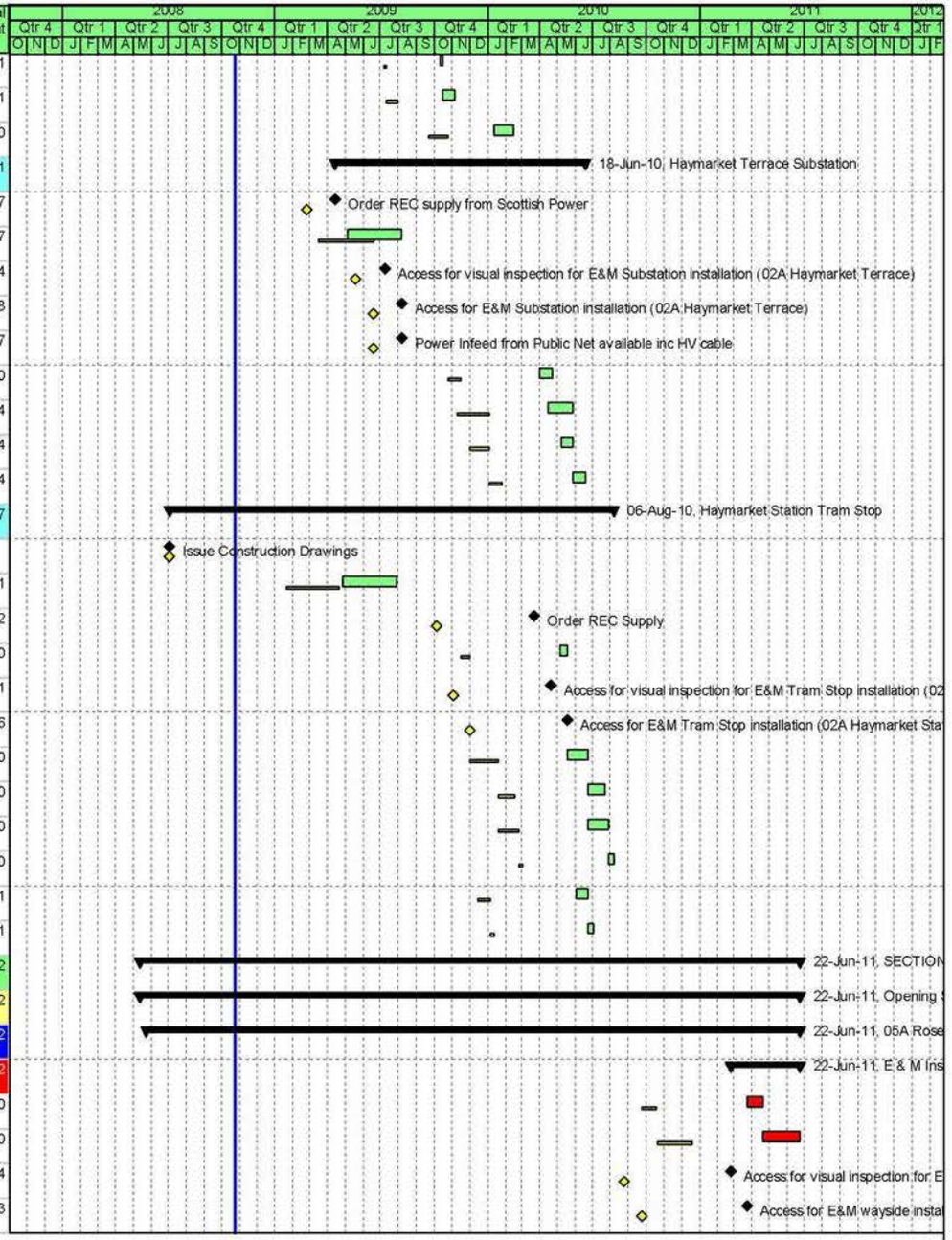
Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
2A-13C-TRCK-69	Track Laying 3 Demob 1A / Remob 2A	3	13-Oct-09	16-Oct-09	41
2A-13C-TRCK-70	Track Laying 3	14	16-Oct-09	05-Nov-09	41
550	Fencing	23	13-Jan-10	15-Feb-10	380
Haymarket Terrace Substation		291	14-Apr-09	18-Jun-10	411
326	Order REC supply from Scottish Power	0	14-Apr-09		607
336	Civil Engineering and Building Works	65	06-May-09	06-Aug-09	607
A2698	Access for visual inspection for E&M Substation installation (02A Haymarket Terrace)	0	08-Jul-09		684
A2699	Access for E&M Substation installation (02A Haymarket Terrace)	0	07-Aug-09		648
A5630	Power Infeed from Public Net available inc HV cable	0	07-Aug-09		607
A5640	Install LV Power Supply and LV Power Equipment	15	31-Mar-10	22-Apr-10	450
A5650	Installation of TPS Equipment	30	15-Apr-10	28-May-10	294
A5660	Install Telecom and Scada	15	07-May-10	28-May-10	294
A5670	Testing and Commissioning	14	28-May-10	18-Jun-10	294
Haymarket Station Tram Stop		515	02-Jul-08 A	06-Aug-10	377
12350	Issue Construction Drawings	0		02-Jul-08 A	
135	Civil Engineering and Building Works	65	27-Apr-09	29-Jul-09	471
488	Order REC Supply	0	22-Mar-10		472
A2480	Deliver and Install Shelter	10	05-May-10	19-May-10	260
A4678	Access for visual inspection for E&M Tram Stop installation (02A Haymarket Station)	0	19-Apr-10		481
A4679	Access for E&M Tram Stop installation (02A Haymarket Station)	0	19-May-10		276
A4680	Install LV Power Supply and LV Power Equipment	25	19-May-10	24-Jun-10	260
A4690	Install Telecon Equipment	20	24-Jun-10	22-Jul-10	270
A4700	Install Station Control Equipment + AFC Equipment	25	24-Jun-10	29-Jul-10	260
A4710	Package Test Tramstop	5	29-Jul-10	06-Aug-10	260
A6170	Installation of SIG-interlocking cubicle	15	03-Jun-10	24-Jun-10	301
A6180	Commissioning of SIG -interlocking cubicle	5	24-Jun-10	01-Jul-10	301
SECTION 05 ROSEBURN JUNCTION TO GOGAR		765	13-May-08 A	22-Jun-11	162
Opening Sequence A (Airport to Haymarket)		765	13-May-08 A	22-Jun-11	162
05A Roseburn Junction (exc.) to Balgreen Road (inc.)		757	23-May-08 A	22-Jun-11	162
E & M Installations		83	23-Feb-11	22-Jun-11	162
5A-11/12-OHLE-50	Installation of poles and building fixings	18	25-Mar-11	20-Apr-11	0
5A-11/12-OHLE-60	Overhead Catenary Line	43	21-Apr-11	22-Jun-11	0
A4083	Access for visual inspection for E&M wayside installation (05A)	0	23-Feb-11		244
A4084	Access for E&M wayside installation (05A)	0	25-Mar-11		223



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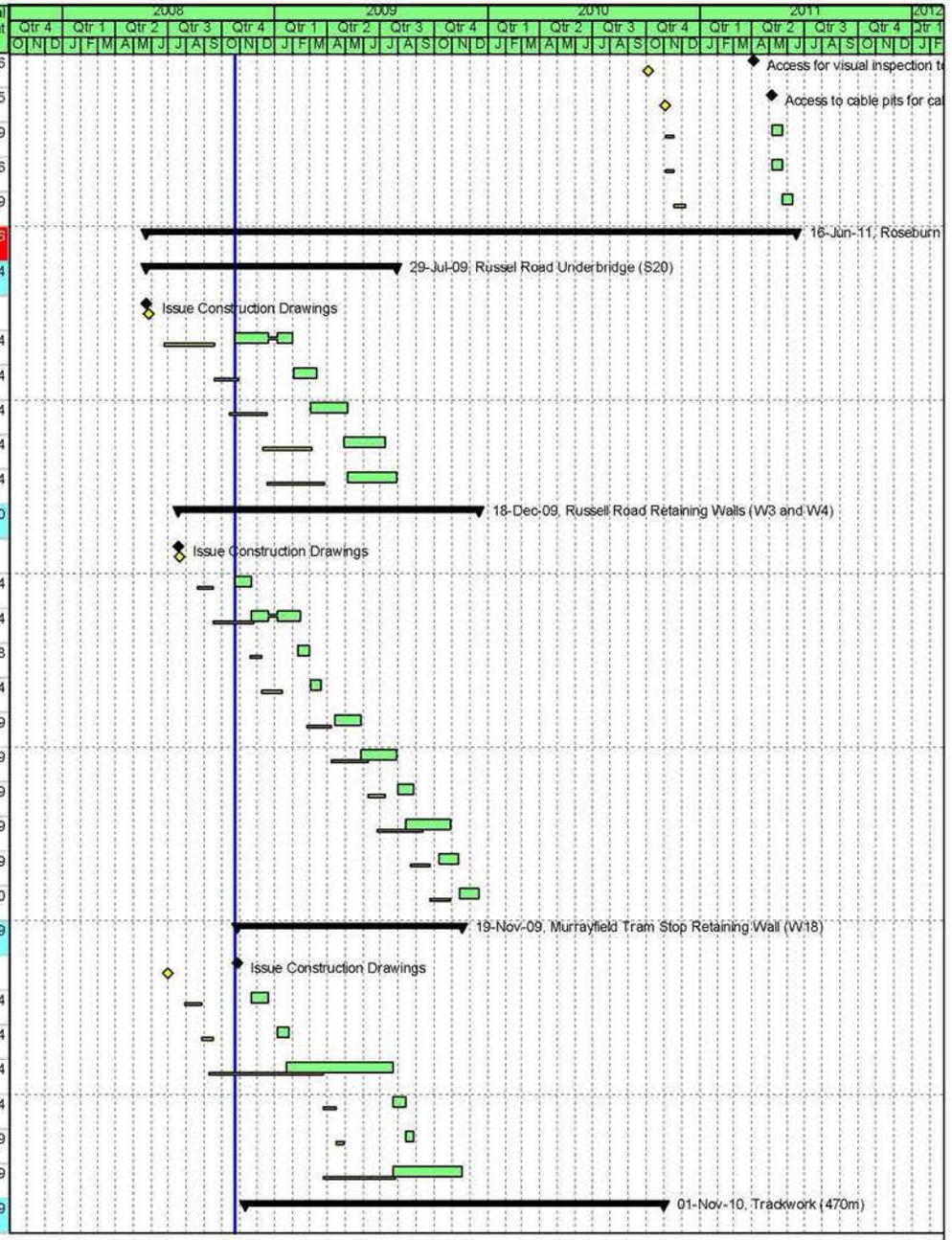
V31 Baseline — Remaining Work — V31 Baseline Milestone — Summary
Actual Work — Critical Remaining Work — Milestone

CEC01169379_0073

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
A4098	Access for visual inspection to cable pits for cable laying (05A)	0	05-Apr-11		216
A4099	Access to cable pits for cable laying (05A)	0	06-May-11		195
A4100	Install Electrical Cables	12	06-May-11	23-May-11	49
A4110	Install Fibre Optic Cables	12	06-May-11	23-May-11	66
A4120	Install Signalling Wayside Equipment	12	24-May-11	09-Jun-11	49
Roseburn Junction (exc.) to Murrayfield Stadium (inc.)		753	23-May-08 A	16-Jun-11	166
Russel Road Underbridge (S20)		292	23-May-08 A	29-Jul-09	244
10270	Issue Construction Drawings	0		23-May-08 A	
103	Excavation and piling	60	24-Oct-08	30-Jan-09	104
238	Bases	30	02-Feb-09	13-Mar-09	104
429	Abutments and Wing Walls	45	02-Mar-09	05-May-09	104
439	Deck	50	28-Apr-09	08-Jul-09	104
449	Bridge Finishes	60	06-May-09	29-Jul-09	244
Russell Road Retaining Walls (W3 and W4)		353	18-Jul-08 A	18-Dec-09	410
10660	Issue Construction Drawings	0		18-Jul-08 A	
107	Site Clearance	20	24-Oct-08	20-Nov-08	184
250	Demolish Existing Buildings	50	21-Nov-08	13-Feb-09	184
338	Temporary Access Road	15	09-Feb-09	27-Feb-09	188
348	Bored Piling	15	02-Mar-09	20-Mar-09	184
370	Pile Caps	30	14-Apr-09	27-May-09	169
659	Retaining Wall	45	28-May-09	29-Jul-09	169
669	Waterproofing	20	30-Jul-09	27-Aug-09	169
679	Imported Fill	55	14-Aug-09	29-Oct-09	169
689	Parapet	25	09-Oct-09	12-Nov-09	169
699	Road Reinstate	25	13-Nov-09	18-Dec-09	410
Murrayfield Tram Stop Retaining Wall (W18)		348	27-Oct-08 A	19-Nov-09	269
10740	Issue Construction Drawings	0		27-Oct-08 A	
108	Site Clearance	20	21-Nov-08	19-Dec-08	114
182	Foundations	15	05-Jan-09	23-Jan-09	114
217	Reinforced Earth Wall	130	19-Jan-09	22-Jul-09	114
418	Coping	15	23-Jul-09	13-Aug-09	234
428	Handrail	10	14-Aug-09	27-Aug-09	269
440	Steps	85	23-Jul-09	19-Nov-09	269
Trackwork (470m)		485	10-Nov-08	01-Nov-10	199



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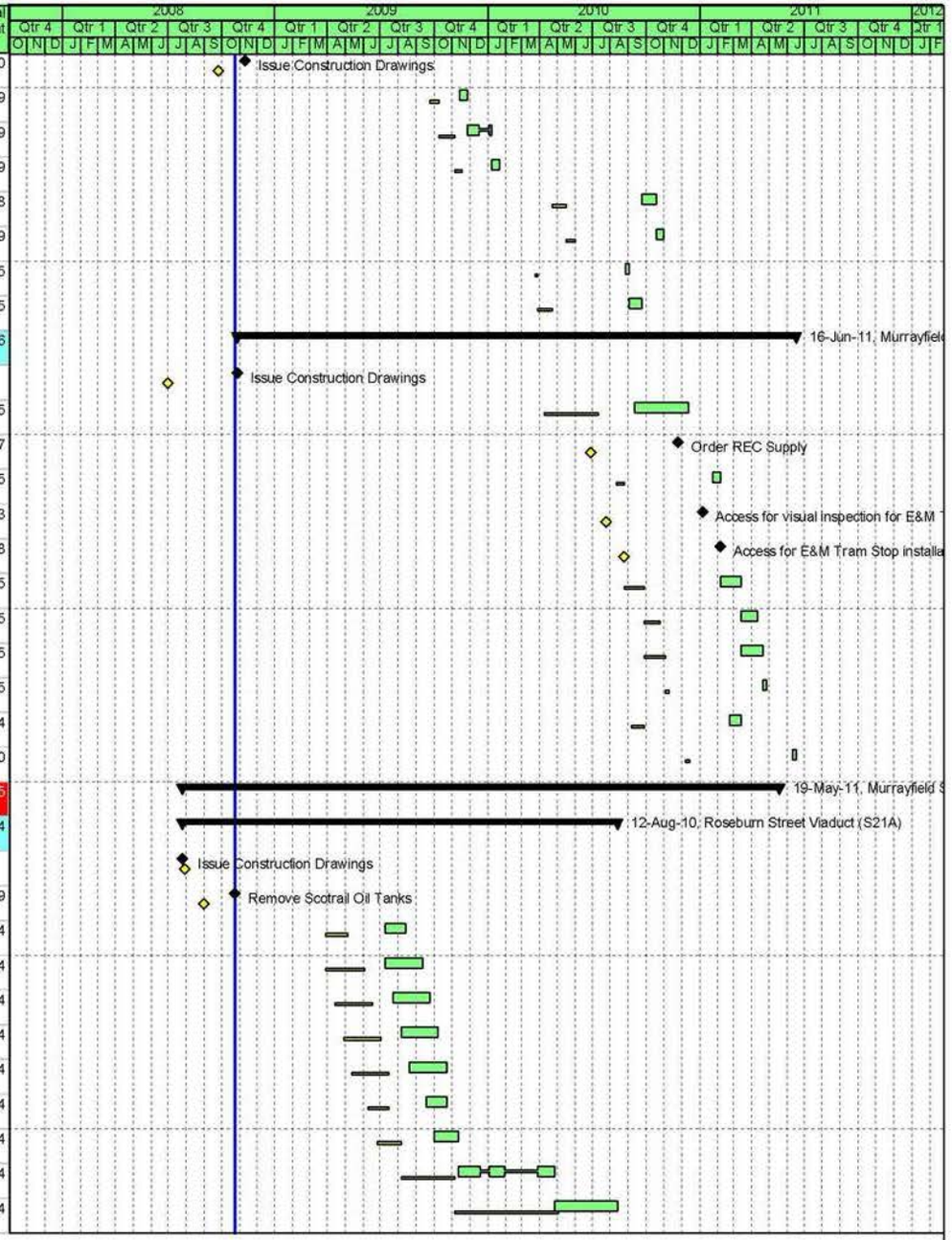
V31 Baseline — Remaining Work — V31 Baseline Milestone — Summary
Actual Work — Critical Remaining Work — Milestone

CEC01169379_0074

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
10180	Issue Construction Drawings	0		10-Nov-08*	0
1029	Bulk Excavation - Sub Base	10	13-Nov-09	26-Nov-09	169
1039	OLE Foundations - Drainage	19	27-Nov-09	07-Jan-10	169
1049	CBM- Ducts	10	08-Jan-10	21-Jan-10	169
253	Track Finishes	16	24-Sep-10	18-Oct-10	138
540	Fencing	10	18-Oct-10	01-Nov-10	199
5A-12-TRCK-69	Track Laying Demo 7A / Remob 5A	3	27-Aug-10	01-Sep-10	15
5A-12-TRCK-70	Track Laying (470m)	17	01-Sep-10	24-Sep-10	15
Murrayfield Stadium Tram Stop		729	27-Oct-08 A	16-Jun-11	166
10460	Issue Construction Drawings	0		27-Oct-08 A	
105	Civil Engineering and Building Works	65	10-Sep-10	13-Dec-10	85
228	Order REC Supply	0	26-Nov-10		297
A2030	Deliver and Install Shelter	10	24-Jan-11	07-Feb-11	85
A5078	Access for visual inspection for E&M Tram Stop installation (05A Murrayfield)	0	06-Jan-11		293
A5079	Access for E&M Tram Stop installation (05A Murrayfield)	0	07-Feb-11		88
A5080	Install LV Power Supply and LV Power Equipment	25	07-Feb-11	14-Mar-11	85
A5090	Install Telecon Equipment	20	14-Mar-11	12-Apr-11	95
A5100	Install Station Control Equipment + AFC Equipment	25	14-Mar-11	19-Apr-11	85
A5110	Package Test Tramstop	5	19-Apr-11	26-Apr-11	85
A6270	Installation of SIG-interlocking cubicle	15	21-Feb-11	14-Mar-11	114
A6280	Commissioning of SIG -interlocking cubicle	5	09-Jun-11	16-Jun-11	50
Murrayfield Stadium (exc.) to Balgreen Road (inc.)		697	24-Jul-08 A	19-May-11	185
Roseburn Street Viaduct (S21A)		503	25-Jul-08 A	12-Aug-10	104
10750	Issue Construction Drawings	0		25-Jul-08 A	
10751	Remove Scotrail Oil Tanks	0		24-Oct-08*	-39
109	Bankseat at Grid line A	25	08-Jul-09	13-Aug-09	104
172	Pier B	45	08-Jul-09	10-Sep-09	104
207	Pier C	45	22-Jul-09	24-Sep-09	104
398	Pier D	45	06-Aug-09	08-Oct-09	104
408	Pier E	45	20-Aug-09	22-Oct-09	104
420	Bankseat at Gridline F	25	17-Sep-09	22-Oct-09	104
430	Structural steelwok	30	01-Oct-09	12-Nov-09	104
729	Deck Concrete	65	12-Nov-09	26-Apr-10	104
739	Finishes	75	26-Apr-10	12-Aug-10	104



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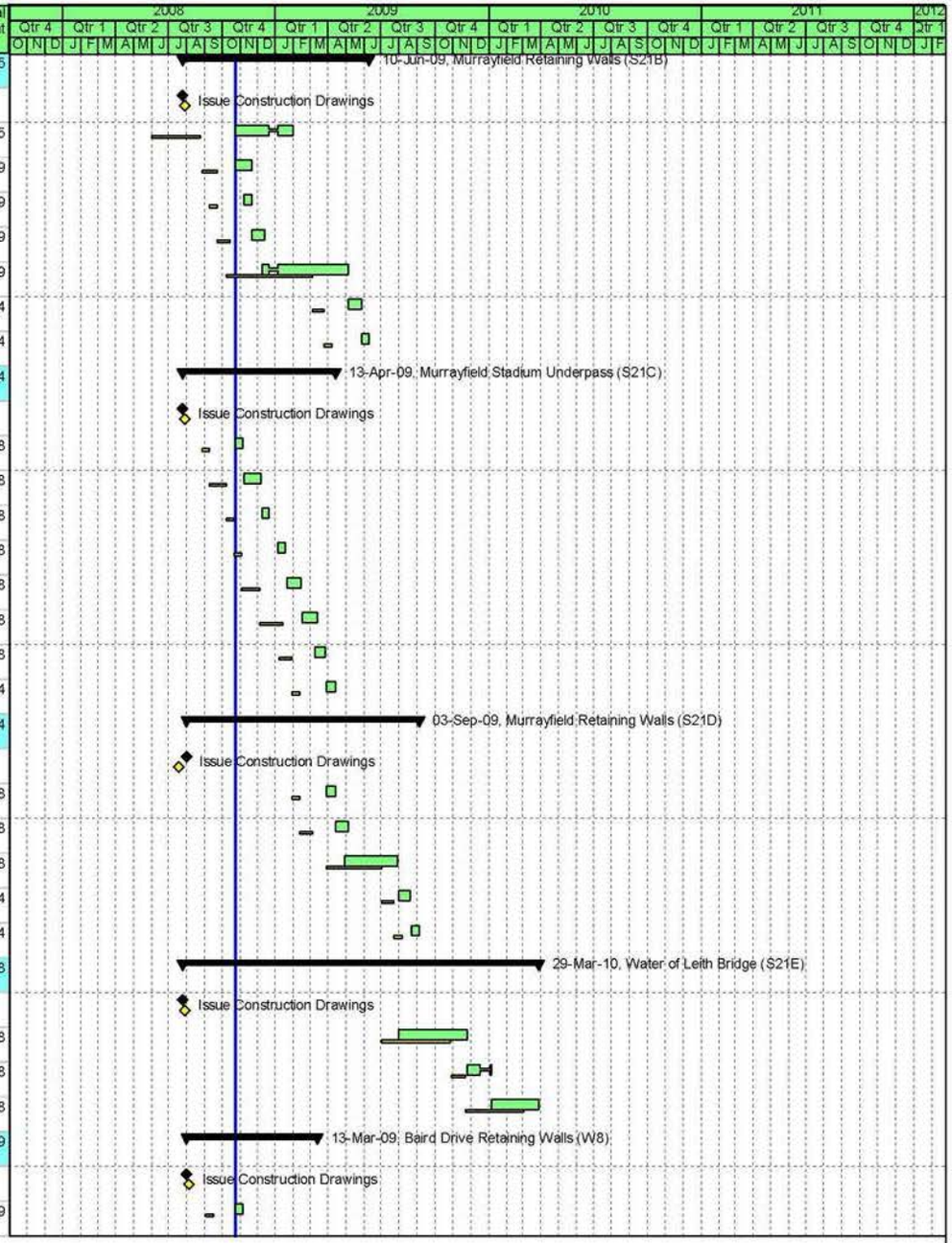
24-Oct-08		scs	

