
1B-19A-ROAD-65(3)	Bus Bays & Fencing Heels	26-Jul-11	18	18-Aug-11	0%	0
1B-19A-ROAD-11(3)	Remove Fencing and Traffic Management (& Apply Temporary Mastops)	22-Aug-11	1	22-Aug-11	0%	0
Phase 2 Southbound (City) Carrageway (Ch 630-920)						
02-Aug-11		02-Aug-11	99	17-Jan-12	64%	645

Page 57 of 116

Actual Work Remaining Work Critical Remaining Work % Complete

11-Mar-11 ETN Updated Programme - Progress to 18 Mar 11 JAC Approved

Summary



Page 58 of 116

11-Mar-11

ETN Updated Programme - Progress to 18 Mar 11

Revision

JAC

Checked

Approved

Actual Work

Remaining Work

Critical Remaining Work

Milestone

% Complete

Summary

Activity ID	Activity Name	Start	Complete Duration	Finish	Activity % Complete	Type	2009	2010	2011	2012	2013	2014	2015	2016	2017
1B-1BE-ROAD-2(1)	Trial Holes for Services	26-Aug-12	3	30-Aug-12	0%	0									
1B-1BE-ROAD-3(1)	Excavate Existing Carriageway	31-Aug-12	15	30-Sep-12	0%	0									
1B-1BE-ROAD-3(2)	Excavate Existing Kerbs	04-Sep-12	4	07-Sep-12	0%	63									
1B-1BE-ROAD-2(2)	Capping	07-Sep-12	7	17-Sep-12	0%	0									
1B-1BE-TRCK-60	Lay and Concrete Ducts (& Chambers)	18-Sep-12	20	15-Oct-12	0%	0									
1B-1BE-ROAD-5(1)	Relocate Existing Manholes	18-Sep-12	20	15-Oct-12	0%	31									
1B-1BE-ROAD-6(1)	Subbase	28-Nov-12	6	05-Dec-12	0%	0									
1B-1BE-TRCK-90(1)	Centre Reserve Finishes	28-Nov-12	8	07-Dec-12	0%	429									
1B-1BE-ROAD-4(3)	Construct Verb Lines	05-Dec-12	17	10-Jan-13	0%	0									
1B-1BE-ROAD-5(3)	Rise & Gullies (& Connections)	05-Dec-12	10	18-Dec-12	0%	7									
1B-1BE-ROAD-7(2)	Pavement Works (Footpath)	11-Jan-13	38	05-Mar-13	0%	373									
1B-1BE-ROAD-2(2)	Roarbase	11-Jan-13	4	15-Jan-13	0%	0									
1B-1BE-ROAD-3(3)	Binder	21-Jan-13	4	24-Jan-13	0%	0									
1B-1BE-ROAD-1(3)	Remove Fencing and Traffic Management (& Apply Temporary Measures)	25-Jan-13	1	25-Jan-13	0%	0									
Inbound Track Ch 1100-1200 ex McDonald															
1B-1WE-TRCK-3(1)	Subbase	16-Oct-12	51	18-Jan-13	0%	0									
1B-1WE-TRCK-3(2)	Subbase	16-Oct-12	2	17-Oct-12	0%	0									
1B-1WE-TRCK-5(3)	Piling for OLE Foundations	18-Oct-12	4	23-Oct-12	0%	0									
1B-1WE-TRCK-5(1)	Excavate & Cast OLE Foundations	24-Oct-12	4	29-Oct-12	0%	0									
1B-1WE-TRCK-6(1)	MU Drains, SL & Cable Ducts	30-Oct-12	9	01-Nov-12	0%	0									
1B-1WE-TRCK-6(2)	Track Improvement Sub	03-Nov-12	10	15-Nov-12	0%	0									
1B-1WE-TRCK-7(2)	Set Track	16-Nov-12	5	23-Nov-12	0%	0									
1B-1WE-TRCK-7(3)	Place upper concrete and cure	21-Nov-12	5	27-Nov-12	0%	0									
1B-1WE-TRCK-8(3)	Surfing	17-Jan-13	2	18-Jan-13	0%	0									
Phase 1A Panz Hornbound (Leith) Carriageway (Ch 200-200)															
1B-1BE2-ROAD-2(1)	Establish Traffic Management & Temp. Fencing	28-Jan-13	29	06-Mar-13	372	0									
1B-1BE2-ROAD-2(3)	Trial Holes for Services	28-Jan-13	1	28-Jan-13	0%	0									
1B-1BE2-ROAD-3(1)	Excavate Existing Carriageway	30-Jan-13	2	31-Jan-13	0%	0									
1B-1BE2-ROAD-3(3)	Excavate Existing Kerbs	01-Feb-13	1	01-Feb-13	0%	16									
1B-1BE2-ROAD-3(2)	Capping	01-Feb-13	2	04-Feb-13	0%	0									
1B-1BE2-ROAD-4(1)	Lay and Concrete Ducts (& Chambers)	05-Feb-13	3	07-Feb-13	0%	0									
1B-1BE2-ROAD-6(1)	Subbase	16-Feb-13	2	20-Feb-13	0%	0									
1B-1BE2-TRCK-4(2)	Centre Reserve Finishes	16-Feb-13	4	22-Feb-13	0%	2									
1B-1BE2-ROAD-4(3)	Construct Verb Lines	21-Feb-13	1	21-Feb-13	0%	3									
1B-1BE2-ROAD-5(3)	Rise & Gullies (& Connections)	21-Feb-13	4	25-Feb-13	0%	0									
1B-1BE2-ROAD-7(3)	Pavement Works (Footpath)	23-Feb-13	5	28-Feb-13	0%	372									
1B-1BE2-ROAD-6(3)	Roarbase	27-Feb-13	2	28-Feb-13	0%	0									
1B-1BE2-ROAD-6(3)	Binder	04-Mar-13	2	05-Mar-13	0%	0									
1B-1BE2-ROAD-2(1)	Remove Fencing and Traffic Management (& Apply Temporary Measures)	05-Mar-13	1	05-Mar-13	0%	0									
Inbound Track crossing McDonald Rd.															
1B-1WE-TRCK-3(1)	Subbase	01-Feb-13	27	01-Mar-13	0%	0									
1B-1WE-TRCK-6(1)	MU Drains, SL & Cable Ducts	01-Feb-13	2	04-Feb-13	0%	3									
1B-1WE-TRCK-6(1)	Track Improvement Sub	08-Feb-13	1	08-Feb-13	0%	0									
1B-1WE-TRCK-6(1)	Set Track - mnb	11-Feb-13	3	13-Feb-13	0%	0									
1B-1WE-TRCK-7(3)	Place upper concrete and cure	14-Feb-13	6	21-Feb-13	0%	0									
1B-1WE-TRCK-7(3)	Surfing	15-Feb-13	2	18-Feb-13	0%	0									
1B-1WE-TRCK-8(3)	Surfing	01-Mar-13	1	01-Mar-13	0%	0									

Page 59 of 116

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

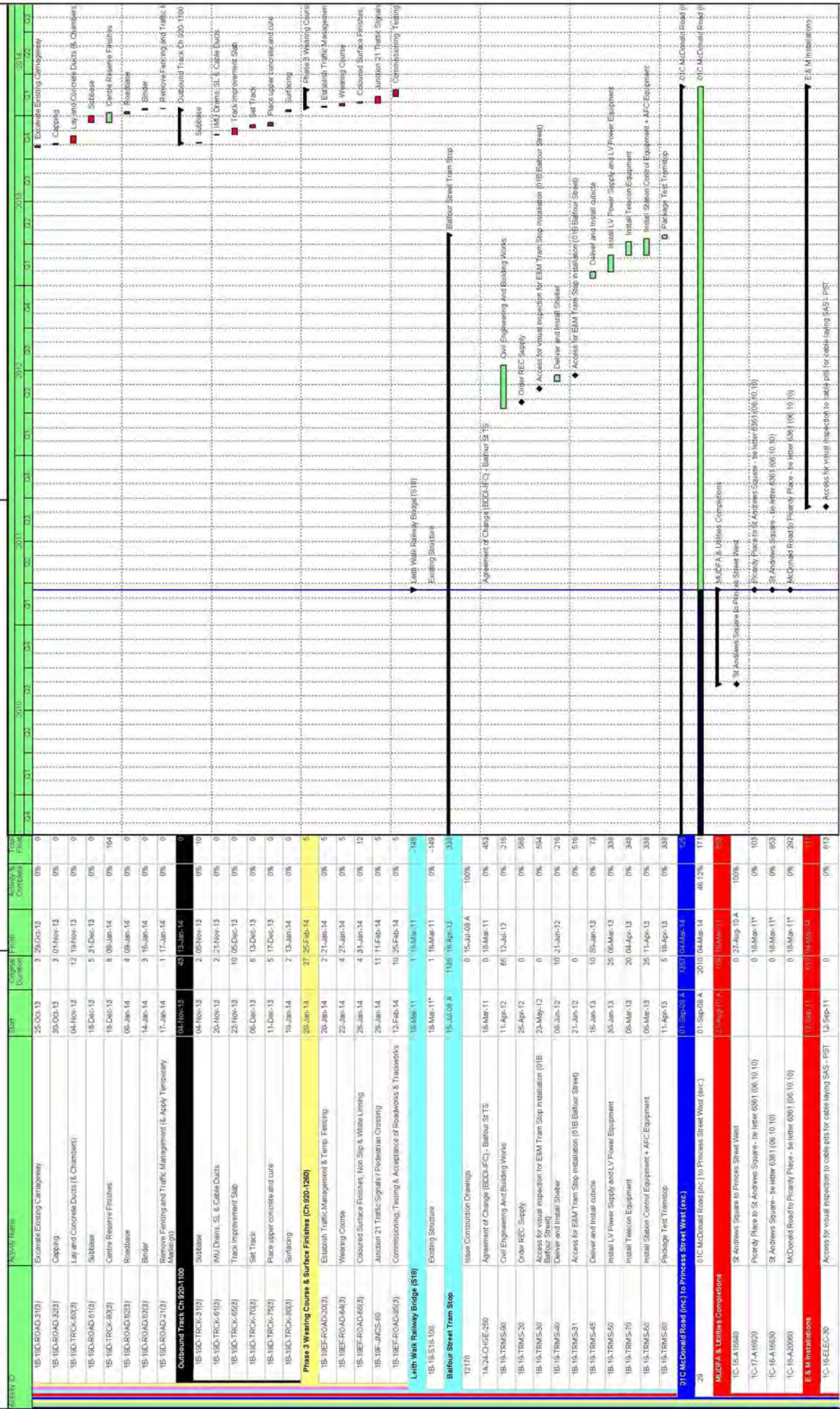
Date: 11-Mar-11
 Revision: EITN Updated Programme - Progress to 18 Mar 11
 Checked: JAC
 Approved:

Activity ID	Activity Name	Start	Original Duration	Final	Activity % Complete	Task
Phase 1B Northbound (Lath) Carriageway (Ch 920-1260)						
1B-19C-ROAD-2(1)	Establish Traffic Management & Temp. Fencing	07-Mar-13	72	18-Jun-13	300	
1B-19C-ROAD-2(2)	Trail Holes for Services	07-Mar-13	1	07-Mar-13	0%	
1B-19C-ROAD-3(1)	Excavate Existing Carriageway	08-Mar-13	3	13-Mar-13	0%	
1B-19C-ROAD-3(2)	Capping	11-Mar-13	2	15-Mar-13	0%	
1B-19C-ROAD-6(1)	Lay and Concrete Ducts (& Chambers)	26-Mar-13	20	25-Apr-13	0%	
1B-19C-ROAD-6(2)	Subbase	30-May-13	5	05-Jun-13	0%	
1B-19C-ROAD-8(1)	Centre Reserve Finishes	30-May-13	8	10-Jun-13	0%	
1B-19C-ROAD-8(2)	Roadbase	06-Jun-13	4	11-Jun-13	0%	
1B-19C-ROAD-9(1)	Binder	14-Jun-13	3	18-Jun-13	0%	
1B-19C-ROAD-11(1)	Remove Fencing and Traffic Management (& Apply Temporary Messages)	19-Jun-13	1	19-Jun-13	0%	
Inbound Track Ch 920-1100						
1B-19C-TRCK-3(1)	Subbase	20-Mar-13	57	13-Jun-13	0%	
1B-19C-TRCK-3(2)	Piling for OLE Foundations	20-Mar-13	2	21-Mar-13	0%	
1B-19C-TRCK-5(1)	Excavate & Cast OLE Foundations	22-Mar-13	4	27-Mar-13	0%	
1B-19C-TRCK-6(1)	MU Drains, SL & Cable Ducts	26-Mar-13	4	03-Apr-13	0%	
1B-19C-TRCK-6(2)	Track Improvement Sub	26-Apr-13	2	29-Apr-13	0%	
1B-19C-TRCK-7(1)	Set Track	30-Apr-13	10	14-May-13	0%	
1B-19C-TRCK-7(2)	Place upper concrete and cure	15-May-13	6	23-May-13	0%	
1B-19C-TRCK-7(3)	Surfing	20-May-13	7	25-May-13	0%	
1B-19C-TRCK-8(1)	Subbase	12-Jun-13	2	15-Jun-13	0%	
Phase 2A Southbound (Civ) Carriageway (Ch 920-1260)						
1B-19F-ROAD-2(1)	Establish Traffic Management & Temp. Fencing	26-Jun-13	109	20-Nov-13	191	
1B-19F-ROAD-2(2)	Trail Holes for Services	26-Jun-13	2	21-Jun-13	0%	
1B-19F-ROAD-3(1)	Excavate Existing Carriageway	24-Jun-13	3	26-Jun-13	0%	
1B-19F-ROAD-3(2)	Excavate Existing kerbs	27-Jun-13	15	17-Jul-13	0%	
1B-19F-ROAD-5(1)	Capping	01-Jul-13	3	05-Jul-13	0%	
1B-19F-ROAD-5(2)	Lay and Concrete Ducts (& Chambers)	04-Jul-13	7	12-Jul-13	0%	
1B-19F-ROAD-6(1)	Subbase	15-Jul-13	20	12-Aug-13	0%	
1B-19F-ROAD-6(2)	Centre Reserve Finishes	11-Sep-13	6	18-Sep-13	0%	
1B-19F-ROAD-6(3)	Construct Verb lines	11-Sep-13	8	20-Sep-13	0%	
1B-19F-ROAD-6(4)	Reset Gullies (& Connections)	18-Sep-13	14	08-Oct-13	0%	
1B-19F-ROAD-7(1)	Pavement Works (Flagging)	06-Oct-13	37	30-Nov-13	0%	
1B-19F-ROAD-7(2)	Roadbase	06-Oct-13	4	14-Oct-13	0%	
1B-19F-ROAD-8(1)	Binder	17-Oct-13	3	21-Oct-13	0%	
1B-19F-ROAD-9(1)	Remove Fencing and Traffic Management (& Apply Temporary Messages)	23-Oct-13	1	23-Oct-13	0%	
Outbound Track Ch 1100-1260						
1B-19E-TRCK-3(1)	Subbase	15-Jul-13	57	18-Oct-13	0%	
1B-19E-TRCK-4(1)	MU Drains, SL & Cable Ducts	13-Aug-13	3	15-Aug-13	0%	
1B-19E-TRCK-5(1)	Track Improvement Sub	16-Aug-13	10	20-Aug-13	0%	
1B-19E-TRCK-7(1)	Set Track	30-Aug-13	5	06-Sep-13	0%	
1B-19E-TRCK-7(2)	Place upper concrete and cure	04-Sep-13	5	10-Sep-13	0%	
1B-19E-TRCK-8(1)	Surfing	15-Oct-13	2	18-Oct-13	0%	
Phase 2B Southbound (Civ) Carriageway (Ch 920-1260)						
1B-19D-ROAD-2(1)	Establish Traffic Management & Temp. Fencing	25-Oct-13	65	17-Jan-14	157	
1B-19D-ROAD-2(2)	Trail Holes for Services	25-Oct-13	1	25-Oct-13	0%	
1B-19D-ROAD-3(1)	Subbase	24-Oct-13	1	24-Oct-13	0%	

Page 60 of 116

Legend:
█ Actual Work
█ Remaining Work
█ Critical Remaining Work
█ Milestone
█ % Complete
█ Summary

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 Approved:



Activity ID	Activity Name	Start	Original Duration	Final Duration	Activity % Complete	Task Flag
1B-15(R)-ROAD-31(2)	Excavate Existing Campaignway	25-Oct-13	3	25-Oct-13	0%	0
1B-15(R)-ROAD-32(1)	Capping	30-Oct-13	3	01-Nov-13	0%	0
1B-15(R)-TRCK-60(3)	Lay and Concrete Ducts & Chambers	04-Nov-13	12	18-Nov-13	0%	0
1B-15(R)-ROAD-11(1)	Subbase	18-Dec-13	5	31-Dec-13	0%	0
1B-15(R)-TRCK-80(3)	Centre Reserve Finishes	18-Dec-13	8	08-Jan-14	0%	164
1B-15(R)-ROAD-82(3)	Roadbase	06-Jan-14	4	08-Jan-14	0%	0
1B-15(R)-ROAD-82(2)	Blinder	14-Jan-14	3	15-Jan-14	0%	0
1B-15(R)-ROAD-21(2)	Remove Fencing and Traffic Management & Apply Temporary Waterstop	17-Jan-14	1	17-Jan-14	0%	0
1B-15(R)-TRCK-41(2)	Subbase	04-Feb-14	43	15-Jun-14	0%	5
1B-15(R)-TRCK-41(2)	Subbase	04-Nov-13	2	05-Nov-13	0%	10
1B-15(R)-TRCK-61(2)	IMU Drains, SL & Cable Ducts	26-Nov-13	2	21-Nov-13	0%	0
1B-15(R)-TRCK-65(2)	Track Improvement Sub	22-Nov-13	10	05-Dec-13	0%	0
1B-15(R)-TRCK-70(4)	Set Track	06-Dec-13	6	13-Dec-13	0%	0
1B-15(R)-TRCK-75(2)	Place upper concrete and cure	11-Dec-13	5	17-Dec-13	0%	0
1B-15(R)-TRCK-80(2)	Surfing	10-Jan-14	2	13-Jan-14	0%	0
Phase 3 Weaving Course & Surface Finishes (Ch 920-1260)						
1B-15(R)-ROAD-30(3)	Establish Traffic Management & Temp. Fencing	26-Jan-14	27	25-Feb-14	0%	5
1B-15(R)-ROAD-44(3)	Weaving Course	26-Jan-14	2	21-Jan-14	0%	5
1B-15(R)-ROAD-46(3)	Coloured Surface Finishes, Non Slip & White Lining	22-Jan-14	4	27-Jan-14	0%	5
1B-15(R)-JMS-60	Junctn 21 Traffic Signals/ Pedestrian Crossing	26-Jan-14	11	11-Feb-14	0%	12
1B-15(R)-ROAD-85(2)	Commissioning, Testing & Acceptance of Roadworks & Trackworks	12-Feb-14	10	25-Feb-14	0%	5
Leith Walk Railway Bridge (S16)						
1B-15-S16-100	Existing Structure	18-Mar-11	1	18-Mar-11	0%	-148
Balfour Street Tram Stop						
T2170	Issue Construction Drawings	15-Jul-08 A	1185	18-Apr-13	100%	338
1A-15-CHANGE-550	Agreement of Change (BDO/LFC) - Balfour S.T.S	16-Mar-11	0	18-Mar-11	0%	453
1B-15-TRMS-50	Civil Engineering and Building Works	11-Apr-12	65	12-Jul-12	0%	216
1B-15-TRMS-20	Order REC Supply	25-Apr-12	0	0	0%	568
1B-15-TRMS-30	Access for visual inspection for EBM Tram Stop installation (01B Balfour Street)	23-May-12	0	0	0%	554
1B-15-TRMS-40	Deliver and Install Shelter	08-Jun-12	10	21-Jun-12	0%	216
1B-15-TRMS-31	Access for EBM Tram Stop installation (01B Balfour Street)	21-Jun-12	0	0	0%	518
1B-15-TRMS-45	Deliver and Install outside	16-Jun-13	10	30-Jun-13	0%	73
1B-15-TRMS-50	Install LV Power Supply and LV Power Equipment	30-Jun-13	25	05-Mar-13	0%	339
1B-15-TRMS-70	Install Telecom Equipment	06-Mar-13	20	04-Apr-13	0%	348
1B-15-TRMS-60	Install Station Control Equipment + AFC Equipment	06-Mar-13	25	11-Apr-13	0%	338
1B-15-TRMS-80	Package Test Transpico	11-Apr-13	5	18-Apr-13	0%	338
31C McDonald Road (inc) Jo Princes Street West (exc)						
329	31C McDonald Road (inc) Jo Princes Street West (exc)	01-Sep-08 A	157	03-Mar-14	100%	175
329	31C McDonald Road (inc) Jo Princes Street West (exc)	01-Sep-08 A	2010	04-Mar-14	46.12%	171
MUDFA & Utilities Completions						
1C-15-A-10540	St Andrews Square to Princes Street West	21-Aug-10 A	0	18-Mar-11	100%	203
1C-17-A-16820	Princes Place to St Andrews Square - the latter (06/10/10)	0	27-Aug-10 A	0	0%	103
1C-16-A-16830	St Andrews Square - the latter (06/10/10)	0	18-Mar-11*	0	0%	853
1C-16-A-20000	McDonald Road to Princes Place - the latter (06/10/10)	0	18-Mar-11*	0	0%	292
E & M Installations						
1C-16-ELEC-20	Access for visual inspection to cable pits for cable laying SAS - PST	12-Sep-11	0	18-Mar-11	0%	813

