



| | | | | | | | | |
|-----------|----------|---------|----------|---------------|----------------|-------------------------|--------------------------|---------|
| Date | Revision | Checked | Approved | Page 44 of 51 | Rev 1 Baseline | Remaining Work | Rev 1 Baseline Milestone | Summary |
| 07-Jul-09 | | scs/mh | | | Actual Work | Critical Remaining Work | Milestone | |

| Activity ID | Activity Name | Original Duration | Start | Finish | Total Float | 2008 | | | | | | | | | | | | 2009 | | | | | | | | | | | | 2010 | | | | | | | | | | | | 2011 | | | | | | | | | | | | 2012 | | | | | | | | | | | | | | | |
|--|--|-------------------|-----------|-------------|-------------|--|-----------|-----------|-------|--|---|-------|---|---|-------|---|---|-------|---|---|-------|---|---|-------|---|---|-------|---|---|-------|---|---|-------|---|---|-------|---|---|-------|---|---|-------|---|---|-------|---|---|-------|---|---|-------|---|---|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | Qtr 4 | | | Qtr 1 | | | Qtr 2 | | | Qtr 3 | | | Qtr 4 | | | Qtr 1 | | | Qtr 2 | | | Qtr 3 | | | Qtr 4 | | | Qtr 1 | | | Qtr 2 | | | Qtr 3 | | | Qtr 4 | | | Qtr 1 | | | Qtr 2 | | | Qtr 3 | | | | | | | | | | | | | | | | | | |
| | | | | | | O | N | D | J | F | M | A | M | J | J | A | S | O | N | D | J | F | M | A | M | J | J | A | S | O | N | D | J | F | M | A | M | J | J | A | S | O | N | D | J | F | M | A | M | J | J | A | S | | | | | | | | | | | | | | | | |
| 1158 | Issue Construction Drawings | 0 | | 07-Jul-08 A | | Issue Construction Drawings | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Building Services | | | | | | 160 | 21-Jan-10 | 08-Sep-10 | 222 | 08-Sep-10, Building Services | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1249 | Building Services Installation | 140 | 21-Jan-10 | 11-Aug-10 | 222 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1259 | Building Services Commissioning | 130 | 04-Mar-10 | 08-Sep-10 | 222 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fitting Out & Finishes | | | | | | 160 | 21-Jan-10 | 08-Sep-10 | 222 | 08-Sep-10, Fitting Out & Finishes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1269 | Fitting out and Finishes | 160 | 21-Jan-10 | 08-Sep-10 | 222 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E & M Workshop Equipment Installation | | | | | | 151 | 10-Aug-10 | 24-Mar-11 | 371 | 24-Mar-11, E & M Workshop Equipment Inst | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A2542 | Access for visual inspection for E&M workshop equipment | 0 | 10-Aug-10 | | 548 | Access for visual inspection for E&M workshop equipment | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A2545 | Installation of workshop equipment | 130 | 08-Sep-10 | 24-Mar-11 | 222 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A2544 | Access for E&M workshop equipment | 0 | 08-Sep-10 | | 527 | Access for E&M workshop equipment | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inspection & Handover | | | | | | 20 | 24-Mar-11 | 22-Apr-11 | 222 | 22-Apr-11, Inspection & Handover | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A2550 | Inspection and Testing | 20 | 24-Mar-11 | 22-Apr-11 | 222 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Depot Substation | | | | | | 404 | 10-Jul-09 | 07-Mar-11 | 385 | 07-Mar-11, Depot Substation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 316 | Civil Engineering and Building Works | 140 | 10-Jul-09 | 08-Feb-10 | 476 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 306 | Order REC supply from Scottish Power | 0 | 05-Oct-09 | | 476 | Order REC supply from Scottish Power | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A2518 | Access for visual inspection for E&M Substation installation (06A Depot) | 0 | 08-Jan-10 | | 700 | Access for visual inspection for E&M Substation installation (06A Depot) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A5930 | Power Infeed from Public Net available inc HV cable | 0 | 09-Feb-10 | | 476 | Power Infeed from Public Net available inc HV cable | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A2519 | Access for E&M Substation installation (06A Depot) | 0 | 09-Feb-10 | | 506 | Access for E&M Substation installation (06A Depot) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A5940 | Install LV Power Supply and LV Power Equipment | 15 | 07-Dec-10 | 11-Jan-11 | 266 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A5950 | Installation of TPS Equipment | 30 | 21-Dec-10 | 15-Feb-11 | 242 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A6330 | Installation of SIG-interlocking cubicle | 15 | 21-Dec-10 | 11-Jan-11 | 291 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A6340 | Commissioning of SIG -interlocking cubicle | 5 | 11-Jan-11 | 18-Jan-11 | 291 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A5960 | Install Telecom and Scada | 15 | 25-Jan-11 | 15-Feb-11 | 242 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A5970 | Testing and Commissioning | 14 | 15-Feb-11 | 07-Mar-11 | 242 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Access Roads | | | | | | 255 | 24-Jul-09 | 06-Aug-10 | 395 | 06-Aug-10, Access Roads | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1179 | North Side | 45 | 24-Jul-09 | 25-Sep-09 | 395 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1209 | Car Park & Hardstanding | 160 | 07-Sep-09 | 05-May-10 | 460 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1219 | Track & Stabling Area | 70 | 07-Sep-09 | 14-Dec-09 | 46 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1229 | Shunting Area | 70 | 21-Sep-09 | 11-Jan-10 | 36 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1189 | South Side | 20 | 28-Sep-09 | 23-Oct-09 | 395 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1199 | Finishes | 190 | 26-Oct-09 | 06-Aug-10 | 395 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1239 | Handover to trackworks resource | 0 | | 11-Jan-10 | 36 | Handover to trackworks resource | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E & M Installations | | | | | | 130 | 21-Jul-10 | 03-Feb-11 | 406 | 03-Feb-11, E & M Installations | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A4203 | Access for visual inspection for E&M Depot installation | 0 | 21-Jul-10 | | 535 | Access for visual inspection for E&M Depot installation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 06A-01-OHLE-50 | Installation of poles and building fixings | 32 | 23-Aug-10 | 05-Oct-10 | 38 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A4204 | Access for E&M Depot installation | 0 | 23-Aug-10 | | 514 | Access for E&M Depot installation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A4218 | Access for visual inspection to cable pits for cable laying (Depot) | 0 | 20-Sep-10 | | 493 | Access for visual inspection to cable pits for cable laying (Depot) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| Date | Revision | Checked | Approved | Page 48 of 51 | Rev 1 Baseline Remaining Work Rev 1 Baseline Milestone Milestone Summary |
| 07-Jul-09 | | scs/mh | | | Actual Work Critical Remaining Work |

CEC00624371_0095

Bilfinger Berger – Siemens – CAF Consortium

10.3 Look Ahead Programme

Three Month Look Ahead Programme

July 2009 - October 2009

EDINBURGH TRAM NETWORK



| Activity ID | Activity Name | Original Duration | Activity % Complete | Start | Finish | 2009 | |
|---|---|-------------------|---------------------|-------------|-----------|---|----|
| | | | | | | Q3 | Q4 |
| Edinburgh Tram - Construction Programme 01 Rev.D | | 1099 | | 28-Sep-07 A | 19-Mar-12 | | |
| Design Stage Consents | | 100 | | 28-Sep-07 A | 27-Nov-09 | | |
| TIE Consents | | 100 | | 28-Sep-07 A | 01-Sep-10 | | |
| Third Party Notice Periods | | 120 | | 10-Jul-09 | 11-Jan-10 | | |
| M & E | | 505 | | 19-May-08 A | 04-Jun-10 | | |
| 780 | M & E Review of Detailed Design | 30 | 35% | 12-Dec-08 A | 15-Aug-09 | M & E Review of Detailed Design | |
| 790 | M & E Design Freeze | 0 | 0% | | 15-Aug-09 | 790 ◆ M & E Design Freeze | |
| Railway Electrification | | 486 | | 16-Jun-08 A | 04-Jun-10 | | |
| A17160 | SDS Design OLE Foundations (no E&M item) | 100 | 47% | 08-Sep-08 A | 13-Jul-09 | SDS Design OLE Foundations (no E&M item) | |
| S-50270 | Procurement OCS - Main Components | 140 | 90% | 01-Sep-08 A | 24-Jul-09 | Procurement OCS - Main Components | |
| A17130 | Procurement | 100 | 90% | 20-Oct-08 A | 24-Jul-09 | Procurement | |
| S-50370 | Manufacturing TPS - rect & aux transformer | 125 | 0% | 10-Jul-09* | 18-Jan-10 | S-50370 | |
| S-50380 | Manufacturing TPS - DC + MV switchgear | 78 | 0% | 10-Jul-09* | 28-Oct-09 | S-50380 | |
| S-50390 | Manufacturing TPS - cables | 125 | 0% | 10-Jul-09* | 18-Jan-10 | S-50390 | |
| S-50280 | Manufacturing OCS | 89 | 0% | 10-Jul-09* | 12-Nov-09 | S-50280 | |
| A17140 | Manufacturing | 125 | 0% | 10-Jul-09 | 18-Jan-10 | A17140 | |
| S-50310 | Installation Preparation OCS | 226 | 70% | 01-Sep-08 A | 31-Jul-09 | Installation Preparation OCS | |
| A17150 | Dispatch | 186 | 0% | 31-Aug-09* | 04-Jun-10 | A17150 | |
| A17100 | Detail Design TPS | 100 | 90% | 29-Sep-08 A | 21-Jul-09 | Detail Design TPS | |
| A17120 | Detail Design OCS | 100 | 99% | 29-Sep-08 A | 10-Jul-09 | Detail Design OCS | |
| S-50240 | Construction Design OCS | 153 | 96% | 16-Jun-08 A | 16-Jul-09 | Construction Design OCS | |
| S-50340 | Configuration TPS | 85 | 79% | 01-Aug-08 A | 21-Jul-09 | Configuration TPS | |
| S-50220 | Configuration OCS - pole foundation/ anchor/ supports | 119 | 99% | 01-Aug-08 A | 10-Jul-09 | Configuration OCS - pole foundation/ anchor/ supports | |
| S-50210 | Configuration OCS - Layout Design | 138 | 99% | 07-Jul-08 A | 10-Jul-09 | Configuration OCS - Layout Design | |
| S-50230 | Configuration OCS - cross profiles | 119 | 98% | 27-Oct-08 A | 10-Jul-09 | Configuration OCS - cross profiles | |
| S-50330 | Basic Design & Studies TPS | 70 | 98% | 15-Sep-08 A | 31-Jul-09 | Basic Design & Studies TPS | |
| Track Work | | 359 | | 19-May-08 A | 30-Sep-09 | | |
| S-51010 | Verification sds design | 20 | 85% | 19-May-08 A | 15-Jul-09 | Verification sds design | |
| S-51170 | typical drawings | 70 | 70% | 20-Oct-08 A | 31-Jul-09 | typical drawings | |
| S-51130 | detailed Design | 250 | 88% | 20-Oct-08 A | 30-Sep-09 | detailed Design | |
| Rail Automation | | 234 | | 11-Sep-08 A | 24-Nov-09 | | |
| S-54450 | procurement & transport UPS | 120 | 65% | 10-Nov-08 A | 13-Aug-09 | procurement & transport UPS | |
| S-54440 | procurement & transport TPDS | 120 | 60% | 11-Sep-08 A | 24-Nov-09 | | |
| S-54430 | procurement & transport PABX | 120 | 50% | 10-Nov-08 A | 03-Nov-09 | | |
| S-54420 | procurement & transport fibre optic | 120 | 50% | 03-Nov-08 A | 23-Nov-09 | | |