V31 Baseline — Remaining Work — V31 Baseline Milestone — Summary
Actual Work — Critical Remaining Work — Milestone

CEC01169379_0075

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
Murrayfield Retaining Walls (S21B)		213	25-Jul-08 A	10-Jun-09	545
10700	Issue Construction Drawings	0		25-Jul-08 A	
10760	Murrayfield Stadium Accomodation Works	60	24-Oct-08	30-Jan-09	635
110	Site Clearance	20	24-Oct-08	20-Nov-08	149
197	Demolition	10	07-Nov-08	20-Nov-08	149
378	Foundations	15	21-Nov-08	12-Dec-08	149
388	Reinforced Earth Wall	95	08-Dec-08	05-May-09	149
400	Coping	15	06-May-09	27-May-09	384
410	Handrail	10	28-May-09	10-Jun-09	384
Murrayfield Stadium Underpass (S21C)		173	25-Jul-08 A	13-Apr-09	424
10720	Issue Construction Drawings	0		25-Jul-08 A	
112	Site Clearance	10	24-Oct-08	06-Nov-08	148
187	Temporary Works - Demolition	20	07-Nov-08	05-Dec-08	148
358	Earthworks	10	08-Dec-08	19-Dec-08	148
368	Base	10	05-Jan-09	16-Jan-09	148
380	Walls	20	19-Jan-09	13-Feb-09	148
390	Roof	20	16-Feb-09	13-Mar-09	148
709	Parapet Walls	15	09-Mar-09	27-Mar-09	148
719	Finishes	10	30-Mar-09	13-Apr-09	424
Murrayfield Retaining Walls (S21D)		280	01-Aug-08 A	03-Sep-09	324
10730	Issue Construction Drawings	0		01-Aug-08 A	
111	Site Clearance	10	30-Mar-09	13-Apr-09	148
438	Foundations	15	14-Apr-09	05-May-09	148
448	Reinforced Earth Wall	65	28-Apr-09	29-Jul-09	148
450	Coping	15	30-Jul-09	20-Aug-09	324
460	Handrail	10	21-Aug-09	03-Sep-09	324
Water of Leith Bridge (S21E)		409	25-Jul-08 A	29-Mar-10	188
10770	Issue Construction Drawings	0		25-Jul-08 A	
113	Leaf Pier	84	30-Jul-09	25-Nov-09	188
639	End Supports	18	26-Nov-09	05-Jan-10	188
649	Superstructure	59	06-Jan-10	29-Mar-10	188
Baird Drive Retaining Walls (W8)		148	01-Aug-08 A	13-Mar-09	229
10690	Issue Construction Drawings	0		01-Aug-08 A	
114	Site Clearance	10	24-Oct-08	06-Nov-08	229



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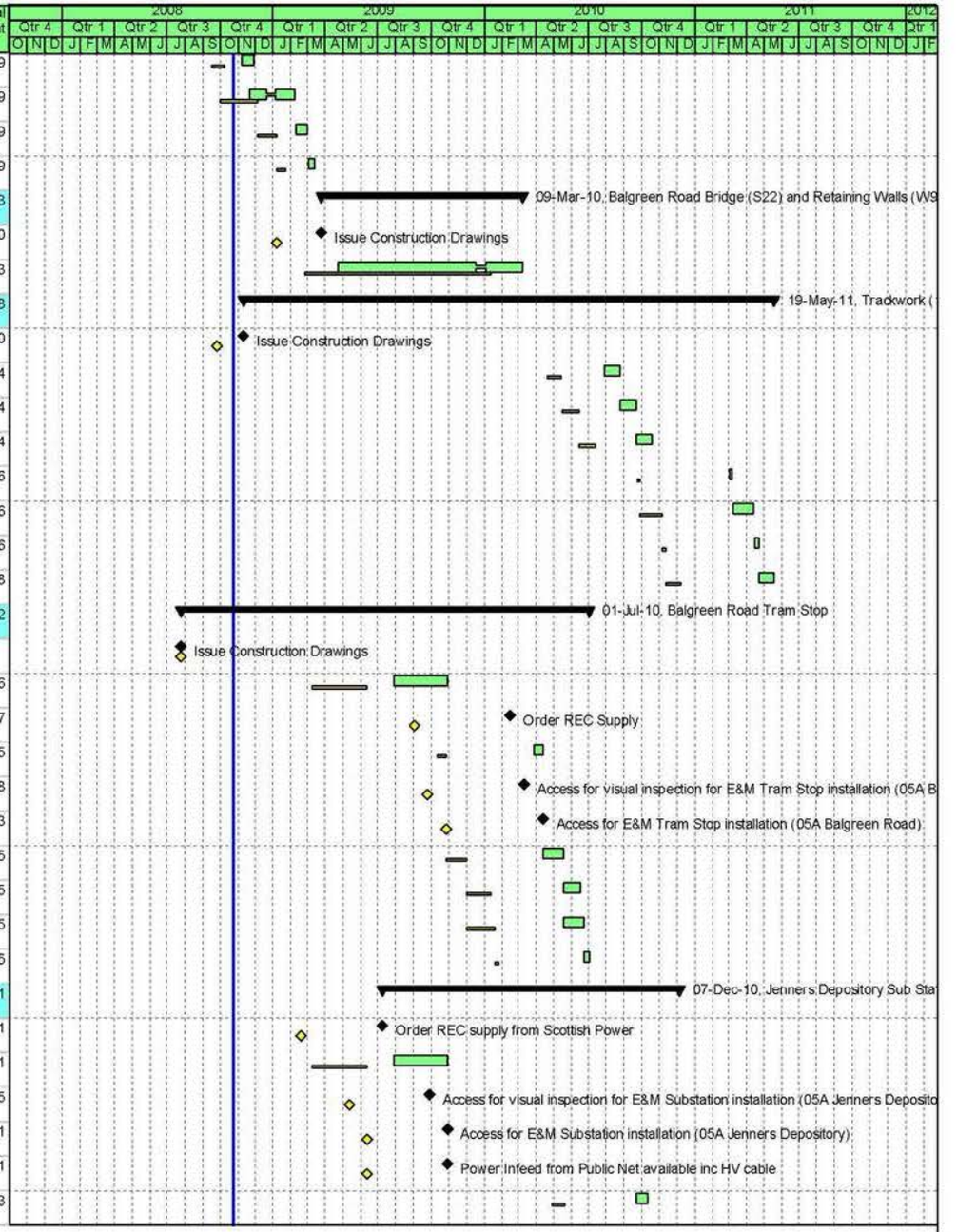
V31 Baseline — Remaining Work — V31 Baseline Milestone — Summary
Actual Work — Critical Remaining Work — Milestone

CEC01169379_0076

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
458	Foundations	15	07-Nov-08	27-Nov-08	229
468	Reinforced Earth Wall	45	21-Nov-08	06-Feb-09	229
470	Coping	15	09-Feb-09	27-Feb-09	229
480	Handrail	10	02-Mar-09	13-Mar-09	229
Balgreen Road Bridge (S22) and Retaining Walls (W9)		235	24-Mar-09	09-Mar-10	203
10710	Issue Construction Drawings	0		24-Mar-09*	0
115	New Structure (Preliminary Details Only) (dummy)	215	22-Apr-09	09-Mar-10	203
Trackwork (1006m)		616	10-Nov-08	19-May-11	68
10080	Issue Construction Drawings	0		10-Nov-08*	0
1009	Bulk Excavation - Sub Base	18	29-Jul-10	24-Aug-10	104
1019	OLE Foundations - Drainage	20	25-Aug-10	21-Sep-10	104
243	CBM - Ducts	20	22-Sep-10	19-Oct-10	104
5A-11-TRCK-69	Tracklaying Demob 1C/ Remob 5A	3	03-Mar-11	07-Mar-11	16
5A-11-TRCK-70	Tracklaying (1006m)	27	08-Mar-11	14-Apr-11	16
989	Track Finishes	5	15-Apr-11	21-Apr-11	16
999	Fencing	19	22-Apr-11	19-May-11	68
Balgreen Road Tram Stop		474	24-Jul-08 A	01-Jul-10	402
10790	Issue Construction Drawings	0		24-Jul-08 A	
117	Civil Engineering and Builders Work	65	29-Jul-09	29-Oct-09	406
328	Order REC Supply	0	15-Feb-10		497
A2300	Deliver and Install Shelter	10	29-Mar-10	13-Apr-10	285
A5118	Access for visual inspection for E&M Tram Stop installation (05A Balgreen Road)	0	12-Mar-10		508
A5119	Access for E&M Tram Stop installation (05A Balgreen Road)	0	13-Apr-10		323
A5120	Install LV Power Supply and LV Power Equipment	25	13-Apr-10	19-May-10	285
A5130	Install Telecon Equipment	20	19-May-10	17-Jun-10	295
A5140	Install Station Control Equipment + AFC Equipment	25	19-May-10	24-Jun-10	285
A5150	Package Test Tramstop	5	24-Jun-10	01-Jul-10	285
Jenners Depository Sub Station		352	08-Jul-09	07-Dec-10	291
286	Order REC supply from Scottish Power	0	08-Jul-09		431
296	Civil Engineering and Building Works	65	29-Jul-09	29-Oct-09	431
A2278	Access for visual inspection for E&M Substation installation (05A Jenners Depository)	0	29-Sep-09		625
A2279	Access for E&M Substation installation (05A Jenners Depository)	0	29-Oct-09		461
A5830	Power Infeed from Public Net available inc HV cable	0	29-Oct-09		431
A5840	Install LV Power Supply and LV Power Equipment	15	21-Sep-10	12-Oct-10	213



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V31 Baseline — Remaining Work — V31 Baseline Milestone — Summary
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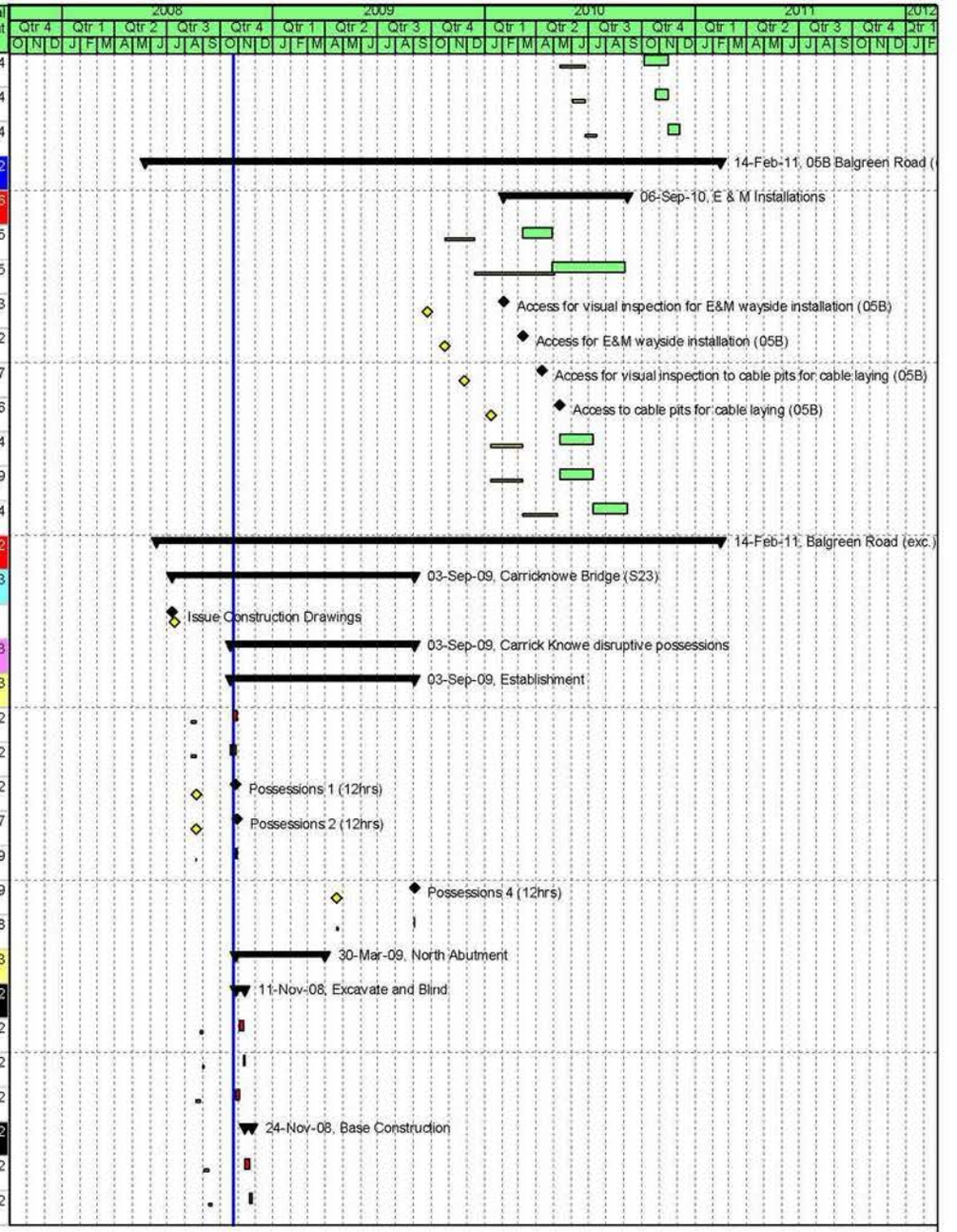
CEC01169379_0077

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
A5850	Installation of TPS Equipment	30	05-Oct-10	16-Nov-10	174
A5860	Install Telecom and Scada	15	26-Oct-10	16-Nov-10	174
A5870	Testing and Commissioning	14	16-Nov-10	07-Dec-10	174
05B Balgreen Road (exc.) to Edinburgh Park Central (inc.)		667	23-May-08 A	14-Feb-11	252
E & M Installations		148	04-Feb-10	06-Sep-10	356
5B-7/8/9/10-OHLE-50	Installation of poles and building fixings	36	08-Mar-10	28-Apr-10	55
5B-7/8/9/10-OHLE-60	Overhead Catenary Line	87	28-Apr-10	01-Sep-10	55
A4123	Access for visual inspection for E&M wayside installation (05B)	0	04-Feb-10		503
A4124	Access for E&M wayside installation (05B)	0	08-Mar-10		482
A4138	Access for visual inspection to cable pits for cable laying (05B)	0	12-Apr-10		457
A4139	Access to cable pits for cable laying (05B)	0	13-May-10		436
A4140	Install Electrical Cables	40	13-May-10	09-Jul-10	234
A4150	Install Fibre Optic Cables	40	13-May-10	09-Jul-10	279
A4160	Install Signalling Wayside Equipment	40	09-Jul-10	06-Sep-10	234
Balgreen Road (exc.) to Saughton Road North (inc.)		653	13-Jun-08 A	14-Feb-11	252
Carricknowe Bridge (S23)		282	10-Jul-08 A	03-Sep-09	603
10810	Issue Construction Drawings	0		10-Jul-08 A	
Carrick Knowe disruptive possessions		209	20-Oct-08 A	03-Sep-09	603
Establishment		209	20-Oct-08 A	03-Sep-09	603
12	Temporary Fencing	5	24-Oct-08	30-Oct-08	-12
13	Haul Roads	5	20-Oct-08 A	28-Oct-08	-12
24	Possessions 1 (12hrs)	0	28-Oct-08		-12
A15	Possessions 2 (12hrs)	0	29-Oct-08		847
B14	Erect Network Rail Safety Barrier	2	28-Oct-08	30-Oct-08	719
C13	Possessions 4 (12hrs)	0		02-Sep-09	899
C14	Remove Crash Deck and Barriers	1	02-Sep-09	03-Sep-09	718
North Abutment		98	28-Oct-08	30-Mar-09	83
Excavate and Blind		10	28-Oct-08	11-Nov-08	-12
106	Excavate	4	04-Nov-08	10-Nov-08	-12
16	Blinding	1	10-Nov-08	11-Nov-08	-12
96	Temporary Support to Railway Lines	5	28-Oct-08	04-Nov-08	-12
Base Construction		9	11-Nov-08	24-Nov-08	-12
37	Steel fixing	8	11-Nov-08	21-Nov-08	-12
7	Concrete	1	21-Nov-08	24-Nov-08	-12



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V31 Baseline — Remaining Work — V31 Baseline Milestone — Summary
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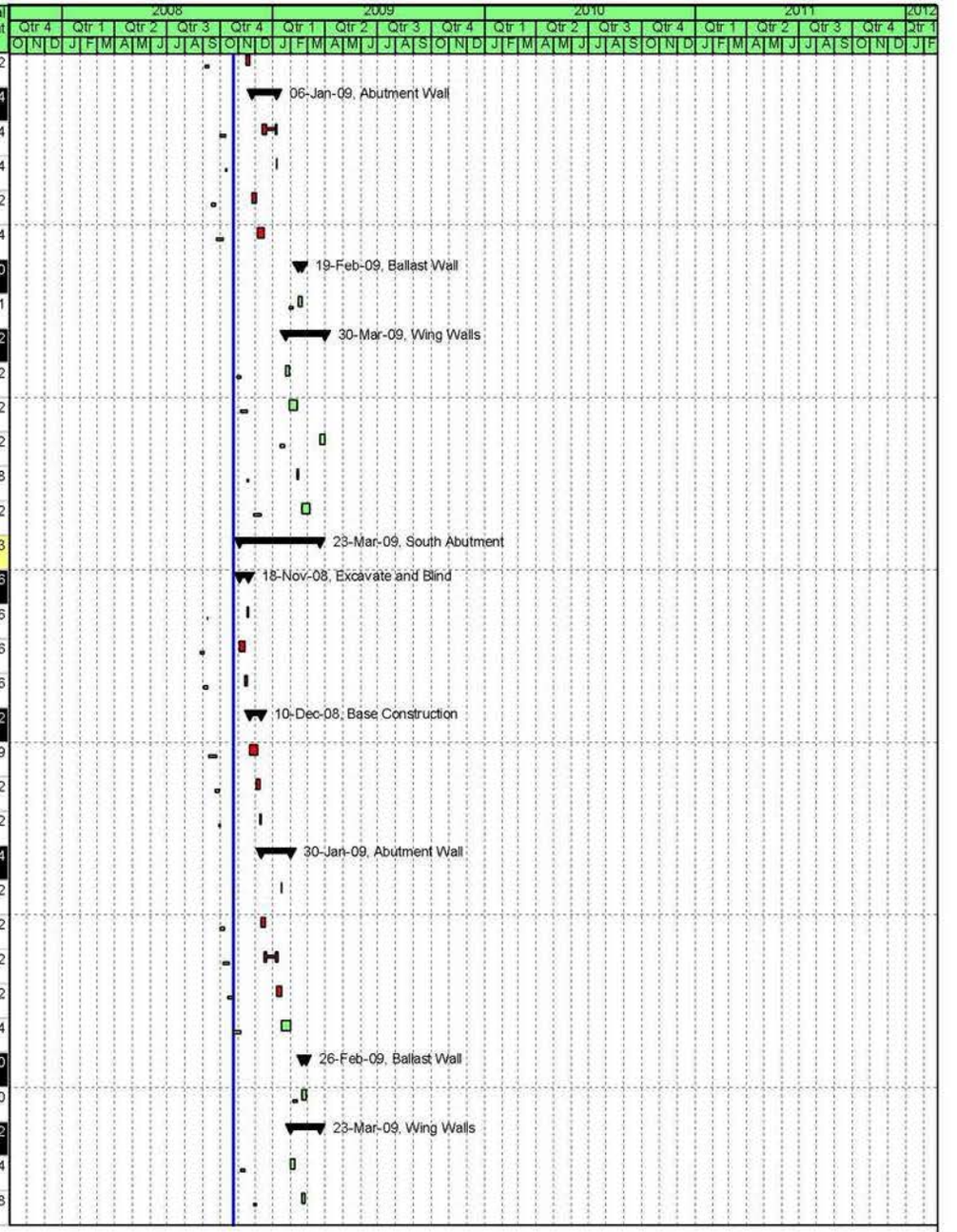
CEC01169379_0078