Update Programme

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

EDINBURGH TRAM NETWORK



Activity Name	Start	Complete	Final	Activity % Complete	Year	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
IC-16-0HLE-30	12-Sep-11	0	0	0%	013													
Access for visual inspection for EAM wayside installation SAS - PST																		
IC-16-ELEC-31	11-Oct-11	0	0	0%	568													
Access to cable pits for cable laying SAS - PST																		
IC-16-SGNW-60	11-Oct-11	6	18-Oct-11	0%	535													
Install Signalling Wayside Equipment SAS - PST																		
IC-16-0HLE-31	11-Oct-11	0	0	0%	575													
Access for EAM wayside installation SAS - PST																		
IC-15-16-0HLE-50	28-Feb-12	4	06-Mar-12	0%	503													
Installation of poles and building frings-9 (12 1376 - 13 0120)																		
IC-15-16-0HLE-60	14-Mar-12	12	30-Mar-12	0%	505													
Overhead Catenary Line -9 (12 1376 - 13 0120)																		
Access for visual inspection for EAM wayside installation MCR - PPL																		
IC-18-0HLE-30	16-Sep-13	0	0	0%	223													
Access for visual inspection for EAM wayside installation MCR - PPL																		
IC-18-ELEC-30	16-Sep-13	0	0	0%	223													
Access for visual inspection to cable pits for cable laying MCR - PPL																		
IC-17-ELEC-30	16-Sep-13	0	0	0%	223													
Access for visual inspection for EAM wayside installation PPL - SAS																		
IC-17-0HLE-30	16-Sep-13	0	0	0%	223													
Access for visual inspection for EAM wayside installation PPL - SAS																		
IC-18-SGNW-60	16-Oct-13	6	23-Oct-13	0%	195													
Install Signalling Wayside Equipment MCR - PPL																		
IC-18-ELEC-31	16-Oct-13	0	0	0%	195													
Access to cable pits for cable laying MCR - PPL																		
IC-17-ELEC-31	16-Oct-13	0	0	0%	171													
Access to cable pits for cable laying PPL - SAS																		
IC-19-0HLE-50	16-Oct-13	5	22-Oct-13	0%	166													
Installation of poles and building frings-8 (12 0890 - 12 01429)																		
IC-17-SGNW-60	16-Oct-13	6	29-Oct-13	0%	165													
Install Signalling Wayside Equipment PPL - SAS																		
IC-19-0HLE-30	16-Oct-13	6	23-Oct-13	0%	189													
Install Fire Optic Cables PPL - SAS - PST																		
IC-17-0HLE-31	16-Oct-13	0	0	0%	58													
Access for EAM wayside installation PPL - SAS																		
IC-18-0HLE-31	16-Oct-13	0	0	0%	58													
Access for EAM wayside installation MCR - PPL																		
IC-19-0HLE-60	23-Oct-13	10	05-Nov-13	0%	166													
Overhead Catenary Line -8 (12 0890 - 12 01429)																		
IC-19-18-TELC-60	24-Oct-13	8	31-Oct-13	0%	189													
Install Fire Optic Cables MCR - PPL - SAS																		
IC-17-SIGN-40	26-Oct-13	15	19-Nov-13	0%	171													
Installation of SIG-interlocking outside York Place																		
IC-18-18-TELC-60	01-Nov-13	8	08-Nov-13	0%	166													
Install Fire Optic Cables BFS - MCR - PPL																		
IC-17-SIGN-30	13-Nov-13	5	19-Nov-13	0%	171													
Installation of SIG equipment on crossover York Place																		
IC-17-SIGN-80	26-Nov-13	5	26-Nov-13	0%	171													
Commissioning of SIG - interlocking outside York Place																		
IC-17-18-0HLE-50	26-Jan-14	9	30-Jan-14	0%	6													
Installation of poles and building frings-7 (11 0825 - 12 0960)																		
IC-17-18-18-0HLE-60	31-Jan-14	23	04-Mar-14	0%	6													
Overhead Catenary Line -7 (11 0825 - 12 0960 + 12 0720 - 12 0804)																		
McDonald Road (W5) to Priddy Place (XCL)	01-Sep-08	1864	09-Oct-13	467.6%	317													
McDonald Road (W5) to Priddy Place (XCL)	01-Sep-08	1864	09-Oct-13	467.6%	317													
Design	10-Dec-08	0	10-Dec-08	100%	333													
12160	10-Dec-08	0	10-Dec-08	100%	333													
Issue Construction Drawings (Road & Track Works)																		
Road & Track Works	14-Apr-11	616	09-Oct-13	333	566													
Leith Walk Ch 0-200	15-Apr-11	297	04-Oct-12	566	754													
Phase 1 Northbound (Leith) Carrageway Ch 0-200	15-Apr-11	79	09-Aug-11	754														
IC-18A-ROAD-2(0)	15-Apr-11	2	18-Apr-11	0%	292													
Establish Traffic Management & Temp. Fencing																		
IC-18A-ROAD-2(2)	16-Apr-11	3	21-Apr-11	0%	292													
Trif Holes for Services																		
IC-18A-ROAD-3(0)	25-Apr-11	9	05-May-11	0%	292													
Excavate Existing Carrageway																		
IC-18A-ROAD-3(2)	27-Apr-11	2	28-Apr-11	0%	330													
Excavate Existing Kerbs																		
IC-18A-ROAD-4(0)	03-May-11	5	09-May-11	0%	292													
Capping																		
IC-18A-ROAD-5(0)	10-May-11	24	13-Jun-11	0%	292													
Lay and Concrete Ducts (& Chambers)																		
IC-18A-ROAD-5(2)	16-May-11	20	07-Jun-11	0%	296													
Relocate Existing Manholes																		
IC-18A-ROAD-6(0)	14-Jun-11	8	25-Jun-11	0%	292													
Subbase																		
IC-18A-ROAD-6(2)	24-Jun-11	10	07-Jul-11	0%	292													
Construct Kerb Lines																		
IC-18A-ROAD-6(3)	24-Jun-11	8	01-Jul-11	0%	296													
Rise Gullies (& Connections)																		
IC-18A-ROAD-7(0)	05-Jul-11	22	08-Aug-11	0%	754													
Pavement Works (Footpath)																		
IC-18A-ROAD-7(2)	05-Jul-11	4	13-Jul-11	0%	292													
Roadbase																		

Page 62 of 116

Legend:
█ Actual Work
█ Critical Remaining Work
█ Remaining Work
█ Milestone
█ % Complete
█ Summary

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Activity ID	Activity Name	Start	Complete Duration	Final	Activity % Complete	Task Plan
1C-18A-ROAD-60(2)	Blinder	14-Jun-11	4	19-Jul-11	0%	292
1C-18A-ROAD-21(3)	Remove Fencing and Traffic Management & Apply Temporary Measures	20-Jul-11	1	30-Jul-11	0%	292
Phase 2 Southbound City Carriageway Ch 0-200						
1C-18B-ROAD-20(2)	Establish Traffic Management & Temp. Fencing	21-Jul-11	77	07-Nov-11	95%	292
1C-18B-ROAD-20(3)	Establish Traffic Management & Temp. Fencing	21-Jul-11	2	23-Jul-11	0%	292
1C-18B-ROAD-20(4)	Establish Traffic Management & Temp. Fencing	21-Jul-11	3	27-Jul-11	0%	292
1C-18B-ROAD-20(5)	Establish Traffic Management & Temp. Fencing	21-Jul-11	7	08-Aug-11	0%	292
1C-18B-ROAD-20(6)	Establish Traffic Management & Temp. Fencing	21-Jul-11	2	03-Aug-11	0%	292
1C-18B-ROAD-20(7)	Establish Traffic Management & Temp. Fencing	21-Jul-11	4	10-Aug-11	0%	292
1C-18B-ROAD-20(8)	Establish Traffic Management & Temp. Fencing	21-Jul-11	24	15-Sep-11	0%	292
1C-18B-ROAD-20(9)	Establish Traffic Management & Temp. Fencing	21-Jul-11	4	18-Aug-11	0%	292
1C-18B-ROAD-20(10)	Establish Traffic Management & Temp. Fencing	21-Jul-11	6	21-Sep-11	0%	292
1C-18B-ROAD-20(11)	Establish Traffic Management & Temp. Fencing	21-Jul-11	10	05-Oct-11	0%	292
1C-18B-ROAD-20(12)	Establish Traffic Management & Temp. Fencing	21-Jul-11	9	28-Sep-11	0%	296
1C-18B-ROAD-20(13)	Establish Traffic Management & Temp. Fencing	21-Jul-11	23	07-Nov-11	0%	666
1C-18B-ROAD-20(14)	Establish Traffic Management & Temp. Fencing	21-Jul-11	4	11-Oct-11	0%	292
1C-18B-ROAD-20(15)	Establish Traffic Management & Temp. Fencing	21-Jul-11	4	17-Oct-11	0%	292
1C-18B-ROAD-20(16)	Establish Traffic Management & Temp. Fencing	21-Jul-11	1	18-Oct-11	0%	292
Phase 3 Tram Way & Centre Reserve Ch 200-375						
1C-18AB-TRCK-20(1)	Establish Traffic Management & Temp. Fencing	19-Oct-11	217	05-Sep-12	60%	605
1C-18AB-TRCK-20(2)	Establish Traffic Management & Temp. Fencing	19-Oct-11	2	20-Oct-11	0%	292
1C-18AB-TRCK-20(3)	Establish Traffic Management & Temp. Fencing	21-Oct-11	3	28-Oct-11	0%	292
1C-18AB-TRCK-30(1)	Excavate box	26-Oct-11	8	04-Nov-11	0%	292
1C-18AB-TRCK-31(1)	Subbase	02-Nov-11	4	07-Nov-11	0%	666
1C-18AB-TRCK-50(1)	Piling for OLE Foundations	07-Nov-11	4	10-Nov-11	0%	292
1C-18AB-TRCK-61(1)	Excavate & Cast OLE Foundations	25-Jun-12	4	28-Jun-12	0%	653
1C-18AB-TRCK-60(3)	Centre Reserve Finishes	08-Aug-12	15	29-Aug-12	0%	333
1C-18AB-TRCK-61(3)	Centre Reserve Finishes	08-Aug-12	5	05-Sep-12	0%	333
Inbound Track						
1C-18A-TRCK-61(2)	IMU Drains, SL & Cable Ducts	11-Nov-11	55	03-Jun-12	33%	333
1C-18A-TRCK-61(3)	IMU Drains, SL & Cable Ducts	11-Nov-11	6	18-Nov-11	0%	292
1C-18A-TRCK-65(2)	Track Improvement Slab	21-Nov-11	13	07-Dec-11	0%	292
1C-18A-TRCK-70(2)	Set Track (270m)	08-Jun-12	11	23-Jun-12	0%	292
1C-18A-TRCK-75(2)	Place upper concrete and cure	13-Jun-12	8	22-Jun-12	0%	333
1C-18A-TRCK-80(2)	Surfacing	25-Jun-12	7	03-Jul-12	0%	333
Outbound Track						
1C-18B-TRCK-61(2)	IMU Drains, SL & Cable Ducts	04-Jul-12	2	05-Jul-12	0%	333
1C-18B-TRCK-65(2)	Track Improvement Slab	06-Jul-12	12	20-Jul-12	0%	333
1C-18B-TRCK-70(2)	Set Track (270m) + mob	24-Jul-12	14	13-Aug-12	0%	333
1C-18B-TRCK-75(2)	Place upper concrete and cure	27-Jul-12	8	08-Aug-12	0%	333
1C-18B-TRCK-80(2)	Surfacing	20-Aug-12	8	29-Aug-12	0%	333
Phase 4 Waiting Course and Surface Finishes Ch 0-200						
1C-18AB-ROAD-20(1)	Establish Traffic Management & Temp. Fencing	06-Sep-12	21	04-Oct-12	33%	333
1C-18AB-ROAD-64(3)	Waiting Course	06-Sep-12	2	07-Sep-12	0%	333
1C-18AB-ROAD-64(4)	Covered Surface Finishes, Non Slip & White Lining	16-Sep-12	4	13-Sep-12	0%	333
1C-18AB-JNCS-60	Install 22 Traffic Signals / Pedestrian Crossing	14-Sep-12	5	20-Sep-12	0%	333
1C-18AB-ROAD-65(3)	Commissioning, Testing & Acceptance of Roadworks & Trackworks	21-Sep-12	10	04-Oct-12	0%	333
Leith Walk Ch 200-375						
1C-18B-ROAD-65(3)	Commissioning, Testing & Acceptance of Roadworks & Trackworks	06-Oct-12	25	18-Oct-13	33%	333

Page 63 of 116

Legend:
█ Actual Work
█ Critical Remaining Work
█ Remaining Work
▬ Milestone
▬ % Complete
▬ Summary

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

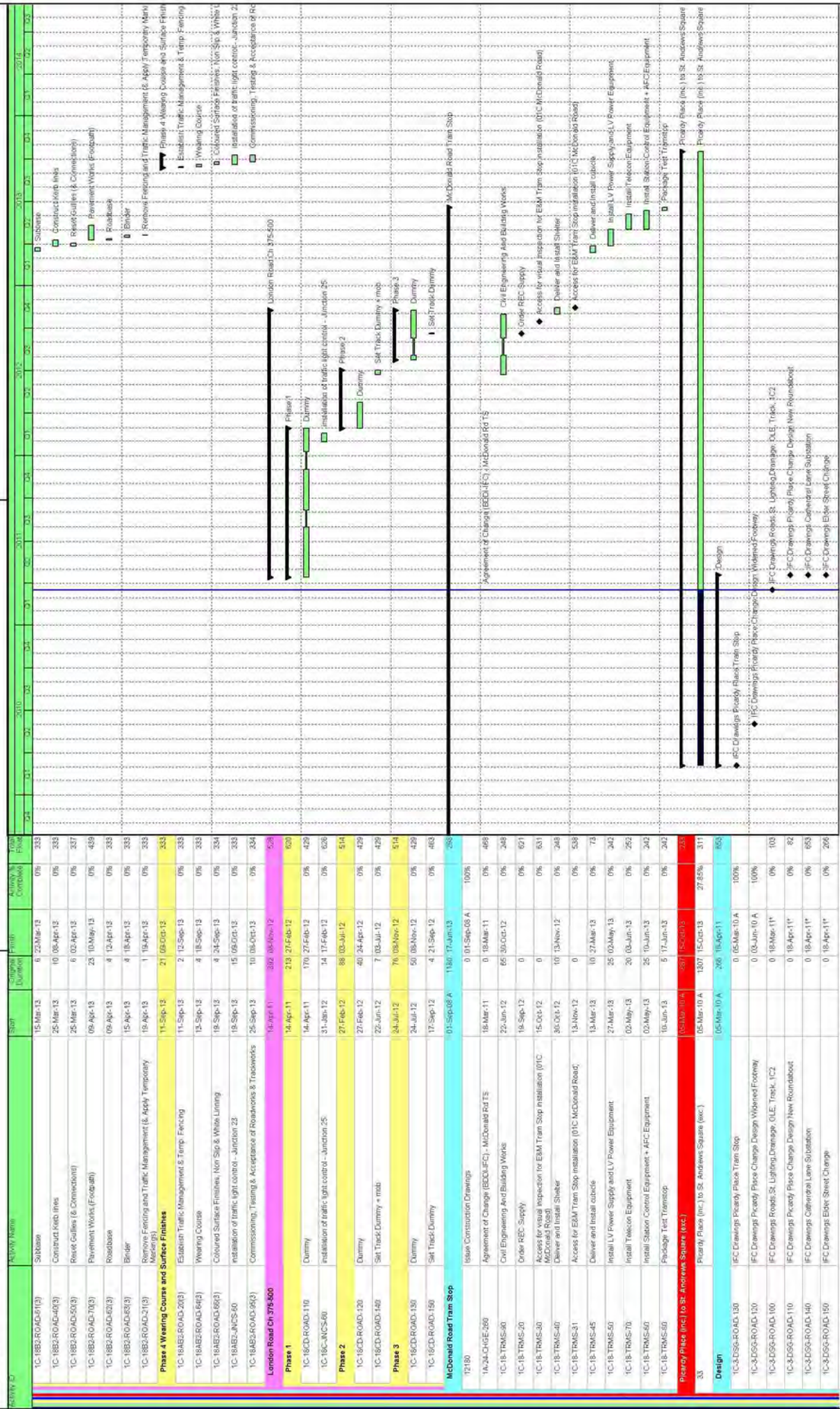
Activity ID	Activity Name	Start	Complete Duration	Finish	Activity % Complete	Year Picked
Phase 1 Northbound (Leth) Carrageway Ch 200-375						
1C-18A3-ROAD-203	Station Traffic Management & Temp. Fencing	05-Oct-12	77	01-Feb-13	50%	2012
1C-18A3-ROAD-213	Trail Holes for Services	05-Oct-12	2	08-Oct-12	0%	2012
1C-18A3-ROAD-313	Excavate Existing Carrageway	09-Oct-12	3	11-Oct-12	0%	2012
1C-18A3-ROAD-303	Excavate Existing Kerbs	13-Oct-12	9	24-Oct-12	0%	2012
1C-18A3-ROAD-3213	Capping	16-Oct-12	5	25-Oct-12	0%	2012
1C-18A3-TRCK-60	Lay and Concrete Ducts (& Chambers)	26-Oct-12	22	26-Nov-12	0%	2012
1C-18A3-ROAD-513	Relocate Existing Manholes	26-Oct-12	20	22-Nov-12	0%	2012
1C-18A3-ROAD-613	Subbase	27-Nov-12	8	06-Dec-12	0%	2012
1C-18A3-ROAD-403	Construct Metro lines	07-Dec-12	6	14-Dec-12	0%	2012
1C-18A3-ROAD-503	Risek Cullies (& Connections)	21-Dec-12	22	01-Feb-13	0%	2013
1C-18A3-ROAD-703	Pavement Works (Footpath)	21-Dec-12	4	08-Jan-13	0%	2013
1C-18A3-ROAD-6313	Roadbase	06-Jan-13	4	14-Jan-13	0%	2013
1C-18A3-ROAD-6513	Blinder	11-Jan-13	8	22-Jan-13	0%	2013
1C-18A3-ROAD-6613	Bus Bays & Parking Areas (Seyfield Street)	28-Jan-13	1	23-Jan-13	0%	2013
1C-18A3-ROAD-213 (Temporary)	Remove Fencing and Traffic Management (& Apply Temporary)	25-Apr-13	99	10-Sep-13	55%	2013
Phase 3 Tram Way & Centre Reserve Ch 200-375						
1C-18AB2-TRCK-203	Establish Traffic Management & Temp. Fencing	22-Apr-13	2	23-Apr-13	0%	2013
1C-18AB2-TRCK-2213	Trail Holes for Services	24-Apr-13	9	26-Apr-13	0%	2013
1C-18AB2-TRCK-303	Excavate box	26-Apr-13	8	03-May-13	0%	2013
1C-18AB2-TRCK-3113	Subbase	07-May-13	4	10-May-13	0%	2013
1C-18AB2-TRCK-503	Piling for OLE Foundations	10-May-13	4	15-May-13	0%	2013
1C-18AB2-TRCK-5113	Excavate & Cast OLE Foundations	26-Jun-13	4	03-Jul-13	0%	2013
1C-18AB2-TRCK-603	Centre Reserve Finishes	14-Aug-13	15	02-Sep-13	0%	2013
1C-18AB2-TRCK-6113	Erect OLE Lighting Columns	04-Sep-13	5	10-Sep-13	0%	2013
Inbound Track						
1C-18A2-TRCK-613	IMU Drains, SL & Cable Ducts	16-May-13	37	06-Jul-13	33%	2013
1C-18A2-TRCK-653	Track Improvement Sub	16-May-13	9	23-May-13	0%	2013
1C-18A2-TRCK-703	Set Track + mob	24-May-13	13	12-Jun-13	0%	2013
1C-18A2-TRCK-753	Place upper concrete and cure	18-Jun-13	8	27-Jun-13	0%	2013
1C-18A2-TRCK-803	Surfacing	26-Jun-13	7	08-Jul-13	0%	2013
Outbound Track						
1C-18B2-TRCK-613	IMU Drains, SL & Cable Ducts	06-Jun-13	2	05-Jun-13	0%	2013
1C-18B2-TRCK-653	Track Improvement Sub	11-Jun-13	12	25-Jul-13	0%	2013
1C-18B2-TRCK-703	Set Track	26-Jul-13	8	06-Aug-13	0%	2013
1C-18B2-TRCK-753	Place upper concrete and cure	01-Aug-13	8	03-Aug-13	0%	2013
1C-18B2-TRCK-803	Surfacing	23-Aug-13	9	03-Sep-13	0%	2013
Phase 2 Southbound (Ch) Carrageway Ch 200-375						
1C-18B2-ROAD-203	Establish Traffic Management & Temp. Fencing	24-Jun-13	75	03-May-13	42%	2013
1C-18B2-ROAD-2213	Trail Holes for Services	24-Jun-13	2	25-Jun-13	0%	2013
1C-18B2-ROAD-313	Excavate Existing Carrageway	26-Jun-13	9	30-Jun-13	0%	2013
1C-18B2-ROAD-303	Excavate Existing Kerbs	04-Feb-13	2	05-Feb-13	0%	2013
1C-18B2-ROAD-3313	Capping	07-Feb-13	4	12-Feb-13	0%	2013
1C-18B2-TRCK-60	Lay and Concrete Ducts (& Chambers)	13-Feb-13	22	14-Mar-13	0%	2013
1C-18B2-ROAD-513	Relocate Existing Manholes	13-Feb-13	20	12-Mar-13	0%	2013