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| Date | Revision | Chec... | Approved |
| 10-Jul-09 | Construction Programme Updated V46 & Progress | JAC | |

█ Actual Work ◆ Milestone
█ Normal █ % Complete

CEC00624371_0100

Three Month Look Ahead Programme

July 2009 - October 2009

EDINBURGH TRAM NETWORK



| Activity ID | Activity Name | Original Duration | Activity % Complete | Start | Finish | 2009 | | | |
|--|---|-------------------|---------------------|--------------------|------------------|--|----|----|----|
| | | | | | | Q3 | Q4 | Q1 | Q2 |
| S-54400 | procurement & transport E&M cubicles | 210 | 50% | 03-Nov-08 A | 09-Oct-09 | procurement & transport E&M of | | | |
| S-54410 | procurement & transport radio system | 218 | 60% | 24-Nov-08 A | 13-Nov-09 | procurement & transport radio system | | | |
| Workshop Equipment | | 381 | | 19-Sep-08 A | 13-May-10 | | | | |
| S-53320 | transport DWE | 120 | 0% | 14-Sep-09* | 15-Mar-10 | S-53320 | | | |
| S-53410 | storage for DWE available | 0 | 0% | 14-Sep-09* | | S-53410 ◆ storage for DWE available | | | |
| S-53310 | ordering DWE | 170 | 28% | 20-Oct-08 A | 30-Jul-09 | ordering DWE | | | |
| S-53220 | manufacture DWE | 242 | 15% | 09-Mar-09 A | 13-May-10 | manufacture DWE | | | |
| S-53000 | detail design DWE | 70 | 91% | 19-Sep-08 A | 31-Jul-09 | detail design DWE | | | |
| S-53010 | Approval detail design DWE | 129 | 50% | 24-Oct-08 A | 31-Aug-09 | Approval detail design DWE | | | |
| SECTION 01 NEWHAVEN ROAD TO HAYMARKET | | 1099 | | 28-Sep-07 A | 19-Mar-12 | | | | |
| 1 | SECTION 01 NEWHAVEN ROAD TO HAYMARKET | 1636 | 39.85% | 28-Sep-07 A | 19-Mar-12 | SECTION 01 NEWHAVEN ROAD TO HAYMARKET | | | |
| 01A Newhaven Road (inc.) to Foot of the Walk (exc.) | | 1090 | | 28-Sep-07 A | 06-Mar-12 | | | | |
| 3 | 01A Newhaven Road (inc.) to Foot of the Walk (exc.) | 1623 | 40.18% | 28-Sep-07 A | 06-Mar-12 | 01A Newhaven Road (inc.) to Foot of the Walk (exc.) | | | |
| Design Stage Consents | | 440 | | 28-Sep-07 A | 10-Jul-09 | | | | |
| B01310 | Issue Construction Drawings - Ductwork | 1 | 0% | 10-Jul-09* | 10-Jul-09 | B01310 Issue Construction Drawings - Ductwork | | | |
| A17260 | Forth Ports Agreement | 100 | 99% | 28-Sep-07 A | 10-Jul-09 | A17260 Forth Ports Agreement | | | |
| MUDFA & Utilities Completion Dates | | 0 | | 10-Jul-09 | 10-Jul-09 | | | | |
| Newhaven Road (inc.) to Ocean Terminal (exc.) | | 733 | | 30-Sep-08 A | 22-Sep-11 | | | | |
| 4 | Newhaven Road (inc.) to Ocean Terminal (exc.) | 1087 | 25.95% | 30-Sep-08 A | 22-Sep-11 | Newhaven Road (inc.) to Ocean Terminal (exc.) | | | |
| Design | | 0 | | 23-Jul-09 | 23-Jul-09 | | | | |
| B01100 | Lindsay Rd RW1 Ch.100-170 - Change - CEC comment | 0 | 0% | | 23-Jul-09 | B01100 ◆ Lindsay Rd RW1 Ch.100-170- Change - CEC comment | | | |
| Lindsay Road Retaining Walls (W1) | | 200 | | 10-Jul-09 | 05-May-10 | | | | |
| WBSSum001 | Lindsay Road Retaining Walls (W1) (WBS Summary) | 300 | 0% | 10-Jul-09 | 05-May-10 | WBSSum001 | | | |
| A20440 | Agreement of Change | 25 | 0% | 10-Jul-09* | 14-Aug-09 | A20440 Agreement of Change | | | |
| Wall A Construction | | 100 | | 10-Jul-09 | 27-Nov-09 | | | | |
| 12330 | Permanent Diversion of Services (by Others) | 100 | 0% | 10-Jul-09* | 27-Nov-09 | 12330 | | | |
| Ocean Terminal (inc.) to Port of Leith (exc.) | | 777 | | 11-Nov-08 A | 21-Feb-12 | | | | |
| 9 | Ocean Terminal (inc.) to Ocean Drive (exc.) | 1166 | 17.94% | 11-Nov-08 A | 21-Feb-12 | Ocean Terminal (inc.) to Ocean Drive (exc.) | | | |
| Design | | 0 | | 04-Aug-09 | 04-Aug-09 | | | | |
| B01010 | Scottish Water - Outfall Consent | 0 | 0% | | 04-Aug-09* | B01010 ◆ Scottish Water - Outfall Consent | | | |
| Tower Place Bridge (S17) | | 337 | | 10-Jul-09 | 16-Nov-10 | | | | |
| A20040 | Agreement of Change | 6 | 0% | 10-Jul-09 | 17-Jul-09* | A20040 Agreement of Change | | | |
| Services | | 20 | | 24-Jul-09 | 21-Aug-09 | | | | |
| A16050 | Temporary Diversion of Services (by others) | 20 | 0% | 24-Jul-09 | 21-Aug-09 | A16050 Temporary Diversion of Services (by others) | | | |
| S17 Works | | 307 | | 24-Aug-09 | 16-Nov-10 | | | | |

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| Date | Revision | Chec... | Approved |
| 10-Jul-09 | Construction Programme Updated V46 & Progress | JAC | |