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
87	Shuttering	5	14-Nov-08	21-Nov-08	-12
Abutment Wall		20	24-Nov-08	06-Jan-09	-4
128	Shutter front face	6	12-Dec-08	05-Jan-09	-4
28	Concrete	1	05-Jan-09	06-Jan-09	-4
38	Shutter rear face	5	24-Nov-08	02-Dec-08	-12
58	Steelfixing	8	04-Dec-08	16-Dec-08	-4
Ballast Wall		5	12-Feb-09	19-Feb-09	110
A10	Ballast Wall	5	12-Feb-09	19-Feb-09	111
Wing Walls		47	22-Jan-09	30-Mar-09	82
69	Backfill	5	22-Jan-09	29-Jan-09	82
A14060	Wing Walls	8	29-Jan-09	10-Feb-09	82
A14070	Parapet Beams	5	23-Mar-09	30-Mar-09	82
A14080	Backfill	2	10-Feb-09	12-Feb-09	88
A14090	Wing Walls	8	20-Feb-09	04-Mar-09	82
South Abutment		88	04-Nov-08	23-Mar-09	93
Excavate and Blind		10	04-Nov-08	18-Nov-08	-6
116	Blinding	1	17-Nov-08	18-Nov-08	-6
206	Temporary Support to Railway Lines	5	04-Nov-08	11-Nov-08	-6
236	Excavate	4	11-Nov-08	17-Nov-08	-6
Base Construction		12	21-Nov-08	10-Dec-08	-12
177	Steel fixing	8	21-Nov-08	04-Dec-08	-9
237	Shuttering	5	02-Dec-08	09-Dec-08	-12
97	Concrete	1	09-Dec-08	10-Dec-08	-12
Abutment Wall		27	10-Dec-08	30-Jan-09	84
688	Concrete	1	15-Jan-09	16-Jan-09	-12
698	Shutter rear face	5	10-Dec-08	17-Dec-08	-12
708	Steelfixing	8	16-Dec-08	09-Jan-09	-12
718	Shutter front face	6	07-Jan-09	15-Jan-09	-12
A14040	Strike Shutters and Cure	10	16-Jan-09	30-Jan-09	84
Ballast Wall		5	19-Feb-09	26-Feb-09	110
A14050	Ballast Wall	5	19-Feb-09	26-Feb-09	110
Wing Walls		36	30-Jan-09	23-Mar-09	82
89	Backfill	5	30-Jan-09	06-Feb-09	84
A1012	Backfill	2	20-Feb-09	24-Feb-09	88



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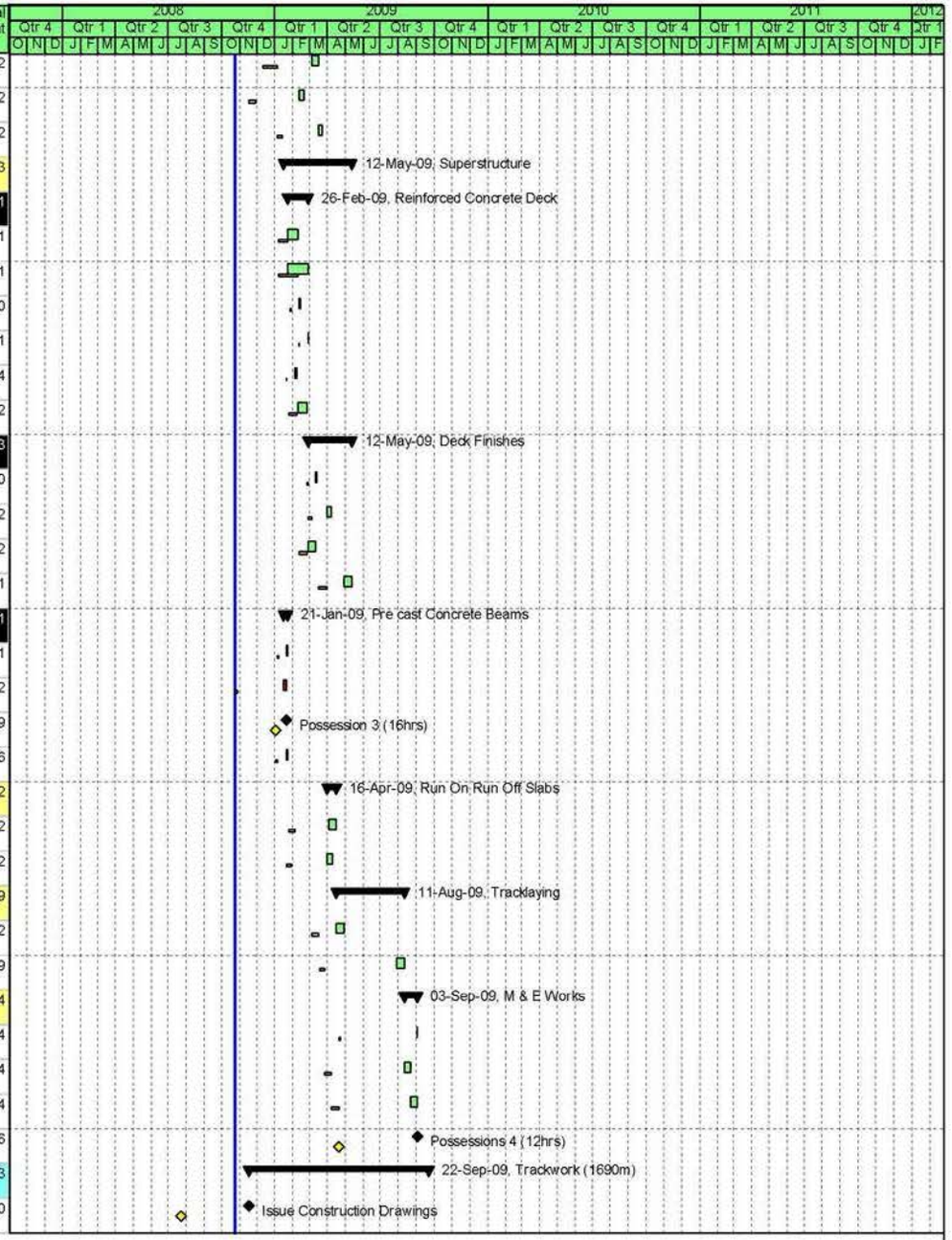
V31 Baseline — Remaining Work — V31 Baseline Milestone — Summary
Actual Work — Critical Remaining Work — Milestone

CEC01169379_0079

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
A1015	Wing Walls	8	04-Mar-09	16-Mar-09	82
A14100	Wing Walls	8	10-Feb-09	20-Feb-09	82
A14110	Parapet Beams	5	16-Mar-09	23-Mar-09	82
Superstructure		80	16-Jan-09	12-May-09	263
Reinforced Concrete Deck		26	21-Jan-09	26-Feb-09	101
104	Permanent Formwork	13	21-Jan-09	09-Feb-09	101
246	Deck Shuttering	25	21-Jan-09	25-Feb-09	101
247	Concrete Deck	1	11-Feb-09	12-Feb-09	110
257	Concrete Parapet Beam	1	25-Feb-09	26-Feb-09	101
27	Concrete Diaphragms	1	04-Feb-09	05-Feb-09	114
285	Deck Reinforcement	11	09-Feb-09	24-Feb-09	102
Deck Finishes		51	26-Feb-09	12-May-09	263
59	Expansion Joints	1	12-Mar-09	13-Mar-09	100
70	Parapet Rails	5	30-Mar-09	06-Apr-09	92
728	Waterproofing (inc. deck curing)	10	26-Feb-09	12-Mar-09	102
80	Walkway Constructon	10	28-Apr-09	12-May-09	271
Pre cast Concrete Beams		3	16-Jan-09	21-Jan-09	101
193	Erect Crash Deck	1	20-Jan-09	21-Jan-09	101
32	Bearings	2	16-Jan-09	20-Jan-09	-12
63	Possession 3 (16hrs)	0		20-Jan-09*	-19
93	Place Beams	1	20-Jan-09	21-Jan-09	146
Run On Run Off Slabs		12	30-Mar-09	16-Apr-09	82
275	Backfill and cast slab north	8	03-Apr-09	16-Apr-09	82
34	Backfill and cast slab south	8	30-Mar-09	09-Apr-09	82
Tracklaying		79	16-Apr-09	11-Aug-09	19
44	Containment Slabs	8	16-Apr-09	28-Apr-09	82
5B-10B-TRCK-70	Fix Rails	8	29-Jul-09	11-Aug-09	19
M & E Works		17	11-Aug-09	03-Sep-09	184
265	OLE Supports and Catenary over Tracks	1	02-Sep-09	03-Sep-09	184
64	OLE Supports	8	11-Aug-09	21-Aug-09	184
75	Catenary Cables	8	21-Aug-09	02-Sep-09	184
94	Possessions 4 (12hrs)	0		02-Sep-09	276
Trackwork (1690m)		206	17-Nov-08	22-Sep-09	473
12830	Issue Construction Drawings	0		17-Nov-08*	0

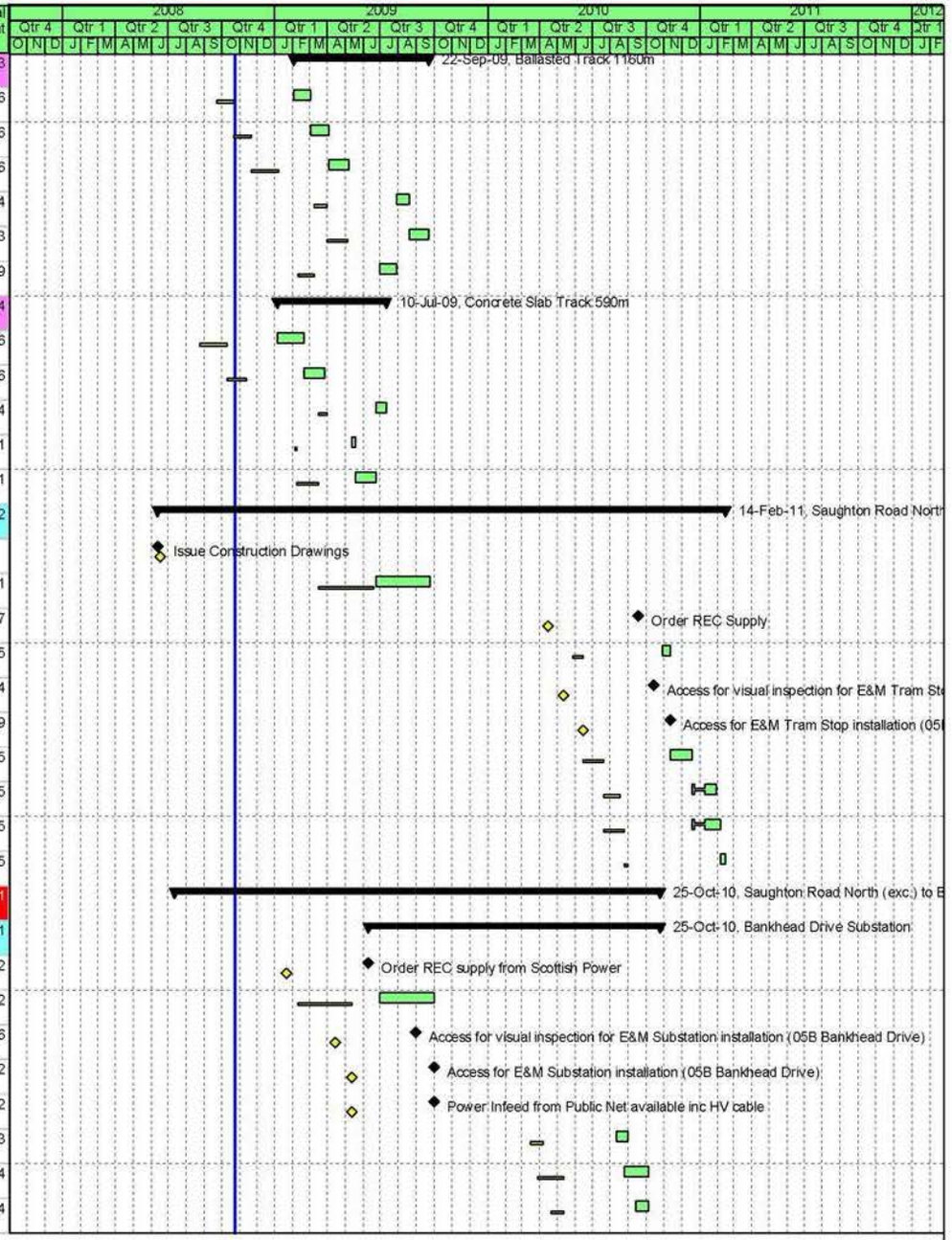


Date	Revision	Checked	Approved
24-Oct-08		scs	

V31 Baseline — Remaining Work — V31 Baseline Milestone — Summary
Actual Work — Critical Remaining Work — Milestone

CEC01169379_0080

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
Ballasted Track 1160m		162	02-Feb-09	22-Sep-09	473
1533	Earthworks - Subbase	20	02-Feb-09	02-Mar-09	56
1534	OLE Foundations - Drainage	23	02-Mar-09	02-Apr-09	56
1609	Bottom Ballast - Ducts	23	02-Apr-09	07-May-09	56
1629	Top Ballast	15	29-Jul-09	20-Aug-09	194
1639	Fencing & Trackside Finishes	23	20-Aug-09	22-Sep-09	473
5B-10A-TRCK-70	Track laying (1160m)	21	30-Jun-09	29-Jul-09	19
Concrete Slab Track 590m		131	05-Jan-09	10-Jul-09	524
1543	Earthworks- Subbase	34	05-Jan-09	20-Feb-09	46
1544	OLE Foundations - Drainage - Ducts	24	20-Feb-09	26-Mar-09	46
1679	Fencing & Finishes	12	24-Jun-09	10-Jul-09	524
5B-10C-TRCK-69	Track laying Demob 1A / Remob 5B	3	13-May-09	18-May-09	11
5B-10C-TRCK-70	Track laying	26	18-May-09	24-Jun-09	11
Saughton Road North Tram Stop		653	13-Jun-08 A	14-Feb-11	252
10840	Issue Construction Drawings	0		13-Jun-08 A	
123	Civil Engineering and Building Works	65	24-Jun-09	24-Sep-09	431
248	Order REC Supply	0	17-Sep-10		347
A2080	Deliver and Install Shelter	10	29-Oct-10	12-Nov-10	135
A5158	Access for visual inspection for E&M Tram Stop installation (05B Saughton Road North)	0	13-Oct-10		354
A5159	Access for E&M Tram Stop installation (05B Saughton Road North)	0	12-Nov-10		149
A5160	Install LV Power Supply and LV Power Equipment	25	12-Nov-10	20-Dec-10	135
A5170	Install Telecon Equipment	20	20-Dec-10	31-Jan-11	145
A5180	Install Station Control Equipment + AFC Equipment	25	20-Dec-10	07-Feb-11	135
A5190	Package Test Tramstop	5	07-Feb-11	14-Feb-11	135
Saughton Road North (exc.) to Bankhead (inc.)		491	11-Jul-08 A	25-Oct-10	321
Bankhead Drive Substation		343	09-Jun-09	25-Oct-10	321
256	Order REC supply from Scottish Power	0	09-Jun-09		452
266	Civil Engineering and Building Works	65	30-Jun-09	30-Sep-09	452
A2258	Access for visual inspection for E&M Substation installation (05B Bankhead Drive)	0	31-Aug-09		646
A2259	Access for E&M Substation installation (05B Bankhead Drive)	0	30-Sep-09		482
A5880	Power Infeed from Public Net available inc HV cable	0	30-Sep-09		452
A5890	Install LV Power Supply and LV Power Equipment	15	10-Aug-10	31-Aug-10	243
A5900	Installation of TPS Equipment	30	24-Aug-10	05-Oct-10	204
A5910	Install Telecom and Scada	15	14-Sep-10	05-Oct-10	204



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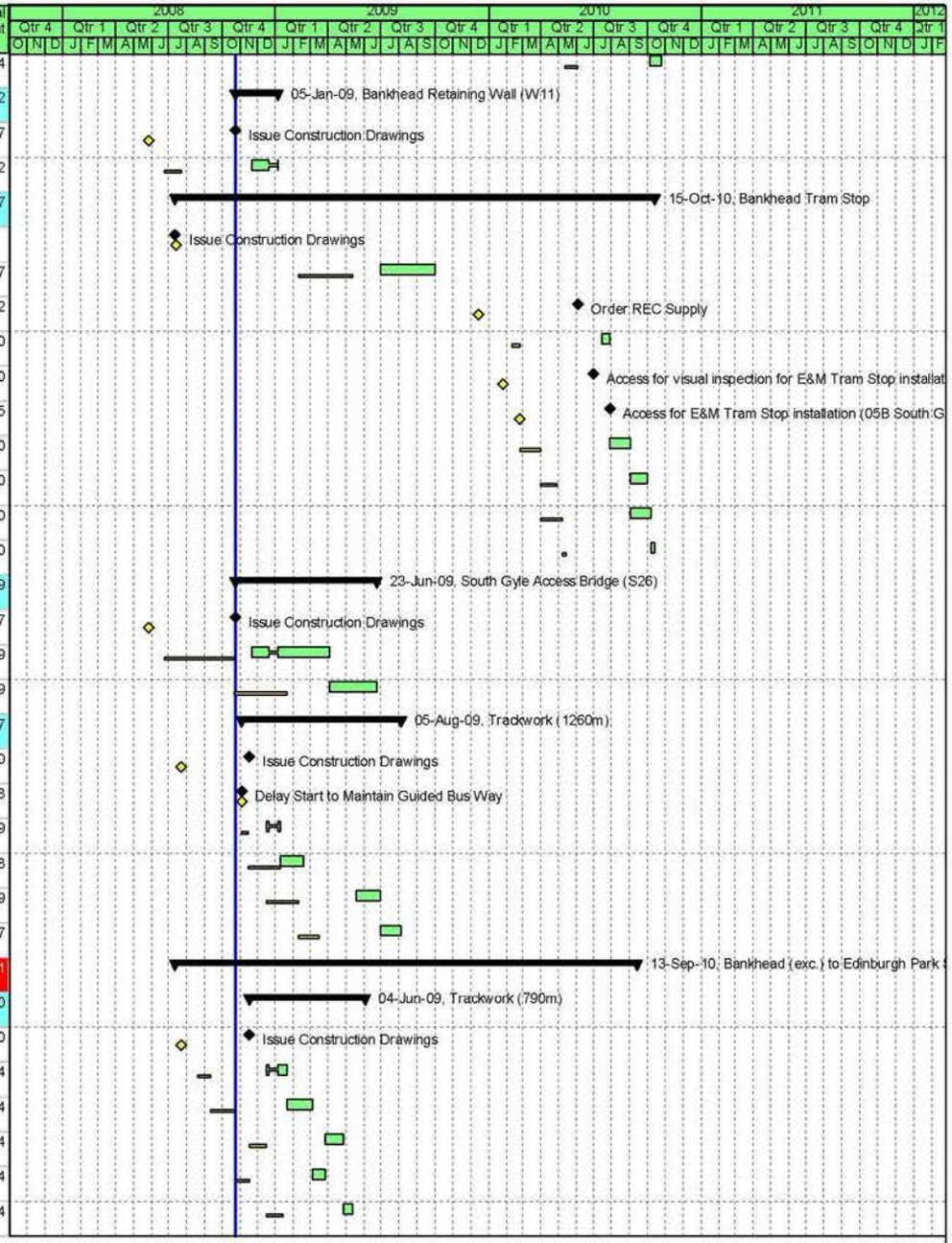
V31 Baseline — Remaining Work — V31 Baseline Milestone — Summary
Actual Work — Critical Remaining Work — Milestone

CEC01169379_0081

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
A5920	Testing and Commissioning	14	05-Oct-10	25-Oct-10	204
Bankhead Retaining Wall (W11)		40	24-Oct-08	05-Jan-09	82
10860	Issue Construction Drawings	0		24-Oct-08*	-107
127	Retaining Wall Construction	20	21-Nov-08	05-Jan-09	82
Bankhead Tram Stop		485	11-Jul-08 A	15-Oct-10	327
12870	Issue Construction Drawings	0		11-Jul-08 A	
129	Civil Engineering and Building Works	65	30-Jun-09	30-Sep-09	427
318	Order REC Supply	0	03-Jun-10		422
A2230	Deliver and Install Shelter	10	15-Jul-10	29-Jul-10	210
A5198	Access for visual inspection for E&M Tram Stop installation (05B South Gyle)	0	29-Jun-10		430
A5199	Access for E&M Tram Stop installation (05B South Gyle)	0	29-Jul-10		225
A5200	Install LV Power Supply and LV Power Equipment	25	29-Jul-10	03-Sep-10	210
A5210	Install Telecon Equipment	20	03-Sep-10	01-Oct-10	220
A5220	Install Station Control Equipment + AFC Equipment	25	03-Sep-10	08-Oct-10	210
A5230	Package Test Tramstop	5	08-Oct-10	15-Oct-10	210
South Gyle Access Bridge (S26)		158	24-Oct-08	23-Jun-09	19
12880	Issue Construction Drawings	0		24-Oct-08*	-107
156	Substructure	83	21-Nov-08	02-Apr-09	19
276	Superstructure	55	02-Apr-09	23-Jun-09	19
Trackwork (1260m)		181	04-Nov-08	05-Aug-09	197
12890	Issue Construction Drawings	0		17-Nov-08*	0
13000	Delay Start to Maintain Guided Bus Way	0		04-Nov-08*	138
223	Earthworks and Subbase	8	16-Dec-08	09-Jan-09	109
510	OLE Foundations - Drainage - Ducts	28	09-Jan-09	18-Feb-09	288
5B-09-TRCK-70	Track laying (1260m)	29	19-May-09	30-Jun-09	19
939	Fencing & Trackside Finishes	25	30-Jun-09	05-Aug-09	197
Bankhead (exc.) to Edinburgh Park Station (inc.)		534	11-Jul-08 A	13-Sep-10	351
Trackwork (790m)		129	17-Nov-08	04-Jun-09	550
12900	Issue Construction Drawings	0		17-Nov-08*	0
213	Earthworks and Subbase	15	16-Dec-08	20-Jan-09	34
500	OLE Foundations - Drainage	32	20-Jan-09	05-Mar-09	34
5B-08-TRCK-70	Track laying (790m)	20	27-Mar-09	27-Apr-09	34
859	Ducts and Bottom Ballast	16	05-Mar-09	27-Mar-09	34
889	Top Ballast	10	27-Apr-09	12-May-09	264