Page 64 of 116

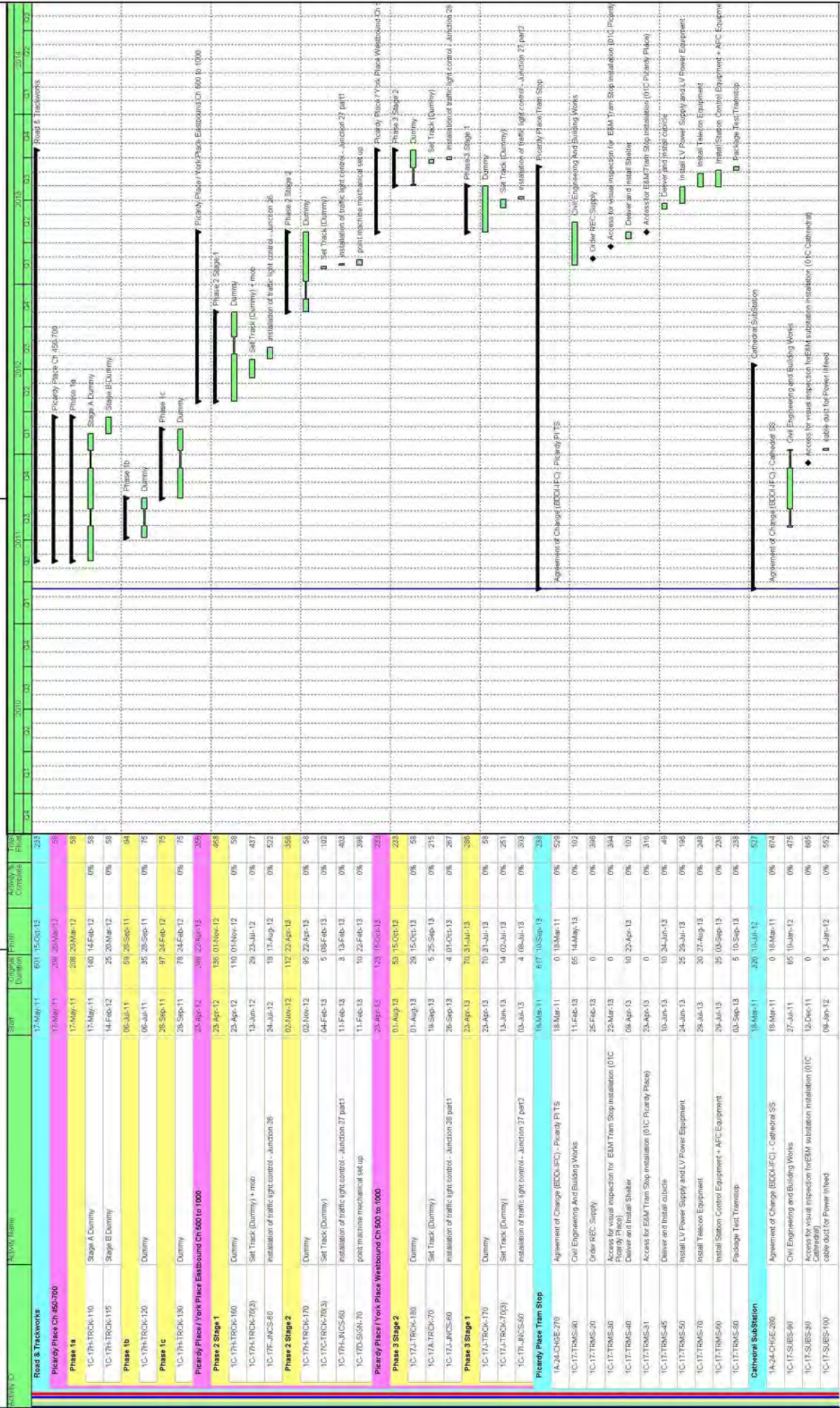
Actual Work Remaining Work Critical Remaining Work % Complete

11-Mar-11 ETN Updated Programme - Progress to 18 Mar 11 JAC Approved

Summary



Legend:
█ Actual Work
█ Remaining Work
█ Critical Remaining Work
◆ Milestone
◆ Milestone
→ % Complete
→ Summary

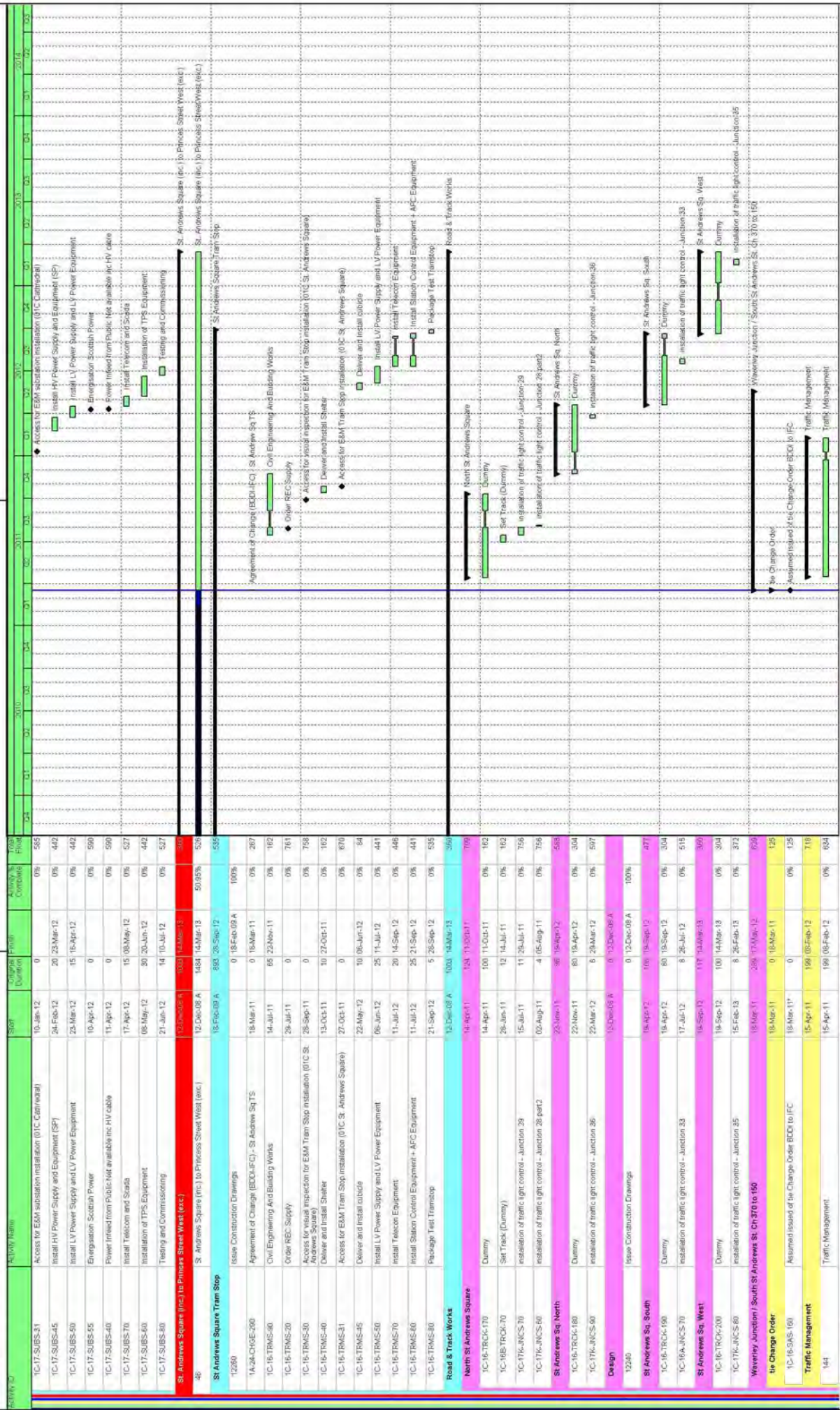


Legend:

- Actual Work (Green bar)
- Remaining Work (Red bar)
- Critical Remaining Work (Red bar with black outline)
- Milestone (Black diamond)
- % Complete (Black arrow)
- Summary (Black arrow)

Page 66 of 116

11-Mar-11 | EITN Updated Programme - Progress to 18 Mar 11 | JAC | Approved | 18-Mar-11



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

Update Programme

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

EDINBURGH TRAM NETWORK



Activity ID	Activity Name	Start	Original Duration	Final Duration	Activity % Complete	Year
1C-16-SAS-155	Phase 1 - South/North St Andrew St Closed	15-Apr-11	0	0	0%	2011
1C-16-SAS-156	Phase 2 - Bus Traffic to Westside Westbound Lane	15-Apr-11	0	0	0%	2011
1C-16-SAS-167	Phase 2 - Bus Traffic to Westside Eastbound Lane (over temp bridge)	01-Dec-11	0	0	0%	2011
1C-16-SAS-168	Close for concreting across PS	01-Feb-12	1	0	0%	2012
1C-16-SAS-159	Phase 4 - Bus Traffic to Westside Westbound Lane	08-Feb-12	0	0	0%	2012
Phases 1 & 2						
141	Phases 1 & 2	15-Apr-11	206	18-Feb-12	70%	2011-2012
1C-16A-SAS1-252	Erect Pedestrian Barrier	15-Apr-11*	206	18-Feb-12	0%	2011-2012
1C-16A-SAS1-143	Site Clearance & Site Compound	15-Apr-11*	1	15-Apr-11	0%	2011
1C-16A-SAS1-144	Investigate services / utility locations / mark outside positions / levels	15-Apr-11	12	04-May-11	0%	2011
1C-16A-JMCS-540	Installation of traffic light control - Junction 30	18-Apr-11	4	21-Apr-11	0%	2011
1C-16A-SAS1-233	OLE Wall Fixings (16m) South/North St Andrew St	24-Jun-12	8	03-Feb-12	0%	2012
		25-Jan-12	16	18-Feb-12	0%	2012
Phase 1 - Inbound SSAS + PS						
148	Phase 1 - Inbound SSAS + PS	18-Apr-11	57	08-Jul-11	70%	2011
1C-16A-SAS1-169	Phase Main Carriageway 250mm	18-Apr-11	3	20-Apr-11	0%	2011
1C-16A-SAS1-165	Excavate to Formation for Carriageway and Track (incl for capping type 1)	21-Apr-11	5	28-Apr-11	0%	2011
1C-16A-SAS1-176	Remove existing kerbs to site	21-Apr-11	5	28-Apr-11	0%	2011
1C-16A-SAS1-247	Check suitability of formation (ongoing)	21-Apr-11	0	0	0%	2011
1C-16A-SAS1-248	Capping Layer to Adjacent Carriageway (600mm)	21-Apr-11	5	26-Apr-11	0%	2011
1C-16A-SAS1-154	Cover/Cast OLE Pole Foundations	26-Apr-11	3	04-May-11	0%	2011
1C-16A-SAS1-239	Make good Formation with Type 1 (Ave 220mm)	26-Apr-11	2	03-May-11	0%	2011
1C-16A-SAS1-270	Installation of IMU Drains and Cable Ducting	04-May-11	2	05-May-11	0%	2011
1C-16A-SAS1-171	Carry out inspection and testing of Subgrade	06-May-11	1	06-May-11	0%	2011
1C-16A-SAS1-172	Binding Concrete	08-May-11	2	10-May-11	0%	2011
1C-16A-SAS1-163	Place RC improvement Slab (+ curb lag)	11-May-11	6	16-May-11	0%	2011
1C-16A-SAS1-174	Access for Track Laying	23-May-11	0	0	0%	2011
1C-16A-SAS1-175	Installation of Noise & Vibration Mit (if reqd)	23-May-11	0	0	0%	2011
1C-16A-TRCK-70	Set track (x1180m) (sleepers)	23-May-11	8	02-Jun-11	0%	2011
1C-16A-SAS1-257	Welding & Grouting	24-May-11	6	01-Jun-11	0%	2011
1C-16A-SAS1-256	Damage / Rail Connections	24-May-11	6	01-Jun-11	0%	2011
1C-16A-SAS1-249	Installation of IMU Boxes and Loops	24-May-11	6	01-Jun-11	0%	2011
1C-16A-SAS1-180	Final Rail Alignment - Check and Approve	25-May-11	6	02-Jun-11	0%	2011
1C-16A-SAS1-241	230mm Concrete Supporting Layer (+ curb lag)	27-May-11	6	06-Jun-11	0%	2011
Track & Ducts						
237	Damage & Ducts	20-Apr-11	37	14-Jun-11	0%	2011
1C-16A-SAS1-238	Drill Connections	30-Apr-11	3	25-Apr-11	0%	2011
1C-16A-SAS1-169	Damage to Ditching Points	25-Apr-11	14	13-May-11	0%	2011
1C-16A-SAS1-360	Traction Ducts & Chambers	28-Apr-11	0	0	0%	2011
1C-16A-SAS1-167	Comms Ducts & Chambers	29-Apr-11	11	16-May-11	0%	2011
1C-16A-SAS1-162	Traction Signal Ducts	15-May-11	7	24-May-11	0%	2011
1C-16A-SAS1-153	Lighting Ducts	16-May-11	21	14-Jun-11	0%	2011
General Construction over tracks						
242	Pavement Construction over tracks	08-Jun-11	8	17-Jun-11	0%	2011
1C-16A-SAS1-173	Setts	08-Jun-11	5	14-Jun-11	0%	2011
1C-16A-SAS1-224	150mm Blot	14-Jun-11	2	15-Jun-11	0%	2011

Page 68 of 116

Actual Work Remaining Work % Complete Summary

ETN Updated Programme - Progress to 18 Mar 11

Checked Approved

JAC

11-Mar-11

Revision

Update Programme

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

EDINBURGH TRAM NETWORK



Activity Name	Start	Complete Duration	Final	Activity % Complete	Year
1C-18A-SAS1-265 35mm Wearing Course	16-Jun-11	1	16-Jun-11	0%	2011
1C-18A-SAS1-266 15mm Surface Treatment	17-Jun-11	1	17-Jun-11	0%	2011
Carriageway Construction					
177 Carriageway Construction	26-Apr-11	49	08-Jul-11	0%	2011
1C-18A-SAS1-178 Sub-base 220mm all carriageway areas (continuous and swc)	26-Apr-11	3	04-May-11	0%	2011
1C-18A-SAS1-179 Kerbing	07-Jun-11	10	20-Jun-11	0%	2011
1C-18A-SAS1-181 Signs / Street Furniture	09-Jun-11	5	15-Jun-11	0%	2011
1C-18A-SAS1-180 Gullies	15-Jun-11	5	21-Jun-11	0%	2011
1C-18A-SAS1-182 Sub-base slope all carriageway areas	21-Jun-11	4	24-Jun-11	0%	2011
1C-18A-SAS1-183 Traffic Signals	21-Jun-11	14	08-Jul-11	0%	2011
1C-18A-SAS1-184 Footpath Works	21-Jun-11	13	07-Jul-11	0%	2011
1C-18A-SAS1-185 SME	27-Jun-11	2	28-Jun-11	0%	2011
1C-18A-SAS1-286 225mm Blaise	28-Jun-11	1	29-Jun-11	0%	2011
1C-18A-SAS1-187 60mm Blinder	30-Jun-11	1	30-Jun-11	0%	2011
1C-18A-SAS1-188 35mm Wearing Course	07-Jun-11	164	16-Feb-12	0%	2012
Phase 2 - Outbound SSAS					
183 Phase 2 - Outbound SSAS	07-Jun-11	164	16-Feb-12	0%	2012
1C-18C-SAS2-200 Plane Main Carriageway 250mm	14-Jun-11	4	17-Jun-11	0%	2011
1C-18C-SAS2-198 Excavate formation for Carriageway and Track (incl for Support Joints)	26-Jun-11	5	24-Jun-11	0%	2011
1C-18C-SAS2-199 Remove existing kerbs to store	26-Jun-11	5	24-Jun-11	0%	2011
1C-18C-SAS2-201 Check suitability of formation (ongoing)	26-Jun-11	0		0%	2011
1C-18C-SAS2-202 Capping Layer to Adjacent Carriageway (60mm)	26-Jun-11	5	24-Jun-11	0%	2011
1C-18C-SAS2-203 Make good Formation with Type 1 (Ave 220mm)	27-Jun-11	2	28-Jun-11	0%	2011
1C-18C-SAS2-204 Installation of IMU Drains and Cable Ducting	29-Jun-11	2	30-Jun-11	0%	2011
1C-18C-SAS2-205 Carry out inspection and testing of Subgrade	01-Jul-11	1	01-Jul-11	0%	2011
1C-18C-SAS2-206 Binding Concrete	04-Jul-11	2	05-Jul-11	0%	2011
1C-18C-SAS2-207 Place RC Improvement Slab (+ cure lag)	06-Jul-11	5	12-Jul-11	0%	2011
1C-18C-SAS2-208 Access for Track Laying	15-Jul-11	0		0%	2011
1C-18C-SAS2-209 Installation of Noise & Vibration Mat (if reqd)	15-Jul-11	0		0%	2011
1C-18C-TRC2-70 Set track (1x12m)(sleepers all) + mho	15-Nov-11	9	28-Nov-11	0%	2011
1C-18C-SAS2-210 Welding & Grinding	16-Nov-11	5	23-Nov-11	0%	2011
1C-18C-SAS2-211 Drainage / Rail Connections	16-Nov-11	5	23-Nov-11	0%	2011
1C-18C-SAS2-212 Installation of IMU Boxes and Leaps	16-Nov-11	5	23-Nov-11	0%	2011
1C-18C-SAS2-213 Final Rail Alignment - Check and Approve	17-Nov-11	5	24-Nov-11	0%	2011
1C-18C-SAS2-214 200mm Concrete Supporting Layer (+ cure lag)	21-Nov-11	5	28-Nov-11	0%	2011
1C-18C-SAS2-232 Rail/Carriageway Joint - Sealing Compound	25-Jan-12	4	31-Jan-12	0%	2012
Damage & Ducts					
191 Damage & Ducts	07-Jun-11	32	20-Jul-11	0%	2011
1C-18C-SAS2-192 Outfall Connectors	07-Jun-11	2	08-Jun-11	0%	2011
1C-18C-SAS2-193 Damage to Discharge Points	26-Jun-11	2	21-Jun-11	0%	2011
1C-18C-SAS2-196 Traffic Signal Ducts	22-Jun-11	7	30-Jun-11	0%	2011
1C-18C-SAS2-197 Lighting Ducts	22-Jun-11	21	20-Jul-11	0%	2011
1C-18C-SAS2-194 Traction Ducts & Chambers	27-Jun-11	11	11-Jul-11	0%	2011
1C-18C-SAS2-195 Comms Ducts & Chambers	27-Jun-11	0		0%	2011