█ Actual Work ◆ Milestone
█ Normal █ % Complete

CEC00624371_0101

Three Month Look Ahead Programme

July 2009 - October 2009

EDINBURGH TRAM NETWORK



| Activity ID | Activity Name | Original Duration | Activity % Complete | Start | Finish | 2009 | | | |
|--|--|-------------------|---------------------|--------------------|------------------|------|----|----|----|
| | | | | | | Q3 | Q4 | Q1 | Q2 |
| WBSSum003 | Tower Place Bridge (S17) (WBS Summary) | 450 | 0% | 24-Aug-09 | 16-Nov-10 | | | | |
| A16060 | Temporary Platforms and Demolition | 60 | 0% | 24-Aug-09* | 13-Nov-09 | | | | |
| Trackwork | | 16 | | 10-Jul-09 | 31-Jul-09 | | | | |
| A20430 | Agreement of Change | 16 | 0% | 10-Jul-09 | 31-Jul-09* | | | | |
| Port of Leith (inc.) to Bernard Street (exc.) | | 464 | | 03-Feb-09 A | 04-May-11 | | | | |
| 15 | Ocean Drive (inc.) to Constitution Street (exc.) | 691 | 52.24% | 03-Feb-09 A | 04-May-11 | | | | |
| Bernard Street (inc.) to Foot of the Walk (exc.) | | 641 | | 16-Feb-09 A | 15-Dec-11 | | | | |
| 18 | Constitution Street (inc.) to Foot of the Walk (exc.) | 944 | 54.03% | 16-Feb-09 A | 15-Dec-11 | | | | |
| 01B Foot of the Walk (inc.) to McDonald Road (exc.) | | 825 | | 15-Jul-08 A | 18-Nov-11 | | | | |
| A20050 | Agreement of Change (Trackform) | 46 | 0% | 10-Jul-09 | 14-Sep-09* | | | | |
| 21 | 01B Foot of the Walk (inc.) to McDonald Road (exc.) | 1218 | 29.24% | 15-Jul-08 A | 18-Nov-11 | | | | |
| MUDFA & Utilities Completion Dates | | 0 | | 31-Jul-09 | 04-Aug-09 | | | | |
| Foot of the walk (inc.) to Balfour Street (exc.) | | 710 | | 01-Oct-08 A | 19-Aug-11 | | | | |
| 22 | Foot of the walk (inc.) to Balfour Street (exc.) | 1054 | 26.94% | 01-Oct-08 A | 19-Aug-11 | | | | |
| Design | | 121 | | 10-Mar-09 A | 11-Sep-09 | | | | |
| B01270 | Works in Leith Walk suspended until access issues resolved | 121 | 62.81% | 10-Mar-09 A | 11-Sep-09 | | | | |
| B01340 | Issue Construction Drawings Leith Walk Rail Bridge - Trackwork | 0 | 0% | | 09-Sep-09* | | | | |
| Roadwork | | 220 | | 30-Oct-08 A | 08-Oct-09 | | | | |
| Leith Walk Ch.100-350 | | 220 | | 30-Oct-08 A | 08-Oct-09 | | | | |
| Northbound | | 220 | | 30-Oct-08 A | 08-Oct-09 | | | | |
| A12420 | Surface New Carriageway | 5 | 15% | 01-Dec-08 A | 18-Sep-09 | | | | |
| B25040 | Road Markings & Anti-Skid | 1 | 0% | 18-Sep-09 | 21-Sep-09 | | | | |
| A12400 | Reset Gullies & Inspection Chambers | 5 | 100% | 17-Nov-08 A | 14-Sep-09 | | | | |
| B25410 | Re-commence Works | 0 | 0% | 29-Sep-09* | | | | | |
| B25030 | Footpath Works | 12 | 95% | 17-Nov-08 A | 15-Sep-09 | | | | |
| B25020 | Duct Works (Jane Street) | 8 | 0% | 29-Sep-09 | 08-Oct-09 | | | | |
| A12390 | Construct Kerb lines | 12 | 95% | 30-Oct-08 A | 14-Sep-09 | | | | |
| Leith Walk Ch.350-600 | | 18 | | 14-Sep-09 | 07-Oct-09 | | | | |
| A12060 | Excavate for new channel and kerb line / remove existing kerbs & gullies | 10 | 0% | 16-Sep-09 | 29-Sep-09 | | | | |
| A12050 | Establish Traffic Management & Temp. Fencing | 2 | 0% | 14-Sep-09 | 15-Sep-09 | | | | |
| A12070 | Construct Kerb lines | 13 | 0% | 21-Sep-09 | 07-Oct-09 | | | | |
| Balfour Street (inc.) to McDonald Road (exc.) | | 770 | | 15-Jul-08 A | 02-Sep-11 | | | | |
| 25 | Balfour Street (inc.) to McDonald Road (exc.) | 1141 | 37% | 15-Jul-08 A | 02-Sep-11 | | | | |
| Roadwork | | 18 | | 14-Sep-09 | 07-Oct-09 | | | | |
| Balfour Street Ch 600-850 | | 18 | | 14-Sep-09 | 07-Oct-09 | | | | |

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| Date | Revision | Chec... | Approved |
| 10-Jul-09 | Construction Programme Updated V46 & Progress | JAC | |

█ Actual Work ◆ Milestone
█ Normal █ % Complete

CEC00624371_0102

Three Month Look Ahead Programme

July 2009 - October 2009

EDINBURGH TRAM NETWORK



| Activity ID | Activity Name | Original Duration | Activity % Complete | Start | Finish | 2009 | |
|--|--|-------------------|---------------------|-------------|------------|--------|---|
| | | | | | | Q3 | Q4 |
| A12140 | Excavate for new channel and kerb line / remove existing kerbs | 10 | 0% | 16-Sep-09 | 29-Sep-09 | | |
| A12130 | Establish Traffic Management & Temp. Fencing | 2 | 0% | 14-Sep-09 | 15-Sep-09 | | |
| A12150 | Construct Kerb lines | 13 | 0% | 21-Sep-09 | 07-Oct-09 | | |
| 01C McDonald Road (inc.) to Princess Street West (exc.) | | 870 | | 01-Sep-08 A | 19-Mar-12 | | |
| A20080 | Agreement of Change (Roadworks & Trackform) | 43 | 0% | 14-Jul-09* | 11-Sep-09 | A20080 | Agreement of Change (Roadworks & Trackform) |
| 29 | 01C McDonald Road (inc.) to Princess Street West (exc.) | 1295 | 24.02% | 01-Sep-08 A | 19-Mar-12 | | |
| MUDFA & Utilities Completion Dates | | 0 | | 10-Jul-09 | 10-Jul-09 | 650 | MUDFA & Utilities - BT Works |
| McDonald Road (inc.) to Picardy Place (exc.) | | 770 | | 01-Sep-08 A | 14-Oct-11 | | |
| 30 | McDonald Road (inc.) to Picardy Place (exc.) | 1138 | 28.92% | 01-Sep-08 A | 14-Oct-11 | | |
| Design | | 0 | | 28-Jul-09 | 28-Jul-09 | | |
| 12190 | Issue Construction Drawings - Trackwork | 0 | 0% | | 28-Jul-09* | | 12190 |
| 12200 | Issue Construction Drawings - Roadwork | 0 | 0% | | 28-Jul-09* | | 12200 |
| Roadwork | | 104 | | 14-Sep-09 | 19-Feb-10 | | |
| Leith Walk Ch 0-375 | | 104 | | 14-Sep-09 | 19-Feb-10 | | |
| A13540 | Leith Walk Ch.0-375 Construction | 80 | 0% | 25-Sep-09 | 19-Feb-10 | | A13540 |
| Northbound | | 25 | | 14-Sep-09 | 16-Oct-09 | | |
| B25180 | Site Clearance | 17 | 0% | 21-Sep-09 | 13-Oct-09 | | B25180 |
| B25210 | Reset Gullies & Inspection Chambers | 8 | 0% | 30-Sep-09 | 09-Oct-09 | | B25210 |
| B25170 | Excavate for new channel and kerb line / remove existing kerbs & gullies | 11 | 0% | 18-Sep-09 | 02-Oct-09 | | B25170 |
| B25160 | Establish Traffic Management & Temp. Fencing | 5 | 0% | 14-Sep-09 | 18-Sep-09 | | B25160 |
| B25190 | Construct Kerb lines | 18 | 0% | 23-Sep-09 | 16-Oct-09 | | B25190 |
| Picardy Place (inc.) to St. Andrews Square (exc.) | | 766 | | 06-Feb-09 A | 19-Mar-12 | | |
| 33 | Picardy Place (inc.) to St. Andrews Square (exc.) | 1137 | 13.81% | 06-Feb-09 A | 19-Mar-12 | | |
| Design | | 10 | | 14-Jul-09 | 28-Jul-09 | | |
| 12210 | Issue Construction Drawings - Trackwork | 0 | 0% | | 28-Jul-09* | | 12210 |
| 12230 | Issue Construction Drawings - Roadwork | 0 | 0% | | 28-Jul-09* | | 12230 |
| 12220 | Issue Construction Drawings - Picardy Place Tramstop | 0 | 0% | | 14-Jul-09* | | 12220 |
| St. Andrews Square (inc.) to Princes Street West (exc.) | | 766 | | 12-Dec-08 A | 19-Mar-12 | | |
| 46 | St. Andrews Square (inc.) to Princess Street West (exc.) | 1137 | 18.65% | 12-Dec-08 A | 19-Mar-12 | | |
| Princes Street West Tram Stop | | 79 | | 07-Sep-09 | 08-Jan-10 | | |
| 630 | Civil Engineering And Building Works | 65 | 0% | 07-Sep-09* | 08-Jan-10 | | 630 |
| 01D Princes Street (inc.) to Haymarket (exc.) | | 692 | | 24-Nov-08 A | 23-Sep-11 | | |
| A20070 | Agreement of Change (Haymarket) | 30 | 30% | 15-May-09 A | 30-Jul-09* | | Agreement of Change (Haymarket) |
| 39 | 01D Princess Street (inc.) to Haymarket (exc.) | 1030 | 21.75% | 24-Nov-08 A | 23-Sep-11 | | |
| MUDFA & Utilities Completion Dates | | 56 | | 10-Jul-09 | 29-Sep-09 | 650 | MUDFA & Utilities - BT Works |

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| Date | Revision | Chec... | Approved |
| 10-Jul-09 | Construction Programme Updated V46 & Progress | JAC | |