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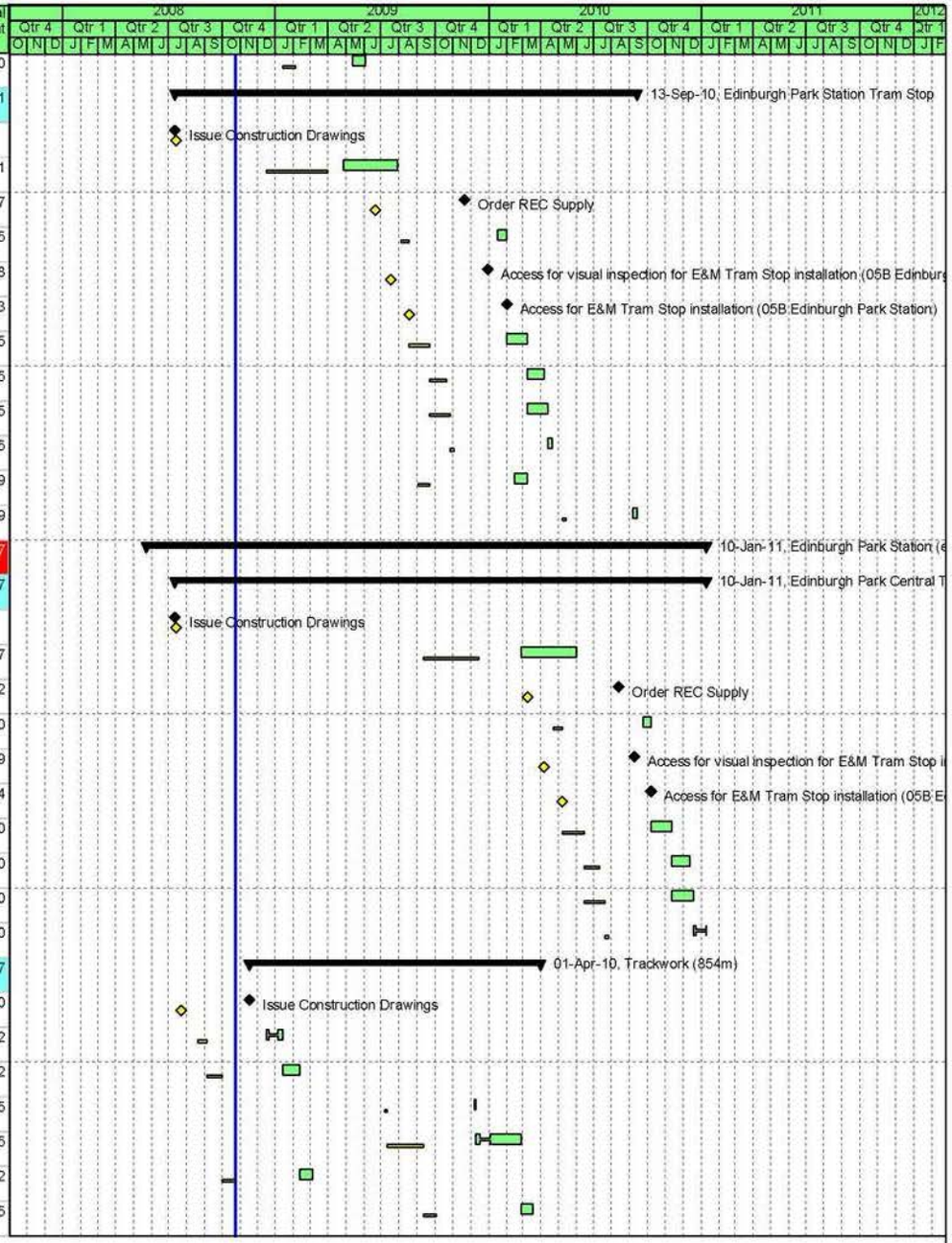
V31 Baseline — Remaining Work — V31 Baseline Milestone — Summary
Actual Work — Critical Remaining Work — Milestone

CEC01169379_0082

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
899	Fencing and Trackside finishes	16	12-May-09	04-Jun-09	550
Edinburgh Park Station Tram Stop		534	11-Jul-08 A	13-Sep-10	351
12910	Issue Construction Drawings	0		11-Jul-08 A	
132	Civil Engineering and Builderworks	65	27-Apr-09	29-Jul-09	471
278	Order REC Supply	0	20-Nov-09		547
A2140	Deliver and Install Shelter	10	18-Jan-10	01-Feb-10	335
A5238	Access for visual inspection for E&M Tram Stop installation (05B Edinburgh Park Station)	0	31-Dec-09		558
A5239	Access for E&M Tram Stop installation (05B Edinburgh Park Station)	0	01-Feb-10		353
A5240	Install LV Power Supply and LV Power Equipment	25	01-Feb-10	08-Mar-10	335
A5250	Install Telecon Equipment	20	08-Mar-10	06-Apr-10	345
A5260	Install Station Control Equipment + AFC Equipment	25	08-Mar-10	13-Apr-10	335
A5270	Package Test Tramstop	5	13-Apr-10	20-Apr-10	335
A6290	Installation of SIG-interlocking cubicle	15	15-Feb-10	08-Mar-10	379
A6300	Commissioning of SIG -interlocking cubicle	5	06-Sep-10	13-Sep-10	249
Edinburgh Park Station (exc.) to Edinburgh Park Central (inc.)		642	23-May-08 A	10-Jan-11	277
Edinburgh Park Central Tram Stop		608	11-Jul-08 A	10-Jan-11	277
12920	Issue Construction Drawings	0		11-Jul-08 A	
166	Civil Engineering and Building Works	65	25-Feb-10	01-Jun-10	267
268	Order REC Supply	0	13-Aug-10		372
A2110	Deliver and Install Shelter	10	24-Sep-10	08-Oct-10	160
A5278	Access for visual inspection for E&M Tram Stop installation (05B Edinburgh Park)	0	08-Sep-10		379
A5279	Access for E&M Tram Stop installation (05B Edinburgh Park)	0	08-Oct-10		174
A5280	Install LV Power Supply and LV Power Equipment	25	08-Oct-10	12-Nov-10	160
A5290	Install Telecon Equipment	20	12-Nov-10	13-Dec-10	170
A5300	Install Station Control Equipment + AFC Equipment	25	12-Nov-10	20-Dec-10	160
A5310	Package Test Tramstop	5	20-Dec-10	10-Jan-11	160
Trackwork (854m)		332	17-Nov-08	01-Apr-10	347
12930	Issue Construction Drawings	0		17-Nov-08*	0
203	Earthworks- Subbase	11	16-Dec-08	14-Jan-09	212
490	OLE Foundations - Drainage	19	14-Jan-09	10-Feb-09	212
5B-07-TRCK-69	Track laying Demob 6A / Remob 5B	3	08-Dec-09	11-Dec-09	15
5B-07-TRCK-70	Track laying (854m)	44	11-Dec-09	25-Feb-10	15
829	Track Formation - Ducts	16	10-Feb-09	04-Mar-09	212
849	Track Finishes	15	25-Feb-10	18-Mar-10	55



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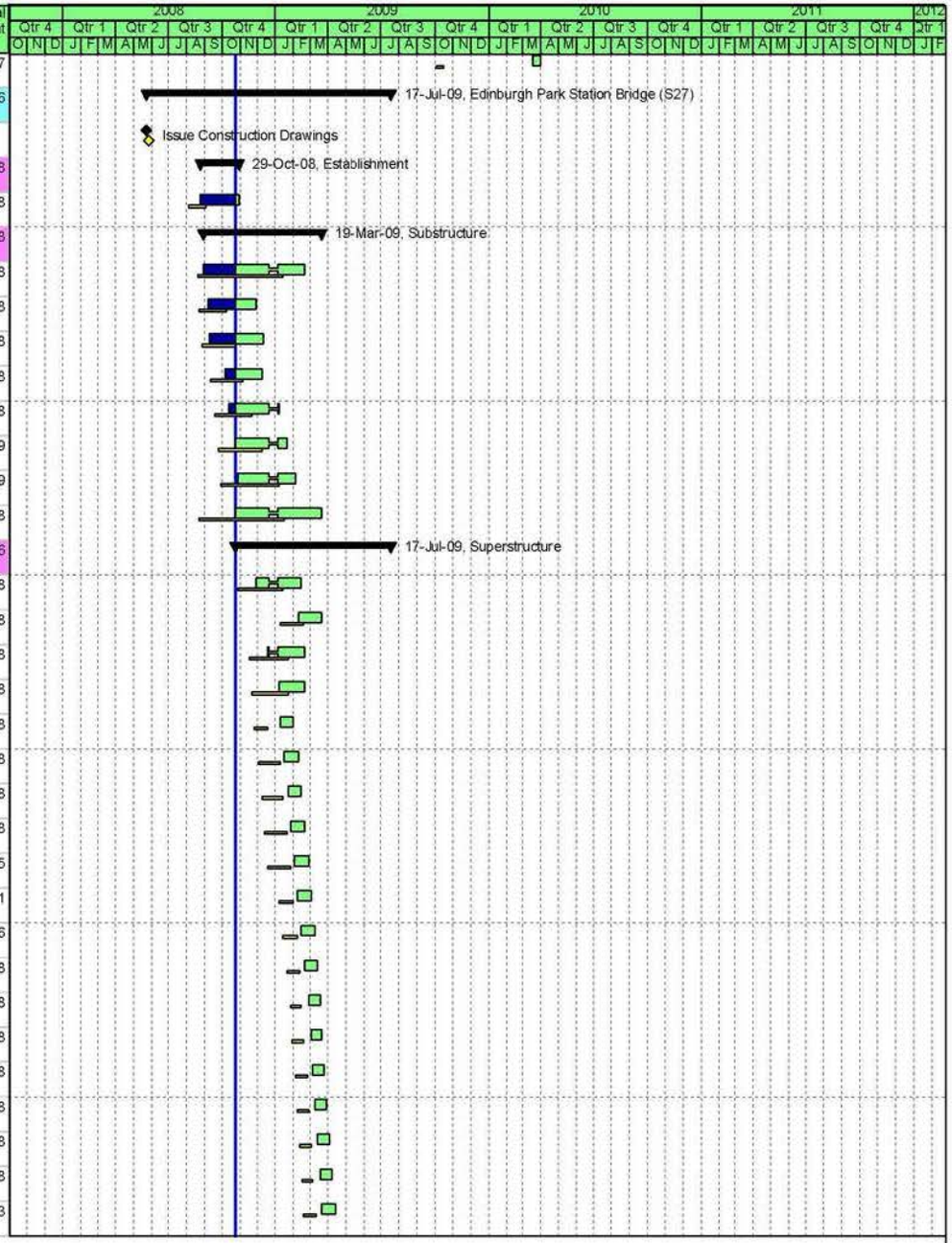
V31 Baseline — Remaining Work — V31 Baseline Milestone — Summary
Actual Work — Critical Remaining Work — Milestone

CEC01169379_0083

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
869	Fencing	10	18-Mar-10	01-Apr-10	347
Edinburgh Park Station Bridge (S27)		283	23-May-08 A	17-Jul-09	636
12940	Issue Construction Drawings	0		23-May-08 A	
Establishment		20	25-Aug-08 A	29-Oct-08	118
13010	Access Roads /Site Clearance /Offices & Compounds	20	25-Aug-08 A	29-Oct-08	118
Substructure		104	29-Aug-08 A	19-Mar-09	718
13150	Abutment North	92	29-Aug-08 A	19-Feb-09	118
13170	Pier 6	32	08-Sep-08 A	28-Nov-08	118
13180	Pier 5	41	10-Sep-08 A	10-Dec-08	118
13190	Pier 4	40	06-Oct-08 A	09-Dec-08	118
13200	Pier 3	47	13-Oct-08 A	07-Jan-09	118
13210	Pier 2	52	24-Oct-08	20-Jan-09	749
13220	Pier 1	61	28-Oct-08	04-Feb-09	749
13230	Abutment South	94	24-Oct-08	19-Mar-09	718
Superstructure		176	24-Oct-08	17-Jul-09	636
13160	Erect Falsework	45	27-Nov-08	13-Feb-09	118
13240	Dismantle Falsework	29	09-Feb-09	20-Mar-09	718
13250	Place U beams	36	18-Dec-08	20-Feb-09	118
13260	Permanent Formwork	32	07-Jan-09	20-Feb-09	118
13270	Pour 1- Abutment North	15	09-Jan-09	30-Jan-09	118
13280	Pour 2 - Pier 6	17	15-Jan-09	09-Feb-09	118
13290	Pour 3 - Pier 5	17	21-Jan-09	13-Feb-09	118
13300	Pour 4 - Pier 4	17	27-Jan-09	19-Feb-09	118
13310	Pour 5 - Pier 3	17	02-Feb-09	25-Feb-09	135
13320	Pour 6 - Pier 2	17	06-Feb-09	03-Mar-09	731
13330	Pour 7 - Pier 1	17	13-Feb-09	10-Mar-09	726
13340	Pour 8 - Abutment South	16	19-Feb-09	13-Mar-09	118
13350	Pour 9 - Span 3	14	25-Feb-09	17-Mar-09	118
13360	Pour 10 - Span 5	14	02-Mar-09	20-Mar-09	118
13370	Pour 11 - Span 2	14	05-Mar-09	25-Mar-09	118
13380	Pour 12 - Span 4	14	10-Mar-09	30-Mar-09	118
13390	Pour 13 - Span 6	14	13-Mar-09	02-Apr-09	118
13400	Pour 14 - Span 1	13	18-Mar-09	06-Apr-09	118
13410	Pour 15 - Span 7	15	20-Mar-09	13-Apr-09	703



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V31 Baseline — Remaining Work — V31 Baseline Milestone — Summary
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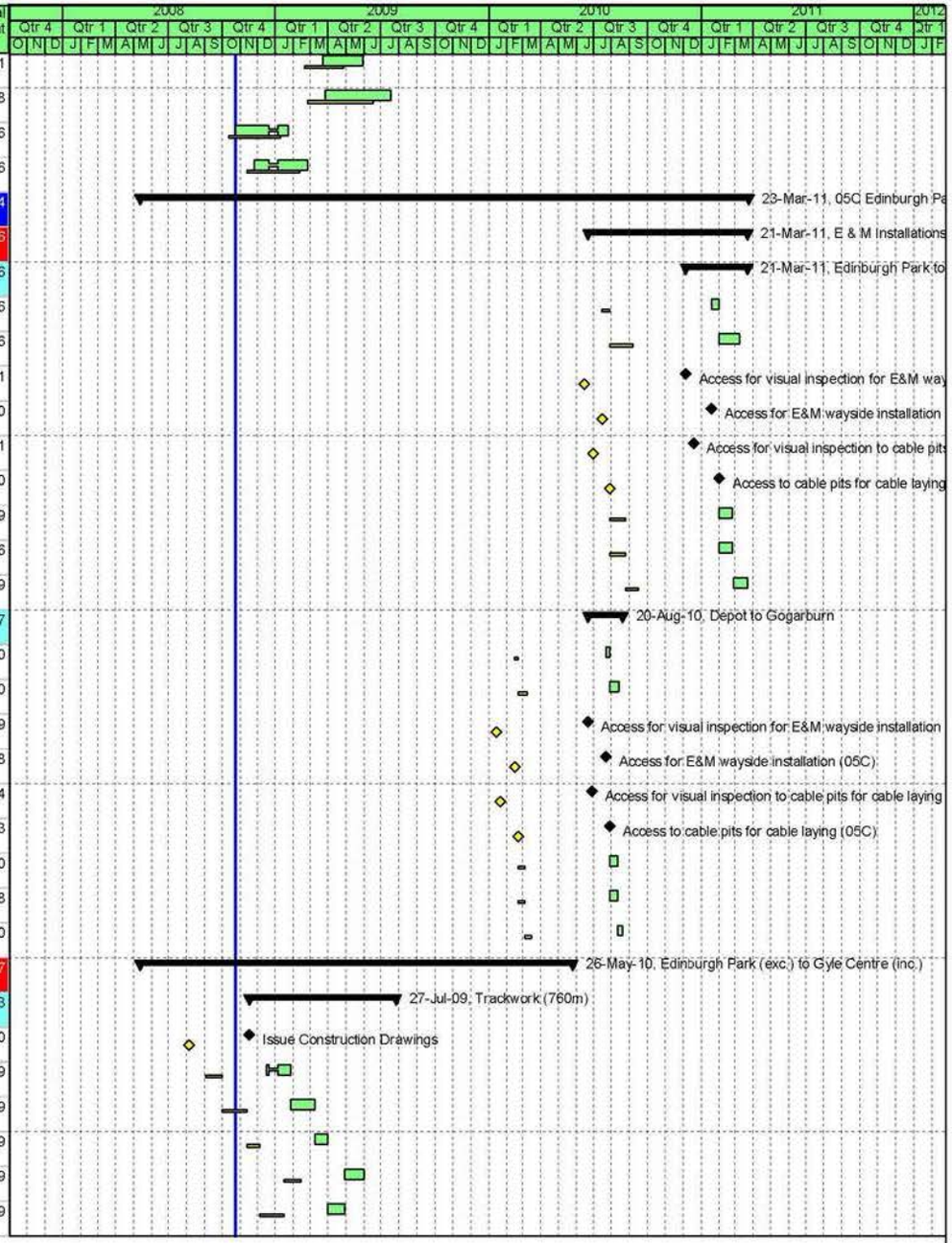
CEC01169379_0084

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
13420	Track Upstands	46	23-Mar-09	29-May-09	671
13430	Bridge Finishes	77	27-Mar-09	17-Jul-09	118
13440	Ramp North	53	24-Oct-08	21-Jan-09	736
13450	Ramp South	53	26-Nov-08	23-Feb-09	736
05C Edinburgh Park Central (exc.) to Gogarburn (inc.)		703	13-May-08 A	23-Mar-11	224
E & M Installations		183	21-Jun-10	21-Mar-11	226
Edinburgh Park to Depot		66	06-Dec-10	21-Mar-11	226
5C-3/6-OHLE-50	Installation of poles and building fixings	10	19-Jan-11	01-Feb-11	6
5C-3/6-OHLE-60	Overhead Catenary Line	26	02-Feb-11	09-Mar-11	6
A4163	Access for visual inspection for E&M wayside installation (05C)	0	06-Dec-10		291
A4164	Access for E&M wayside installation (05C)	0	19-Jan-11		270
A4178	Access for visual inspection to cable pits for cable laying (05C)	0	20-Dec-10		281
A4179	Access to cable pits for cable laying (05C)	0	02-Feb-11		260
A4180	Install Electrical Cables	17	02-Feb-11	24-Feb-11	109
A4190	Install Fibre Optic Cables	17	02-Feb-11	24-Feb-11	126
A4200	Install Signalling Wayside Equipment	17	25-Feb-11	21-Mar-11	109
Depot to Gogarburn		43	21-Jun-10	20-Aug-10	367
5C-02-OHLE-50	Installation of poles and building fixings	5	21-Jul-10	28-Jul-10	40
5C-02-OHLE-60	Overhead Catenary Line	11	28-Jul-10	13-Aug-10	40
A16900	Access for visual inspection for E&M wayside installation (05C)	0	21-Jun-10		409
A16910	Access for E&M wayside installation (05C)	0	21-Jul-10		388
A16940	Access for visual inspection to cable pits for cable laying (05C)	0	28-Jun-10		404
A16950	Access to cable pits for cable laying (05C)	0	28-Jul-10		383
A16960	Install Electrical Cables	8	28-Jul-10	10-Aug-10	250
A16970	Install Fibre Optic Cables	8	28-Jul-10	10-Aug-10	258
A16980	Install Signalling Wayside Equipment	8	10-Aug-10	20-Aug-10	250
Edinburgh Park (exc.) to Gyle Centre (inc.)		500	13-May-08 A	26-May-10	427
Trackwork (760m)		166	17-Nov-08	27-Jul-09	513
12950	Issue Construction Drawings	0		17-Nov-08*	0
140	Earthworks and Subbase	20	16-Dec-08	27-Jan-09	49
183	OLE Foundations - Drainage	30	27-Jan-09	10-Mar-09	49
5C-06-TRCK-50	Track Formation and Ducts	16	10-Mar-09	01-Apr-09	49
5C-06-TRCK-70	Track laying (760m)	20	30-Apr-09	01-Jun-09	49
5C-06-TRCK-80	Road Crossings	20	01-Apr-09	30-Apr-09	49



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V31 Baseline — Remaining Work — V31 Baseline Milestone — Summary
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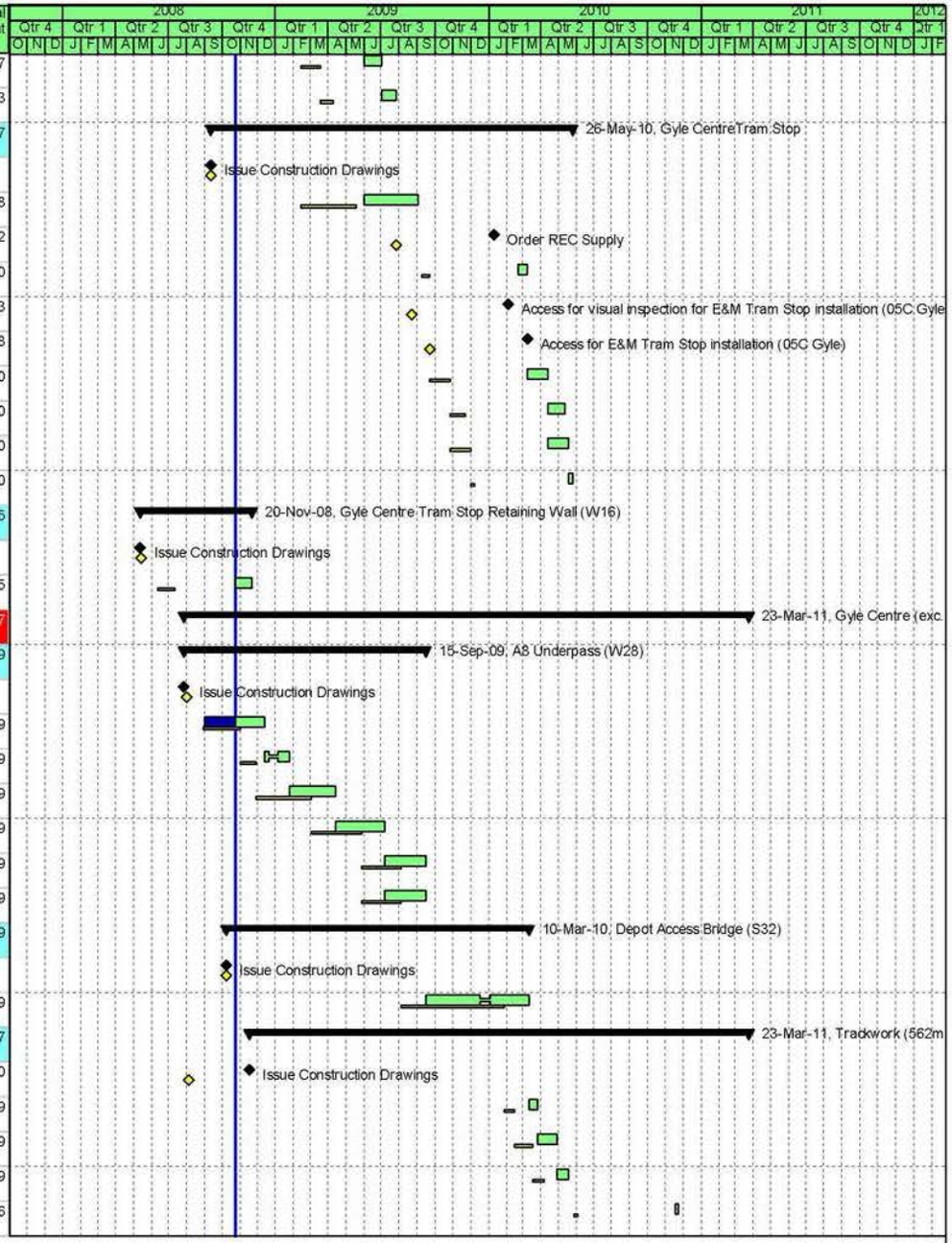
CEC01169379_0085