Page 69 of 116

Actual Work Remaining Work Milestone % Complete Summary

Date Revision Checked Approved

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

Activity Name	Start	Original Duration	Final	Activity % Complete	Year
215					
1C-18C-SAS2-216	26-Nov-11	24	16-Jan-12	0%	2011
SARZ	26-Nov-11	4	10-Jun-12	0%	2012
1C-18C-SAS2-217	10-Jan-12	2	12-Jan-12	0%	2012
15mm Wearing Course	13-Jan-12	1	15-Jan-12	0%	2012
1C-18C-SAS2-218	13-Jan-12	1	15-Jan-12	0%	2012
15mm Surface Treatment	13-Jan-12	1	15-Jan-12	0%	2012
250					
Carriageway Construction	27-Jun-11	150	08-Feb-12	0%	2011
1C-18C-SAS2-221	27-Jun-11	3	29-Jun-11	0%	2011
Sub-base 220mm at Carriageway areas (barminous and sect)	28-Nov-11	10	17-Jan-12	0%	2011
1C-18C-SAS2-222	30-Nov-11	5	12-Jun-12	0%	2012
kerbing	17-Jan-12	1	18-Jan-12	0%	2012
1C-18C-SAS2-224	17-Jan-12	1	18-Jan-12	0%	2012
Signs / Street Furniture	17-Jan-12	1	18-Jan-12	0%	2012
1C-18C-SAS2-225	17-Jan-12	1	18-Jan-12	0%	2012
Sub-base shape at carriageway areas	17-Jan-12	1	18-Jan-12	0%	2012
1C-18C-SAS2-226	17-Jan-12	4	23-Jan-12	0%	2012
Traffic Signals	17-Jan-12	4	23-Jan-12	0%	2012
1C-18C-SAS2-227	17-Jan-12	14	06-Feb-12	0%	2012
Roadgan Works	17-Jan-12	13	03-Feb-12	0%	2012
1C-18C-SAS2-228	17-Jan-12	2	23-Jun-12	0%	2012
Salts	19-Jan-12	2	23-Jun-12	0%	2012
1C-18C-SAS2-229	23-Jun-12	1	24-Jun-12	0%	2012
225mm Base	24-Jan-12	1	25-Jun-12	0%	2012
1C-18C-SAS2-230	24-Jan-12	1	25-Jun-12	0%	2012
60mm Binder	12-Jun-11	175	26-Mar-12	11%	2011
1C-18C-SAS2-231	13-Jun-11	175	26-Mar-12	0%	2012
Temporary Works for bus route	13-Jun-11	175	26-Mar-12	0%	2012
254					
1C-18C-SAS2-265	13-Jun-11	5	19-Jul-11	0%	2011
Construct bridge support foundations	23-Nov-11	3	28-Nov-11	0%	2011
1C-18C-SAS2-266	23-Nov-11	2	30-Nov-11	0%	2011
Install bridge unit & anchors	30-Nov-11	1	01-Dec-11	0%	2011
1C-18C-SAS2-267	30-Nov-11	1	01-Dec-11	0%	2011
Surfacing to suit	13-Mar-12	1	13-Mar-12	0%	2012
1C-18C-SAS2-268	13-Mar-12	1	13-Mar-12	0%	2012
Signs and Markings	14-Mar-12	4	19-Mar-12	0%	2012
1C-18C-SAS2-269	14-Mar-12	4	19-Mar-12	0%	2012
Remove bridge	26-Mar-12	9	26-Mar-12	0%	2012
1C-18C-SAS2-340	26-Mar-12	9	26-Mar-12	0%	2012
Demolish bridge foundations	01-Dec-11	61	03-Mar-12	63%	2011
1C-18C-SAS2-251	01-Dec-11	61	03-Mar-12	0%	2012
Make good and clear site	01-Dec-11	61	03-Mar-12	0%	2012
Phase 3 - FS Outbound	01-Dec-11	61	03-Mar-12	0%	2012
343					
1C-18D-SAS3-304	01-Dec-11	1	08-Jan-12	0%	2012
Erect Freestanding Barrier	01-Dec-11	1	08-Jan-12	0%	2012
1C-18D-SAS3-345	01-Dec-11	2	10-Jan-12	0%	2012
Site Clearance & Site Compound	06-Jan-12	2	11-Jan-12	0%	2012
1C-18D-SAS3-316	06-Jan-12	2	11-Jan-12	0%	2012
Investigate services / utility positions / in-line-outlet positions / levels	06-Jan-12	2	11-Jan-12	0%	2012
Outbound	06-Jan-12	2	11-Jan-12	0%	2012
277					
1C-18D-SAS3-278	06-Jan-12	44	09-Mar-12	0%	2012
Outbound	06-Jan-12	44	09-Mar-12	0%	2012
1C-18D-SAS3-365	06-Jan-12	1	10-Jan-12	0%	2012
Place Main Carriageway 250mm	10-Jan-12	3	10-Jan-12	0%	2012
1C-18D-SAS3-366	10-Jan-12	2	10-Jan-12	0%	2012
Excavate to Formation for Carriageway and Track (incl for Capping Type 1)	10-Jan-12	2	10-Jan-12	0%	2012
1C-18D-SAS3-378	10-Jan-12	2	10-Jan-12	0%	2012
Remove existing beds to store	10-Jan-12	0	10-Jan-12	0%	2012
1C-18D-SAS3-387	10-Jan-12	0	10-Jan-12	0%	2012
Check suitability of formation (ongoing)	11-Jan-12	3	12-Jan-12	0%	2012
1C-18D-SAS3-289	11-Jan-12	3	12-Jan-12	0%	2012
Capping Layer to Adjacent Carriageway (900mm)	11-Jan-12	31	23-Feb-12	0%	2012
1C-18D-SAS3-384	11-Jan-12	31	23-Feb-12	0%	2012
Core/Cast CLE Pole Foundations	13-Jan-12	1	16-Jan-12	0%	2012
1C-18D-SAS3-279	13-Jan-12	1	16-Jan-12	0%	2012
Make good Formation with Type 1 (Ave 200mm)	16-Jan-12	1	17-Jan-12	0%	2012
1C-18D-SAS3-410	16-Jan-12	1	17-Jan-12	0%	2012
Installation of IMJ Drains and Cable Ducting	17-Jan-12	1	18-Jan-12	0%	2012
1C-18D-SAS3-271	17-Jan-12	1	18-Jan-12	0%	2012
Carry out inspection and testing of Subgrade	18-Jan-12	1	19-Jan-12	0%	2012
1C-18D-SAS3-382	18-Jan-12	1	19-Jan-12	0%	2012
Binding Concrete	18-Jan-12	1	20-Jan-12	0%	2012
1C-18D-SAS3-203	18-Jan-12	1	20-Jan-12	0%	2012
Place PC Improvement Slab (+ cure lag)					

Page 70 of 116

Actual Work Remaining Work Critical Remaining Work % Complete

ETN Updated Programme - Progress to 18 Mar 11 JAC Approved

Summary

Activity Name	Start	Original Duration	Activity % Complete	Year
1C-18D-SAS3-284	24-Jan-12	0	0%	10
1C-18D-SAS3-305	24-Jan-12	0	0%	10
1C-18D-TRCK-70	31-Jan-12	7	0%	10
1C-18D-SAS3-297	01-Feb-12	2	0%	10
1C-18D-SAS3-298	01-Feb-12	2	0%	10
1C-18D-SAS3-289	01-Feb-12	2	0%	10
1C-18D-SAS3-420	03-Feb-12	2	0%	120
1C-18D-SAS3-291	07-Feb-12	2	0%	120
1C-18D-SAS3-308	25-Feb-12	4	0%	565
Change & Ducts				
269	09-Jan-12	39	0%	595
1C-18D-SAS3-400	09-Jan-12	1	0%	608
1C-18D-SAS3-261	11-Jan-12	4	0%	600
1C-18D-SAS3-262	17-Jan-12	2	0%	606
1C-18D-SAS3-263	17-Feb-12	11	0%	101
Final Road Construction				
272	15-Feb-12	3	0%	607
1C-18D-SAS3-273	15-Feb-12	1	0%	587
1C-18D-SAS3-274	16-Feb-12	1	0%	587
1C-18D-SAS3-275	17-Feb-12	1	0%	587
Canalway Construction				
286	12-Jan-12	41	0%	597
1C-18D-SAS3-307	12-Jan-12	1	0%	114
1C-18D-SAS3-318	08-Feb-12	6	0%	101
1C-18D-SAS3-430	13-Feb-12	5	0%	585
1C-18D-SAS3-299	16-Feb-12	2	0%	592
1C-18D-SAS3-321	17-Feb-12	1	0%	592
1C-18D-SAS3-292	17-Feb-12	2	0%	585
1C-18D-SAS3-294	20-Feb-12	1	0%	595
1C-18D-SAS3-335	21-Feb-12	1	0%	595
1C-18D-SAS3-309	22-Feb-12	1	0%	595
1C-18D-SAS3-317	23-Feb-12	4	0%	595
1C-18D-SAS3-293	26-Feb-12	4	0%	587
1C-18D-SAS3-470	05-Mar-12	5	0%	101
Phase 4 - PS Eastbound Canalway/Footpaths and Outbound Track				
329	15-Mar-12	47	0%	625
1C-18E-SAS4-460	12-Mar-12	47	0%	554
1C-18E-SAS4-341	12-Mar-12	1	0%	101
1C-18E-AUCS-60	13-Mar-12	2	0%	118
1C-18E-AUCS-50	17-Apr-12	8	0%	629
1C-18E-AUCS-50	27-Apr-12	14	0%	629
Outbound				
322	27-Mar-12	17	0%	633
1C-18E-SAS4-440	27-Mar-12	19	0%	569
1C-18E-SAS4-440	16-Apr-12	1	0%	544
Construction over track				
293	11-Apr-12	3	0%	564

Page 71 of 116

Actual Work Remaining Work Critical Remaining Work

ETN Updated Programme - Progress to 18 Mar 11

Revision

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11-Mar-11

JAC

13-Apr-12

13-Apr-12

Summary

Activity #	Activity Name	Start	Original Duration	Final	Activity % Complete	Year
1C-1BBSAS4-324	150mm Blower	11-Apr-12	1	11-Apr-12	0%	544
1C-1BBSAS4-325	35mm Warning Course	12-Apr-12	1	12-Apr-12	0%	544
1C-1BBSAS4-326	15mm Surface Treatment	13-Apr-12	1	13-Apr-12	0%	544
Commissioning and Testing						
327	Carriageway Construction	27-Mar-12	18	20-Apr-12	0%	559
1C-1BBSAS4-328	Sub-base 200mm all carriageway areas	27-Mar-12	1	27-Mar-12	0%	101
1C-1BBSAS4-329	Kerbing - Earthbound/Islands/Crossings	28-Mar-12	8	08-Apr-12	0%	101
1C-1BBSAS4-332	Signs / Street Furniture	30-Mar-12	5	05-Apr-12	0%	546
1C-1BBSAS4-333	Sub-base slope all carriageway areas	05-Apr-12	3	10-Apr-12	0%	544
1C-1BBSAS4-331	Gullies	09-Apr-12	2	10-Apr-12	0%	544
1C-1BBSAS4-450	Concrete OLE Pole Foundations	10-Apr-12	3	12-Apr-12	0%	101
1C-1BBSAS4-334	Traffic Signals	10-Apr-12	0		0%	546
1C-1BBSAS4-336	225mm Base	10-Apr-12	1	10-Apr-12	0%	545
1C-1BBSAS4-337	60mm Blinder	11-Apr-12	1	11-Apr-12	0%	545
1C-1BBSAS4-338	35mm Warning Course	12-Apr-12	1	12-Apr-12	0%	545
1C-1BBSAS4-335	Footpath Works	12-Apr-12	6	20-Apr-12	0%	101
1C-1BBSAS4-319	Road Signs and Markings	13-Apr-12	1	13-Apr-12	0%	653
Commissioning and Testing						
1C-16SAS-223	Commissioning and Testing	23-Apr-12	0	23-Apr-12	101	
31D Princess Street (inc) to Haymarket (exc)						
39	01D Princess Street (inc) to Haymarket (exc.)	05-Jan-09 A	1776	15-Nov-13	45.16%	266
E & M Installation						
1D-15-04LE-30	Access for visual inspection for EM wayside installation PST - SHP	31-Jan-12	0		0%	541
1D-15-04LE-31	Access for EM wayside installation PST - SHP	26-Feb-12	0		0%	487
1D-14-04LE-30	Access for visual inspection for EM wayside installation SHP - HAY	12-Mar-12	0		0%	427
1D-14-04LE-30	Access for visual inspection to cable pits for cable laying SHP - HAY	26-Jun-12	0		0%	417
1D-1415-04LE-503	Installation of poles and building fittings - 10 (13.0037 - 20.0022)	16-Sep-12	10	03-Oct-12	0%	373
1D-14-04LE-31	Access for EM wayside installation SHP - HAY	18-Sep-12	0		0%	378
1D-1415-04LE-603	Overhead Catenary Line - 10 (13.0037 - 20.0022 + 13.0731 - 13.0810)	02-Oct-12	22	01-Nov-12	0%	373
1D-14-04LE-31	Access to cable pits for cable laying SHP - HAY	03-Oct-12	0		0%	273
1D-15-04LE-30	Access for visual inspection to cable pits for cable laying PST - SHP	15-Oct-12	0		0%	387
1D-14-SIGN-40	Installation of SIG-interlocking cable SHP	15-Oct-12	15	06-Nov-12	0%	395
1D-14-SIGN-80	Installation of SIG-equipment on crossover SHP	30-Oct-12	5	06-Nov-12	0%	395
1D-14-SIGN-80	Commissioning of SIG -interlocking cable SHP	06-Nov-12	5	13-Nov-12	0%	395
1D-1415-TELEC-70	Install Fibre Optic Cables PST - SHP - HAY	13-Nov-12	8	23-Nov-12	0%	356
1D-15-SIGN-60	Install Signaling Wayside Equipment PST - SHP	13-Nov-12	9	26-Nov-12	0%	352
1D-15-TELEC-31	Access to cable pits for cable laying PST - SHP	13-Nov-12	0		0%	342
1D-1616-TELEC-60	Install Fibre Optic Cables SAS - PST - SHP	23-Nov-12	7	09-Jan-13	0%	350
1D-14-SIGN-60	Install Signaling Wayside Equipment SHP - HAY	26-Nov-12	6	09-Jan-13	0%	350
1D-1617-TELEC-60	Install Electrical Cables CAE - HIE	16-Oct-13	23	15-Nov-13	0%	178
Princess Street West (inc) to Shallowford (exc)						
40	Princess Street West (inc) to Shallowford Place (exc.)	05-Jan-09 A	719	23-Nov-11	97.35%	604
Readworks						
12270	Issue Construction Drawings	05-Jan-09 A	719	23-Nov-11		675
Princess Street Ch.290.0-1900-1900						
		05-Jan-09 A	339	27-Feb-09 A	100%	

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

Page 72 of 116

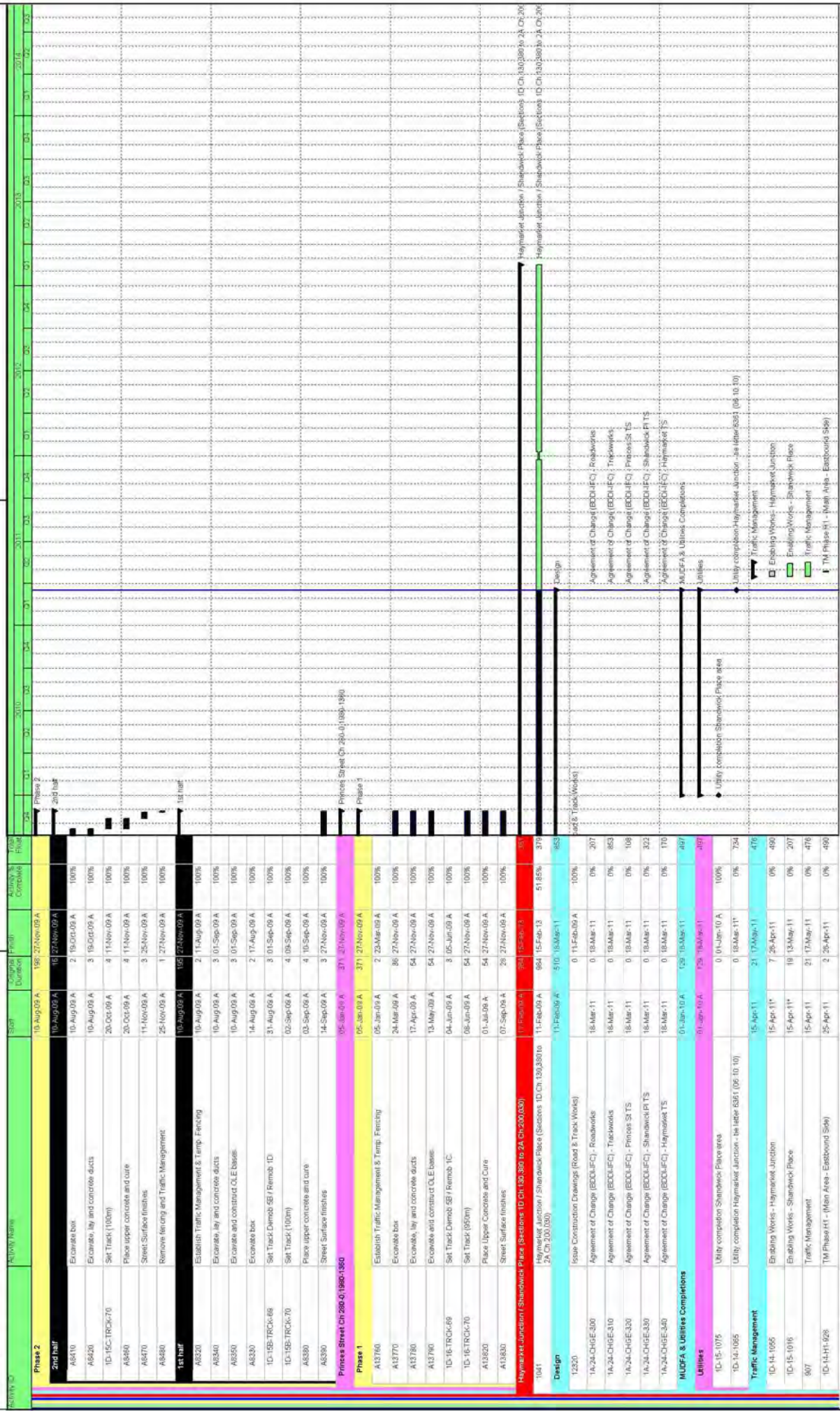
Date: 11-Mar-11

Revision: EITN Updated Programme - Progress to 18 Mar 11

Checked: JAC

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Activity ID	Activity Name	Start	Original Duration	Final Duration	Activity % Complete	Year
South Channel						
A13940	Establish Traffic Management & Temp. Fencing	05-Jan-09 A	360	274-Nov-09 A	100%	2009
A13950	Excavate South kerbside	05-Jan-09 A	2	23-Mar-09 A	100%	2009
A13960	Relay South kerbs	07-Sep-09 A	19	27-Nov-09 A	100%	2009
A13970	Reset Cullies	07-Sep-09 A	49	27-Nov-09 A	100%	2009
A13980	Plane out wearing course	07-Sep-09 A	49	27-Nov-09 A	100%	2009
A13990	Resurface road	07-Sep-09 A	10	27-Nov-09 A	100%	2009
A14000	Pavement (1m strip)	07-Sep-09 A	49	27-Nov-09 A	100%	2009
A14020	Street Lighting / Road signs	25-Nov-09 A	5	27-Nov-09 A	100%	2009
A14010	White Lines	25-Nov-09 A	1	27-Nov-09 A	100%	2009
A14030	Remove fencing and Traffic Management	27-Nov-09 A	3	27-Nov-09 A	100%	2009
North Channel						
A13840	Establish Traffic Management & Temp. Fencing	05-Jan-09 A	353	27-Nov-09 A	100%	2009
A13850	Excavate North kerbside	05-Jan-09 A	2	23-Mar-09 A	100%	2009
A13860	Relay North kerbs	13-Jul-09 A	19	27-Nov-09 A	100%	2009
A13870	Reset Cullies	07-Sep-09 A	49	27-Nov-09 A	100%	2009
A13880	Resurface road	07-Sep-09 A	7	27-Nov-09 A	100%	2009
A13900	Pavement (1m strip)	07-Sep-09 A	49	27-Nov-09 A	100%	2009
A13890	Plane out wearing course	07-Sep-09 A	10	27-Nov-09 A	100%	2009
A13920	Street Lighting / Road signs	23-Nov-09 A	5	27-Nov-09 A	100%	2009
A13910	White Lines	25-Nov-09 A	1	27-Nov-09 A	100%	2009
A13930	Remove fencing and Traffic Management	27-Nov-09 A	1	27-Nov-09 A	100%	2009
Leithan Road Junction Ch 440-280						
Phase 1						
A8250	Establish Traffic Management & Temp. Fencing	05-Jan-09 A	93	30-Mar-09 A	100%	2009
A8260	Take down permanent traffic signs / signals	05-Jan-09 A	2	20-Mar-09 A	100%	2009
A8270	Subbase	05-Jan-09 A	5	30-Mar-09 A	100%	2009
A8280	Temporary surfacing	05-Jan-09 A	2	30-Mar-09 A	100%	2009
A8290	Temporary Traffic signals / signs / white lines	05-Jan-09 A	3	30-Mar-09 A	100%	2009
A8300	Excavate traffic islands	05-Jan-09 A	5	30-Mar-09 A	100%	2009
A8270	Remove fencing and Traffic Management	05-Jan-09 A	3	30-Mar-09 A	100%	2009
Phase 2						
A8400	Establish Traffic Management & Temp. Fencing	27-Oct-11	19	23-Nov-11	66%	2011
A8500	Excavate North kerbside	27-Oct-11	2	31-Oct-11	0%	2011
A8510	Relay North kerbs	31-Oct-11	2	07-Nov-11	0%	2011
A8520	Reset Cullies	04-Nov-11	5	11-Nov-11	0%	2011
A8530	Pavement (1m strip)	07-Nov-11	5	14-Nov-11	0%	2011
A8540	Street Lighting / Road signs	11-Nov-11	5	18-Nov-11	0%	2011
A8570	Plane out wearing course	11-Nov-11	7	22-Nov-11	0%	2011
A8530	Resurface road	14-Nov-11	3	18-Nov-11	0%	2011
A8540	White Lines	15-Nov-11	3	21-Nov-11	0%	2011
A8560	Remove fencing and Traffic Management	21-Nov-11	1	22-Nov-11	0%	2011
A8970	Issue Construction Drawings	22-Nov-11	1	22-Nov-11	0%	2011
Trackworks (70m)						
12280	Issue Construction Drawings	05-Jan-09 A	-410	27-Nov-09 A	100%	2009
Leithan Road Junction Ch 440-280						
Legend						
█	Actual Work	█	Critical Remaining Work	█	% Complete	
█	Remaining Work	◆	Milestone	█	Summary	