Actual Work ◆ Milestone
 Normal % Complete

CEC00624371_0103

Three Month Look Ahead Programme

July 2009 - October 2009

EDINBURGH TRAM NETWORK



| Activity ID | Activity Name | Original Duration | Activity % Complete | Start | Finish | 2009 | | | |
|--|--|-------------------|---------------------|-------------|-------------|--|----|----|----|
| | | | | | | Q3 | Q4 | Q1 | Q2 |
| Princes Street West (inc.) to Shadwick Place (exc.) | | | | | | | | | |
| 40 | Princess Street West (inc.) to Shadwick Place (exc.) | 704 | 31.25% | 24-Nov-08 A | 05-Nov-10 | | | | |
| Roadwork | | | | | | | | | |
| Princes Street Ch 380-0,1980-1360 | | | | | | | | | |
| West Section Eastbound Side | | | | | | | | | |
| A13850 | Trackworks (2x450m) | 105 | 65% | 23-Mar-09 A | 18-Aug-09 | Trackworks (2x450m) | | | |
| A13930 | Remove fencing and Traffic Management | 1 | 0% | 25-Sep-09 | 25-Sep-09 | A13930 Remove fencing and Traffic Management | | | |
| A20210 | Eastbound Carriageway | 44 | 0% | 13-Aug-09* | 25-Sep-09 | A20210 Eastbound Carriageway | | | |
| East Section Eastbound Side | | | | | | | | | |
| A20220 | Trackworks (1x216m + 2x180m) | 180 | 38% | 24-Apr-09 A | 03-Nov-09 | | | | |
| A20230 | Eastbound Carriageway | 90 | 42% | 25-Apr-09 A | 04-Oct-09 | Eastbound Carriageway | | | |
| West Section Westbound Side | | | | | | | | | |
| A20260 | Westbound Carriageway | 61 | 0% | 29-Aug-09* | 28-Oct-09 | A20260 Westbound Carriageway | | | |
| A20250 | Trackworks (1x216m) | 147 | 40% | 23-Mar-09 A | 25-Nov-09 | | | | |
| East Section Westbound Side | | | | | | | | | |
| A20300 | Westbound Carriageway | 25 | 18% | 25-Apr-09 A | 09-Nov-09 | | | | |
| Lothian Road Junction Ch 380-280 | | | | | | | | | |
| Eastbound Side Ch.380-280 | | | | | | | | | |
| A20320 | Trackworks (1x108m) | 72 | 0% | 31-Jul-09* | 11-Oct-09 | A20320 Trackworks (1x108m) | | | |
| A8250 | Establish Traffic Management & Temp. Fencing | 3 | 0% | 28-Jul-09* | 30-Jul-09 | A8250 Establish Traffic Management & Temp. Fencing | | | |
| Trackwork (710m) | | | | | | | | | |
| Princes Street Ch 280-0,1980-1360 | | | | | | | | | |
| Phase 1 | | | | | | | | | |
| A13830 | Street Surface finishes | 48 | 0% | 24-Sep-09 | 05-Jan-10 | A13830 Street Surface finishes | | | |
| 1D-16-TRCK-69 | Set Track Demob 5B / Remob 1C | 3 | 100% | 04-Jun-09 A | 05-Jun-09 A | Set Track Demob 5B / Remob 1C | | | |
| 1D-16-TRCK-70 | Set Track (950m) | 60 | 4% | 08-Jun-09 A | 02-Oct-09 | Set Track (950m) | | | |
| A13820 | Place Upper Concrete and Cure | 64 | 0% | 10-Jul-09 | 08-Oct-09 | A13820 Place Upper Concrete and Cure | | | |
| A13780 | Excavate, lay and concrete ducts | 23 | 90% | 17-Apr-09 A | 29-Jul-09 | Excavate, lay and concrete ducts | | | |
| A13790 | Excavate and construct OLE bases | 54 | 90% | 13-May-09 A | 24-Sep-09 | Excavate and construct OLE bases | | | |
| Shadwick Place (inc.) to Haymarket (exc.) | | | | | | | | | |
| 43 | Shadwick Place (inc.) to Haymarket (exc.) | 1030 | 21.75% | 02-Dec-08 A | 23-Sep-11 | | | | |
| Roadwork | | | | | | | | | |
| Haymarket Ch 1250-1125 | | | | | | | | | |
| Phase 1 | | | | | | | | | |
| B25270 | Preparation for Haymarket | 20 | 40% | 02-Dec-08 A | 27-Jul-09 | Preparation for Haymarket | | | |

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| Date | Revision | Chec... | Approved |
| 10-Jul-09 | Construction Programme Updated V46 & Progress | JAC | |

█ Actual Work ◆ Milestone
█ Normal █ % Complete

CEC00624371_0104

Three Month Look Ahead Programme

July 2009 - October 2009

EDINBURGH TRAM NETWORK



| Activity ID | Activity Name | Original Duration | Activity % Complete | Start | Finish | 2009 | |
|---|---|-------------------|---------------------|-------------|------------|--------|--|
| | | | | | | Q3 | Q4 |
| SECTION 2 HAYMARKET CORRIDOR | | 732 | | 31-Mar-08 A | 22-Mar-11 | | |
| 56 | SECTION 2 HAYMARKET CORRIDOR | 1085 | 42.86% | 31-Mar-08 A | 22-Mar-11 | | |
| 02A Haymarket Corridor | | 732 | | 31-Mar-08 A | 22-Mar-11 | | |
| 48 | 02A Haymarket Corridor | 1085 | 42.86% | 31-Mar-08 A | 22-Mar-11 | | |
| MUDFA & Utilities Completion Dates | | 0 | | 10-Jul-09 | 10-Jul-09 | 680190 | MUDFA & Utilities - Area 5 |
| Haymarket (inc.) to Roseburn Junction (inc.) | | 732 | | 31-Mar-08 A | 22-Mar-11 | | |
| 49 | Haymarket (inc.) to Roseburn Junction (inc.) | 1085 | 43.79% | 31-Mar-08 A | 22-Mar-11 | | |
| Design | | 14 | | 31-Aug-09 | 18-Sep-09 | | |
| B01350 | Issue Construction Drawings Russell Road Bridge - Trackwork | 0 | 0% | | 18-Sep-09* | | B01350 ♦ Issue Construction Drawings Russell Road Bridge - Trackwork |
| B01360 | Issue Construction Drawings Haymarket Viaduct - Trackwork | 0 | 0% | | 31-Aug-09* | | B01360 ♦ Issue Construction Drawings Haymarket Viaduct - Trackwork |
| Haymarket Station Viaduct (S19) | | 499 | | 31-Mar-08 A | 08-Apr-10 | | |
| WBSSUM004 | Haymarket Station Viaduct (S19) (WBS Summary) | 528 | 64.2% | 31-Mar-08 A | 08-Apr-10 | | |
| S19 Substructure | | 72 | | 01-Sep-08 A | 20-Oct-09 | | |
| 560 | West Abutment | 40 | 0% | 20-Jul-09 | 14-Sep-09 | 560 | West Abutment |
| 508 | Pier 4 | 30 | 75% | 11-Nov-08 A | 10-Sep-09 | | Pier 4 |
| 192 | Pier 1 | 30 | 0% | 20-Jul-09* | 31-Aug-09 | 192 | Pier 1 |
| 1139 | East Abutment | 40 | 30% | 01-Sep-08 A | 20-Oct-09 | | East Abutment |
| Trackwork (1135m) | | 49 | | 27-Jul-09 | 02-Oct-09 | | |
| B25280 | Site Clearance | 8 | 0% | 27-Jul-09* | 06-Aug-09 | B25280 | Site Clearance |
| 1109 | OLE Foundations - Drainage | 23 | 0% | 02-Sep-09 | 02-Oct-09 | | 1109 OLE Foundations - Drainage |
| 1099 | Bulk Excavation - Sub Base | 18 | 0% | 07-Aug-09 | 01-Sep-09 | 1099 | Bulk Excavation - Sub Base |
| SECTION 05 ROSEBURN JUNCTION TO GOGAR | | 924 | | 31-Oct-07 A | 20-Dec-11 | | |
| 99 | SECTION 05 ROSEBURN JUNCTION TO GOGAR | 1362 | 34.37% | 31-Oct-07 A | 20-Dec-11 | | |
| 05A Roseburn Junction (exc.) to Balgreen Road (inc.) | | 838 | | 18-Jul-08 A | 14-Dec-11 | | |
| 126 | 05A Roseburn Junction (exc.) to Balgreen Road (inc.) | 1238 | 28.27% | 18-Jul-08 A | 14-Dec-11 | | |
| MUDFA & Utilities Completion Dates | | 0 | | 10-Jul-09 | 10-Jul-09 | 230 | MUDFA & Utilities - Area 5 |
| Roseburn Junction (exc.) to Murrayfield Stadium (inc.) | | 830 | | 18-Jul-08 A | 14-Dec-11 | | |
| 102 | Roseburn Junction (exc.) to Murrayfield (inc.) | 1225 | 27.51% | 18-Jul-08 A | 14-Dec-11 | | |
| Design | | 148 | | 16-Feb-09 A | 17-Nov-09 | | |
| B20270 | W3 Re-design - proximity of existing sewer | 0 | 0% | 10-Jul-09* | | | |
| B11000 | Murrayfield Accommodation Works Design | 70 | 50% | 16-Feb-09 A | 17-Nov-09 | | |
| 10740 | Issue Construction Drawings - W18 Tram Stop Retaining Wall | 0 | 0% | | 22-Sep-09* | | 10740 ♦ Issue Construction Drawings - W18 Tram Stop Retaining Wall |
| 10460 | Issue Construction Drawings - Murrayfield Stadium Tramstop | 0 | 0% | | 28-Jul-09* | | 10460 ♦ Issue Construction Drawings - Murrayfield Stadium Tramstop |
| B01300 | Design for Soil Nailing | 10 | 70% | 08-Apr-09 A | 14-Jul-09 | | Design for Soil Nailing |
| Russel Road Underbridge (S20) | | 324 | | 15-May-09 A | 03-Sep-10 | | |

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| Date | Revision | Chec... | Approved |
| 10-Jul-09 | Construction Programme Updated V46 & Progress | JAC | |