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
799	Track Finishes	24	01-Jun-09	03-Jul-09	417
819	Fencing	16	03-Jul-09	27-Jul-09	513
Gyle CentreTram Stop		415	11-Sep-08 A	26-May-10	427
12960	Issue Construction Drawings	0		11-Sep-08 A	
141	Civil Engineering and Building Works	65	01-Jun-09	01-Sep-09	448
298	Order REC Supply	0	11-Jan-10		522
A2170	Deliver and Install Shelter	10	22-Feb-10	08-Mar-10	310
A5318	Access for visual inspection for E&M Tram Stop installation (05C Gyle)	0	04-Feb-10		533
A5319	Access for E&M Tram Stop installation (05C Gyle)	0	08-Mar-10		328
A5320	Install LV Power Supply and LV Power Equipment	25	08-Mar-10	13-Apr-10	310
A5330	Install Telecon Equipment	20	13-Apr-10	12-May-10	320
A5340	Install Station Control Equipment + AFC Equipment	25	13-Apr-10	19-May-10	310
A5350	Package Test Tramstop	5	19-May-10	26-May-10	310
Gyle Centre Tram Stop Retaining Wall (W16)		135	13-May-08 A	20-Nov-08	65
12970	Issue Construction Drawings	0		13-May-08 A	
139	Wall Construction	20	24-Oct-08	20-Nov-08	65
Gyle Centre (exc.) to Depot Stop (inc.)		649	28-Jul-08 A	23-Mar-11	107
A8 Underpass (W28)		278	28-Jul-08 A	15-Sep-09	139
12980	Issue Construction Drawings	0		28-Jul-08 A	
143	Phase 1	46	01-Sep-08 A	12-Dec-08	139
153	Working around BT ducts (dummy)	20	12-Dec-08	23-Jan-09	139
519	Phase 2	56	23-Jan-09	14-Apr-09	139
529	Phase 3	58	14-Apr-09	07-Jul-09	139
539	Phase 4	49	07-Jul-09	15-Sep-09	139
549	Subway Construction	49	07-Jul-09	15-Sep-09	139
Depot Access Bridge (S32)		344	07-Oct-08 A	10-Mar-10	139
12990	Issue Construction Drawings	0		07-Oct-08 A	
144	Dummy	115	15-Sep-09	10-Mar-10	139
Trackwork (562m)		572	17-Nov-08	23-Mar-11	107
10590	Issue Construction Drawings	0		17-Nov-08*	0
1069	Bulk Excavation	12	10-Mar-10	26-Mar-10	139
1079	Drainage and OLE Foundations	23	26-Mar-10	29-Apr-10	139
1089	Track Formation and Ducts	12	29-Apr-10	18-May-10	139
5C-03-TRCK-69	Track Laying Demob 1D/ Remob 5C	3	17-Nov-10	22-Nov-10	6



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V31 Baseline — Remaining Work — V31 Baseline Milestone — Summary
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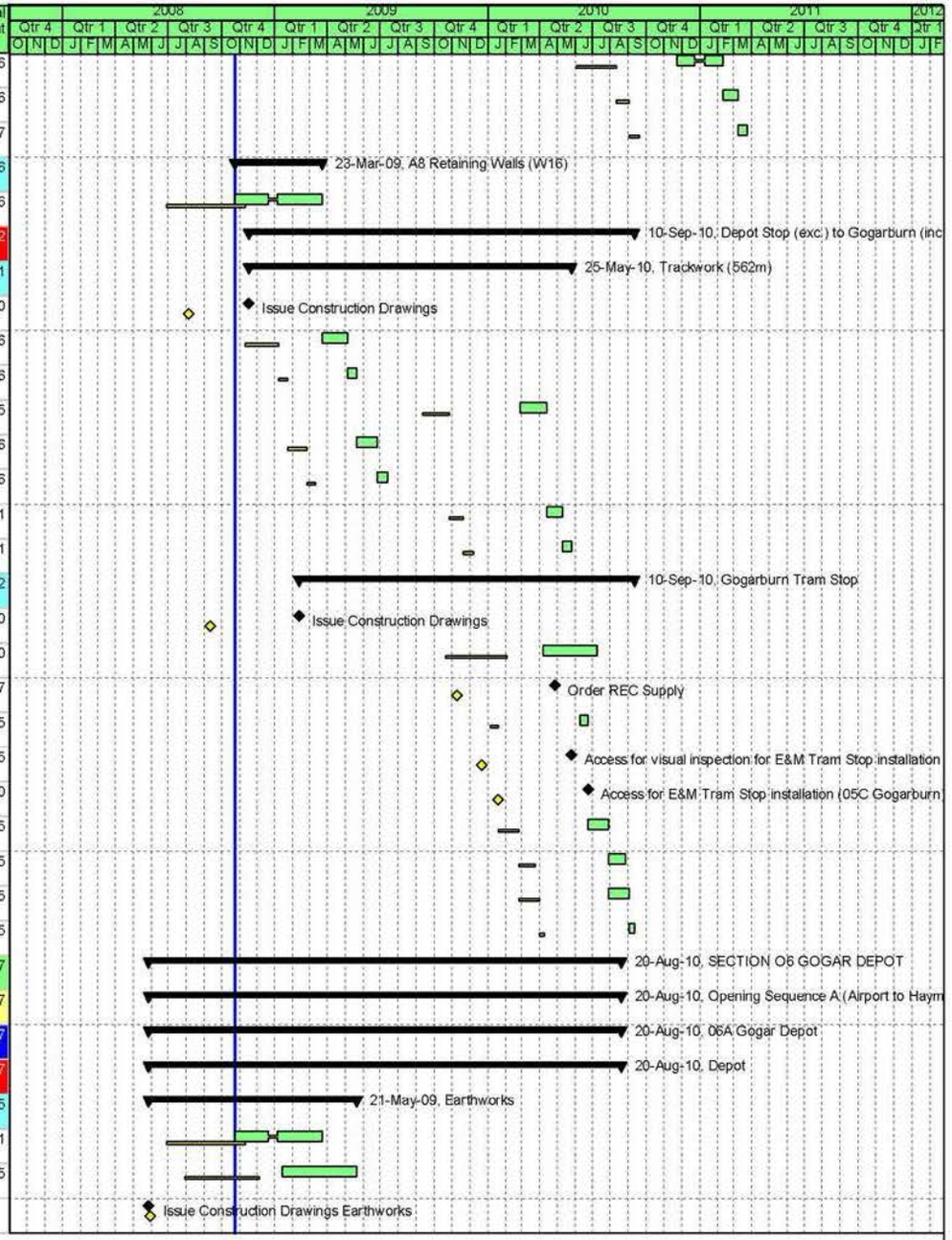
CEC01169379_0086

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
5C-03-TRCK-70	Track Laying (562m)	47	23-Nov-10	10-Feb-11	6
A2380	Track Finishes	18	11-Feb-11	08-Mar-11	6
A2390	Fencing and Reinstatements	11	09-Mar-11	23-Mar-11	107
A8 Retaining Walls (W16)		95	24-Oct-08	23-Mar-09	56
145	Soil Nailing	95	24-Oct-08	23-Mar-09	56
Depot Stop (exc.) to Gogarburn (inc.)		444	17-Nov-08	10-Sep-10	352
Trackwork (562m)		368	17-Nov-08	25-May-10	311
13020	Issue Construction Drawings	0		17-Nov-08*	0
148	Ramp Wall out of depot (details unknown)	30	23-Mar-09	06-May-09	166
288	Earthworks and Subbase	12	06-May-09	22-May-09	166
5C-02-TRCK-70	Track Laying (562m)	32	25-Feb-10	13-Apr-10	15
749	Drainage and OLE Foundations	23	22-May-09	25-Jun-09	166
759	Track Formation and Ducts	12	25-Jun-09	13-Jul-09	166
A2330	Track Finishes	18	13-Apr-10	10-May-10	91
A2340	Fencing and Reinstatements	11	10-May-10	25-May-10	311
Gogarburn Tram Stop		394	10-Feb-09	10-Sep-10	352
13030	Issue Construction Drawings	0		10-Feb-09*	0
149	Civil Engineering and Building Works	65	06-Apr-10	08-Jul-10	240
308	Order REC Supply	0	27-Apr-10		447
A2200	Deliver and Install Shelter	10	10-Jun-10	24-Jun-10	235
A5358	Access for visual inspection for E&M Tram Stop installation (05C Gogarburn)	0	25-May-10		455
A5359	Access for E&M Tram Stop installation (05C Gogarburn)	0	24-Jun-10		250
A5360	Install LV Power Supply and LV Power Equipment	25	24-Jun-10	29-Jul-10	235
A5370	Install Telecon Equipment	20	29-Jul-10	27-Aug-10	245
A5380	Install Station Control Equipment + AFC Equipment	25	29-Jul-10	03-Sep-10	235
A5390	Package Test Tramstop	5	03-Sep-10	10-Sep-10	235
SECTION O6 GOGAR DEPOT		549	29-May-08 A	20-Aug-10	367
Opening Sequence A (Airport to Haymarket)		549	29-May-08 A	20-Aug-10	367
06A Gogar Depot		549	29-May-08 A	20-Aug-10	367
Depot		549	29-May-08 A	20-Aug-10	367
Earthworks		240	29-May-08 A	21-May-09	15
1149	Earth Works	95	24-Oct-08	23-Mar-09	41
1289	Drainage and Outfall	90	13-Jan-09	21-May-09	15
13130	Issue Construction Drawings Earthworks	0		29-May-08 A	

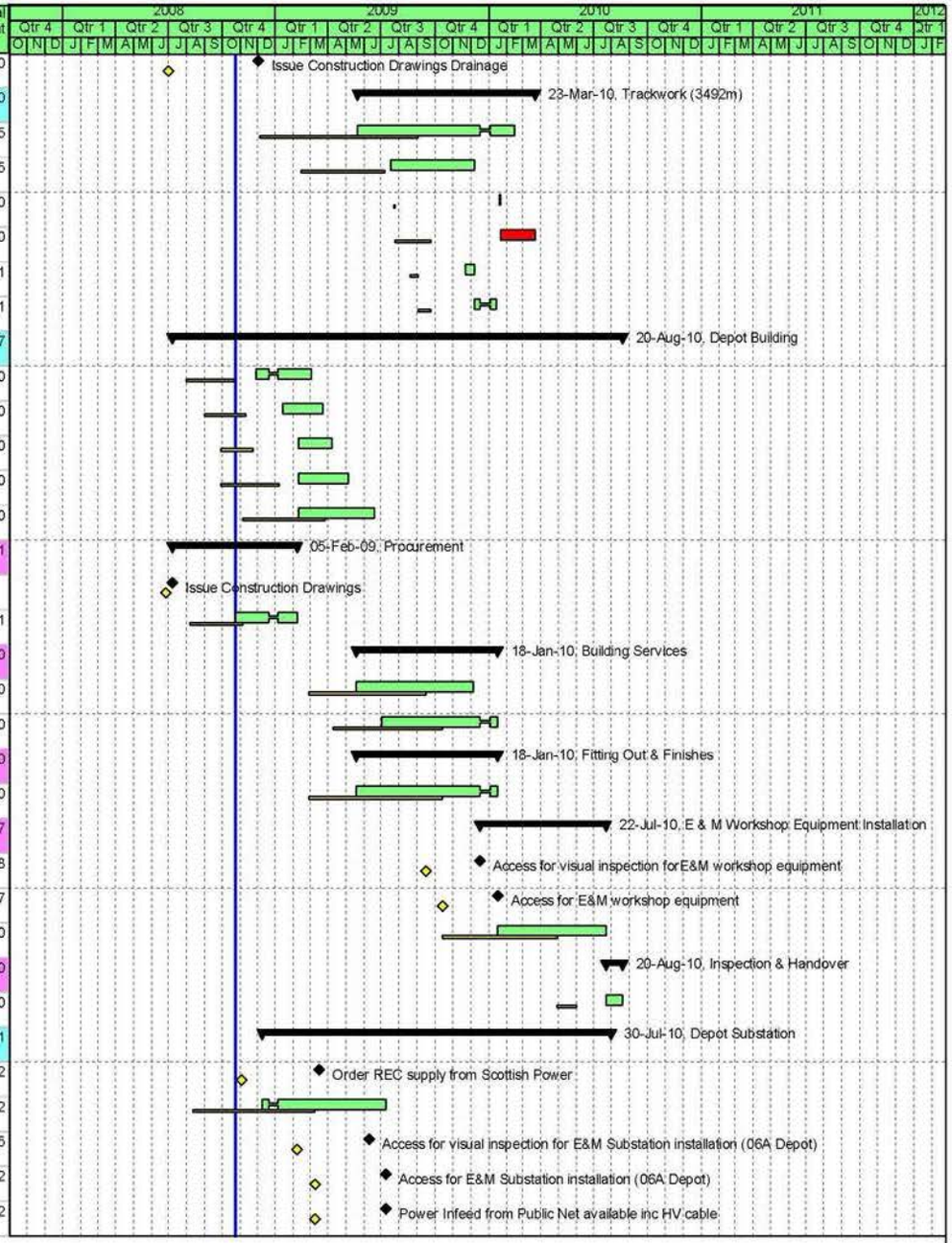


Date	Revision	Checked	Approved
24-Oct-08		scs	

V31 Baseline — Remaining Work — V31 Baseline Milestone — Summary
Actual Work — Critical Remaining Work — Milestone

CEC01169379_0087

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
13140	Issue Construction Drawings Drainage	0		02-Dec-08*	0
Trackwork (3492m)		206	21-May-09	23-Mar-10	0
154	Trackwork	180	21-May-09	16-Feb-10	15
6A-01-TRCK-70	Track Laying Ballast Track	100	17-Jul-09	08-Dec-09	15
6A-01A-TRCK-69	Track Laying Demob 1D / Remob 6A	3	19-Jan-10	21-Jan-10	0
6A-01A-TRCK-70	Track Laying Ballast Track & Embedded Track	43	22-Jan-10	23-Mar-10	0
6A-01B-TRCK-70	Track Laying Column Track	10	24-Nov-09	09-Dec-09	41
6A-01C-TRCK-70	Track Laying Finishing	17	09-Dec-09	15-Jan-10	41
Depot Building		531	07-Jul-08 A	20-Aug-10	367
A17170	Foundations	55	28-Nov-08	02-Mar-09	250
A17180	Substructure and Superstructure (Steelwork)	50	12-Jan-09	23-Mar-09	310
A17190	Pits	40	09-Feb-09	06-Apr-09	300
A17200	Substructure and Superstructure	60	09-Feb-09	06-May-09	280
A17210	Building Envelope	90	09-Feb-09	18-Jun-09	250
Procurement		150	07-Jul-08 A	05-Feb-09	251
1158	Issue Construction Drawings	0		07-Jul-08 A	
1159	Steel Work Fabrication	64	24-Oct-08	05-Feb-09	251
Building Services		160	20-May-09	18-Jan-10	250
1249	Building Services Installation	140	20-May-09	07-Dec-09	250
1259	Building Services Commissioning	130	02-Jul-09	18-Jan-10	250
Fitting Out & Finishes		160	20-May-09	18-Jan-10	250
1269	Fitting out and Finishes	160	20-May-09	18-Jan-10	250
E & M Workshop Equipment Installation		141	18-Dec-09	22-Jul-10	387
A2542	Access for visual inspection forE&M workshop equipment	0	18-Dec-09		568
A2544	Access for E&M workshop equipment	0	18-Jan-10		547
A2545	Installation of workshop equipment	130	18-Jan-10	22-Jul-10	250
Inspection & Handover		20	22-Jul-10	20-Aug-10	250
A2550	Inspection and Testing	20	22-Jul-10	20-Aug-10	250
Depot Substation		401	08-Dec-08	30-Jul-10	381
306	Order REC supply from Scottish Power	0	16-Mar-09		482
316	Civil Engineering and Building Works	140	08-Dec-08	09-Jul-09	482
A2518	Access for visual inspection for E&M Substation installation (06A Depot)	0	09-Jun-09		705
A2519	Access for E&M Substation installation (06A Depot)	0	09-Jul-09		512
A5930	Power Infeed from Public Net available inc HV cable	0	09-Jul-09		482

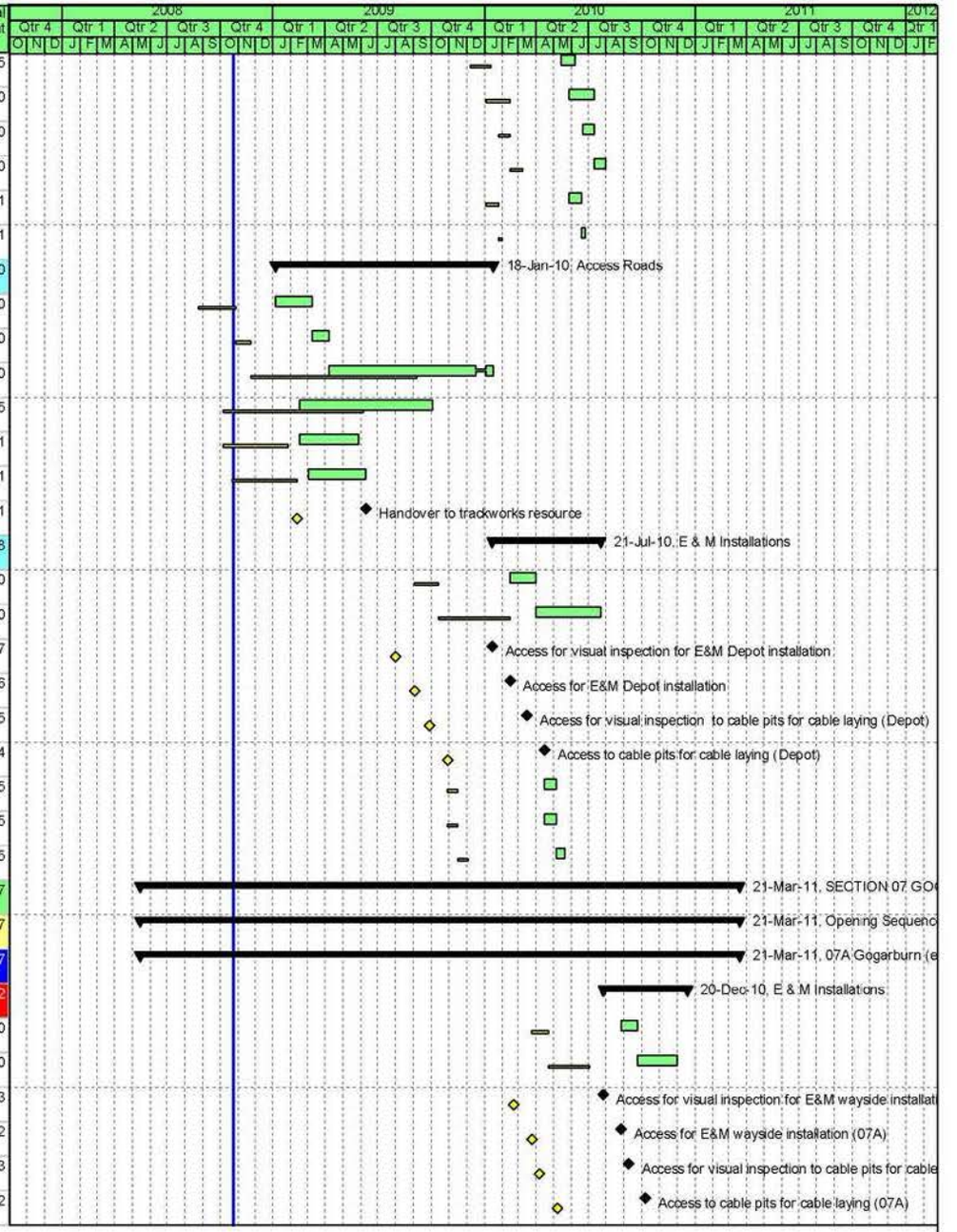


Date	Revision	Checked	Approved
24-Oct-08		scs	

V31 Baseline — Remaining Work — V31 Baseline Milestone — Summary
Actual Work — Critical Remaining Work — Milestone

CEC01169379_0088

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
A5940	Install LV Power Supply and LV Power Equipment	15	14-May-10	07-Jun-10	275
A5950	Installation of TPS Equipment	30	28-May-10	12-Jul-10	250
A5960	Install Telecom and Scada	15	21-Jun-10	12-Jul-10	250
A5970	Testing and Commissioning	14	12-Jul-10	30-Jul-10	250
A6330	Installation of SIG-interlocking cubicle	15	28-May-10	18-Jun-10	291
A6340	Commissioning of SIG -interlocking cubicle	5	18-Jun-10	25-Jun-10	291
Access Roads		255	05-Jan-09	18-Jan-10	400
1179	North Side	45	05-Jan-09	09-Mar-09	400
1189	South Side	20	09-Mar-09	06-Apr-09	400
1199	Finishes	190	06-Apr-09	18-Jan-10	400
1209	Car Park & Hardstanding	160	16-Feb-09	02-Oct-09	465
1219	Track & Stabling Area	70	16-Feb-09	28-May-09	51
1229	Shunting Area	70	02-Mar-09	11-Jun-09	41
1239	Handover to trackworks resource	0		11-Jun-09	41
E & M Installations		130	15-Jan-10	21-Jul-10	388
06A-01-OHLE-50	Installation of poles and building fixings	32	16-Feb-10	01-Apr-10	40
06A-01-OHLE-60	Overhead Catenary Line	76	01-Apr-10	21-Jul-10	40
A4203	Access for visual inspection for E&M Depot installation	0	15-Jan-10		517
A4204	Access for E&M Depot installation	0	16-Feb-10		496
A4218	Access for visual inspection to cable pits for cable laying (Depot)	0	16-Mar-10		475
A4219	Access to cable pits for cable laying (Depot)	0	16-Apr-10		454
A4220	Install Electrical Cables	12	16-Apr-10	05-May-10	295
A4230	Install Fibre Optic Cables	12	16-Apr-10	05-May-10	325
A4240	Install Signalling Wayside Equipment	12	05-May-10	21-May-10	295
SECTION 07 GOGAR TO EDINBURGH AIRPORT		699	15-May-08 A	21-Mar-11	227
Opening Sequence A (Airport to Haymarket)		699	15-May-08 A	21-Mar-11	227
07A Gogarburn (exc.) to Edinburgh Airport (inc.)		699	15-May-08 A	21-Mar-11	227
E & M Installations		102	27-Jul-10	20-Dec-10	282
07A-04/05-OHLE-50	Installation of poles and building fixings	20	27-Aug-10	24-Sep-10	30
07A-04/05-OHLE-60	Overhead Catenary Line	48	24-Sep-10	02-Dec-10	30
A4243	Access for visual inspection for E&M wayside installation (07A)	0	27-Jul-10		383
A4244	Access for E&M wayside installation (07A)	0	27-Aug-10		362
A4258	Access for visual inspection to cable pits for cable laying (07A)	0	08-Sep-10		353
A4259	Access to cable pits for cable laying (07A)	0	08-Oct-10		332