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

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

Activity / Activity Name	Start	Complete Duration	Final	Activity % Complete	Year
TD-15-SPI-655	16-May-11	2	17-May-11	0%	2011
1M Phase Ch. 130.960 - 130.380 (Palmerton Place - Princes Street)	16-May-11	384	27-May-12	43%	2011-2012
Phases SPI 2, 3, 4, 5, 6, 7 Ch. 130.960 - 130.380 (Palmerton Place - Princes Street)	17-May-11	384	27-May-12	0%	43%
Phases SPI 2, 3, 4, 5, 6, 7 Ch. 130.960 - 130.380 (Palmerton Place - Princes Street)	17-May-11	384	27-May-12	0%	43%
Section Wide	17-May-11	384	27-May-12	43%	
TD-1475-463	5	24-May-11		0%	164
Erect Pedestrian Barrier	5	24-May-11		0%	164
TD-1475-730	24-May-11	0		0%	164
Protect Dwarf Walls (Used Monuments)	24-May-11	0		0%	164
TD-1475-501	4	31-May-11		0%	164
Tree Removal	4	31-May-11		0%	164
TD-1475-502	20	22-Jun-11		0%	645
Site Clearance & Site Compound	20	22-Jun-11		0%	645
TD-1475-463	24-May-11	4	31-May-11	0%	164
Investigate services / utility positions / infra-structure positions / levels	24-May-11	4	31-May-11	0%	164
TD-1475-INC5-00	14-Aug-12	11	28-Aug-12	0%	493
Installation of traffic light control - Junction 41	14-Aug-12	11	28-Aug-12	0%	493
TD-1475-INC5-20	29-Aug-12	5	06-Sep-12	0%	488
Installation of traffic light control - Junction 42	29-Aug-12	5	06-Sep-12	0%	488
TD-1475-INC5-60	05-Sep-12	4	11-Sep-12	0%	484
Installation of traffic light control - Junction 43	05-Sep-12	4	11-Sep-12	0%	484
TD-1475-INC5-50	11-Sep-12	9	18-Sep-12	0%	478
Installation of traffic light control - Junction 44	11-Sep-12	9	18-Sep-12	0%	478
TD-1475-INC5-100	16-Sep-12	3	21-Sep-12	0%	475
Installation of traffic light control - Junction 45	16-Sep-12	3	21-Sep-12	0%	475
Phase SPI 1 - Inbound Ch. 130.670 - 130.380 (Creascents to Princes Street)	26-May-11	(w/ 26-Oct-11)		0%	667
494	26-May-11	109	25-Oct-11	0%	695
Phase SPI 1 - Inbound Ch. 130.670 - 130.380 (Creascents to Princes Street)	26-May-11	109	25-Oct-11	0%	695
TD-140-SPI-695	31-May-11	4	06-Jun-11	0%	164
Place Main Carriageway 250mm	31-May-11	4	06-Jun-11	0%	164
TD-140-SPI-514	31-May-11	5	07-Jun-11	0%	234
Core/Cast OLE Pole Foundations	31-May-11	5	07-Jun-11	0%	234
TD-140-SPI-516	06-Jun-11	13	23-Jun-11	0%	164
Excavate to Formation for Carriageway and Track (incl for Signal Joints)	06-Jun-11	13	23-Jun-11	0%	164
TD-140-SPI-487	06-Jun-11	13	23-Jun-11	0%	644
Remove existing leads	06-Jun-11	13	23-Jun-11	0%	644
TD-140-SPI-488	06-Jun-11	0		0%	174
Check suitability of formation (ongoing)	06-Jun-11	0		0%	174
TD-140-SPI-489	16-Jun-11	5	25-Jun-11	0%	166
Capping Layer to Adjacent Carriageway (600mm)	16-Jun-11	5	25-Jun-11	0%	166
TD-140-SPI-520	23-Jun-11	2	27-Jun-11	0%	164
Make good Formation with Type 1 (Ave 230mm)	23-Jun-11	2	27-Jun-11	0%	164
TD-140-SPI-511	27-Jun-11	2	28-Jun-11	0%	164
Installation of MU Drains and Cable Ducting	27-Jun-11	2	28-Jun-11	0%	164
TD-140-SPI-512	29-Jun-11	1	30-Jun-11	0%	164
Carry out inspection and testing of Subgrade	29-Jun-11	1	30-Jun-11	0%	164
TD-140-SPI-513	30-Jun-11	4	06-Jul-11	0%	164
Binding Concrete	30-Jun-11	4	06-Jul-11	0%	164
TD-140-SPI-564	06-Jul-11	9	16-Jul-11	0%	164
250mm RC Improvement Slab (+ core lag)	06-Jul-11	9	16-Jul-11	0%	164
TD-140-SPI-565	20-Jul-11	0		0%	164
Access for Track Laying	20-Jul-11	0		0%	164
TD-140-TRCK-7063	20-Jul-11	14	13-Sep-11	0%	164
Set track (1x250mm) (sleepers only) + ties	20-Jul-11	14	13-Sep-11	0%	164
TD-140-SPI-568	21-Jul-11	8	06-Sep-11	0%	292
Welding & Grinding	21-Jul-11	8	06-Sep-11	0%	292
TD-140-SPI-499	21-Jul-11	8	06-Sep-11	0%	292
Drainage / Rail Connections	21-Jul-11	8	06-Sep-11	0%	292
TD-140-SPI-330	21-Jul-11	8	06-Sep-11	0%	292
Installation of MU Boxes and Leads	21-Jul-11	8	06-Sep-11	0%	292
TD-140-SPI-521	22-Jul-11	8	07-Sep-11	0%	164
Final Rail Alignment - Check and Approve	22-Jul-11	8	07-Sep-11	0%	164
TD-140-SPI-522	26-Jul-11	10	13-Sep-11	0%	266
200mm Concrete Supporting Layer (+ core lag)	26-Jul-11	10	13-Sep-11	0%	266
TD-140-SPI-555	13-Sep-11	6	21-Sep-11	0%	605
OLE Wall Forming Inbound	13-Sep-11	6	21-Sep-11	0%	605
TD-140-SPI-523	05-Oct-11	5	13-Oct-11	0%	596
Mit Rail Joint / Sealing Compound	05-Oct-11	5	13-Oct-11	0%	596
Drainage & Ducts	26-May-11	88	27-Sep-11	70%	708
486	26-May-11	88	27-Sep-11	70%	708
Drainage & Ducts	26-May-11	88	27-Sep-11	70%	708
TD-140-SPI-487	26-May-11	5	03-Jun-11	0%	155
Outfall Connections	26-May-11	5	03-Jun-11	0%	155
TD-140-SPI-478	06-Jun-11	14	24-Jun-11	0%	331
Drainage to Discharge Points	06-Jun-11	14	24-Jun-11	0%	331
TD-140-SPI-690	23-Jun-11	0		0%	183
Traction Ducts & Chambers	23-Jun-11	0		0%	183
TD-140-SPI-491	23-Jun-11	17	18-Jul-11	0%	166
Comms Ducts & Chambers	23-Jun-11	17	18-Jul-11	0%	166
TD-140-SPI-479	24-Jun-11	3	26-Jun-11	0%	640
Aco Channel	24-Jun-11	3	26-Jun-11	0%	640
TD-140-SPI-492	24-Jun-11	4	30-Jun-11	0%	630
Traffic Signal Ducts	24-Jun-11	4	30-Jun-11	0%	630

Page 75 of 116

Approved

11-Mar-11

ETN Updated Programme - Progress to 18 Mar 11

JAC

Revision

Checked

Approved

Actual Work

Remaining Work

Critical Remaining Work

Milestone

% Complete

Summary

Activity ID	Activity Name	Start	Complete Duration	Final	Activity % Complete	Year	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
1D-14P-SF3-577	O.E. Wall Finings Outbound	26-Feb-12	6	08-Mar-12	0%	513												
1D-14P-SF3-618	M6 Ball Joint / Sealing Compound	26-Mar-12	6	03-Apr-12	0%	495												
Drainage & Ducts																		
569	Damage & Ducts	27-Oct-11	97	26-Mar-12	0%	577												
1D-14P-SF3-570	Outfall Connections	27-Oct-11	4	07-Nov-11	0%	334												
1D-14P-SF3-571	Drainage to Discharge Points	07-Nov-11	13	24-Nov-11	0%	334												
1D-14P-SF3-572	Traction Ducts & Chambers	08-Nov-11	24	18-Jun-12	0%	289												
1D-14P-SF3-573	Comms Ducts & Chambers	08-Nov-11	0	30-Nov-11	0%	313												
1D-14P-SF3-574	Traffic Signal Ducts	24-Nov-11	4	30-Nov-11	0%	549												
1D-14P-SF3-575	Lighting Ducts	14-Mar-12	8	26-Mar-12	0%	273												
Crescent																		
866	Crescent	26-Mar-12	22	26-Apr-12	0%	316												
1D-14P-SF3-826	Excavate existing junction	26-Mar-12	1	27-Mar-12	0%	273												
1D-14P-SF3-807	kerbing	27-Mar-12	10	11-Apr-12	0%	273												
1D-14P-SF3-818	Saltd Area	11-Apr-12	7	20-Apr-12	0%	273												
1D-14P-SF3-809	Floodpath	26-Apr-12	4	26-Apr-12	0%	273												
Pavement Construction over tracks																		
1010	Pavement Construction over tracks	07-Mar-12	6	15-Mar-12	0%	597												
1D-14P-SF3-821	120mm Blinder	07-Mar-12	6	15-Mar-12	0%	587												
1D-14P-SF3-792	35mm Wearing Course	07-Mar-12	9	13-Mar-12	0%	502												
1D-14P-SF3-803	15mm Surface Treatment	13-Mar-12	2	15-Mar-12	0%	502												
Phase SP3 Carriageway Construction																		
604	Phase SP3 Carriageway Construction	08-Nov-11	92	30-Mar-12	0%	582												
1D-14P-SF3-605	Sub-base 220mm all carriageway areas	08-Nov-11	4	15-Nov-11	0%	233												
1D-14P-SF3-606	kerbing: Eastbound/Islands/Crossings	26-Feb-12	10	14-Mar-12	0%	273												
1D-14P-SF3-608	Signs / Street Furniture	02-Mar-12	5	08-Mar-12	0%	498												
1D-14P-SF3-609	Sub-base shape all carriageway areas	06-Mar-12	4	15-Mar-12	0%	508												
1D-14P-SF3-607	Gullies	13-Mar-12	2	15-Mar-12	0%	508												
1D-14P-SF3-610	Traffic Signals	14-Mar-12	0	0%	500													
1D-14P-SF3-611	Reurban Guardrail	14-Mar-12	2	16-Mar-12	0%	506												
1D-14P-SF3-612	Floodpath Works	14-Mar-12	12	30-Mar-12	0%	497												
1D-14P-SF3-613	250mm Base	14-Mar-12	5	21-Mar-12	0%	495												
1D-14P-SF3-614	60mm Blinder	21-Mar-12	2	23-Mar-12	0%	495												
1D-14P-SF3-615	35mm Wearing Course	23-Mar-12	1	26-Mar-12	0%	495												
Phase SP7 - Outbound Ch.130,650 (East Aboli Crescent)																		
783	Phase SP7 - Outbound Ch.130,650 (East Aboli Crescent)	30-Oct-12	30	27-Nov-12	0%	414												
1D-14-SF7-769	Make good Formation with Type 1	13-Nov-12	1	14-Nov-12	0%	345												
1D-14-SF7-776	Traffic Signals	13-Nov-12	5	30-Nov-12	0%	360												
Drainage & Ducts																		
764	Drainage & Ducts	01-Nov-12	8	13-Nov-12	0%	407												
1D-14-SF7-765	Outfall Connections	01-Nov-12	2	05-Nov-12	0%	342												
1D-14-SF7-766	Damage to Discharge Points	05-Nov-12	4	09-Nov-12	0%	342												
1D-14-SF7-767	Traffic Signal Ducts	06-Nov-12	2	13-Nov-12	0%	342												
1D-14-SF7-768	Lighting Ducts	06-Nov-12	2	13-Nov-12	0%	342												

Page 77 of 116

Approved

Checked

Revision

ETN Updated Programme - Progress to 18 Mar 11

JAC

11-Mar-11

Date

Actual Work

Remaining Work

Critical Remaining Work

Milestone

% Complete

Summary

Activity ID	Activity Name	Start	Original Duration	Final Duration	Activity % Complete	Year	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Crecent																
771	Crecent	30-Oct-12	20	27-Nov-12	0%	404										
TD-14-SP7-772	Excavate existing junction	30-Oct-12	2	27-Nov-12	0%	404										
TD-14-SP7-773	kerfing	01-Nov-12	10	15-Nov-12	0%	356										
TD-14-SP7-774	Striped Area	14-Nov-12	6	22-Nov-12	0%	345										
TD-14-SP7-775	Footpath	22-Nov-12	3	27-Nov-12	0%	345										
Phase SP4 - Ch. 130.813 - 130.867 (Crecent / Abial Crecent)																
617	Phase SP4 - Ch. 130.813 - 130.867 (Crecent / Abial Crecent)	04-Oct-11	110	20-Mar-12	0%	804										
TD-14R-SP4-618	Plane Main Camerigway for Overlay	04-Oct-11	3	07-Oct-11	0%	164										
TD-14R-SP4-626	Core/Cast OLE Pole Foundations	04-Oct-11	19	28-Oct-11	0%	578										
TD-14R-SP4-627	Excavate to Formation for Camerigway and Track (incl for Slapping Type 1)	07-Oct-11	13	26-Oct-11	0%	273										
TD-14R-SP4-628	Remove existing kerbs	07-Oct-11	13	26-Oct-11	0%	586										
TD-14R-SP4-629	Check suitability of formation (ongoing)	07-Oct-11	0	0%	279											
TD-14R-SP4-630	Capping Layer to Adjacent Camerigway (600mm)	11-Oct-11	11	26-Oct-11	0%	271										
TD-14R-SP4-631	Make good Formation with Type 1 (Ave 230mm)	26-Oct-11	2	28-Oct-11	0%	273										
TD-14R-SP4-632	Installation of IMU Drains and Cable Ducting	28-Oct-11	4	08-Nov-11	0%	273										
TD-14R-SP4-633	Carry out inspection and testing of Subgrade	08-Nov-11	1	08-Nov-11	0%	273										
TD-14R-SP4-634	Binding Concrete	08-Nov-11	4	15-Nov-11	0%	273										
TD-14R-SP4-635	250mm RC Improvement Slab (+ cure lag)	15-Nov-11	10	29-Nov-11	0%	273										
TD-14R-SP4-638	Access for Track Laying	01-Dec-11	0	0%	273											
TD-14R-SP4-637	Installation of Noise & Vibration Mit (if need)	01-Dec-11	0	0%	273											
TD-14R-TR0K-682	Track Crossover + mob	01-Dec-11	13	25-Jan-12	0%	273										
TD-14R/15-SP4-70	point machine mechanical set up	02-Dec-11	10	15-Dec-11	0%	662										
TD-14R-TR0K-703	Set track (2x 140mm (steepstrail)) + mob	25-Jan-12	15	15-Feb-12	0%	273										
TD-14R-SP4-640	Welding & Grinding	26-Jan-12	9	08-Feb-12	0%	273										
TD-14R-SP4-641	Drainage / Rail Connections	26-Jan-12	9	08-Feb-12	0%	511										
TD-14R-SP4-642	Installation of IMU Boxes and Loops	26-Jan-12	9	08-Feb-12	0%	511										
TD-14R-SP4-643	Final Rail Alignment - Check and Approve	27-Jan-12	9	08-Feb-12	0%	273										
TD-14R-SP4-644	230mm Concrete Supporting Layer (+ cure lag)	31-Jan-12	12	16-Feb-12	0%	595										
Drainage & Ducts																
619	Drainage & Ducts	07-Oct-11	59	12-Jan-12	0%	615										
TD-14R-SP4-620	Outfall Connections	07-Oct-11	59	12-Jan-12	0%	615										
TD-14R-SP4-621	Drainage to Discharge Points	10-Oct-11	1	10-Oct-11	0%	164										
TD-14R-SP4-622	Traction Ducts & Chambers	24-Oct-11	12	16-Nov-11	0%	284										
TD-14R-SP4-623	Comms Ducts & Chambers	26-Oct-11	8	10-Nov-11	0%	286										
TD-14R-SP4-624	Traffic Signal Ducts	26-Oct-11	2	04-Nov-11	0%	296										
TD-14R-SP4-625	Lighting Ducts	17-Nov-11	14	12-Jan-12	0%	550										
Sharnwick Place Tram Stop																
645	Sharnwick Place Tram Stop	26-Oct-11	74	23-Feb-12	0%	108										
TD-14R-SP4-646	Ducting and Chambers	26-Oct-11	74	23-Feb-12	0%	809										
TD-14R-SP4-647	Tramstop Platform	26-Oct-11	15	23-Nov-11	0%	164										
TD-14R-SP4-648	Deliver and Install Tramstop Shelter (Ita)	23-Feb-12	0	0%	523											
Pavement Construction over Tracks																
629	Pavement Construction over tracks	26-Feb-12	17	16-Mar-12	0%	591										
TD-14R-SP4-1020	150mm Blown	23-Feb-12	3	28-Feb-12	0%	917										

Page 78 of 116

Actual Work Remaining Work Critical Remaining Work % Complete

11-Mar-11 ETN Updated Programme - Progress to 18 Mar 11 JAC Approved

Summary

Update Programme

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

EDINBURGH TRAM NETWORK



Activity ID	Activity Name	Start	Complete Duration	Actual Start	Actual End	Activity % Complete	Year
TD-14R-SP4-841	35mm Wearing Course	26-Feb-12	1	26-Feb-12	0%	517	2012
TD-14R-SP4-802	15mm Surface Treatment	15-Mar-12	2	15-Mar-12	0%	508	2012
Phase SP4 Carriageway Construction							
833	Phase SP4 Carriageway Construction	26-Oct-11	94	20-Mar-12	50%	550	2012
TD-14R-SP4-844	Sub-base 220mm at carriageway areas	26-Oct-11	94	20-Mar-12	0%	596	2012
TD-14R-SP4-835	kerbing, Estbound/Westbound RT	04-Nov-11	9	17-Nov-11	0%	271	2011
TD-14R-SP4-847	Signs / Street Furniture	08-Nov-11	5	15-Nov-11	0%	280	2011
TD-14R-SP4-868	Sub-base slope at carriageway area	10-Nov-11	6	18-Nov-11	0%	277	2011
TD-14R-SP4-866	Gullies	15-Nov-11	3	18-Nov-11	0%	271	2011
TD-14R-SP4-849	Traffic Signals	17-Nov-11	2	21-Nov-11	0%	281	2011
TD-14R-SP4-1040	Pedestrian Guardrails	17-Nov-11	0		0%	596	2011
TD-14R-SP4-851	Excavate Works	18-Nov-11	0		0%	596	2011
TD-14R-SP4-822	225mm Blaise - Nearside Lanes only	18-Nov-11	5	25-Nov-11	0%	277	2011
TD-14R-SP4-843	kerbing, Transing 07K/11	16-Feb-12	4	07-Mar-12	0%	505	2012
TD-14R-SP4-854	Sailed Area	23-Feb-12	18	20-Mar-12	0%	505	2012
TD-14R-SP4-805	225mm Blaise	07-Mar-12	2	09-Mar-12	0%	508	2012
TD-14R-SP4-876	60mm Binder	08-Mar-12	2	13-Mar-12	0%	506	2012
TD-14R-SP4-857	35mm Wearing Course	13-Mar-12	2	15-Mar-12	0%	506	2012
Phase SP5 - Outbound Ch. 130.850 - 130.813 (Palmerston Place - Crescents)							
729	Phase SP5 - Outbound Ch. 130.850 - 130.813 (Palmerston Place - Crescents)	26-Apr-12	30	19-Jun-12	0%	529	2012
TD-14W-SP5-706	Phase Main Carriageway 250mm	26-Apr-12	1	27-Apr-12	0%	278	2012
TD-14W-SP5-727	Core/Cast C/E Pole Foundations	26-Apr-12	2	30-Apr-12	0%	278	2012
TD-14W-SP5-748	Excavate to Formation for Carriageway and Track (incl for Capping Type 1)	27-Apr-12	2	01-May-12	0%	279	2012
TD-14W-SP5-719	Remove existing kerbs	27-Apr-12	2	01-May-12	0%	476	2012
TD-14W-SP5-740	Check suitability of formation (ongoing)	27-Apr-12	0		0%	274	2012
TD-14W-SP5-741	Capping Layer to Adjacent Carriageway (600mm)	30-Apr-12	1	01-May-12	0%	279	2012
TD-14W-SP5-722	Make good Formation with Type 1 (Ave 220mm)	01-May-12	1	02-May-12	0%	278	2012
TD-14W-SP5-723	Installation of IMU Drains and Cable Ducting	02-May-12	1	03-May-12	0%	278	2012
TD-14W-SP5-754	Carry out inspection and testing of Subgrade	03-May-12	1	04-May-12	0%	278	2012
TD-14W-SP5-675	Binring Concrete	04-May-12	1	08-May-12	0%	278	2012
TD-14W-SP5-759	250mm RC Improvement Slab (+ core lag)	06-May-12	1	08-May-12	0%	278	2012
TD-14W-SP5-737	Access for Track Laying	16-May-12	0		0%	278	2012
TD-14W-SP5-746	Installation of Noise & Vibration Mat (if reqd)	16-May-12	0		0%	278	2012
TD-14WTRCH-703	Set track (base/obsecrete) + mob	16-May-12	6	28-May-12	0%	278	2012
TD-14W-SP5-660	Welding & Bracing	21-May-12	2	23-May-12	0%	278	2012
TD-14W-SP5-751	Drainage / Rail Connections	21-May-12	2	23-May-12	0%	278	2012
TD-14W-SP5-722	Installation of IMU Boxes and Loops	21-May-12	2	23-May-12	0%	278	2012
TD-14W-SP5-733	Final Rail Alignment - Check and Approve	23-May-12	2	24-May-12	0%	278	2012
TD-14W-SP5-784	200mm Concrete Supporting Layer (+ core lag)	24-May-12	2	28-May-12	0%	279	2012
TD-14W-SP5-615	Road Signs and Markings	11-Jun-12	5	19-Jun-12	0%	444	2012
TD-14W-SP5-786	Mill Rail Joint / Sealing Compound	13-Jun-12	5	19-Jun-12	0%	279	2012
830	Drainage & Ducts	26-Apr-12	11	14-May-12	50%	503	2012
TD-14W-SP5-731	Drainage & Ducts	26-Apr-12	11	14-May-12	0%	655	2012
TD-14W-SP5-711	Outfall Connections	30-Apr-12	3	30-Apr-12	0%	283	2012
TD-14W-SP5-712	Drainage to Discharge Points	30-Apr-12	3	03-May-12	0%	283	2012

Page 79 of 116

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

Date: 11-Mar-11
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 Checked: JAC
 Approved:

Activity ID	Activity Name	Start	Original Duration	Final Duration	Activity % Complete	Year	Month	Day	
TD-14W-SP5-712	Traction Ducts & Chambers	01-May-12	9	04-May-12	0%	2012	05	01	
TD-14W-SP5-744	Comms Ducts & Chambers	01-May-12	0	0%	2012	05	01	01	
TD-14W-SP5-795	Traffic Signal Ducts	03-May-12	0	0%	2012	05	03	01	
TD-14W-SP5-746	Lighting Ducts	03-May-12	2	14-May-12	0%	2012	05	03	01
Pavement Construction over tracks									
875	Pavement Construction over tracks	05-Jun-12	5	02-Jun-12	24%	2012	06	05	
TD-14W-SP5-846	140mm Blot	05-Jun-12	5	12-Jun-12	0%	2012	06	05	
TD-14W-SP5-827	35mm Wearing Course	05-Jun-12	1	07-Jun-12	0%	2012	06	05	
TD-14W-SP5-838	15mm Surface Treatment	11-Jun-12	1	12-Jun-12	0%	2012	06	11	
Crescent									
839	Crescent	05-May-12	15	30-May-12	54%	2012	05	05	
TD-14W-SP5-1030	Excavate existing junction	05-May-12	15	30-May-12	0%	2012	05	05	
TD-14W-SP5-821	Kerbing	08-May-12	1	08-May-12	0%	2012	05	08	
TD-14W-SP5-812	Sailed Area	10-May-12	10	24-May-12	0%	2012	05	10	
TD-14W-SP5-823	Floodpath	10-May-12	6	24-May-12	0%	2012	05	10	
TD-14W-SP5-823	Floodpath	24-May-12	3	30-May-12	0%	2012	05	24	
Phase SP6 Carriageway Construction (incl crescent)									
814	Phase SP6 Carriageway Construction (incl crescent)	01-May-12	27	11-Jun-12	53%	2012	05	01	
TD-14W-SP5-845	Sub-base 200mm all carriageway areas	01-May-12	27	11-Jun-12	0%	2012	05	01	
TD-14W-SP5-816	Kerbing - Eastbound/lands/Crossings	01-May-12	4	08-May-12	0%	2012	05	01	
TD-14W-SP5-787	Gullies	05-May-12	2	10-May-12	0%	2012	05	05	
TD-14W-SP5-798	Signs / Street Furniture	05-May-12	2	10-May-12	0%	2012	05	05	
TD-14W-SP5-778	Sub-base single all carriageway areas	10-May-12	5	17-May-12	0%	2012	05	10	
TD-14W-SP5-880	Traffic Signals	10-May-12	1	11-May-12	0%	2012	05	10	
TD-14W-SP5-791	Floodpath Works	10-May-12	0	0%	2012	05	10		
TD-14W-SP5-762	225mm Base	10-May-12	10	24-May-12	0%	2012	05	10	
TD-14W-SP5-783	60mm Blot	17-May-12	1	18-May-12	0%	2012	05	17	
TD-14W-SP5-824	35mm Wearing Course	07-Jun-12	1	08-Jun-12	0%	2012	06	07	
TD-14W-SP5-824	35mm Wearing Course	08-Jun-12	1	11-Jun-12	0%	2012	06	08	
Phase SP6 - Inbound Ch. 130.860 - 130.813 (Palmerston Place - Crescent)									
867	Phase SP6 - Inbound Ch. 130.860 - 130.813 (Palmerston Place - Crescent)	16-Jun-12	94	30-Oct-12	0%	2012	06	16	
TD-14X-SP6-826	Align Main Carriageway 250mm	16-Jun-12	2	21-Jun-12	0%	2012	06	16	
TD-14X-SP6-888	Core/Cast GLE Pole Foundations	16-Jun-12	8	22-Jun-12	0%	2012	06	16	
TD-14X-SP6-888	Excavate to Formation for Carriageway and Track (incl for Repairs) (10-14m)(deep/2/1) + mob	21-Jun-12	4	27-Jun-12	0%	2012	06	21	
TD-14X-SP6-869	Remove existing kerbs	21-Jun-12	4	27-Jun-12	0%	2012	06	21	
TD-14X-SP6-1050	Check suitability of formation (ongoing)	21-Jun-12	0	0%	2012	06	21		
TD-14X-SP6-871	Capping Layer to Adjacent Carriageway (60mm)	25-Jun-12	3	27-Jun-12	0%	2012	06	25	
TD-14X-SP6-832	Make good Formation with Type 1 (Ave 220mm)	27-Jun-12	1	28-Jun-12	0%	2012	06	27	
TD-14X-SP6-853	Installation of MU Drains and Cable Ducting	28-Jun-12	2	02-Jul-12	0%	2012	06	28	
TD-14X-SP6-864	Carry out inspection and testing of Subgrade	03-Jul-12	1	03-Jul-12	0%	2012	06	03	
TD-14X-SP6-915	Binding Concrete	03-Jul-12	2	05-Jul-12	0%	2012	06	03	
TD-14X-SP6-866	250mm RC Improvement Slab (1 - core lag)	05-Jul-12	5	12-Jul-12	0%	2012	06	05	
TD-14X-SP6-887	Access for Track Laying	01-Aug-12	0	0%	2012	06	01		
TD-14X-SP6-888	Installation of Noise & Vibration Mit (if need)	01-Aug-12	0	0%	2012	06	01		
TD-14X-TRCK-703	Set track (10-14m)(deep/2/1) + mob	01-Aug-12	8	17-Sep-12	0%	2012	06	01	
TD-14X-SP6-1000	Working & Grinding	02-Aug-12	4	12-Sep-12	0%	2012	06	02	
TD-14X-SP6-881	Demag/ Rail Connections	02-Aug-12	4	12-Sep-12	0%	2012	06	02	

Page 80 of 116

Legend:
█ Actual Work
█ Critical Remaining Work
█ Remaining Work
▬ Milestone
◆ % Complete
▬ Summary

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Update Programme

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

EDINBURGH TRAM NETWORK



Activity ID	Activity Name	Start	Complete Duration	Final	Activity % Complete	Year
TD-14V-SF6-842	Installation of IMU Boxes and Loops	02-Aug-12	4	13-Sep-12	0%	2011
TD-14V-SF6-883	Final Rail Alignment - Checks and Approve	03-Aug-12	4	13-Sep-12	0%	2011
TD-14V-SF6-874	230mm Concrete Supporting Layer (+ core lag)	11-Sep-12	5	18-Sep-12	0%	2011
TD-14V-SF6-877	OLE Nail Filings Inboard	18-Sep-12	3	21-Sep-12	0%	2011
TD-14V-SF6-852	MR Rail Joint / Sealing Compound	03-Oct-12	3	08-Oct-12	0%	2011
TD-14V-SF6-851	Drainage & Ducts	18-Jun-12	21	18-Jul-12	50%	2011
529	Drainage & Ducts	18-Jun-12	21	18-Jul-12	0%	2011
TD-14V-SF6-1120	Outfall Connections	18-Jun-12	1	30-Jun-12	0%	2011
TD-14V-SF6-861	Drainage to Exchange Points	21-Jun-12	7	03-Jul-12	0%	2011
TD-14V-SF6-922	Traction Ducts & Chambers	27-Jun-12	7	05-Jul-12	0%	2011
TD-14V-SF6-933	Cornis Ducts & Chambers	27-Jun-12	7	05-Jul-12	0%	2011
TD-14V-SF6-944	Traction Signal Ducts	03-Jul-12	4	05-Jul-12	0%	2011
TD-14V-SF6-975	Lighting Ducts	16-Jul-12	2	16-Jul-12	0%	2011
TD-14V-SF6-975	Lighting Ducts	16-Jul-12	2	16-Jul-12	0%	2011
888	Pavement Construction over tracks	25-Sep-12	6	03-Oct-12	45%	2011
TD-14V-SF6-866	Pavement Construction over tracks	25-Sep-12	6	03-Oct-12	0%	2011
TD-14V-SF6-867	120mm Binder	25-Sep-12	2	27-Sep-12	0%	2011
TD-14V-SF6-837	35mm Wearing Course	27-Sep-12	1	28-Sep-12	0%	2011
TD-14V-SF6-858	15mm Surface Treatment	02-Oct-12	1	03-Oct-12	0%	2011
789	Phase SF6 Carriageway Construction (incl crescent)	27-Jun-12	88	30-Oct-12	43%	2011
TD-14V-SF6-960	Sub-base 200mm all carriageway areas	27-Jun-12	4	03-Jul-12	0%	2011
TD-14V-SF6-871	kerbing - Eastbound side & Crossings	03-Jul-12	9	16-Jul-12	0%	2011
TD-14V-SF6-793	Signs / Street Furniture	05-Jul-12	5	12-Jul-12	0%	2011
TD-14V-SF6-834	Sub-base shape all carriageway areas	11-Jul-12	4	17-Jul-12	0%	2011
TD-14V-SF6-782	Gullies	13-Jul-12	2	17-Jul-12	0%	2011
TD-14V-SF6-855	Traffic Signals	16-Jul-12	10	01-Aug-12	0%	2011
TD-14V-SF6-826	Footpath Works	16-Jul-12	11	03-Aug-12	0%	2011
TD-14V-SF6-797	225mm Base	26-Jul-12	2	01-Aug-12	0%	2011
TD-14V-SF6-809	60mm Binder	26-Sep-12	1	01-Oct-12	0%	2011
TD-14V-SF6-799	35mm Wearing Course	01-Oct-12	1	03-Oct-12	0%	2011
TD-14V-SF6-1090	Finalise to Crescents	02-Oct-12	20	30-Oct-12	0%	2011
TD-14V-SF6-811	Road Signs and Markings	02-Oct-12	5	05-Oct-12	0%	2011
524	Phase SP2 - Outbound Ch. 130,960 - 130,990 (Palmerston Place - Crescents)	03-Jun-11	89	04-Oct-11	100%	2010
TD-14V-SF2-525	Align Main Carriageway 250mm	03-Jun-11	2	08-Jun-11	0%	2010
TD-14V-SF2-545	Excavate to Formation for Carriageway and Track (incl for Capping Type 1)	26-Jun-11	7	04-Jul-11	0%	2010
TD-14V-SF2-536	Remove existing kerbs	28-Jun-11	7	04-Jul-11	0%	2010
TD-14V-SF2-537	Check suitability of formation (ongoing)	28-Jun-11	0		0%	2010
TD-14V-SF2-538	Capping Layer to Adjacent Carriageway (600mm)	24-Jun-11	6	04-Jul-11	0%	2010
TD-14V-SF2-533	Core/Cast ULE Pile Foundations	04-Jul-11	3	07-Jul-11	0%	2010
TD-14V-SF2-539	Make good Formation with Type 1 (400-200mm)	04-Jul-11	1	05-Jul-11	0%	2010
TD-14V-SF2-700	Installation of IMU Drains and Cable Ducting	05-Jul-11	2	07-Jul-11	0%	2010
TD-14V-SF2-541	Carry out inspection and testing of Subgrade	07-Jul-11	1	08-Jul-11	0%	2010
TD-14V-SF2-542	Binding Concrete	08-Jul-11	1	11-Jul-11	0%	2010
TD-14V-SF2-543	250mm RC (improvement stack (+ core lag))	11-Jul-11	4	15-Jul-11	0%	2010

Page 81 of 116

Actual Work Remaining Work % Complete

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

Approved

Summary

Activity ID	Activity Name	Start	Complete Duration	Final	Activity % Complete	Year
TD-14V-SP2-544	Access for Track Laying	25-Jun-11	0		0%	11
TD-14V-SP2-545	Installation of Noise & Vibration Mit. (if req'd)	07-Sep-11	0		0%	11
TD-14V-TRCK-70(3)	Set track (1x100m)(diagonal) + mob	07-Sep-11	7	18-Sep-11	0%	11
TD-14V-SP2-547	Welding & Grinding	08-Sep-11	3	13-Sep-11	0%	11
TD-14V-SP2-548	Drainage / Rail Connections	08-Sep-11	3	13-Sep-11	0%	11
TD-14V-SP2-549	Installation of MU Boxes and Loops	08-Sep-11	3	13-Sep-11	0%	11
TD-14V-SP2-550	Final Rail Alignment - Check and Approve	09-Sep-11	3	14-Sep-11	0%	11
TD-14V-SP2-551	200mm Concrete Supporting Layer (+ cure lag)	13-Sep-11	4	18-Sep-11	0%	11
TD-14V-SP2-554	OLE Wall Finings Outbound	18-Sep-11	2	21-Sep-11	0%	11
TD-14V-SP2-554	OLE Wall Finings Outbound	03-Jun-11	33	20-Jul-11	75%	11
526	Drainage & Ducts	03-Jun-11	30	20-Jul-11	0%	11
TD-14V-SP2-527	Drainage & Ducts	03-Jun-11	4	08-Jun-11	0%	11
TD-14V-SP2-528	Outfall Connections	08-Jun-11	4	15-Jun-11	0%	11
TD-14V-SP2-531	Drainage to Discharge Points	15-Jun-11	4	21-Jun-11	0%	11
TD-14V-SP2-529	Traffic Signal Ducts	04-Jul-11	10	18-Jul-11	0%	11
TD-14V-SP2-720	Traction Ducts & Chambers	04-Jul-11	0		0%	11
TD-14V-SP2-532	Comms Ducts & Chambers	18-Jul-11	2	26-Jul-11	0%	11
552	Lighting Ducts	26-Sep-11	6	04-Oct-11	100%	11
TD-14V-SP2-553	Pavement Construction over tracks	26-Sep-11	6	04-Oct-11	0%	11
TD-14V-SP2-554	120mm Blinder	26-Sep-11	1	27-Sep-11	0%	11
TD-14V-SP2-555	35mm Wearing Course	03-Oct-11	1	04-Oct-11	0%	11
556	15mm Surface Treatment	04-Jul-11	64	03-Oct-11	70%	11
TD-14V-SP2-557	Phase SP2 Carriageway Construction	04-Jul-11	64	03-Oct-11	0%	11
TD-14V-SP2-558	Sub-base 220mm all carriageway areas	08-Jul-11	4	08-Jul-11	0%	11
TD-14V-SP2-810	Kerbing - Eastbound/Islands/Crossings	12-Jul-11	5	19-Jul-11	0%	11
TD-14V-SP2-559	Signs / Street Furniture	18-Jul-11	1	19-Jul-11	0%	11
TD-14V-SP2-561	Sub-base shape all carriageway areas	18-Jul-11	1	19-Jul-11	0%	11
TD-14V-SP2-562	Traffic Signals	18-Jul-11	0		0%	11
TD-14V-SP2-563	Footpath Works	18-Jul-11	6	26-Jul-11	0%	11
TD-14V-SP2-564	250mm Base	18-Jul-11	4	25-Jul-11	0%	11
TD-14V-SP2-565	60mm Blinder	26-Sep-11	2	30-Sep-11	0%	11
TD-14V-SP2-566	35mm Wearing Course	30-Sep-11	1	03-Oct-11	0%	11
568	Haymarket Ch. 131.260 - 131.050	26-Apr-11	364	10-Oct-12	0%	11
569	Haymarket Ch. 131.260 - 131.050	26-Apr-11	364	10-Oct-12	0%	11
570	Phase H1 - Main Area - Eastbound Side	26-Apr-11	148	13-Nov-11	100%	11
TD-14CD-H1-681	Erect Protection Barrier	26-Apr-11	148	13-Nov-11	0%	11
TD-14CD-H1-682	Site Clearance & Site Compound	27-Apr-11	5	05-May-11	0%	11
TD-14CD-H1-683	Place Main Carriageway Area - south of access lane over voids	26-Apr-11	3	04-May-11	0%	11
TD-14CD-H1-680	Core/Cast OLE Pole Foundations	03-May-11	7	12-May-11	0%	11
TD-14CD-H1-671	Place out existing suffering over remainder of Phase 1	25-May-11	3	27-May-11	0%	11
TD-14CD-H1-679	Mit Rail Joint / Sealing Compound	26-Oct-11	4	08-Nov-11	0%	11
580	Expose and Intnl Underground Chambers (ref TIE plan of 19 June 09)	02-May-11	19	25-May-11	100%	11

Page 82 of 116

Actual Work Remaining Work Critical Remaining Work Milestone % Complete Summary

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

Update Programme

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

EDINBURGH TRAM NETWORK



Activity ID	Activity Name	Start	Complete Duration	Final	Activity % Complete	Yield	Phase
664	Expose and install Underground Chambers (ref TIE plan of 13 June 09)	03-May-11	16-25-May-11		0%	450	
TD-14CDH1-675	Expose concrete roof slabs / remove / fence	03-May-11	5-10-May-11		0%	404	
TD-14CDH1-656	Remove Roof Support Steelwork	16-May-11	5-17-May-11		0%	404	
TD-14CDH1-657	Erect Stop-End Shutters	17-May-11	2-18-May-11		0%	404	
TD-14CDH1-518	Install concrete to void (800mm)	18-May-11	3-24-May-11		0%	404	
TD-14CDH1-509	Strike shutters and make safe	24-May-11	1-25-May-11		0%	404	
TD-14CDH1-840	Make good to Formation with Type 1	24-May-11	1-25-May-11		0%	404	
Drainage & Ducts							
602	Drainage & Ducts	26-Apr-11	122-20-Oct-11		48%	484	
TD-14CDH1-693	Investigate services / install outdoor positions / levels	26-Apr-11	122-20-Oct-11		0%	481	
TD-14CDH1-674	Install Connections	29-Apr-11	6-10-May-11		0%	421	
TD-14CDH1-685	Drainage to Exchange Points	25-May-11	12-18-Jun-11		0%	408	
TD-14CDH1-658	Traffic Signal Ducts	02-Jun-11	4-08-Jun-11		0%	463	
TD-14CDH1-666	Traction Ducts & Chambers	13-Jun-11	9-23-Jun-11		0%	404	
TD-14CDH1-657	Comms Ducts & Chambers	12-Jul-11	6-20-Jul-11		0%	404	
TD-14CDH1-649	Lighting Ducts	07-Oct-11	9-20-Oct-11		0%	408	
Phase 11 - Outbound Track							
831	Phase 11 - Outbound Track	27-May-11	69-06-Sep-11		75%	726	
TD-14CH1-1502	Excavate to Formation for Carriageway and Track (incl for 300mm Type 1)	27-May-11	69-06-Sep-11		0%	708	
TD-14CH1-1513	Check suitability of formation (ongoing)	27-May-11	9-02-Jun-11		0%	404	
TD-14CH1-1524	Caping Layer to Adjacent Carriageway (600mm)	27-May-11	0		0%	407	
TD-14CH1-1545	Make good Formation with Type 1 (Ave 220mm)	31-May-11	2-02-Jun-11		0%	411	
TD-14CH1-1526	Installation of IMU Drains and Cable Ducting	02-Jun-11	1-08-Jun-11		0%	404	
TD-14CH1-1427	Carry out inspection and testing of Subgrade	06-Jun-11	1-07-Jun-11		0%	404	
TD-14CH1-1438	Blinding Concrete	07-Jun-11	1-08-Jun-11		0%	404	
TD-14CH1-1519	Place RC Improvement Slab (+ cure lag)	08-Jun-11	3-13-Jun-11		0%	404	
TD-14CH1-1110	Access for Track Laying	26-Jun-11	0		0%	404	
TD-14CH1-1041	Installation of Noise & Vibration Mat (if need)	30-Jun-11	0		0%	404	
TD-14C-TRCK-7032	Silt staggered track (1x50m)(steepest)	26-Jun-11	4-05-Sep-11		0%	404	
TD-14CH1-1523	Welding & Grinding	27-Jun-11	2-28-Jul-11		0%	607	
TD-14CH1-1524	Drainage / Rail Connections	27-Jun-11	2-28-Jul-11		0%	606	
TD-14CH1-1525	Installation of IMU Boxes and Loops	27-Jun-11	2-28-Jul-11		0%	606	
TD-14CH1-1536	Final Rail Alignment - Check and Approve	28-Jun-11	2-05-Sep-11		0%	607	
TD-14CH1-1537	200mm Concrete Supporting Layer (incl cure lag)	28-Jun-11	2-05-Sep-11		0%	607	
Phase 12 - Inbound Track							
668	Phase 12 - Inbound Track	29-Jun-11	77-11-Oct-11		70%	704	
TD-14CH1-1589	Excavate to Formation for Carriageway and Track (incl for 300mm Type 1)	30-Jun-11	77-11-Oct-11		0%	684	
TD-14CH1-1080	Check suitability of formation (ongoing)	30-Jun-11	4-29-Jun-11		0%	404	
TD-14CH1-1501	Caping Layer to Adjacent Carriageway (600mm)	30-Jun-11	1-24-Jun-11		0%	407	
TD-14CH1-1572	Make good Formation with Type 1 (Ave 220mm)	29-Jun-11	3-28-Jun-11		0%	413	
TD-14CH1-1583	Installation of IMU Drains and Cable Ducting	01-Jul-11	3-05-Jul-11		0%	404	
TD-14CH1-1584	Carry out inspection and testing of Subgrade	05-Jul-11	1-06-Jul-11		0%	404	
TD-14CH1-1525	Blinding Concrete	06-Jul-11	2-08-Jul-11		0%	404	
TD-14CH1-1506	Place RC Improvement Slab (+ cure lag)	07-Jul-11	3-12-Jul-11		0%	404	
TD-14CH1-1507	Access for Track Laying	20-Jul-11	0		0%	404	