█ Actual Work ♦ Milestone
█ Normal █ % Complete

CEC00624371_0105

Three Month Look Ahead Programme

July 2009 - October 2009

EDINBURGH TRAM NETWORK



| Activity ID | Activity Name | Original Duration | Activity % Complete | Start | Finish | 2009 | |
|---|---|-------------------|---------------------|-------------|------------|------|---|
| | | | | | | Q3 | Q4 |
| WBSSum005 | Russell Road Underbridge (S20) (WBS Summary) | 477 | 11.74% | 15-May-09 A | 03-Sep-10 | | |
| S20 Documentation | | 35 | | 21-Sep-09 | 06-Nov-09 | | |
| B20210 | WPP and Form C to Client and NR | 0 | 0% | 21-Sep-09 | | | B20210 ◆ WPP and Form C to Client and NR |
| B20220 | NR Form C Approval | 35 | 0% | 21-Sep-09* | 06-Nov-09 | | B20220 |
| S20 Establishment / Demolition / Site Clearance | | 40 | | 15-May-09 A | 04-Sep-09 | | |
| A20100 | Agreement of Change (RR Walls) | 40 | 0% | 15-May-09 A | 04-Sep-09* | | Agreement of Change (RR Walls) |
| S20 Substructure | | 10 | | 07-Sep-09 | 18-Sep-09 | | |
| A20090 | Trial Soil Nailing | 10 | 0% | 07-Sep-09* | 18-Sep-09 | | A20090 Trial Soil Nailing |
| Russell Road Retaining Walls (W3 and W4) | | 356 | | 17-Nov-08 A | 05-May-10 | | |
| WBSSum006 | Russell Road Retaining Walls (W3 & W4) | 535 | 43.94% | 17-Nov-08 A | 05-May-10 | | |
| A20110 | Agreement of Change | 30 | 40% | 17-Apr-09 A | 21-Aug-09* | | Agreement of Change |
| Demolition / Site Clearance | | 20 | | 31-Jul-09 | 28-Aug-09 | | |
| 250 | Demolish Existing Buildings | 20 | 0% | 31-Jul-09 | 28-Aug-09 | | 250 Demolish Existing Buildings |
| Wall 3 Construction | | 10 | | 17-Nov-08 A | 28-Aug-09 | | |
| 107 | Site Clearance | 10 | 50% | 17-Nov-08 A | 28-Aug-09 | | 107 Site Clearance |
| Wall 4 Construction | | 216 | | 17-Nov-08 A | 02-Oct-09 | | |
| B25320 | Temporary Access Road | 15 | 0% | 21-Aug-09* | 11-Sep-09 | | B25320 Temporary Access Road |
| B25310 | Site Clearance | 10 | 50% | 17-Nov-08 A | 28-Aug-09 | | B25310 Site Clearance |
| B25330 | Pile Caps | 15 | 0% | 14-Sep-09 | 02-Oct-09 | | B25330 Pile Caps |
| Murrayfield Tram Stop Retaining Wall (W18) | | 333 | | 24-Nov-08 A | 21-Sep-10 | | |
| WBSSum007 | Murrayfield Tramstop Retaining Wall (W18) (WBS Summary) | 490 | 10.61% | 24-Nov-08 A | 21-Sep-10 | | |
| B25309 | Agreement of Change | 100 | 0% | 10-Jul-09 | 17-Oct-09 | | B25309 Agreement of Change |
| Wall 18 Construction | | 20 | | 24-Nov-08 A | 11-Nov-09 | | |
| 108 | Site Clearance | 20 | 20% | 24-Nov-08 A | 11-Nov-09 | | 108 Site Clearance |
| Murrayfield Stadium (exc.) to Balgreen Road (inc.) | | 835 | | 24-Jul-08 A | 09-Dec-11 | | |
| 136 | Murrayfield (exc.) to Balgreen Road (inc.) | 1233 | 28.39% | 24-Jul-08 A | 09-Dec-11 | | |
| A20380 | Agreement of Change | 40 | 0% | 10-Jul-09 | 04-Sep-09* | | A20380 Agreement of Change |
| Design | | 292 | | 01-Sep-08 A | 29-Sep-09 | | |
| B20280 | Temporary Works Design - S21C Underpass | 65 | 0% | 01-Sep-08 A | 23-Jul-09 | | B20280 Temporary Works Design - S21C Underpass |
| B20320 | SDS Re-Design (Ground Improvement) - S21D | 65 | 0% | 01-Oct-08 A | 07-Aug-09 | | B20320 SDS Re-Design (Ground Improvement) - S21D |
| 10780 | Re-design - S21E Water of Leith Bridge | 50 | 66% | 02-Mar-09 A | 04-Aug-09 | | 10780 Re-design - S21E Water of Leith Bridge |
| B01370 | Issue Construction Drawings Ballgreen Road Bridge - Trackwork | 0 | 0% | | 29-Sep-09* | | B01370 ◆ Issue Construction Drawings Ballgreen Road B |
| Baird Drive Retaining Walls (W8) | | 157 | | 10-Jul-09 A | 03-Mar-10 | | |
| WBSSum008 | Baird Drive Retaining Walls (W8) (WBS Summary) | 237 | 0% | 01-Sep-09 A | 03-Mar-10 | | WBSSum008 |
| B25319 | Agreement of Change | 98 | 0% | 10-Jul-09 | 15-Oct-09 | | B25319 Agreement of Change |

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| Date | Revision | Chec... | Approved |
| 10-Jul-09 | Construction Programme Updated V46 & Progress | JAC | |

█ Actual Work ◆ Milestone
█ Normal █ % Complete

CEC00624371_0106

Three Month Look Ahead Programme

July 2009 - October 2009

EDINBURGH TRAM NETWORK



| Activity ID | Activity Name | Original Duration | Activity % Complete | Start | Finish | 2009 | |
|--|--|-------------------|---------------------|-------------|------------|------|---|
| | | | | | | Q3 | Q4 |
| Foundations | | | | | | | |
| 114 | Site Clearance | 10 | 20% | 01-Sep-09 A | 27-Oct-09 | | 114 Site Clearance |
| Roseburn Street Viaduct (S21A) | | | | | | | |
| WBSSum010 | Roseburn Street Viaduct (S21A) (WBS Summary) | 1054 | 67.55% | 01-Sep-08 A | 21-Jul-11 | | |
| Murrayfield Retaining Walls (S21B) | | | | | | | |
| 110 | Site Clearance | 20 | 65% | 14-Oct-08 A | 16-Dec-09 | | |
| B11100 | Murrayfield Stadium Building Works | 80 | 0% | 25-Aug-09* | 15-Dec-09 | | B11100 |
| WBSSum011 | Murrayfield Retaining Walls (S21B) (WBS Summary) | 618 | 43.53% | 14-Oct-08 A | 24-Jun-10 | | |
| B25329 | Agreement of Change | 46 | 0% | 10-Jul-09 | 24-Aug-09 | | B25329 Agreement of Change |
| Murrayfield Stadium Underpass (S21C) | | | | | | | |
| WBSSum012 | Murrayfield Stadium Underpass (S21C) (WBS Summary) | 242 | 0% | 10-Jul-09 | 08-Mar-10 | | WBSSum012 |
| S21C Establishment / Demolition / Site Clearance | | | | | | | |
| 112 | Site Clearance | 10 | 0% | 21-Sep-09* | 02-Oct-09 | | 112 Site Clearance |
| S21C Documentation | | | | | | | |
| B20290 | WPP and Form C to Client and NR | 1 | 0% | 24-Jul-09 | 24-Jul-09 | | B20290 WPP and Form C to Client and NR |
| B20300 | NR Form C Approval Period | 35 | 0% | 27-Jul-09 | 14-Sep-09 | | B20300 NR Form C Approval Period |
| B20310 | Clearance to Commence Works adjacent to railway | 1 | 0% | 15-Sep-09 | 15-Sep-09 | | B20310 Clearance to Commence Works adjacent to railway |
| B25339 | Agreement of Change | 67 | 0% | 10-Jul-09 | 14-Sep-09 | | B25339 Agreement of Change |
| 05B Balgreen Road (exc.) to Edinburgh Park Central (inc.) | | | | | | | |
| 118 | 05B Balgreen Road (exc.) to Edinburgh Park (inc.) | 1269 | 36.89% | 31-Oct-07 A | 19-Sep-11 | | |
| MUDFA & Utilities Completion Dates | | | | | | | |
| 680238 | MUDFA & Utilities - Edinburgh Park Tram Stop to South Gyle Tram Stop | 0 | 0% | 10-Jul-09 | 10-Jul-09 | | |
| Balgreen Road (exc.) to Saughton Road North (inc.) | | | | | | | |
| 119 | Balgreen Road (exc.) to Saughton Road North (inc.) | 1192 | 32.81% | 13-Jun-08 A | 19-Sep-11 | | |
| Design | | | | | | | |
| B01380 | Issue Construction Drawings Carrick Knowe Bridge - Trackwork | 0 | 0% | 20-Aug-09 | 20-Aug-09* | | B01380 Issue Construction Drawings Carrick Knowe Bridge - Trackwork |
| Carricknowe Bridge (S23) | | | | | | | |
| A20290 | Procurement of PC Beams - on hold pending re-design/change | 0 | 0% | 10-Jul-09 | 10-Jul-09 | | A20290 Procurement of PC Beams - on hold pending re-design/change |
| WBSSum015 | Carrick Knowe Bridge (S23) (WBS Summary) | 619 | 42.5% | 18-Aug-08 A | 30-Jun-10 | | |
| S23 Planned Rail Possessions | | | | | | | |
| B20150 | Wed 10 Jun - Thurs 11 Jun | 1 | 100% | 10-Jun-09 A | 10-Jul-09 | | Wed 10 Jun - Thurs 11 Jun |
| B20160 | (All Suns 00:30 - 08:30) | 1 | 0% | 10-Jul-09 | 10-Jul-09 | | B20160 (All Suns 00:30 - 08:30) |
| S23 Substructure | | | | | | | |
| B20361 | South Abutment | 110 | 5% | 02-Mar-09 A | 07-Dec-09 | | |
| B20351 | North Abutment | 110 | 0% | 20-Jul-09* | 05-Jan-10 | | B20351 |
| Trackwork (1690m) | | | | | | | |
| | | 86 | | 01-Jun-09 A | 12-Oct-09 | | |

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| Date | Revision | Chec... | Approved |
| 10-Jul-09 | Construction Programme Updated V46 & Progress | JAC | |