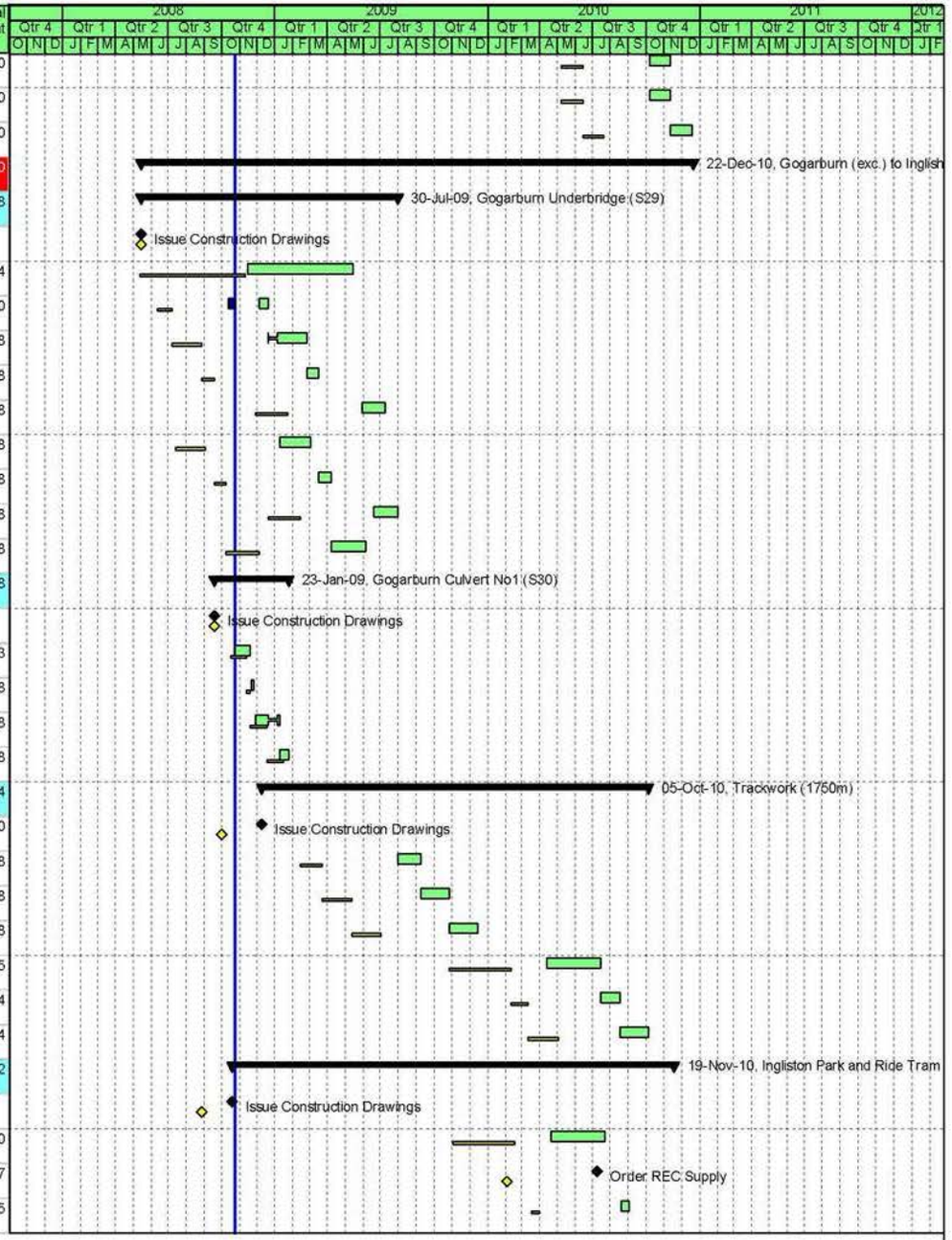


Date	Revision	Checked	Approved
24-Oct-08		scs	

V31 Baseline — Remaining Work — V31 Baseline Milestone — Summary
Actual Work — Critical Remaining Work — Milestone

CEC01169379_0089

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
A4260	Install Electrical Cables	25	08-Oct-10	12-Nov-10	160
A4270	Install Fibre Optic Cables	25	08-Oct-10	12-Nov-10	190
A4280	Install Signalling Wayside Equipment	25	12-Nov-10	20-Dec-10	160
Gogarburn (exc.) to Inglishton Park & Ride (inc.)		646	15-May-08 A	22-Dec-10	280
Gogarburn Underbridge (S29)		299	15-May-08 A	30-Jul-09	88
13040	Issue Construction Drawings	0		15-May-08 A	
13041	Treat area of contaminated land (Dummy duration)	130	13-Nov-08	14-May-09	144
159	Temporary Access Roads-Bulk Excavation-Piling Platform	16	13-Oct-08 A	19-Dec-08	100
179	East Abutment-Piles and Columns	36	19-Dec-08	23-Feb-09	88
189	East Abutment-Reinforced Earth	15	23-Feb-09	16-Mar-09	88
199	East Abutment-Parapets and Run on Slabs	29	29-May-09	09-Jul-09	88
209	West Abutment-Piles and Columns	36	09-Jan-09	02-Mar-09	98
219	West Abutment-Reinforced Earth	15	16-Mar-09	06-Apr-09	88
229	West Abutment-Parapets and Run on Slabs	29	19-Jun-09	30-Jul-09	88
239	Bridge Deck	41	06-Apr-09	05-Jun-09	88
Gogarburn Culvert No1 (S30)		81	17-Sep-08 A	23-Jan-09	218
13050	Issue Construction Drawings	0		17-Sep-08 A	
160	Temporary Access Roads-Divert Flows-Bulk Excavation	19	24-Oct-08	19-Nov-08	233
249	Precast Culvert Units	5	20-Nov-08	26-Nov-08	218
259	Reinforced Concrete Apron and Wingwalls	20	27-Nov-08	08-Jan-09	218
269	Backfill and Finishes	11	09-Jan-09	23-Jan-09	218
Trackwork (1750m)		447	08-Dec-08	05-Oct-10	204
13060	Issue Construction Drawings	0		08-Dec-08*	0
162	Earthworks and Subbase	27	30-Jul-09	08-Sep-09	88
399	Drainage and OLE Foundations	35	08-Sep-09	27-Oct-09	88
409	Bottom Balast and Ducts	35	27-Oct-09	16-Dec-09	88
7A-04-TRCK-70	Track Laying (1750m)	65	13-Apr-10	15-Jul-10	15
A1990	Top Ballast	22	15-Jul-10	17-Aug-10	204
A2020	Fencing & Trackside Finishes	35	17-Aug-10	05-Oct-10	204
Ingliston Park and Ride Tram Stop		552	20-Oct-08 A	19-Nov-10	302
13070	Issue Construction Drawings	0		20-Oct-08 A	
163	Civil Engineering and Building Works	65	20-Apr-10	22-Jul-10	230
218	Order REC Supply	0	08-Jul-10		397
A1940	Deliver and Install Shelter	10	20-Aug-10	03-Sep-10	185

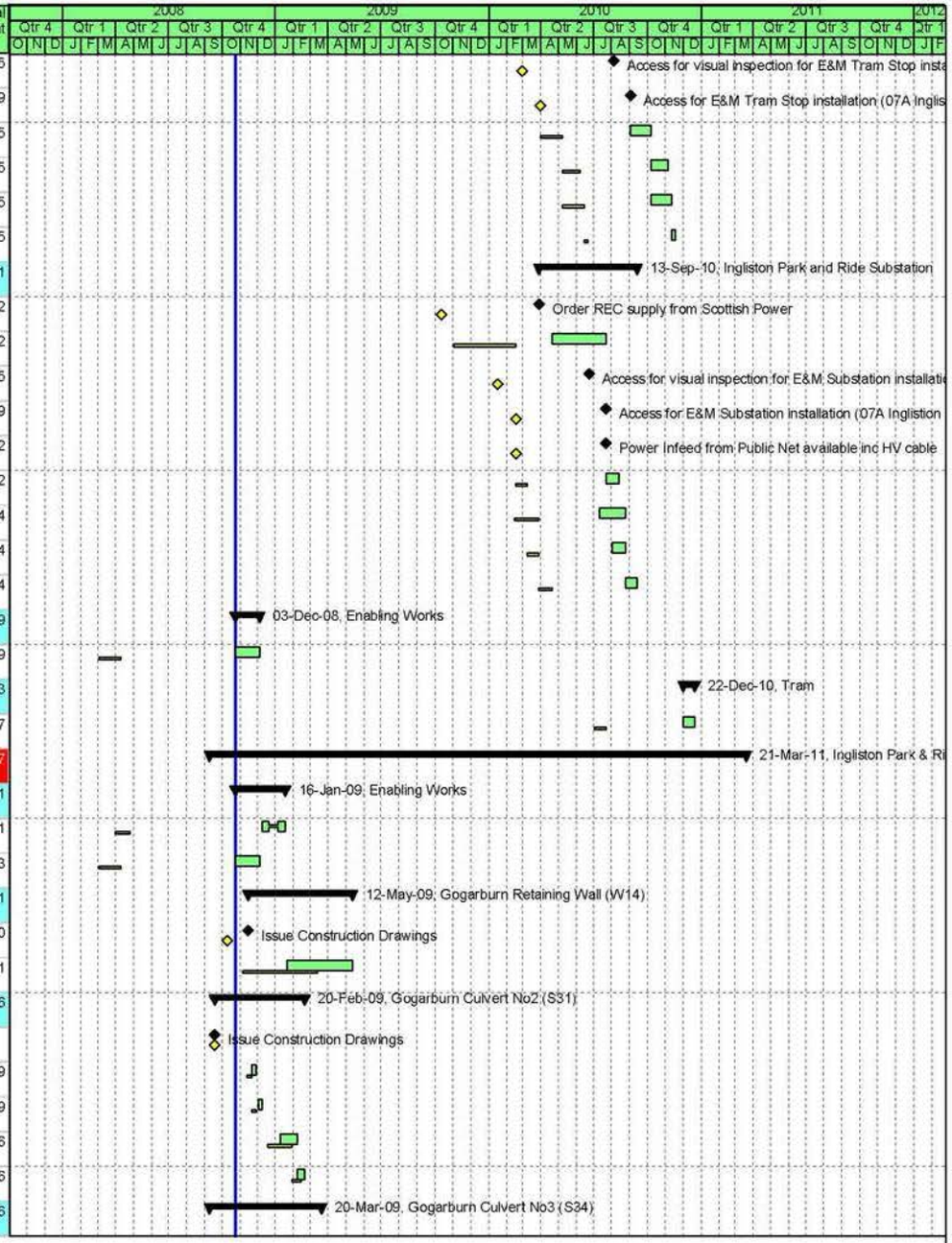


Date	Revision	Checked	Approved
24-Oct-08		scs	

V31 Baseline — Remaining Work — V31 Baseline Milestone — Summary
Actual Work — Critical Remaining Work — Milestone

CEC01169379_0090

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
A5398	Access for visual inspection for E&M Tram Stop installation (07A Ingliston Park+Ride)	0	04-Aug-10		405
A5399	Access for E&M Tram Stop installation (07A Ingliston Park+Ride)	0	03-Sep-10		199
A5400	Install LV Power Supply and LV Power Equipment	25	03-Sep-10	08-Oct-10	185
A5410	Install Telecon Equipment	20	08-Oct-10	05-Nov-10	195
A5420	Install Station Control Equipment + AFC Equipment	25	08-Oct-10	12-Nov-10	185
A5430	Package Test Tramstop	5	12-Nov-10	19-Nov-10	185
Ingliston Park and Ride Substation		116	29-Mar-10	13-Sep-10	351
216	Order REC supply from Scottish Power	0		29-Mar-10	372
226	Civil Engineering and Building Works	65	20-Apr-10	22-Jul-10	372
A1968	Access for visual inspection for E&M Substation installation (07A Inglistion Park and Ride)	0	22-Jun-10		435
A1969	Access for E&M Substation installation (07A Inglistion Park and Ride)	0	22-Jul-10		399
A5980	Power Infeed from Public Net available inc HV cable	0	22-Jul-10		372
A5990	Install LV Power Supply and LV Power Equipment	15	22-Jul-10	13-Aug-10	372
A6000	Installation of TPS Equipment	30	12-Jul-10	24-Aug-10	234
A6010	Install Telecom and Scada	15	03-Aug-10	24-Aug-10	234
A6020	Testing and Commissioning	14	24-Aug-10	13-Sep-10	234
Enabling Works		28	24-Oct-08	03-Dec-08	89
A2000	Site and Vegetation Clearance	28	24-Oct-08	03-Dec-08	89
Tram		14	02-Dec-10	22-Dec-10	163
A6380	Track Testing of Tram	20	02-Dec-10	22-Dec-10	247
Ingliston Park & Ride (exc.) to Edinburgh Airport (inc.)		616	10-Sep-08 A	21-Mar-11	227
Enabling Works		50	24-Oct-08	16-Jan-09	241
A1920	Construct New Hotel Car Park	20	08-Dec-08	16-Jan-09	241
A1930	Site and Vegetation Clearance	28	24-Oct-08	03-Dec-08	263
Gogarburn Retaining Wall (W14)		115	14-Nov-08	12-May-09	241
13080	Issue Construction Drawings	0		14-Nov-08*	0
167	Gogarburn Retaining Wall (W14)	80	19-Jan-09	12-May-09	241
Gogarburn Culvert No2 (S31)		101	17-Sep-08 A	20-Feb-09	296
13090	Issue Construction Drawings	0		17-Sep-08 A	
165	Divert Flows-Bulk Excavation	7	20-Nov-08	28-Nov-08	289
309	Precast Culvert Units	5	02-Dec-08	08-Dec-08	289
319	Reinforced Concrete Apron and Wingwalls	20	09-Jan-09	05-Feb-09	276
329	Backfill and Finishes	11	06-Feb-09	20-Feb-09	296
Gogarburn Culvert No3 (S34)		126	10-Sep-08 A	20-Mar-09	276

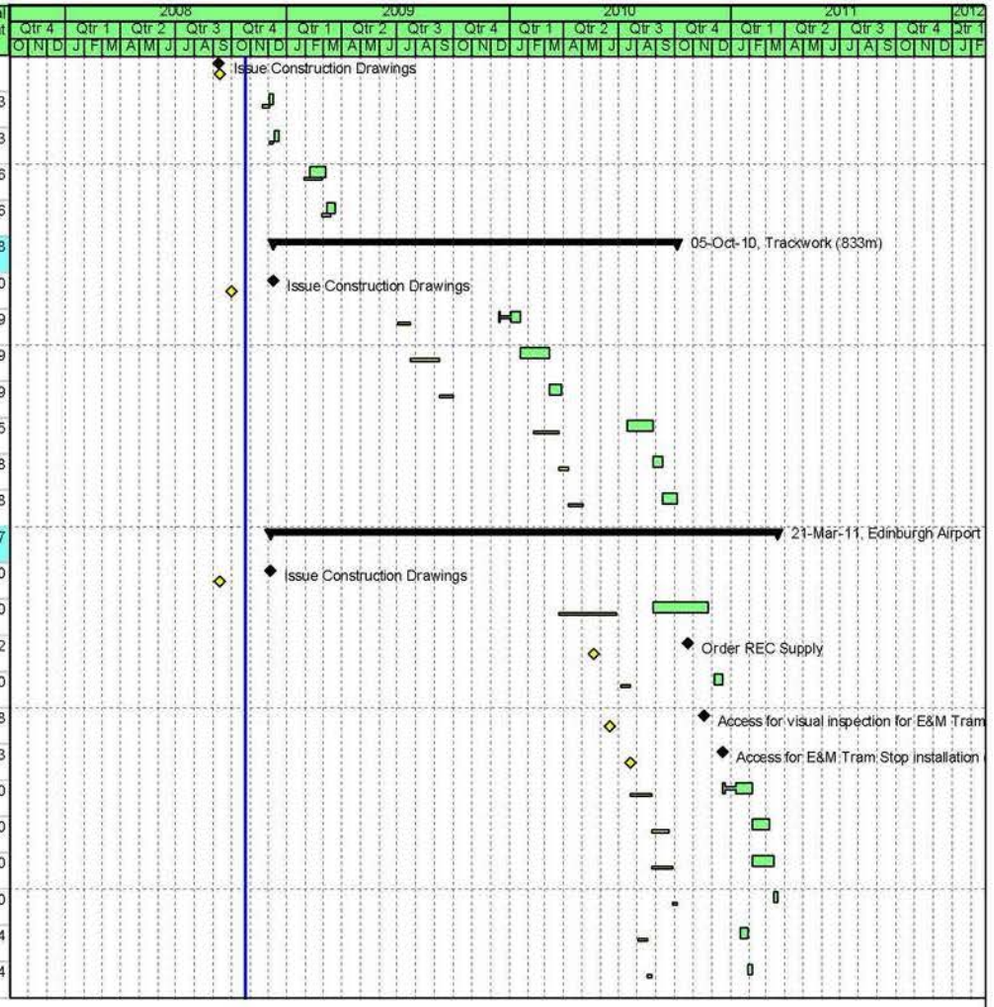


Date	Revision	Checked	Approved
24-Oct-08		scs	

V31 Baseline — Remaining Work — V31 Baseline Milestone — Summary
Actual Work — Critical Remaining Work — Milestone

CEC01169379_0091

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
13100	Issue Construction Drawings	0		10-Sep-08 A	
196	Divert Flows-Bulk Excavation	6	02-Dec-08	09-Dec-08	303
279	Precast Culvert Units	5	10-Dec-08	16-Dec-08	303
289	Reinforced Concrete Apron and Wingwalls	20	06-Feb-09	05-Mar-09	276
299	Backfill and Finishes	11	06-Mar-09	20-Mar-09	276
Trackwork (833m)		447	08-Dec-08	05-Oct-10	218
13110	Issue Construction Drawings	0		08-Dec-08*	0
168	Earthworks and Subbase	15	16-Dec-09	20-Jan-10	89
369	Drainage and OLE Foundations	33	20-Jan-10	08-Mar-10	89
379	Bottom Ballast and Ducts	16	08-Mar-10	30-Mar-10	89
7A-05-TRCK-70	Track Laying (833m)	30	15-Jul-10	27-Aug-10	15
A1910	Top Ballast	10	27-Aug-10	10-Sep-10	218
A2350	Fencing & Trackside Finishes	17	10-Sep-10	05-Oct-10	218
Edinburgh Airport Tram Stop		558	03-Dec-08	21-Mar-11	227
13120	Issue Construction Drawings	0		03-Dec-08*	0
169	Civil Engineering and Building Works	65	27-Aug-10	26-Nov-10	140
208	Order REC Supply	0	22-Oct-10		322
A1880	Deliver and Install Shelter	10	06-Dec-10	20-Dec-10	110
A5438	Access for visual inspection for E&M Tram Stop installation (07A Edingburgh Airport)	0	18-Nov-10		328
A5439	Access for E&M Tram Stop installation (07A Edingburgh Airport)	0	20-Dec-10		123
A5440	Install LV Power Supply and LV Power Equipment	25	20-Dec-10	07-Feb-11	110
A5450	Install Telecon Equipment	20	07-Feb-11	07-Mar-11	120
A5460	Install Station Control Equipment + AFC Equipment	25	07-Feb-11	14-Mar-11	110
A5470	Package Test Tramstop	5	14-Mar-11	21-Mar-11	110
A6360	Installation of SIG-interlocking cubicle	10	17-Jan-11	31-Jan-11	144
A6370	Commissioning of SIG -interlocking cubicle	5	31-Jan-11	07-Feb-11	144



Date	Revision	Checked	Approved
24-Oct-08		scs	

V31 Baseline — Remaining Work — V31 Baseline Milestone — Summary
Actual Work — Critical Remaining Work — Milestone