Page 83 of 116

Actual Work Remaining Work Critical Remaining Work % Complete Summary

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

Approved

Activity ID	Activity Name	Start	Complete Duration	Final	Activity % Complete	Task
1D-14CDH1-519	Installation of Noise & Vibration Mat (if need)	20-Jun-11	0		0%	408
1D-14CDTRCK70(3)	Set track (1x100m)(as per detail)	16-Sep-11	5	23-Sep-11	0%	404
1D-14CDH1-1060	Welding & Grinding	19-Sep-11	3	22-Sep-11	0%	404
1D-14CDH1-9111	Dismantle Rail Connectors	18-Sep-11	3	23-Sep-11	0%	408
1D-14CDH1-8822	Installation of IMU Boxes and Loops	18-Sep-11	3	22-Sep-11	0%	408
1D-14CDH1-8938	Final Rail Alignment - Check and Approve	20-Sep-11	5	23-Sep-11	0%	404
1D-14CDH1-9104	200mm Concrete Supporting Layer (incl cure lag)	23-Sep-11	4	28-Sep-11	0%	404
Pavement Construction over tracks						
1755	Reinforced Concrete over tracks	05-Oct-11	4	11-Oct-11	0%	707
1D-14CDRH1-736	120mm Blot	05-Oct-11	4	11-Oct-11	0%	691
1D-14CDRH1-717	35mm Wearing Course	07-Oct-11	1	10-Oct-11	0%	600
1D-14CDRH1-718	15mm Surface Treatment	16-Oct-11	1	11-Oct-11	0%	600
Phase 1 Carriageway Construction						
689	Phase 1 Carriageway Construction	26-Sep-11	32	11-Nov-11	0%	688
1D-14CDRH1-910	Phase Access Area - Eastbound Lane	26-Sep-11	1	29-Sep-11	0%	404
1D-14CDRH1-701	Excavate Eastbound Lane to Formation (incl for Clipping)	26-Sep-11	2	03-Oct-11	0%	404
1D-14CDRH1-692	Remove existing kerbs	26-Sep-11	2	03-Oct-11	0%	610
1D-14CDRH1-693	Check suitability of formation (ongoing)	26-Sep-11	0		0%	404
1D-14CDRH1-724	Capping Layer to Eastbound Carriageway (600mm)	26-Sep-11	2	03-Oct-11	0%	404
1D-14CDRH1-735	Sub-base 220mm all carriageway areas	03-Oct-11	4	07-Oct-11	0%	404
1D-14CDRH1-716	Kerbing K7 - Eastbound/Islands/Crossings	07-Oct-11	7	18-Oct-11	0%	405
1D-14CDRH1-697	Kerbing X11	07-Oct-11	8	18-Oct-11	0%	404
1D-14CDRH1-920	Signs / Street Furniture	11-Oct-11	5	18-Oct-11	0%	406
1D-14CDRH1-711	Sub-base shape all carriageway areas	18-Oct-11	4	18-Oct-11	0%	598
1D-14CDRH1-699	Gullies	18-Oct-11	2	18-Oct-11	0%	598
1D-14CDRH1-702	Traffic Signals	18-Oct-11	4	24-Oct-11	0%	407
1D-14CDRH1-734	225mm Base	18-Oct-11	5	25-Oct-11	0%	405
1D-14CDRH1-708	Sloped Areas	18-Oct-11	9	04-Nov-11	0%	404
1D-14CDRH1-703	Fordpath Works	20-Oct-11	4	26-Oct-11	0%	408
1D-14CDRH1-745	50mm Blot	25-Oct-11	2	27-Oct-11	0%	405
1D-14CDRH1-726	35mm Wearing Course	27-Oct-11	1	28-Oct-11	0%	406
1D-14CDRH1-707	Road Signs and Markings	04-Nov-11	5	11-Nov-11	0%	404
Phase 10 - Haymarket Station frontage and approach to Vauxhall						
679	Phase 10 - Haymarket Station frontage and approach to Vauxhall	11-Nov-11	85	23-Mar-12	0%	597
1D-14C-H2-600	Erect Pedestrian Barrier	11-Nov-11	2	15-Nov-11	0%	508
1D-14C-H2-601	Site Clearance	11-Nov-11	5	18-Nov-11	0%	578
1D-14C-H2-672	Plane Main Carriageway 250mm	15-Nov-11	2	17-Nov-11	0%	508
1D-14C-H2-673	Plane Haymarket Station frontage	17-Nov-11	1	18-Nov-11	0%	543
1D-14C-H2-663	Excavate to Formation for Carriageway and Track (incl for Capping Type 1)	17-Nov-11	6	25-Nov-11	0%	509
1D-14C-H2-714	Remove existing kerbs	17-Nov-11	2	21-Nov-11	0%	578
1D-14C-H2-725	Check suitability of formation (ongoing)	17-Nov-11	0		0%	513
1D-14C-H2-706	Capping Layer to Adjacent Carriageway (600mm)	17-Nov-11	6	25-Nov-11	0%	515
1D-14C-H2-667	Mise good Formation with Type 1 (Area 230mm)	24-Nov-11	1	25-Nov-11	0%	508
1D-14C-H2-692	Cont/Cont OLE Pole Foundations	25-Nov-11	5	08-Jan-12	0%	529
1D-14C-H2-698	M11 Reel Joint / Sealing Compound	15-Mar-12	4	21-Mar-12	0%	917

Page 84 of 116

Actual Work Remaining Work

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

Approved

11-Mar-11

100% Complete Summary

Activity ID	Activity Name	Start	Original Duration	Final	Activity % Complete	Year
TD-1405-H2-561	Kerbing RT	06-Jan-12	6	17-Jun-12	0%	566
TD-1405-H2-573	Footpath Works / Embases	11-Jan-12	4	17-Jun-12	0%	559
TD-1405-H2-562	Kerbing K11	08-Feb-12	4	14-Feb-12	0%	516
TD-1405-H2-584	Sited Areas	14-Feb-12	15	08-Mar-12	0%	516
Phase H3A - Ch. 131,100 - 131,050 (West Mainland Street)						
1005	Phase H3A - Ch. 131,100 - 131,050 (West Mainland Street)	11-Nov-11	37	17-Jun-12	0%	635
TD-140N-H3A-976	Erect Pedestrian Barrier	11-Nov-11	1	14-Nov-11	0%	493
TD-140N-H3A-977	Site Clearance	11-Nov-11	0	0%	584	
TD-140N-H3A-978	Place Main Carriageway 250mm - Embankment side over voids	14-Nov-11	2	16-Nov-11	0%	494
Expose and Infill Underground Chambers (TIE plan of 19 June 09)						
339	Expose and Infill Underground Chambers (TIE plan of 19 June 09)	16-Nov-11	54	17-Jun-12	0%	654
TD-140N-H3A-480	Expose concrete roof slabs / remove / fence	16-Nov-11	3	21-Nov-11	0%	494
TD-140N-H3A-351	Remove Roof Support Steelwork	21-Nov-11	2	23-Nov-11	0%	404
TD-140N-H3A-342	Erect Stop-End Shutters	25-Nov-11	2	25-Nov-11	0%	404
TD-140N-H3A-343	Infill concrete to void (800mm)	25-Nov-11	3	30-Nov-11	0%	404
TD-140N-H3A-354	Strike shutters and make safe	30-Nov-11	1	01-Dec-11	0%	570
TD-140N-H3A-375	Make good to Formation with Type 1	30-Nov-11	1	01-Dec-11	0%	404
TD-140N-H3A-346	Kerbing	01-Dec-11	1	03-Jan-12	0%	404
TD-140N-H3A-348	Sub-base shape at carriageway area	03-Jan-12	1	10-Jan-12	0%	568
TD-140N-H3A-349	Footpath Works	03-Jan-12	2	14-Jan-12	0%	407
TD-140N-H3A-347	Signs / Street Furniture	10-Jan-12	1	11-Jan-12	0%	404
TD-140N-H3A-480	25mm Base	11-Jan-12	1	12-Jan-12	0%	404
TD-140N-H3A-381	60mm Binder	12-Jan-12	1	13-Jan-12	0%	404
TD-140N-H3A-352	35mm Wearing Course	13-Jan-12	1	16-Jan-12	0%	404
TD-140N-H3A-343	Road Signs and Markings	16-Jan-12	1	17-Jan-12	0%	404
Phase H3B - Ch. 131,100 - 130,950 (West Mainland Street)						
694	Phase H3B - Ch. 131,100 - 130,950 (West Mainland Street)	17-Jan-12	119	05-Jul-12	0%	500
TD-140N-H3B-695	Erect Pedestrian Barrier	17-Jan-12	2	19-Jan-12	0%	404
TD-140N-H3B-678	Site Clearance	17-Jan-12	9	24-Jan-12	0%	559
TD-140N-H3B-705	Cure/Cast OLE Pole Foundations	31-Jan-12	0	0%	553	
TD-140N-H3B-696	OLE Wall Forming	11-May-12	4	17-May-12	0%	475
TD-140N-H3B-80	Installation of traffic light control - Junction 4B	16-May-12	9	30-May-12	0%	595
Drainage & Ducts						
667	Drainage & Ducts	19-Jun-12	43	20-Mar-12	0%	603
TD-140N-H3B-668	Investigate services / install positions / install duct positions / levels	19-Jun-12	43	20-Mar-12	0%	590
TD-140N-H3B-659	Outfall Connections	19-Jun-12	2	23-Jun-12	0%	426
TD-140N-H3B-660	Drainage to Discharge Points	23-Jun-12	2	25-Jun-12	0%	426
TD-140N-H3B-651	Traction Ducts & Chambers	25-Jun-12	9	07-Feb-12	0%	404
TD-140N-H3B-652	Comms Ducts & Chambers	31-Jan-12	8	10-Feb-12	0%	545
TD-140N-H3B-653	Traffic Signal Ducts	07-Feb-12	4	13-Feb-12	0%	426
TD-140N-H3B-654	Lighting Ducts	20-Mar-12	0	0%	411	
Outbound Track						
757	Outbound Track	19-Jun-12	52	02-Apr-12	0%	594
TD-140H-H37-778	Place Main Carriageway 250mm	19-Jun-12	2	23-Jun-12	0%	404
TD-140H-H37-749	Excavate to Formation for Carriageway and Track (incl for Caspings Type 1)	25-Jan-12	6	31-Jan-12	0%	404

Page 86 of 116

Actual Work Remaining Work Critical Remaining Work % Complete

11-Mar-11 ETN Updated Programme - Progress to 18 Mar 11 JAC Approved

Summary

Activity ID	Activity Name	Start	Original Duration	Final Duration	Activity % Complete	Year	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
1D-14M-HB-360	Remove existing beds	25-Jan-12	2	25-Jan-12	0%	557												
1D-14M-HB-761	Check suitability of formation (ongoing)	23-Jan-12	0		0%	408												
1D-14M-HB-742	Capping Layer to Adjacent Carriageway (600mm)	27-Jan-12	2	31-Jan-12	0%	404												
1D-14M-HB-743	Make good Formation with Type 1 (Ave 220mm)	27-Jan-12	2	31-Jan-12	0%	408												
1D-14M-HB-794	Installation of IMU Drains and Cable Ducting	31-Jan-12	2	02-Feb-12	0%	408												
1D-14M-HB-825	Carry out inspection and testing of Subgrade	02-Feb-12	1	03-Feb-12	0%	408												
1D-14M-HB-806	Blinding Concrete	03-Feb-12	2	07-Feb-12	0%	408												
1D-14M-HB-777	Place RC Improvement Sals (+ cure lag)	06-Feb-12	4	10-Feb-12	0%	408												
1D-14M-HB-758	Access for Track Laying	16-Feb-12	0		0%	404												
1D-14M-HB-759	Installation of Noise & Vibration Mat (if req)	16-Feb-12	0		0%	404												
1D-14M-TRCK-7023	Set track (1M Rem) (depeserial)	16-Feb-12	6	24-Feb-12	0%	404												
1D-14M-HB-761	Weaving & Grinding	17-Feb-12	4	23-Feb-12	0%	404												
1D-14M-HB-752	Drainage/Rail Connections	17-Feb-12	4	23-Feb-12	0%	408												
1D-14M-HB-753	Installation of IMU Boxes and Loops	17-Feb-12	4	23-Feb-12	0%	408												
1D-14M-HB-804	Final Rail Alignment - Check and Approve	20-Feb-12	4	24-Feb-12	0%	404												
1D-14M-HB-835	230mm Concrete Supporting Layer (incl cure lag)	23-Feb-12	5	28-Feb-12	0%	404												
Pavement Construction over tracks						547												
786	Pavement Construction over tracks	07-Mar-12	17	30-Mar-12	0%	529												
1D-14M-HB-747	120mm Binder	07-Mar-12	2	08-Mar-12	0%	477												
1D-14M-HB-758	35mm Wearing Course	08-Mar-12	1	12-Mar-12	0%	477												
1D-14M-HB-728	15mm Surface Treatment	28-Mar-12	1	30-Mar-12	0%	464												
Carriageway Construction Westbound						536												
540	Carriageway Construction Westbound	23-Feb-12	23	02-Apr-12	0%	587												
1D-14M-HB-371	Sub-base 220mm all carriageway areas	26-Feb-12	4	08-Mar-12	0%	404												
1D-14M-HB-372	kerbing A7 - Westbound/Hand/Crossings	06-Mar-12	10	20-Mar-12	0%	495												
1D-14M-HB-374	Signs / Street Furniture	06-Mar-12	5	15-Mar-12	0%	408												
1D-14M-HB-425	Sub-base slope all carriageway areas	15-Mar-12	4	21-Mar-12	0%	517												
1D-14M-HB-363	Gullies	15-Mar-12	3	21-Mar-12	0%	517												
1D-14M-HB-378	Traffic Signals	20-Mar-12	4	26-Mar-12	0%	404												
1D-14M-HB-367	Floodgates Weirs	20-Mar-12	7	28-Mar-12	0%	404												
1D-14M-HB-368	225mm Base	21-Mar-12	3	26-Mar-12	0%	404												
1D-14M-HB-359	60mm Binder	26-Mar-12	2	28-Mar-12	0%	404												
1D-14M-HB-550	35mm Wearing Course	26-Mar-12	1	29-Mar-12	0%	404												
1D-14M-HB-381	Road Signs and Markings	26-Mar-12	2	02-Apr-12	0%	404												
Inbound Track						529												
432	Inbound Track	02-Apr-12	65	05-Jul-12	0%	518												
1D-14M-HB-373	Plane Main Carriageway 250mm	02-Apr-12	2	04-Apr-12	0%	404												
1D-14M-HB-434	Excavate to Formation for Carriageway and Track (incl for Capping Type 1)	04-Apr-12	8	13-Apr-12	0%	404												
1D-14M-HB-485	Remove existing kerbs	04-Apr-12	2	06-Apr-12	0%	505												
1D-14M-HB-476	Check suitability of formation (ongoing)	04-Apr-12	0		0%	408												
1D-14M-HB-377	Capped Layer to Adjacent Carriageway (600mm)	11-Apr-12	3	13-Apr-12	0%	423												
1D-14M-HB-378	Make good Formation with Type 1 (Ave 220mm)	11-Apr-12	2	13-Apr-12	0%	404												
1D-14M-HB-369	Installation of IMU Drains and Cable Ducting	13-Apr-12	2	17-Apr-12	0%	404												
1D-14M-HB-600	Carry out inspection and testing of Subgrade	17-Apr-12	1	18-Apr-12	0%	403												
1D-14M-HB-431	Blinding Concrete	18-Apr-12	2	20-Apr-12	0%	403												

Page 87 of 116

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

Date: 11-Mar-11
 Revision: EITN Updated Programme - Progress to 18 Mar 11
 Checked: JAC
 Approved:

Activity ID	Activity Name	Start	Original Duration	Final Duration	Activity % Complete	Year Placed
1D-14H-HSE-472	Place RC Improvement Slab (+ cure lag)	15-Apr-12	4	25-Apr-12	0%	404
1D-14H-HSE-483	Access for Track Laying	27-Apr-12	0		0%	404
1D-14H-HSE-474	Installation of Noise & Vibration Mat (if need)	27-Apr-12	0		0%	404
1D-14H-TRC-71(3)	Set track (1x14m)(spectral rail) + mcb	27-Apr-12	4	08-May-12	0%	404
1D-14H-HSE-476	Welding & Grinding	30-Apr-12	4	04-May-12	0%	404
1D-14H-HSE-477	Drainage/Rail Connectors	30-Apr-12	4	04-May-12	0%	408
1D-14H-HSE-478	Installation of IMU Boxes and Loops	30-Apr-12	4	04-May-12	0%	408
1D-14H-HSE-379	Final Rail Alignment - Check and Approve	01-May-12	4	08-May-12	0%	404
1D-14H-HSE-470	200mm Concrete Supporting Layer (rid cure lag)	01-May-12	5	11-May-12	0%	404
1D-14H-HSE-471	Mil Rail Joint / Sealing Compound	27-Jun-12	6	05-Jul-12	0%	404
Pavement Construction over tracks						
461	Pavement Construction over tracks	18-May-12	27	27-Jun-12	48%	485
1D-14H-HSE-392	120mm Binder	18-May-12	27	27-Jun-12	66%	476
1D-14H-HSE-393	35mm Wearing Course	18-May-12	2	23-May-12	0%	427
1D-14H-HSE-394	15mm Surface Treatment	22-May-12	1	23-May-12	0%	427
Carriageway Construction Westbound						
385	Carriageway Construction Westbound	11-May-12	33	28-Jun-12	53%	534
1D-14H-HSE-396	Sub-base 220mm all carriageway areas	11-May-12	4	17-May-12	0%	404
1D-14H-HSE-397	Drainage	17-May-12	5	24-May-12	0%	404
1D-14H-HSE-520	Keelup K11	17-May-12	11	04-Jun-12	0%	462
1D-14H-HSE-398	Memorial Island	24-May-12	5	01-Jun-12	0%	404
1D-14H-HSE-399	Keelup K7 - Westbound/Island/Crossings	01-Jun-12	10	15-Jun-12	0%	464
1D-14H-HSE-392	Salted Areas	04-Jun-12	15	25-Jun-12	0%	462
1D-14H-HSE-383	Signs / Street Furniture	05-Jun-12	5	12-Jun-12	0%	468
1D-14H-HSE-394	Sub-base strip at carriageway areas	12-Jun-12	4	18-Jun-12	0%	467
1D-14H-HSE-391	Gullies	13-Jun-12	3	18-Jun-12	0%	457
1D-14H-HSE-395	Traffic Signals	15-Jun-12	4	21-Jun-12	0%	404
1D-14H-HSE-396	Footpath Works	15-Jun-12	7	26-Jun-12	0%	448
1D-14H-HSE-397	225mm Base	18-Jun-12	2	21-Jun-12	0%	404
1D-14H-HSE-398	50mm Binder	21-Jun-12	2	25-Jun-12	0%	404
1D-14H-HSE-399	35mm Wearing Course	25-Jun-12	1	26-Jun-12	0%	404
1D-14H-HSE-530	Road Signs and Markings	26-Jun-12	2	28-Jun-12	0%	448
Phase H4 - Haymarket Terrace Westbound						
402	Phase H4 - Haymarket Terrace Westbound	23-Mar-12	7	03-Apr-12	59%	592
1D-14-H4-403	Erect Barrier	23-Mar-12	1	26-Mar-12	0%	508
1D-14-H4-404	Site Clearance	26-Mar-12	2	28-Mar-12	0%	508
1D-14-H4-415	Place Main Carriageway for Overlay	26-Mar-12	2	30-Mar-12	0%	508
1D-14-H4-407	Road Signs and Markings	28-Mar-12	3	03-Apr-12	0%	508
1D-14-H4-406	35mm Surface Course	30-Mar-12	1	02-Apr-12	0%	508
Phase H5 - West Midland Street / Grosvenor Street						
408	Phase H5 - West Midland Street / Grosvenor Street	05-Jun-12	12	23-Jul-12	0%	504
1D-14-H5-408	Erect Barrier	05-Jun-12	1	06-Jul-12	0%	482
1D-14-H5-560	Site Clearance	06-Jul-12	2	16-Jul-12	0%	441
1D-14-H5-475	Excavation	06-Jul-12	3	10-Jul-12	0%	482
1D-14-H5-419	Keelup	10-Jul-12	5	17-Jul-12	0%	482