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█ Normal █ % Complete

CEC00624371_0107

Three Month Look Ahead Programme

July 2009 - October 2009

EDINBURGH TRAM NETWORK



| Activity ID | Activity Name | Original Duration | Activity % Complete | Start | Finish | 2009 | | | | |
|---|---|-------------------|---------------------|-------------|------------|------|-------------|----------------|---|--|
| | | | | | | Q3 | Q4 | | | |
| Ballasted Track 1160m | | | | | | 86 | 01-Jun-09 A | 12-Oct-09 | | |
| 1534 | OLE Foundations - Drainage | 23 | 0% | 10-Aug-09 | 09-Sep-09 | | | 1534 | OLE Foundations - Drainage | |
| 1533 | Earthworks - Subbase | 20 | 0% | 01-Jun-09 A | 07-Aug-09 | | | | Earthworks - Subbase | |
| 1609 | Bottom Ballast - Ducts | 23 | 0% | 10-Sep-09 | 12-Oct-09 | | | 1609 | Bottom Ballast - Ducts | |
| Concrete Slab Track 590m | | | | | | 55 | 10-Jul-09 | 25-Sep-09 | | |
| 1543 | Trackwork | 34 | 0% | 16-Jul-09 | 02-Sep-09 | | | 1543 | Trackwork | |
| 5B-10C-TRCK-69 | Track laying Demob 1A / Remob 5B | 3 | 0% | 30-Jul-09 | 04-Aug-09 | | | 5B-10C-TRCK-69 | Track laying Demob 1A / Remob 5B | |
| 5B-10C-TRCK-70 | Track laying | 26 | 0% | 05-Aug-09 | 09-Sep-09 | | | 5B-10C-TRCK-70 | Track laying | |
| 1544 | OLE Foundations - Drainage - Ducts | 24 | 0% | 10-Jul-09* | 13-Aug-09 | | | 1544 | OLE Foundations - Drainage - Ducts | |
| 1679 | Fencing & Finishes | 12 | 0% | 10-Sep-09 | 25-Sep-09 | | | 1679 | Fencing & Finishes | |
| Saughton Road North Tram Stop | | | | | | 65 | 10-Sep-09 | 10-Dec-09 | | |
| 123 | Civil Engineering and Building Works | 65 | 0% | 10-Sep-09 | 10-Dec-09 | | | 123 | | |
| Saughton Road North (exc.) to Bankhead (inc.) | | | | | | 705 | 11-Jul-08 A | 03-Jun-11 | | |
| 124 | Saughton road North (exc.) to South Gyle Access (inc.) | 749 | 33.92% | 11-Jul-08 A | 03-Jun-11 | | | | | |
| Design | | | | | | 30 | 01-Jun-09 A | 31-Jul-09 | | |
| 13240 | W11 - Re-design | 30 | 50% | 01-Jun-09 A | 31-Jul-09* | | | | W11 - Re-design | |
| B20340 | S26 "On Hold" awaiting TIE decision on design | 0 | 0% | 10-Jul-09* | | | | B20340 | S26 "On Hold" awaiting TIE decision on design | |
| 12880 | Issue Construction Drawings - S26 | 0 | 0% | | 10-Jul-09* | | | 12880 | Issue Construction Drawings - S26 | |
| Bankhead Retaining Wall (W11) | | | | | | 20 | 31-Aug-09 | 28-Sep-09 | | |
| WBSSum016 | Bankhead Retaining Wall (W11) (WBS Summary) | 28 | 0% | 31-Aug-09 | 28-Sep-09 | | | WBSSum016 | Bankhead Retaining Wall (W11) (WBS Summary) | |
| Wall 11 Construction | | | | | | 20 | 31-Aug-09 | 28-Sep-09 | | |
| 127 | Retaining Wall Construction | 20 | 0% | 31-Aug-09 | 28-Sep-09 | | | 127 | Retaining Wall Construction | |
| South Gyle Access Bridge (S26) | | | | | | 188 | 10-Jul-09 | 16-Apr-10 | | |
| WBSSum017 | South Gyle Access Bridge (S26) (WBS Summary) | 281 | 0% | 10-Jul-09 | 16-Apr-10 | | | WBSSum017 | | |
| A20390 | Agreement of Change | 40 | 0% | 10-Jul-09 | 04-Sep-09* | | | A20390 | Agreement of Change | |
| S26 Substructure | | | | | | 83 | 21-Sep-09 | 28-Jan-10 | | |
| 156 | Substructure | 83 | 0% | 21-Sep-09 | 28-Jan-10 | | | 156 | | |
| Trackwork (1260m) | | | | | | 36 | 20-Jul-09 | 08-Sep-09 | | |
| 510 | OLE Foundations - Drainage - Ducts | 28 | 0% | 30-Jul-09 | 08-Sep-09 | | | 510 | OLE Foundations - Drainage - Ducts | |
| 223 | Earthworks and Subbase | 8 | 0% | 20-Jul-09* | 29-Jul-09 | | | 223 | Earthworks and Subbase | |
| Bankhead (exc.) to Edinburgh Park Station (inc.) | | | | | | 686 | 11-Jul-08 A | 27-Apr-11 | | |
| 130 | South Gyle Access (exc.) to Edinburgh Park Station (inc.) | 728 | 35.59% | 11-Jul-08 A | 27-Apr-11 | | | | | |
| A20420 | Agreement of Change | 40 | 0% | 10-Jul-09 | 04-Sep-09* | | | A20420 | Agreement of Change | |
| Trackwork (790m) | | | | | | 254 | 14-Oct-08 A | 22-Oct-09 | | |
| 500 | OLE Foundations - Drainage | 32 | 0% | 17-Aug-09 | 30-Sep-09 | | | 500 | OLE Foundations - Drainage | |

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| Date | Revision | Chec... | Approved |
| 10-Jul-09 | Construction Programme Updated V46 & Progress | JAC | |

█ Actual Work █ Normal
◆ Milestone % Complete

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Three Month Look Ahead Programme

July 2009 - October 2009

EDINBURGH TRAM NETWORK



| Activity ID | Activity Name | Original Duration | Activity % Complete | Start | Finish | 2009 | |
|---|--|-------------------|---------------------|--------------------|------------------|--|----|
| | | | | | | Q3 | Q4 |
| 213 | Earthworks and Subbase | 15 | 0% | 14-Oct-08 A | 17-Aug-09 | Earthworks and Subbase | |
| 859 | Ducts and Bottom Ballast | 16 | 0% | 30-Sep-09 | 22-Oct-09 | 859 Ducts and B | |
| Edinburgh Park Station (exc.) to Edinburgh Park Central (inc.) | | 833 | | 31-Oct-07 A | 15-Aug-11 | | |
| 133 | Edinburgh Park Station (exc.) to Edinburgh Park (inc.) | 1234 | 37.93% | 31-Oct-07 A | 15-Aug-11 | | |
| Design | | 22 | | 10-Jul-09 | 11-Aug-09 | | |
| B01210 | Scottish Water - Outfall Consent | 0 | 0% | | 10-Jul-09* | B01210 Scottish Water - Outfall Consent | |
| B01420 | Issue Construction Drawings Edinburgh Park Bridge - Trackwork | 0 | 0% | | 11-Aug-09* | B01420 Issue Construction Drawings Edinburgh Park Bridge - Trackwork | |
| Edinburgh Park Station Bridge (S27) | | 528 | | 31-Oct-07 A | 20-May-10 | | |
| WBSSum018 | Edinburgh Park Station Bridge (S27) (WBS Summary) | 782 | 59.83% | 31-Oct-07 A | 20-May-10 | | |
| S27 Planned Rail Possessions | | 23 | | 10-Jun-09 A | 10-Jul-09 | | |
| B20080 | Wed 10 Jun - Thurs 11 Jun | 1 | 100% | 10-Jun-09 A | 10-Jun-09 A | B20080 Wed 10 Jun - Thurs 11 Jun | |
| B20090 | (All Suns 00:30 - 08:30) | 1 | 0% | 10-Jul-09 | 10-Jul-09 | B20090 (All Suns 00:30 - 08:30) | |
| S27 Superstructure | | 151 | | 08-Apr-09 A | 29-Jan-10 | | |
| B20110 | Superstructure | 151 | 25% | 08-Apr-09 A | 29-Jan-10 | | |
| S27 Finishes | | 371 | | 03-Nov-08 A | 23-Sep-09 | | |
| 13450 | South Approach Ramp | 53 | 0% | 10-Jul-09 | 23-Sep-09 | 13450 South Approach Ramp | |
| 13440 | North Approach Ramp | 53 | 10% | 03-Nov-08 A | 23-Sep-09 | 13440 North Approach Ramp | |
| Trackwork (854m) | | 550 | | 15-Sep-08 A | 28-Oct-10 | | |
| 490 | OLE Foundations - Drainage | 19 | 0% | 21-Sep-09 | 16-Oct-09 | 490 OLE Foundations - D | |
| 869 | Fencing | 10 | 45% | 01-May-09 A | 28-Oct-10 | | |
| 203 | Earthworks- Subbase | 11 | 5% | 15-Sep-08 A | 21-Sep-09 | 203 Earthworks- Subbase | |
| 05C Edinburgh Park Central (exc.) to Gogarburn (inc.) | | 839 | | 13-May-08 A | 20-Dec-11 | | |
| 690-2/3/6 | MUDFA & Utilities - Gogarburn TS to Edinburgh Park TS BT Works | 0 | 0% | 10-Jul-09* | | 690-2/3/6 MUDFA & Utilities - Gogarburn TS to Edinburgh Park TS BT Works | |
| 137 | 05C Edinburgh Park (exc.) to Gogarburn (inc.) | 1239 | 27.86% | 13-May-08 A | 20-Dec-11 | | |
| MUDFA & Utilities Completion Dates | | 0 | | 10-Jul-09 | 10-Jul-09 | 7000000 MUDFA & Utilities - Substation 1800 Gogarburn to Edinburgh Park TS | |
| Edinburgh Park Central (exc.) to Gyle Centre (inc.) | | 567 | | 13-May-08 A | 11-Jan-11 | | |
| 138 | Edinburgh Park (exc.) to Gyle (inc.) | 851 | 35.38% | 13-May-08 A | 11-Jan-11 | | |
| Gyle Centre Tram Stop Retaining Wall (W19) | | 50 | | 10-Jul-09 | 18-Sep-09 | | |
| WBSSum019 | Gyle Centre Tramstop Retaining Wall (W19) (WBS Summary) | 71 | 0% | 10-Jul-09 | 18-Sep-09 | WBSSum019 Gyle Centre Tramstop Retaining Wall (W19) (WBS Summary) | |
| A20400 | Agreement of Change | 20 | 0% | 10-Jul-09 | 07-Aug-09* | A20400 Agreement of Change | |
| Wall 19 Construction | | 20 | | 24-Aug-09 | 18-Sep-09 | | |
| 139 | Wall Construction | 20 | 0% | 24-Aug-09 | 18-Sep-09 | 139 Wall Construction | |
| Trackwork (760m) | | 20 | | 21-Sep-09 | 16-Oct-09 | | |
| 140 | Earthworks and Subbase | 20 | 0% | 21-Sep-09 | 16-Oct-09 | 140 Earthworks and Sub | |
| Gyle Centre (exc.) to Depot Stop (inc.) | | 784 | | 28-Jul-08 A | 03-Oct-11 | | |