CEC01169379_0092

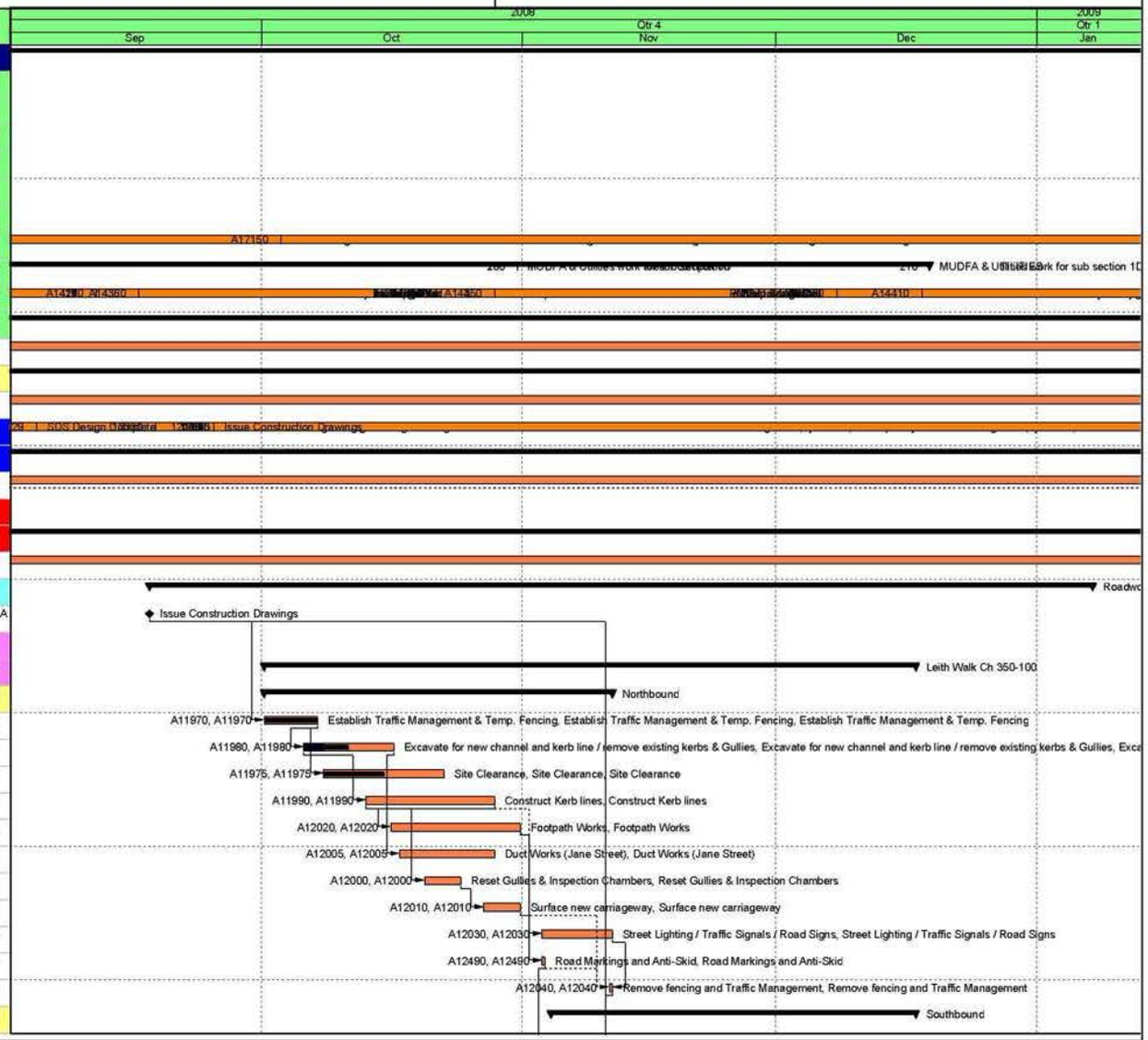
10.3 Look Ahead Programme

Four Month Look Ahead Programme

September - December 2008

EDINBURGH TRAM NETWORK

Activity ID	Activity Name	Activity % Complete	Start	Original Duration	Finish
Edinburgh Tram Construction Programme V31 14wk080901			14-Nov-07 A	941	13-Sep-11
Design Stage Consents			14-Nov-07	100	16-Apr-08
TIE Consents			14-Nov-07	100	16-Apr-08
Advanced Works Contract			14-Nov-07	117	12-May-08
Key Dates			24-Apr-08	20	22-May-08
Commissioning Phase 1a Edinburgh Airport to Haymarket				0	
Commissioning Phase 1a Haymarket to Newhaven				0	
M & E Design			03-Mar-08	390	25-Sep-09
MUDFA & UTILITIES			14-Nov-07	272	19-Dec-08
Third Party Notice Periods			14-Nov-07	293	02-Feb-09
SECTION 01 NEWHAVEN ROAD TO HAYMARKET			30-Jun-08 A	791	13-Sep-11
1	SECTION 01 NEWHAVEN ROAD TO HAYMARKET	0%	30-Jun-08	1171	13-Sep-11
Opening Sequence B (Haymarket to Newhaven Road)			30-Jun-08 A	791	13-Sep-11
2	Opening Sequence B (Haymarket to Newhaven Road)	0%	30-Jun-08	1171	13-Sep-11
01A Newhaven Road (inc.) to Foot of the Walk (exc.)			08-Jul-08	746	19-Jul-11
01B Foot of the Walk (inc.) to McDonald Road (exc.)			30-Jun-08 A	682	08-Apr-11
21	01B Foot of the Walk (inc.) to McDonald Road (exc.)	0%	30-Jun-08	1013	08-Apr-11
E & M Installation				0	
Foot of the walk (inc.) to Balfour Street (exc.)			07-Jul-08 A	665	23-Mar-11
22	Foot of the walk (inc.) to Balfour Street (exc.)	0%	07-Jul-08	989	23-Mar-11
Roadworks			17-Sep-08 A	69	07-Jan-09
12140	Issue Construction Drawings	100%		0	17-Sep-08 A
Foot of the Walk Ch 0-100				0	
Leith Walk Ch 350-100			01-Oct-08 A	55	17-Dec-08
Northbound			01-Oct-08 A	30	11-Nov-08
A11970	Establish Traffic Management & Temp. Fencing	100%	01-Oct-08 A	5	07-Oct-08
A11980	Excavate for new channel and kerb line / remove existing kerbs & Gullies	50%	06-Oct-08 A	7	16-Oct-08
A11975	Site Clearance	50%	08-Oct-08 A	11	22-Oct-08
A11990	Construct Kerb lines	0%	13-Oct-08	12	28-Oct-08
A12020	Footpath Works	0%	16-Oct-08	12	31-Oct-08
A12005	Duct Works (Jane Street)	0%	17-Oct-08*	8	28-Oct-08
A12000	Reset Gullies & Inspection Chambers	0%	20-Oct-08	5	24-Oct-08
A12010	Surface new carriageway	0%	27-Oct-08	5	31-Oct-08
A12030	Street Lighting / Traffic Signals / Road Signs	0%	03-Nov-08	7	11-Nov-08
A12490	Road Markings and Anti-Skid	0%	03-Nov-08	1	03-Nov-08
A12040	Remove fencing and Traffic Management	0%	11-Nov-08	1	11-Nov-08
Southbound			04-Nov-08	31	17-Dec-09



Date	Revision	Chec...	Approved
29-Aug-08		SCS	
05-Sep-08	Converted to 4 mo Look Ahead Sept - Dec 2008	JAC	
19-Sep-08	S29 Package Contractor's Section Updated	JAC	
30-Sep-08	Leith Walk updated for Period 7 Progress Report	JAC	
28-Oct-08	Progress and IFCs updated	JAC	

Actual Work
Summary
Normal
Remaining Work
Milestone
% Complete

CEC01169379_0094

Four Month Look Ahead Programme

September - December 2008

EDINBURGH TRAM NETWORK

Activity ID	Activity Name	Activity % Complete	Start	Original Duration	Finish
A17450	Establish Traffic Management & Temp. Fencing	0%	04-Nov-08	5	10-Nov-08
A17460	Site Clearance	0%	11-Nov-08	11	25-Nov-08
A17550	Excavate for new channel and kerb line / remove existing kerbs & Gullies	0%	11-Nov-08	7	19-Nov-08
A17470	Construct Kerb lines	0%	14-Nov-08	12	02-Dec-08
A17490	Footpath Works	0%	19-Nov-08	12	05-Dec-08
A17480	Duct Works (Manderston Street)	0%	20-Nov-08*	8	02-Dec-08
A17500	Reset Gullies & Inspection Chambers	0%	21-Nov-08	5	27-Nov-08
A17510	Surface new carriageway	0%	28-Nov-08	5	05-Dec-08
A17520	Road Markings and Anti-Skid	0%	08-Dec-08	1	08-Dec-08
A17530	Street Lighting / Traffic Signals / Road Signs	0%	08-Dec-08	7	16-Dec-08
A17540	Remove fencing and Traffic Management	0%	17-Dec-08	1	17-Dec-08
Leith Walk Ch 350-600			12-Nov-08	30	07-Jan-09
A12050	Establish Traffic Management & Temp. Fencing	0%	12-Nov-08	2	13-Nov-08
A12060	Excavate for new channel and kerb line / remove existing kerbs	0%	14-Nov-08	10	27-Nov-08
A12070	Construct Kerb lines	0%	19-Nov-08	13	08-Dec-08
A12080	Reset Gullies	0%	26-Nov-08	13	15-Dec-08
A12100	Pavement Works	0%	09-Dec-08	12	07-Jan-09
A12110	Street Lighting / Traffic Signals / Road Signs	0%	09-Dec-08	7	17-Dec-08
A12090	Surface new channel	0%	16-Dec-08	6	06-Jan-09
Leith Walk Substation				0	
Trackwork			07-Jul-08	0	07-Jul-08
Foot of the Walk Tram Stop			25-Sep-08	0	25-Sep-08
Balfour Street (inc.) to McDonald Road (exc.)			30-Jun-08	669	21-Mar-11
01C McDonald Road (inc.) to Princess Street West (exc.)			27-Aug-08 A	750	13-Sep-11
29	01C McDonald Road (inc.) to Princess Street West (exc.)	0%	27-Aug-08	1113	13-Sep-11
E & M Installations				0	
McDonald Road (inc.) to Picardy Place (exc.)			27-Aug-08 A	614	01-Mar-11
30	McDonald Road (inc.) to Picardy Place (exc.)	0%	27-Aug-08	917	01-Mar-11
Trackworks			27-Aug-08	0	27-Aug-08
Roadworks			27-Aug-08 A	82	19-Dec-08
12200	Issue Construction Drawings	100%		0	27-Aug-08 A
Leith Walk Ch 0-375			31-Oct-08	35	19-Dec-08
Northbound			31-Oct-08	35	19-Dec-08
A17560	Establish Traffic Management & Temp. Fencing	0%	31-Oct-08	5	06-Nov-08
A17570	Excavate for new channel and kerb line / remove existing kerbs & Gullies	0%	07-Nov-08	11	21-Nov-08
A17580	Site Clearance	0%	07-Nov-08	17	02-Dec-08
A17590	Construct Kerb lines	0%	12-Nov-08	18	08-Dec-08

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30-Sep-08	Leith Walk updated for Period 7 Progress Report	JAC	
28-Oct-08	Progress and IFCs updated	JAC	

Actual Work
Normal
Remaining Work
Milestone
% Complete
Summary

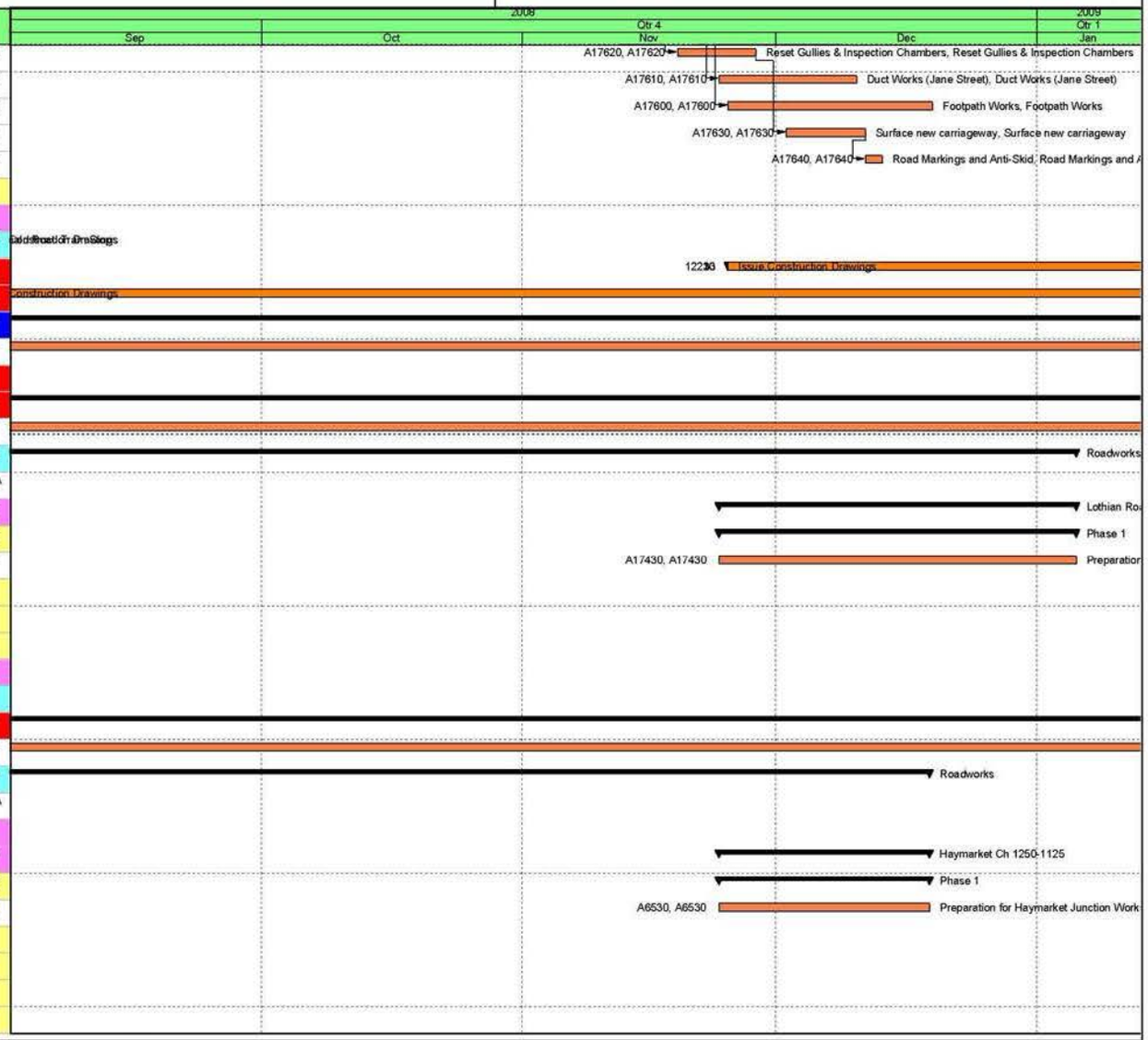
CEC01169379_0095

Four Month Look Ahead Programme

September - December 2008

EDINBURGH TRAM NETWORK

Activity ID	Activity Name	Activity % Complete	Start	Original Duration	Finish
A17620	Reset Gullies & Inspection Chambers	0%	19-Nov-08	8	28-Nov-08
A17610	Duct Works (Jane Street)	0%	24-Nov-08*	12	10-Dec-08
A17600	Footpath Works	0%	25-Nov-08	18	19-Dec-08
A17630	Surface new carriageway	0%	02-Dec-08	8	11-Dec-08
A17640	Road Markings and Anti-Skid	0%	11-Dec-08	2	13-Dec-08
Southbound				0	
London Road Ch 375-450				0	
McDonald Road Tram Stop			27-Aug-08	0	27-Aug-08
Picardy Place (inc.) to St. Andrews Square (exc.)			25-Nov-08	686	13-Sep-11
St. Andrews Square (inc.) to Princes Street West (exc.)			27-Aug-08	685	13-Jun-11
01D Princes Street (inc.) to Haymarket (exc.)			04-Jul-08 A	634	04-Feb-11
39	01D Princess Street (inc.) to Haymarket (exc.)	0%	04-Jul-08	946	04-Feb-11
E & M Installation				0	
Princes Street West (inc.) to Shadwick Place (exc.)			04-Jul-08 A	498	13-Jul-10
40	Princess Street West (inc.) to Shadwick Place (exc.)	0%	04-Jul-08	740	13-Jul-10
Roadworks			04-Jul-08 A	120	05-Jan-09
12270	Issue Construction Drawings	100%		0	04-Jul-08 A
Lothian Road Junction Ch 440-280			24-Nov-08	20	05-Jan-09
Phase 1			24-Nov-08	20	05-Jan-09
A17430	Preparation for Lothian Rd / Princes St	0%	24-Nov-08*	20	05-Jan-09
Phase 2				0	
Phase 4a				0	
Phase 3				0	
Princes Street Ch 280-0,1980-1360				0	
Trackworks (710m)			04-Jul-08	0	04-Jul-08
Shandwick Place (inc.) to Haymarket (exc.)			04-Jul-08 A	634	04-Feb-11
43	Shadwick Place (inc.) to Haymarket (exc.)	0%	04-Jul-08	946	04-Feb-11
Roadworks			04-Jul-08 A	118	19-Dec-08
12310	Issue Construction Drawings	100%		0	04-Jul-08 A
Torphicen Ch 1125-940				0	
Haymarket Ch 1250-1125			24-Nov-08	18	19-Dec-08
Phase 1			24-Nov-08	18	19-Dec-08
A6530	Preparation for Haymarket Junction Works	0%	24-Nov-08*	18	19-Dec-08
Phase 4a				0	
Phase 2				0	
Phase 4b				0	
Phase 7				0	



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Actual Work
Summary
Normal
Remaining Work
Milestone
% Complete

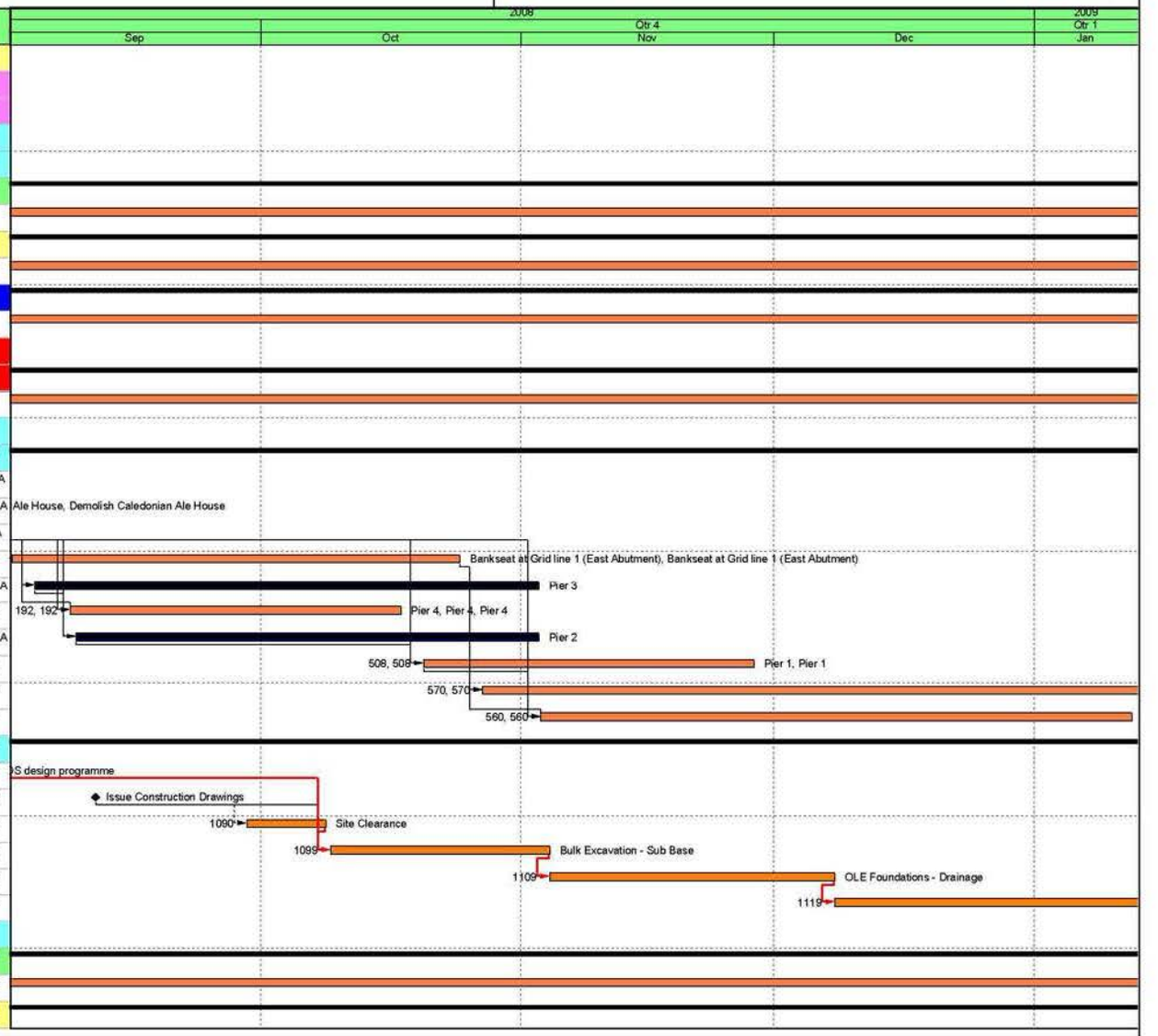
CEC01169379_0096

Four Month Look Ahead Programme

September - December 2008

EDINBURGH TRAM NETWORK

Activity ID	Activity Name	Activity % Complete	Start	Original Duration	Finish
Phase 6b				0	
West Maitland Ch 940-850				0	
Shandwick Ch 850-440				0	
Trackwork			04-Jul-08	0	04-Jul-08
Shandwick Place Tram Stop			04-Jul-08	0	04-Jul-08
SECTION 2 HAYMARKET CORRIDOR			01-Apr-08 A	564	14-Jul-10
56	SECTION 2 HAYMARKET CORRIDOR	0%	23-Jun-08 A	834	14-Jul-10
Opening Sequence A (Airport to Haymarket)			01-Apr-08 A	564	14-Jul-10
47	Opening Sequence A (Airport to Haymarket)	0%	23-Jun-08 A	834	14-Jul-10
02A Haymarket Corridor			01-Apr-08 A	564	14-Jul-10
48	02A Haymarket Corridor	0%	23-Jun-08 A	834	14-Jul-10
E & M Installations				0	
Haymarket (inc.) to Roseburn Junction (inc.)			01-Apr-08 A	564	14-Jul-10
49	Haymarket (inc.) to Roseburn Junction (inc.)	0%	23-Jun-08 A	834	14-Jul-10
Haymarket Station Tram Stop			03-Jul-08	0	03-Jul-08
Haymarket Station Viaduct (S19)			01-Apr-08 A	241	23-Mar-09
10331	Notice to Vacate Caledonian Ale House	100%		0	01-Apr-08 A
1138	Demolish Caledonian Ale House	100%	23-Jun-08 A	20	18-Aug-08 A
10330	Issue Construction Drawings	100%		0	03-Jul-08 A
1139	Bankseat at Grid line 1 (East Abutment)	0%	01-Sep-08*	40	24-Oct-08
227	Pier 3	100%	04-Sep-08 A	30	03-Nov-08 A
192	Pier 4	0%	08-Sep-08 A	30	17-Oct-08
498	Pier 2	100%	09-Sep-08 A	30	03-Nov-08 A
508	Pier 1	0%	20-Oct-08	30	28-Nov-08
570	Superstructure	0%	27-Oct-08	95	23-Mar-09
560	Bankseat at Gridline 6 (West Abutment)	0%	03-Nov-08	40	12-Jan-09
Trackwork (1135m)			22-Jul-08	120	22-Jan-09
10350	Delay start for latest SDS design programme	0%		0	22-Jul-08*
10340	Issue Construction Drawings	0%		0	11-Sep-08*
1090	Site Clearance	0%	29-Sep-08*	10	08-Oct-08
1099	Bulk Excavation - Sub Base	0%	09-Oct-08	18	04-Nov-08
1109	OLE Foundations - Drainage	0%	04-Nov-08	23	08-Dec-08
1119	CBM- Ducts	0%	08-Dec-08	23	22-Jan-09
Haymarket Terrace Substation				0	
SECTION 05 ROSEBURN JUNCTION TO GOGAR			14-Nov-07 A	882	21-Jun-11
99	SECTION 05 ROSEBURN JUNCTION TO GOGAR	0%	25-Jun-08 A	1316	21-Jun-11
Opening Sequence A (Airport to Haymarket)			14-Nov-07 A	882	21-Jun-11