Page 88 of 116

11-Mar-11

ETN Updated Programme - Progress to 18 Mar 11

Revision

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Actual Work

Remaining Work

Critical Remaining Work

Milestone

% Complete

Summary

Activity ID	Activity Name	Start	Original Duration	Final	Activity % Complete	Total Risk
TD-14-H5-418	Signs / Street Furniture	16-Jul-12	5	23-Jul-12	0%	452
TD-14-H5-500	Road Signals and Markings	16-Jul-12	3	19-Jul-12	0%	484
TD-14-H5-417	Footpath Works / Finishes	17-Jul-12	4	23-Jul-12	0%	482
TD-14-H5-418	35mm Surface Course	17-Jul-12	1	18-Jul-12	0%	484
Drainage & Ducts						
411	Drainage & Ducts	05-Jul-12	4	12-Jul-12	0%	511
TD-14-H5-412	Investigate services / install positions / inter-socket positions / levels	05-Jul-12	1	09-Jul-12	0%	485
TD-14-H5-413	Drainage to Discharge Points	06-Jul-12	3	12-Jul-12	0%	485
TD-14-H5-414	Traffic Signal and Lighting Ducts	08-Jul-12	3	12-Jul-12	0%	489
Phase H61 - Dairy Road (central island)						
421	Phase H61 - Dairy Road (central island)	05-Jul-12	65	05-Oct-12	0%	464
Phase 1						
422	Phase 1	05-Jul-12	7	16-Jul-12	0%	489
TD-14-H61-423	Erect Barrier for island site	05-Jul-12	2	08-Jul-12	0%	404
TD-14-H61-424	Site Clearance	08-Jul-12	3	12-Jul-12	0%	404
TD-14-H61-435	Excavate and fill island for TM	12-Jul-12	2	16-Jul-12	0%	404
Phase 2						
486	Phase 2	20-Sep-12	11	05-Oct-12	0%	465
TD-14-H61-477	Erect Barrier for island site	20-Sep-12	1	21-Sep-12	0%	451
TD-14-H61-468	Excavation	21-Sep-12	2	25-Sep-12	0%	405
TD-14-H61-429	Traffic Signal and Lighting Ducts	21-Sep-12	3	26-Sep-12	0%	412
TD-14-H61-480	Core and Cast OLE Pile Foundations (1tr)	25-Sep-12	2	27-Sep-12	0%	409
TD-14-H61-481	Keelring	25-Sep-12	4	01-Oct-12	0%	405
TD-14-H61-482	Footpath Works / Finishes	25-Sep-12	5	05-Oct-12	0%	405
TD-14-H61-473	Place Main Carriageway for Overlay	01-Oct-12	1	03-Oct-12	0%	406
TD-14-H61-505	Road Signals and Markings	01-Oct-12	3	04-Oct-12	0%	406
TD-14-H61-404	35mm Surface Course	02-Oct-12	1	03-Oct-12	0%	405
Phase H62 - Dairy Road Eastbound						
438	Phase H62 - Dairy Road Eastbound	16-Jul-12	7	25-Jul-12	0%	476
TD-14-H62-437	Erect Barrier	16-Jul-12	1	17-Jul-12	0%	404
TD-14-H62-438	Site Clearance	17-Jul-12	2	19-Jul-12	0%	404
TD-14-H62-439	Traffic Signal and Lighting Ducts	17-Jul-12	2	19-Jul-12	0%	404
TD-14-H62-450	Place Main Carriageway for Overlay	18-Jul-12	2	23-Jul-12	0%	404
TD-14-H62-442	Road Signals and Markings	20-Jul-12	3	25-Jul-12	0%	404
TD-14-H62-441	35mm Surface Course	20-Jul-12	1	24-Jul-12	0%	404
Phase H63 - Morrison Street - Westbound Lane						
443	Phase H63 - Morrison Street - Westbound Lane	25-Jul-12	33	11-Sep-12	0%	450
TD-14-H63-444	Erect Barrier	25-Jul-12	1	26-Jul-12	0%	404
TD-14-H63-445	Site Clearance	26-Jul-12	2	01-Aug-12	0%	404
TD-14-H63-446	Traffic Signal and Lighting Ducts	26-Jul-12	2	01-Aug-12	0%	404
TD-14-H63-447	Place Main Carriageway for Overlay	01-Aug-12	3	03-Aug-12	0%	404
TD-14-H63-448	35mm Surface Course	03-Aug-12	1	10-Sep-12	0%	404
TD-14-H63-449	Road Markings and Signs	10-Sep-12	1	11-Sep-12	0%	404
Phase H64 - Morrison Street - Dairy Road						
500	Phase H64 - Morrison Street - Dairy Road	11-Sep-12	21	10-Oct-12	0%	462

Page 89 of 116

Actual Work Remaining Work Critical Remaining Work

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Revision Progress to 18 Mar 11

11-Mar-11

% Complete Summary

Update Programme

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

EDINBURGH TRAM NETWORK



Activity ID	Activity Name	Start	Complete Duration	Final	Activity % Complete	Year
1D-14-1604-451	Erect Barrier	11-Sep-12	1	03-Oct-12	0%	2012
1D-14-1604-452	Site Clearance	12-Sep-12	2	14-Sep-12	0%	2012
1D-14-1604-453	Traffic Signal and Lighting Ducts	12-Sep-12	2	14-Sep-12	0%	2012
1D-14-1604-454	Plane Main Camerapath for Overlay	14-Sep-12	2	18-Sep-12	0%	2012
1D-14-1604-455	Road Signals and Markings	17-Sep-12	3	20-Sep-12	0%	2012
1D-15H-MCS-60	Installation of traffic light control - junction 48	18-Sep-12	17	10-Oct-12	0%	2012
1D-14-1604-455	35mm Surface Course	18-Sep-12	1	19-Sep-12	0%	2012
Phase 16B6 - Complete Memorial Island						
467	Phase 16B6 - Complete Memorial Island	20-Sep-12	12	08-Oct-12	0%	2012
1D-14-1605-458	Erect Barrier	20-Sep-12	1	21-Sep-12	0%	2012
1D-14-1605-459	Plane Main Camerapath for Overlay	21-Sep-12	1	24-Sep-12	0%	2012
1D-14-1605-461	Traffic Signal and Lighting Ducts	21-Sep-12	3	28-Sep-12	0%	2012
1D-14-1605-510	Excavation	24-Sep-12	1	25-Sep-12	0%	2012
1D-14-1605-462	Core and Coat OLE Pole Foundations (1hr)	25-Sep-12	2	27-Sep-12	0%	2012
1D-14-1605-463	Keelring	25-Sep-12	3	28-Sep-12	0%	2012
1D-14-1605-466	Signs / Street Furniture	25-Sep-12	5	02-Oct-12	0%	2012
1D-14-1605-464	Footpath Works / Finishes	28-Sep-12	2	02-Oct-12	0%	2012
1D-14-1605-465	35mm Surface Course	02-Oct-12	1	03-Oct-12	0%	2012
1D-14-1605-467	Road Signals and Markings	03-Oct-12	3	08-Oct-12	0%	2012
Commissioning and Testing						
1D-1415-317	Commissioning and Testing	21-Nov-12	27	16-Jun-13	38%	2013
1D-1415-317	Commissioning and Testing	27-Nov-12	10	16-Jun-13	0%	2013
14-Feb-09 A	14-Feb-09 A	14-Feb-09	692	02-Sep-11	87%	2011
Princes Street West Tram Stop						
12290	Issue Construction Drawings	0	18-Feb-09 A	100%	0%	2009
721	Tramstop Platform and related cable foundations	14-Apr-11	20	16-May-11	0%	2011
1C-15A-TRMS-20	Order REC Supply	03-May-11	0	0	0%	2011
1C-15A-TRMS-30	Access for visual inspection for EMAM Tram Stop installation (01D Princes Street West)	27-May-11	0	0	0%	2011
1C-15A-TRMS-40	Deliver and install shaker	14-Jun-11	10	28-Jun-11	0%	2011
1C-15A-TRMS-46	Deliver and install outside	28-Jun-11	10	12-Jul-11	0%	2011
1C-15A-TRMS-31	Access for EMAM Tram Stop installation (01D Princes Street West)	28-Jun-11	0	0	0%	2011
1C-15A-TRMS-60	Install LV Power Supply and LV Power Equipment	13-Sep-11	25	18-Oct-11	0%	2011
1C-15A-TRMS-70	Install Telecom Equipment	16-Oct-11	20	18-Nov-11	0%	2011
1C-15A-TRMS-60	Install Station Control Equipment + AFC Equipment	16-Oct-11	25	25-Nov-11	0%	2011
1C-15A-TRMS-80	Package Test Tramstop	28-Nov-11	5	02-Dec-11	0%	2011
19-Feb-09 A	19-Feb-09 A	19-Feb-09	864	15-Feb-13	38%	2013
Shandwick Place Tram Stop						
12300	Issue Construction Drawings	0	18-Feb-09 A	100%	0%	2009
1D-14-TRMS-30	Civil Engineering and Building Works	29-Oct-11	65	08-Mar-12	0%	2012
831	Ducting and Chambers	23-Nov-11	15	19-Jan-12	0%	2012
882	Tramstop Platform and related outside foundations	18-Jan-12	40	15-Mar-12	0%	2012
1D-14-TRMS-20	Order REC Supply	03-Feb-12	0	0	0%	2012
1D-14-TRMS-30	Access for visual inspection for EMAM Tram Stop installation (01D Shandwick Place)	26-Feb-12	0	0	0%	2012
1D-14-TRMS-40	Deliver and install shaker	15-Mar-12	10	24-Mar-12	0%	2012
1D-14-TRMS-31	Access for EMAM Tram Stop installation (01D Shandwick Place)	29-Mar-12	0	0	0%	2012
1D-14-TRMS-45	Deliver and install outside	11-Oct-12	10	25-Oct-12	0%	2012
1D-14-TRMS-50	Install LV Power Supply and LV Power Equipment	25-Oct-12	25	29-Nov-12	0%	2012
1D-14-TRMS-70	Install Telecom Equipment	29-Nov-12	20	01-Feb-13	0%	2013

Page 90 of 116

Legend:
█ Actual Work
█ Critical Remaining Work
█ Remaining Work
█ Milestone
▶ % Complete
▶ Summary

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

Activity Name	Start	Complete Duration	Activity % Complete	Activity Risk
10-14-TRMS-60	28-Nov-12	25-08-Feb-13	0%	255
10-14-TRMS-80	08-Feb-13	5-15-Feb-13	0%	255
SECTION 2 HAYMARKET CORRIDOR				
58	31-Mar-08 A	1332-02-Jul-13	285	417
SECTION 2 HAYMARKET CORRIDOR				
Opening Sequence A (Airport to Haymarket)	31-Mar-08 A	1625-02-Jul-13	54.12%	417
47	31-Mar-08 A	1233-02-Jul-13	285	417
Opening Sequence A (Airport to Haymarket)	31-Mar-08 A	1825-02-Jul-13	54.12%	417
02A Haymarket Corridor	31-Mar-08 A	1333-02-Jul-13	285	417
48	31-Mar-08 A	1825-02-Jul-13	54.12%	417
02A Haymarket Corridor	31-Mar-08 A	1825-02-Jul-13	54.12%	417
MOUFA & Utility Completions				
E & M Installations	12-Jun-12	06-02-Jun-12	285	571
2A-13-OHLE-40	12-Jun-12	0	0%	571
2A-13-ELEC-40	12-Jun-12	0	0%	571
2A-13-OHLE-41	14-Aug-12	0	0%	381
2A-13-ELEC-41	14-Aug-12	0	0%	415
2A-13-SIGN-40	14-Aug-12	15-03-Sep-12	0%	540
2A-13-SIGN-40	28-Aug-12	20-24-Sep-12	0%	540
2A-13-14-OHLE-50	18-Sep-12	4-24-Sep-12	0%	278
2A-13-14-OHLE-60	24-Sep-12	11-09-Oct-12	0%	279
2A-13-SIGN-80	25-Sep-12	5-01-Oct-12	0%	540
2A-12-13-ELEC-80	12-Jun-13	14-02-Jul-13	0%	285
2A-12-13-14-TBLC-60	12-Jun-13	11-27-Jun-13	0%	103
2A-12-13-SIGN-80	12-Jun-13	14-02-Jul-13	0%	285
Haymarket (inc) to Roseburn Junction (inc)	31-Mar-08 A	1102-13-Dec-12	69.3%	617
49	31-Mar-08 A	1825-13-Dec-12	69.3%	617
Haymarket Station Viaduct (S19)	31-Mar-08 A	817-21-Oct-11	100%	701
10331	0	31-Mar-08 A	100%	
10330	0	02-Jul-08 A	100%	
1138	07-Jul-08 A	20-15-Aug-08 A	100%	
1139	01-Sep-08 A	40-30-Oct-08 A	100%	
227	04-Sep-08 A	30-05-Nov-08 A	100%	
192	06-Sep-08 A	30-05-Nov-08 A	100%	
488	27-Oct-08 A	30-30-Oct-08 A	100%	
2A-13-S18-51	30-Nov-08 A	15-04-Feb-10 A	100%	
2A-13-S18-51(2)	30-Nov-08 A	30-04-Feb-10 A	100%	
2A-13-S18-50	10-Dec-08 A	40-18-Mar-11	100%	853
2A-13-S18-50(3)	10-Dec-08 A	30-18-Mar-11	100%	853
2A-13-S18-54	15-Dec-08 A	30-12-Feb-10 A	100%	
2A-13-S18-55	25-Jan-10 A	40-19-Feb-10 A	100%	
2A-13-S18-60	25-Feb-10 A	05-01-Jul-11	50%	118
2A-13-S18-60(3)	25-Feb-10 A	9-07-Jul-11	50%	422
1A-24-CHGE-340	18-Mar-11	0-18-Mar-11	0%	118
2A-13-S18-80	08-Jul-11	15-29-Jul-11	0%	422
2A-13-S18-80(3)	26-Jul-11	00-21-Oct-11	0%	1048
Design		0	0	0
Trackwork (1135m)	21-Jun-08 A	1024-18-Sep-12	50%	508

Page 91 of 116

Actual Work Remaining Work % Complete

Approved

Checked

Revision

ETN Updated Programme - Progress to 18 Mar 11

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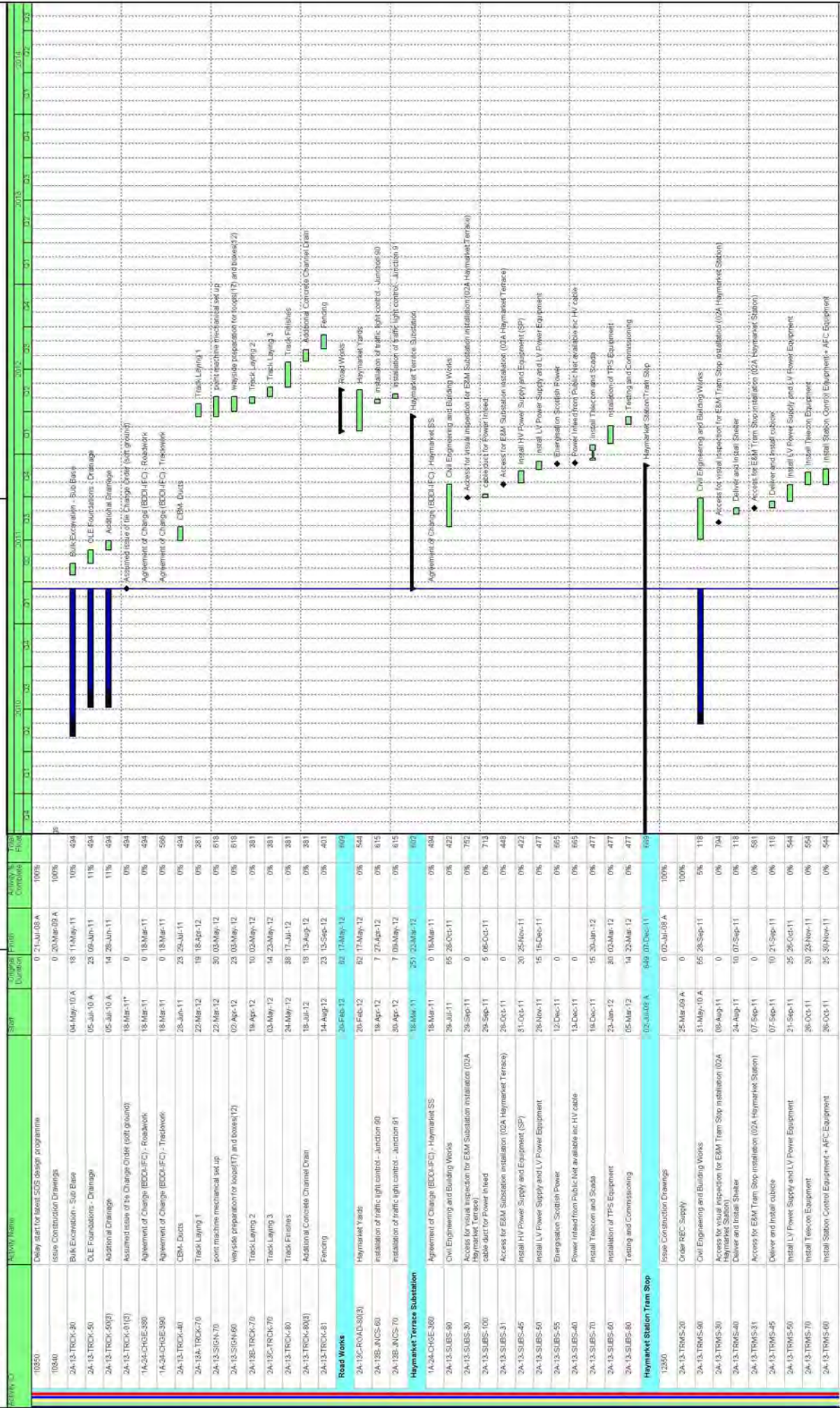
11-Mar-11

Summary

Update Programme

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

EDINBURGH TRAM NETWORK



Page 92 of 116

11-Mar-11 ETN Updated Programme - Progress to 18 Mar 11

Approved JAC

Actual Work Remaining Work Critical Remaining Work Milestone % Complete Summary

Activity ID	Activity Name	Start	Original Duration	Final	Activity % Complete	Activity Flag
2A-13-TRIMS-30	Package Test Tramstop	30-Nov-11	5	07-Dec-11	0%	544
Landscaping		14-Sep-12	65	13-Dec-12	46%	461
2A-13-LAND-10V(2)	Landscaping to Section 2A	14-Sep-12	65	13-Dec-12	0%	461
SECTION 05 ROSEBURN JUNCTION TO GOGAR		13-May-08 A	1969	20-Nov-13	18%	185
99	SECTION 05 ROSEBURN JUNCTION TO GOGAR	13-May-08 A	2016	20-Nov-13	51.48%	271
100	Opening Sequence A (Alperton to Haymarket)	13-May-08 A	1398	20-Nov-13	16%	163
101	Opening Sequence A (Haymarket to Ganton Square)	13-May-08 A	2016	20-Nov-13	51.48%	271
126	05A Roseburn Junction (exc to Balgownie Road (inc))	23-May-08 A	1250	23-Nov-13	18%	185
127	05A Roseburn Junction (exc to Balgownie Road (inc))	23-May-08 A	2000	20-Nov-13	51.16%	270
128	MUGRA works transferred to INFRACO	20-Mar-12	54	17-Oct-12	11%	45
5A-BT-D02(2)	BT Russell Road Ret Wall	28-Mar-12	30	11-May-12	0%	60
5A-BT-D03(3)	BT Russell Road Ret Wall	28-Mar-12	30	11-May-12	0%	60
5A-SGN-D02(3)	Gas Russell Road Ret Wall	28-Mar-12	30	11-May-12	0%	60
5A-SP-D01(3)	Electric Russell Road Ret Wall	28-Mar-12	30	11-May-12	0%	60
5A-BT-D01(3)	BT Russell Road Ret Wall	28-Mar-12	30	11-May-12	0%	60
5A-SP-D02(3)	Electric Balgownie Road	06-Sep-12	30	17-Oct-12	0%	47
E & M installations		07-Sep-12	25	15-Apr-12	28%	28
5A-11-OHLE-30	Access for visual inspection for EAM wayside installation MUS - BAL	02-Apr-13	0		0%	249
5A-11-ELEC-30	Access for visual inspection to cable pits for cable laying MUS - BAL	02-Apr-13	0		0%	249
5A-11-ELEC-40	Install Electrical Cables MUS - BAL	02-May-13	11	17-May-13	0%	319
5A-11-SGNW-60	Install Signaling Wayside Equipment MUS - BAL	02-May-13	11	17-May-13	0%	319
5A-10H1-OHLE-50	Installation of poles and building fittings - 13 (51 0770 - 52 0754)	02-May-13	13	21-May-13	0%	163
5A-11-OHLE-31	Access for EAM wayside installation MUS - BAL	02-May-13	0		0%	159
5A-11-ELEC-31	Access to cable pits for cable laying MUS - BAL	02-May-13	0		0%	159
5A-12-ELEC-30	Access for visual inspection to cable pits for cable laying ROU - MUS	13-May-13	0		0%	321
5A-12-OHLE-30	Access for visual inspection for EAM wayside installation ROU - MUS	13-May-13	0		0%	321
5A-10H1-OHLE-60	Overhead Catenary Line - 13 (51 0770 - 52 0754)	22-May-13	26	27-Jun-13	0%	163
5A-11(1)213-TELC-60	Install Fibre Optic Cables HAY - MUS - BAL	12-Jun-13	12	28-Jun-13	0%	287
5A-12(OHLE)-50	Installation of poles and building fittings - 12 (20 0457 - 51 0966)	12-Jun-13	13	01-Jul-13	0%	131
5A-12-ELEC-31	Access to cable pits for cable laying ROU - MUS	12-Jun-13	0		0%	163
5A-12(OHLE)-31	Access for EAM wayside installation ROU - MUS	12-Jun-13	0		0%	131
5A-11(1)213-OHLE-60	Overhead Catenary Line - 12 (20 0457 - 51 0966)	01-Jul-13	30	13-Aug-13	0%	131
Roseburn Junction (exc to Murrayfield Station (inc))		23-Jul-08 A	1269	20-Nov-13	10%	102
102	Roseburn Junction (exc to Murrayfield (inc))	23-May-08 A	2000	20-Nov-13	51.16%	270
Design		26-Feb-10 A	137	02-Aug-10 A	100%	
5A-12-TRIMS-10	Issue Construction Drawings Murrayfield Tramstop	0	26-Feb-10 A		100%	
5A-12-W18-10	Issue Construction Drawings W18	0	02-Aug-10 A		100%	
Russell Road Underbridge (S20)		23-May-08 A	697	18-Jun-12	100%	648
10270	Issue Construction Drawings	0	23-May-08 A		100%	
5A-12-S20-25(3)	Network Rail Form C Submission & Approval following trial soil nails	04-Jun-10 A	60	07-Oct-10 A	100%	
1A-24-CHGE-370	Agreement of Change (BSCOU.FCI) - S20 Russell Rd Underbridge	0	18-Mar-11		0%	272
5A-12-S20-40	Erection and piling	15-Apr-11	60	12-Jul-11	0%	272
5A-12-S20-50	Bulbs	13-Jul-11	30	24-Aug-11	0%	272
5A-12-S20-51	Assemblies and Wing Walls	11-Aug-11	45	12-Oct-11	0%	272
5A-12-S20-60	Deck	06-Oct-11	50	14-Dec-11	0%	272

Page 93 of 116

Actual Work Remaining Work Critical Remaining Work % Complete

ETN Updated Programme - Progress to 18 Mar 11

11-Mar-11

Checked JAC

Approved

Summary