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| Date | Revision | Chec... | Approved |
| 10-Jul-09 | Construction Programme Updated V46 & Progress | JAC | |

█ Actual Work ◆ Milestone
█ Normal █ % Complete

CEC00624371_0109

Three Month Look Ahead Programme

July 2009 - October 2009

EDINBURGH TRAM NETWORK



| Activity ID | Activity Name | Original Duration | Activity % Complete | Start | Finish | 2009 | |
|--|--|-------------------|---------------------|-------------|-------------|------|----|
| | | | | | | Q3 | Q4 |
| 142 | Gyle (exc.) to Depot Stop (inc.) | 1161 | 29.73% | 28-Jul-08 A | 03-Oct-11 | | |
| Design | | 40 | | 17-Mar-09 A | 07-Aug-09 | | |
| 13160 | Re-design S28 A8 Underpass | 40 | 50% | 17-Mar-09 A | 07-Aug-09* | | |
| A8 Underpass (S28) | | 313 | | 15-Oct-08 A | 06-Jul-10 | | |
| WBSSum020 | A8 Underpass (S28) (WBS Summary) | 463 | 28.72% | 15-Oct-08 A | 06-Jul-10 | | |
| S28 Establishment / Demolition / Site Clearance | | 14 | | 25-May-09 A | 10-Jul-09 A | | |
| 173 | Construct Temporary Road (Piling failed due to Obstructions) | 20 | 100% | 25-May-09 A | 10-Jul-09 A | | |
| S28 Construction | | 46 | | 15-Oct-08 A | 02-Oct-09 | | |
| 143 | Phase 1 | 46 | 15% | 15-Oct-08 A | 02-Oct-09 | | |
| A8 Retaining Walls (W16) | | 0 | | 10-Jul-09 | 10-Jul-09 | | |
| 145 | Soil Nailing | 0 | 0% | 10-Jul-09 | 10-Jul-09 | | |
| Depot Access Bridge (S32) | | 357 | | 10-Jul-09 | 16-Dec-10 | | |
| WBSSum021 | Depot Access Bridge (S32) (WBS Summary) | 524 | 0% | 10-Jul-09 | 16-Dec-10 | | |
| A20410 | Agreement of Change | 40 | 0% | 10-Jul-09 | 04-Sep-09* | | |
| Depot Stop (exc.) to Gogarburn (inc.) | | 517 | | 14-Jan-09 A | 27-Apr-11 | | |
| 147 | Depot Stop (exc.) to Gogarburn (inc.) | 768 | 27.9% | 14-Jan-09 A | 27-Apr-11 | | |
| Design | | 0 | | 12-Jun-09 A | 12-Jun-09 A | | |
| B01240 | Scottish Water - Outfall Consent | 0 | 100% | 12-Jun-09 A | 12-Jun-09 A | | |
| SECTION 06 GOGAR DEPOT | | 908 | | 28-Sep-07 A | 08-Jun-11 | | |
| 150 | SECTION 06 GOGAR DEPOT | 1351 | 48.27% | 28-Sep-07 A | 08-Jun-11 | | |
| 06A Gogar Depot | | 908 | | 28-Sep-07 A | 08-Jun-11 | | |
| 152 | 06A Gogar Depot | 1351 | 48.27% | 28-Sep-07 A | 08-Jun-11 | | |
| MUDFA & Utilities Completion Dates | | 0 | | 12-Jun-09 A | 12-Jun-09 A | | |
| Depot | | 211 | | 01-May-09 A | 21-Apr-10 | | |
| Design | | 20 | | 12-Jun-09 A | 10-Jul-09 | | |
| 1158 | Issue Construction Drawings - Procurement | 0 | 100% | | 12-Jun-09 A | | |
| 13140 | Issue Construction Drawings - Drainage | 0 | 0% | | 10-Jul-09* | | |
| B01400 | Issue Construction Drawings - Depot Road | 0 | 0% | | 10-Jul-09* | | |
| Establishment / Earthworks / Drainage | | 102 | | 15-May-09 A | 15-Dec-09 | | |
| 1149 | Earthworks 80,000cu.m | 95 | 25% | 15-May-09 A | 20-Oct-09 | | |
| 1289 | Drainage and Outfall | 90 | 0% | 10-Aug-09* | 15-Dec-09 | | |
| Access Roads | | 191 | | 10-Jul-09 | 21-Apr-10 | | |
| 1219 | Track & Stabling Area | 70 | 0% | 25-Aug-09 | 01-Dec-09 | | |
| 1229 | Shunting Area | 70 | 0% | 08-Sep-09 | 15-Dec-09 | | |
| 1179 | North Side | 45 | 0% | 10-Aug-09 | 09-Oct-09 | | |

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| Date | Revision | Chec... | Approved |
| 10-Jul-09 | Construction Programme Updated V46 & Progress | JAC | |

█ Actual Work ◆ Milestone
█ Normal █ % Complete

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Three Month Look Ahead Programme

July 2009 - October 2009

EDINBURGH TRAM NETWORK



| Activity ID | Activity Name | Original Duration | Activity % Complete | Start | Finish | 2009 | | | |
|---|--|-------------------|---------------------|--------------------|------------------|--------|--------|-----|--|
| | | | | | | Q3 | Q4 | Q1 | Q2 |
| 1209 | Car Park & Hardstanding | 160 | 0% | 25-Aug-09 | 21-Apr-10 | | | | |
| B25349 | Agreement of Change | 30 | 0% | 10-Jul-09 | 08-Aug-09 | B25349 | | | |
| Depot Building | | 104 | | 01-May-09 A | 04-Dec-09 | | | | |
| A17170 | Foundations | 55 | 0% | 18-Sep-09 | 04-Dec-09 | | A17170 | | |
| B25359 | Agreement of Change | 70 | 0% | 10-Jul-09 | 17-Sep-09 | B25359 | | | |
| Procurement | | 64 | | 01-May-09 A | 23-Oct-09 | | | | |
| 1159 | Steel Work Fabrication | 64 | 10% | 01-May-09 A | 23-Oct-09 | | | | Steel Work |
| Depot Substation | | 140 | | 10-Jul-09 | 08-Feb-10 | | | | |
| 316 | Civil Engineering and Building Works | 140 | 0% | 10-Jul-09 | 08-Feb-10 | 316 | | | |
| SECTION 07 GOGAR TO EDINBURGH AIRPORT | | 843 | | 15-May-08 A | 24-Oct-11 | | | | |
| 155 | SECTION 07 GOGAR TO EDINBURGH AIRPORT | 1244 | 32.8% | 15-May-08 A | 24-Oct-11 | | | | |
| 07A Gogarburn (exc.) to Edinburgh Airport (inc.) | | 843 | | 15-May-08 A | 24-Oct-11 | | | | |
| 157 | 07A Gogarburn (exc.) to Edinburgh Airport (inc.) | 1244 | 32.8% | 15-May-08 A | 24-Oct-11 | | | | |
| MUDFA & Utilities Completion Dates | | 0 | | 10-Jul-09 | 10-Jul-09 | 30039 | | | |
| Gogarburn (exc.) to Ingliston Park & Ride (inc.) | | 789 | | 15-May-08 A | 08-Aug-11 | | | | |
| 158 | Gogarburn (exc.) to Ingliston Park & Ride (inc.) | 1168 | 34.94% | 15-May-08 A | 08-Aug-11 | | | | |
| Enabling Works | | 28 | | 20-Oct-08 A | 13-Aug-09 | | | | |
| A2000 | Site and Vegetation Clearance | 28 | 15% | 20-Oct-08 A | 13-Aug-09 | | | | Site and Vegetation Clearance |
| Gogarburn Underbridge (S29) | | 294 | | 20-Oct-08 A | 07-Jan-10 | | | | |
| WBSSum022 | Gogarburn Underbridge (S29) (WBS Summary) | 445 | 59.1% | 20-Oct-08 A | 07-Jan-10 | | | | |
| S29 Substructure | | 30 | | 04-Mar-09 A | 05-Aug-09 | | | | |
| 219 | West Abutment-Reinforced Earth | 15 | 85% | 04-Mar-09 A | 05-Aug-09 | | | | West Abutment-Reinforced Earth |
| 189 | East Abutment-Reinforced Earth | 15 | 85% | 13-Mar-09 A | 30-Jul-09 | | | | East Abutment-Reinforced Earth |
| S29 Establishment / Demolition / Site Clearance | | 118 | | 10-Jul-09 | 07-Jan-10 | | | | |
| 13041 | Treat area of contaminated land | 130 | 0% | 10-Jul-09 | 07-Jan-10 | 13041 | | | |
| S29 Superstructure | | 65 | | 10-Aug-09 | 06-Nov-09 | | | | |
| 199 | East Abutment-Parapets and Run on Slabs | 29 | 0% | 29-Sep-09 | 06-Nov-09 | | | 199 | |
| 239 | Bridge Deck | 41 | 0% | 10-Aug-09* | 05-Oct-09 | | 239 | | Bridge Deck |
| Gogarburn Culvert No1 (S30) | | 114 | | 16-Feb-09 A | 01-Sep-09 | | | | |
| 259 | Reinforced Concrete Apron and Wingwalls | 20 | 0% | 20-Jul-09 | 17-Aug-09 | 259 | | | Reinforced Concrete Apron and Wingwalls |
| 249 | Precast Culvert Units | 5 | 0% | 13-Jul-09* | 17-Jul-09 | 249 | | | Precast Culvert Units |
| WBSSum023 | Gogarburn Culvert No.1 (S30) (WBS Summary) | 166 | 69.33% | 16-Feb-09 A | 01-Sep-09 | | | | Gogarburn Culvert No.1 (S30) (WBS Summary) |
| 269 | Backfill and Finishes | 11 | 0% | 18-Aug-09 | 01-Sep-09 | | 269 | | Backfill and Finishes |
| Trackwork (1750m) | | 152 | | 13-Apr-09 A | 16-Nov-09 | | | | |
| 162 | Earthworks and Subbase | 37 | 0% | 24-Sep-09 | 16-Nov-09 | | | 162 | |

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| Date | Revision | Chec... | Approved |
| 10-Jul-09 | Construction Programme Updated V46 & Progress | JAC | |

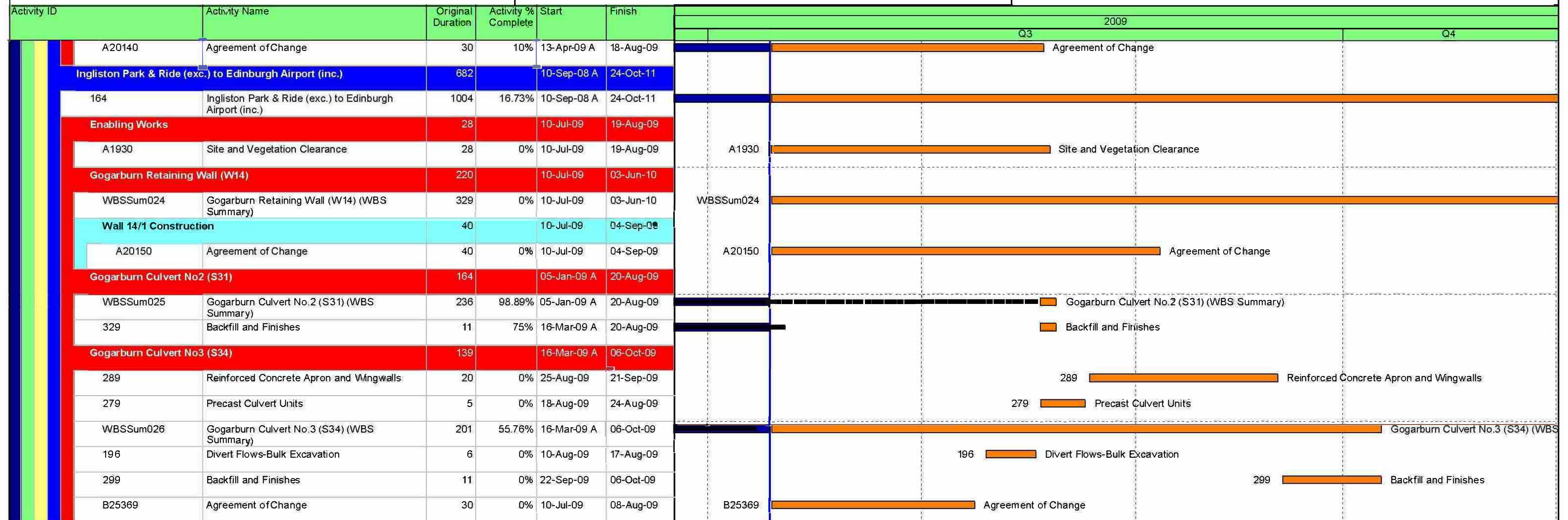
█ Actual Work ◆ Milestone
█ Normal █ % Complete

CEC00624371_0111

Three Month Look Ahead Programme

July 2009 - October 2009

EDINBURGH TRAM NETWORK



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| Date | Revision | Chec... | Approved |
| 10-Jul-09 | Construction Programme Updated V46 & Progress | JAC | |

█ Actual Work ◆ Milestone
█ Normal █ % Complete

CEC00624371_0112

Bilfinger Berger – Siemens – CAF Consortium

10.4 Tram Programme



SUPPLY OF 27 TRAMS FOR THE EDINBURGH TRAM NETWORK
PROJECT PLANNING up to 2nd of August

| Id | Name | % | Start | Finish | 2008 | | | | | | | | | | | | 2009 | | | | | | | | | | | | 2010 | | | | | | | | | | | | 2011 | | | | | | | | | | | | |
|----|---|------|----------|----------|---|------------------------------------|---|---|---|---|---|---|---|---|---|---|------|---|---|---|---|---|---|---|---|---|---|---|------|---|---|---|---|---|---|---|---|---|---|---|------|---|---|---|---|--|--|--|--|--|--|--|--|
| | | | | | M | A | M | J | J | A | S | O | N | D | E | F | M | A | M | J | J | A | S | O | N | D | E | F | M | A | M | J | J | A | S | O | N | D | E | F | M | A | M | J | J | | | | | | | | |
| 1 | GENERAL | 100% | 06/05/08 | 06/05/08 | ▼ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | NTP | 100% | 06/05/08 | 06/05/08 | ◆ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | ENGINEERING | 100% | 06/05/08 | 15/05/09 | [Gantt bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | BASIC ENGINEERING | 100% | 06/05/08 | 13/11/08 | [Gantt bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | MOCK-UP | 100% | 13/05/08 | 05/11/08 | [Gantt bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | DESIGN & MANUFACTURING MOCK-UP | 100% | 13/05/08 | 29/09/08 | [Gantt bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | APPROVAL MOCK-UP | 100% | 30/09/08 | 05/11/08 | [Gantt bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | UNDERFRAME DESIGN | 100% | 01/07/08 | 24/11/08 | [Gantt bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | CARBODY DESIGN | 100% | 28/08/08 | 29/04/09 | [Gantt bar] Bus Tracker not officially closed | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | LIST OF STEEL MATERIALS | 100% | 11/06/08 | 11/06/08 | ◆ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | INSTALLATIONS DESIGN | 100% | 24/10/08 | 14/04/09 | [Gantt bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | INTERIORS & FINISHING DESIGN | 100% | 25/11/08 | 15/05/09 | [Gantt bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | BOGIES DESIGN | 100% | 23/07/08 | 15/01/09 | [Gantt bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | 1st TRAMSET PROCUREMENT | 100% | 06/05/08 | 17/07/09 | [Gantt bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | SYSTEMS | 100% | 06/05/08 | 10/07/09 | [Gantt bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | SPECIFICATIONS | 100% | 06/05/08 | 04/06/08 | [Gantt bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | SELECTION OF SUPPLIERS | 100% | 21/05/08 | 01/07/08 | [Gantt bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | ORDERS | 100% | 17/06/08 | 29/07/08 | [Gantt bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | INTERFACE 1- Systems Interface Basic Definition | 100% | 30/07/08 | 29/04/09 | [Gantt bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | CAF SYSTEMS | 100% | 30/07/08 | 31/10/08 | [Gantt bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | TPDS | 100% | 30/07/08 | 09/01/09 | [Gantt bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | RADIO | 100% | 30/07/08 | 04/02/09 | [Gantt bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | BUS TRACKER | 100% | 30/07/08 | 29/04/09 | [Gantt bar] Not officially closed | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | INTERFACE 2- Systems Interface Complete Definition | 100% | 25/09/08 | 29/04/09 | [Gantt bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | CAF SYSTEMS | 100% | 25/09/08 | 15/12/08 | [Gantt bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | TPDS | 100% | 25/09/08 | 06/02/09 | [Gantt bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | RADIO | 100% | 25/09/08 | 04/03/09 | [Gantt bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | BUS TRACKER | 100% | 25/09/08 | 29/04/09 | [Gantt bar] Not officially closed | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 | MANUFACTURING & PURCHASING & TESTING | 100% | 27/06/08 | 10/07/09 | [Gantt bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | DELIVERY PREASSEMBLIES COMPONENTS | 100% | 15/04/09 | 15/04/09 | ◆ | Preassembly material not available | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | DELIVERY FIRST EQUIPMENT | 100% | 15/04/09 | 10/07/09 | [Gantt bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 | OTHERS COMPONENTS & MATERIALS | 100% | 11/06/08 | 17/07/09 | [Gantt bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 33 | STEEL MATERIALS | 100% | 11/06/08 | 24/11/08 | [Gantt bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 34 | CARBODY COMPONENTS | 100% | 24/10/08 | 16/03/09 | [Gantt bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 35 | INSTALLATIONS COMPONENTS | 100% | 16/12/08 | 29/05/09 | [Gantt bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 36 | INTERIORS & FINISHING COMPONENTS | 100% | 17/02/09 | 17/07/09 | [Gantt bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 37 | 1st TRAM MANUFACTURING & TESTING | 64% | 14/11/08 | 04/06/10 | [Gantt bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 38 | BODYSHELLS MANUFACTURING | 100% | 14/11/08 | 02/06/09 | [Gantt bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 39 | JIGS & TOOLING MANUFACTURING | 100% | 14/11/08 | 16/03/09 | [Gantt bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40 | FRAME TOOLING | 100% | 14/11/08 | 09/02/09 | [Gantt bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 41 | BODYSHELL TOOLING | 100% | 12/01/09 | 16/03/09 | [Gantt bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 42 | 1st BODYSHELL MANUFACTURING | 100% | 25/11/08 | 16/04/09 | [Gantt bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 43 | FIRST PIECES LOT | 100% | 25/11/08 | 07/01/09 | [Gantt bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

INFORME DE AVANCE DE FABRICACIÓN MANUFACTURING STATUS "EDINBURGH TRAM"

1. PLANTILLA MEDICIÓN CAJA / BODYSHELL MEASUREMENT JIG



A-6 Bodyshell in the measurement jig

2. CAJAS IMPRIMADAS/ PRIMED BODYSHELLS



D-3 Bodyshell primed