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Actual Work
Summary
Normal
Remaining Work
Milestone
% Complete

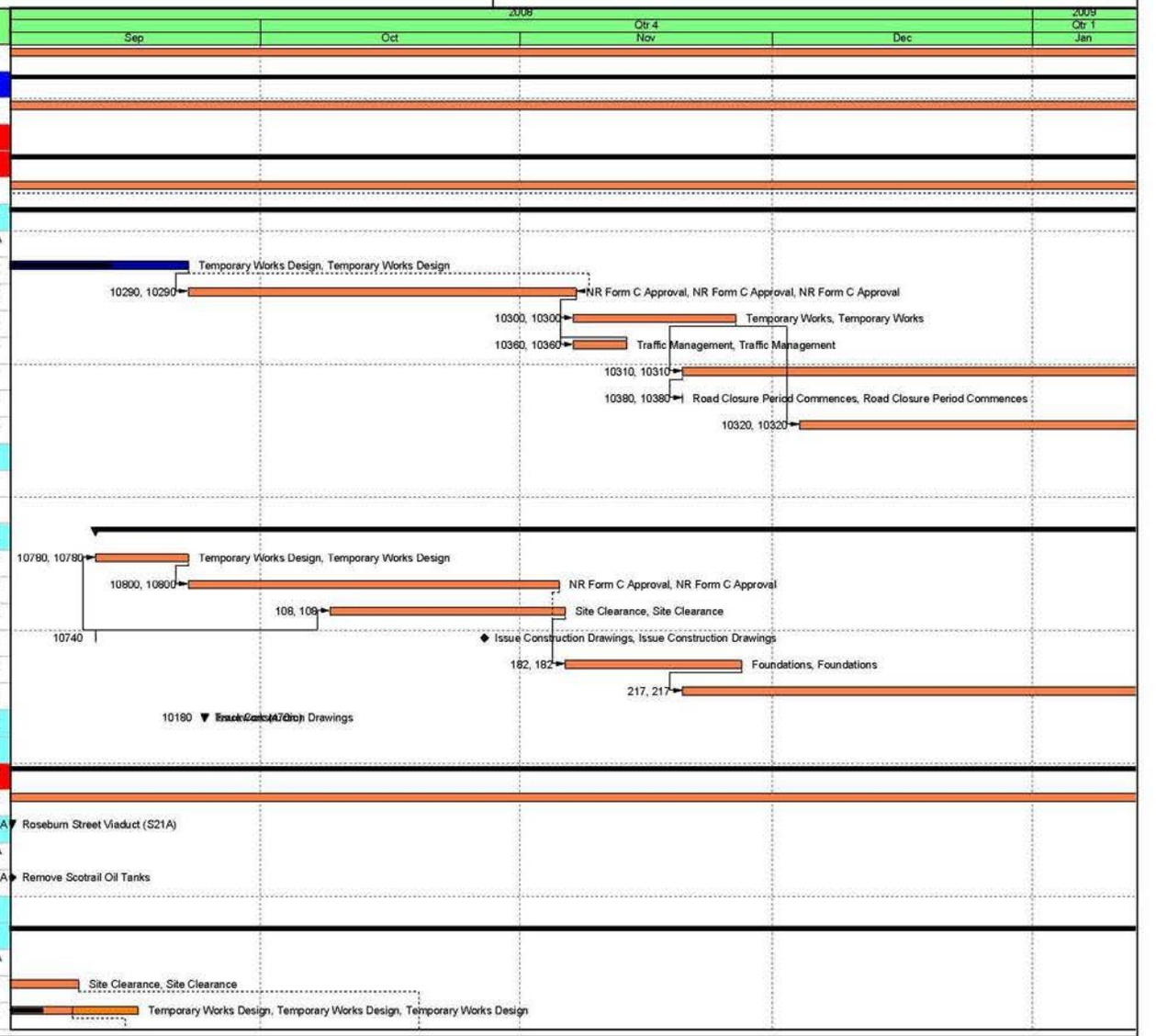
CEC01169379_0097

Four Month Look Ahead Programme

September - December 2008

EDINBURGH TRAM NETWORK

Activity ID	Activity Name	Activity % Complete	Start	Original Duration	Finish
100	Opening Sequence A (Haymarket To Granton Square)	0%	25-Jun-08 A	1316	21-Jun-11
05A Roseburn Junction (exc.) to Balgreen Road (inc.)			19-May-08 A	882	21-Jun-11
126	05A Roseburn Junction (exc.) to Balgreen Road (inc.)	0%	10-Jul-08 A	1129	21-Jun-11
E & M Installations				0	
Roseburn Junction (exc.) to Murrayfield Stadium (inc.)			30-Jun-08 A	728	15-Jun-11
102	Roseburn Junction (exc.) to Murrayfield (inc.)	0%	10-Jul-08 A	1081	15-Jun-11
Russel Road Underbridge (S20)			10-Jul-08 A	173	26-Mar-09
10270	Issue Construction Drawings	100%		0	10-Jul-08 A
10280	Temporary Works Design	80%	07-Aug-08 A	32	22-Sep-08
10290	NR Form C Approval	0%	22-Sep-08 A	35	07-Nov-08
10300	Temporary Works	0%	07-Nov-08	14	26-Nov-08
10360	Traffic Management	0%	07-Nov-08	5	13-Nov-08
10310	West Abutment and Wing Walls	0%	20-Nov-08	53	17-Feb-09
10380	Road Closure Period Commences	0%	20-Nov-08	0	20-Nov-08
10320	East Abutment and Wing Walls	0%	04-Dec-08	71	26-Mar-09
Russell Road Retaining Walls (W3 and W4)			21-Jul-08	1	22-Jul-08
10660	Issue Construction Drawings	0%		0	21-Jul-08*
10670	On Hold - Re-design	0%	21-Jul-08	1	22-Jul-08
Murrayfield Tram Stop Retaining Wall (W18)			11-Sep-08	180	10-Jun-09
10780	Temporary Works Design	0%	11-Sep-08	7	22-Sep-08
10800	NR Form C Approval	0%	22-Sep-08	33	05-Nov-08
108	Site Clearance	0%	09-Oct-08	20	06-Nov-08
10740	Issue Construction Drawings	0%		0	27-Oct-08*
182	Foundations	0%	06-Nov-08	15	27-Nov-08
217	Reinforced Earth Wall	0%	20-Nov-08	130	10-Jun-09
Trackwork (470m)			24-Sep-08	0	24-Sep-08
Murrayfield Stadium Tram Stop			30-Jun-08	0	30-Jun-08
Murrayfield Stadium (exc.) to Balgreen Road (inc.)			19-May-08 A	863	24-May-11
136	Murrayfield (exc.) to Balgreen Road (inc.)	0%	19-May-08	1101	24-May-11
Roseburn Street Viaduct (S21A)			28-Jul-08 A	24	01-Sep-08 A
10750	Issue Construction Drawings	100%		0	28-Jul-08 A
10752	Remove Scotrail Oil Tanks	100%		0	01-Sep-08 A
Murrayfield Retaining Walls (S21B)			28-Jul-08	0	28-Jul-08
Murrayfield Stadium Underpass (S21C)			28-Jul-08 A	120	28-Jan-09
10720	Issue Construction Drawings	100%		0	28-Jul-08 A
112	Site Clearance	0%	26-Aug-08	10	09-Sep-08
10731	Temporary Works Design	50%	01-Sep-08 A	15	08-Sep-08



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Actual Work
Summary
Normal
Remaining Work
Milestone
% Complete

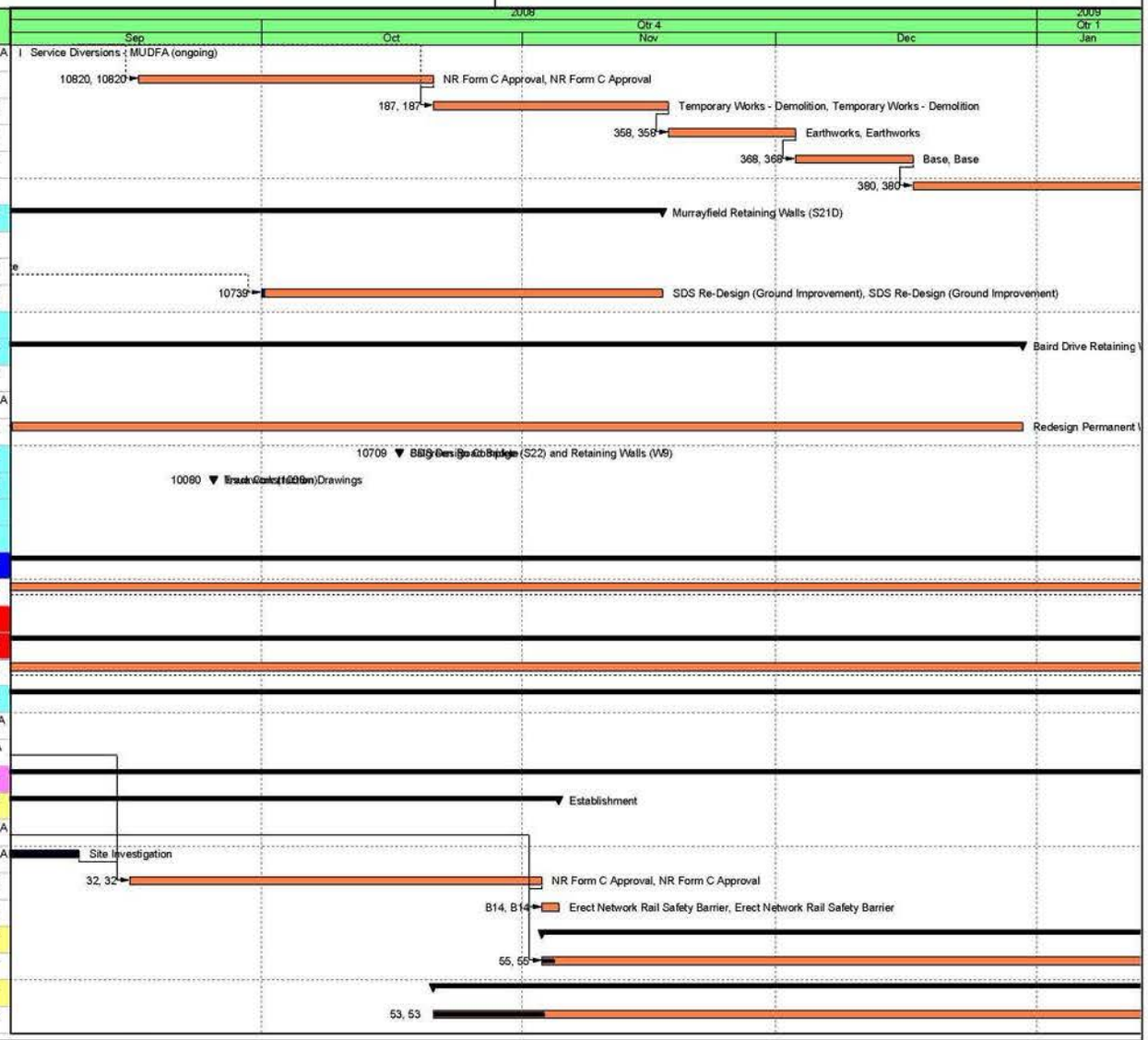
CEC01169379_0098

Four Month Look Ahead Programme

September - December 2008

EDINBURGH TRAM NETWORK

Activity ID	Activity Name	Activity % Complete	Start	Original Duration	Finish
10721	Service Diversions - MUDFA (ongoing)	100%	02-Sep-08 A	0	02-Sep-08 A
10820	NR Form C Approval	0%	16-Sep-08	35	21-Oct-08
187	Temporary Works - Demolition	0%	21-Oct-08	20	18-Nov-08
358	Earthworks	0%	18-Nov-08	10	03-Dec-08
368	Base	0%	03-Dec-08	10	17-Dec-08
380	Walls	0%	17-Dec-08	20	28-Jan-09
Murrayfield Retaining Walls (S21D)			17-Jul-08 A	175	17-Nov-08
10730	Issue Construction Drawings	0%		0	17-Jul-08*
10729	SDS Design Complete	0%		0	05-Aug-08*
10739	SDS Re-Design (Ground Improvement)	0%	01-Oct-08 A	34	17-Nov-08
Water of Leith Bridge (S21E)			28-Jul-08	0	28-Jul-08
Baird Drive Retaining Walls (W8)			19-May-08 A	152	30-Dec-08
10689	SDS Design Complete	100%		0	19-May-08 A
10690	Issue Construction Drawings	100%		0	05-Aug-08 A
10830	Redesign Permanent Works	0%	01-Sep-08*	120	30-Dec-08
Balgreen Road Bridge (S22) and Retaining Walls (W9)			17-Oct-08	0	17-Oct-08
Trackwork (1006m)			25-Sep-08	0	25-Sep-08
Balgreen Road Tram Stop			25-Jul-08	0	25-Jul-08
Jenners Depository Sub Station				0	
05B Balgreen Road (exc.) to Edinburgh Park Central (inc.)			14-Nov-07 A	742	18-Nov-10
118	05B Balgreen Road (exc.) to Edinburgh Park (inc.)	0%	25-Jun-08 A	1100	18-Nov-10
E & M Installations				0	
Balgreen Road (exc.) to Saughton Road North (inc.)			14-Nov-07 A	691	08-Sep-10
119	Balgreen Road (exc.) to Saughton Road North (inc.)	0%	14-Nov-07	1029	08-Sep-10
Carricknowe Bridge (S23)			22-Apr-08 A	226	23-Mar-09
10809	SDS Design Complete	100%		0	22-Apr-08 A
10810	Issue Construction Drawings	100%		0	14-Jul-08 A
Carrick Knowe disruptive possessions			12-Aug-08 A	149	23-Mar-09
Establishment			12-Aug-08 A	61	05-Nov-08
12	Temporary Fencing	100%	12-Aug-08 A	5	19-Aug-08 A
42	Site Investigation	100%	18-Aug-08 A	20	09-Sep-08 A
32	NR Form C Approval	0%	15-Sep-08*	35	03-Nov-08
B14	Erect Network Rail Safety Barrier	0%	03-Nov-08	2	05-Nov-08
North Abutment			03-Nov-08 A	90	23-Mar-09
55	North Abutment	1%	03-Nov-08 A	90	23-Mar-09
South Abutment			21-Oct-08 A	93	02-Mar-09
53	South Abutment	10%	21-Oct-08 A	93	02-Mar-09



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Actual Work
Summary
Normal
Remaining Work
Milestone
% Complete

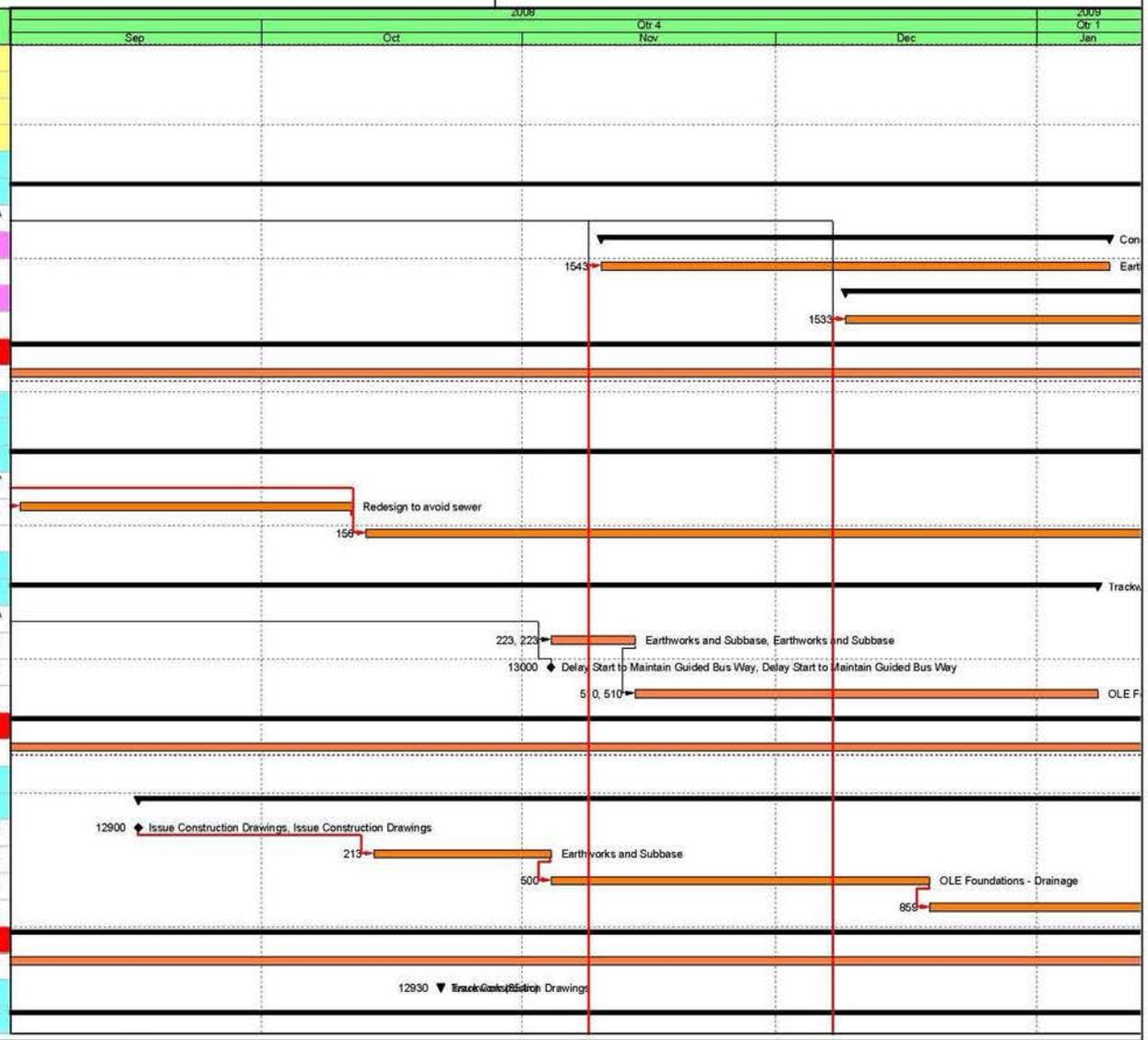
CEC01169379_0099

Four Month Look Ahead Programme

September - December 2008

EDINBURGH TRAM NETWORK

Activity ID	Activity Name	Activity % Complete	Start	Original Duration	Finish
	Superstructure			0	
	Run On Run Off Slabs			0	
	Tracklaying			0	
	M & E Works			0	
	Saughton Road North Tram Stop		16-Jun-08	0	16-Jun-08
	Trackwork (1690m)		22-Jul-08 A	118	19-Jan-09
12830	Issue Construction Drawings	100%		0	22-Jul-08 A
	Concrete Slab Track 590m		10-Nov-08	34	09-Jan-09
1543	Earthworks- Subbase	0%	10-Nov-08*	34	09-Jan-09
	Ballasted Track 1160m		09-Dec-08	20	19-Jan-09
1533	Earthworks - Subbase	0%	09-Dec-08*	20	19-Jan-09
	Saughton Road North (exc.) to Bankhead (inc.)		27-May-08 A	616	18-Nov-10
124	Saughton road North (exc.) to South Gyle Access (inc.)	0%	27-May-08	647	18-Nov-10
	Bankhead Retaining Wall (W11)		27-May-08	0	27-May-08
	Bankhead Drive Substation			0	
	South Gyle Access Bridge (S26)		27-May-08	181	19-Feb-09
12880	Issue Construction Drawings	0%		0	27-May-08*
13150	Redesign to avoid sewer	0%	02-Sep-08*	40	11-Oct-08
156	Substructure	0%	13-Oct-08	83	19-Feb-09
	Bankhead Tram Stop		14-Jul-08	0	14-Jul-08
	Trackwork (1260m)		22-Jul-08 A	110	08-Jan-09
12890	Issue Construction Drawings	100%		0	22-Jul-08 A
223	Earthworks and Subbase	0%	04-Nov-08	8	14-Nov-08
13000	Delay Start to Maintain Guided Bus Way	0%		0	04-Nov-08*
510	OLE Foundations - Drainage - Ducts	0%	14-Nov-08	28	08-Jan-09
	Bankhead (exc.) to Edinburgh Park Station (inc.)		14-Jul-08	567	27-Oct-10
130	South Gyle Access (exc.) to Edinburgh Park Station (inc.)	0%	14-Jul-08	598	27-Oct-10
	Edinburgh Park Station Tram Stop		14-Jul-08	0	14-Jul-08
	Trackwork (790m)		16-Sep-08	83	26-Jan-09
12900	Issue Construction Drawings	0%		0	16-Sep-08*
213	Earthworks and Subbase	0%	14-Oct-08	15	04-Nov-08
500	OLE Foundations - Drainage	0%	04-Nov-08	32	19-Dec-08
859	Ducts and Bottom Ballast	0%	19-Dec-08	16	26-Jan-09
	Edinburgh Park Station (exc.) to Edinburgh Park Central (inc.)		25-Jun-08 A	546	10-Sep-10
133	Edinburgh Park Station (exc.) to Edinburgh Park (inc.)	0%	25-Jun-08 A	807	10-Sep-10
	Trackwork (854m)		22-Oct-08	0	22-Oct-08
	Edinburgh Park Station Bridge (S27)		25-Jun-08 A	152	10-Feb-09



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Actual Work
Summary
Normal
Remaining Work
Milestone
% Complete

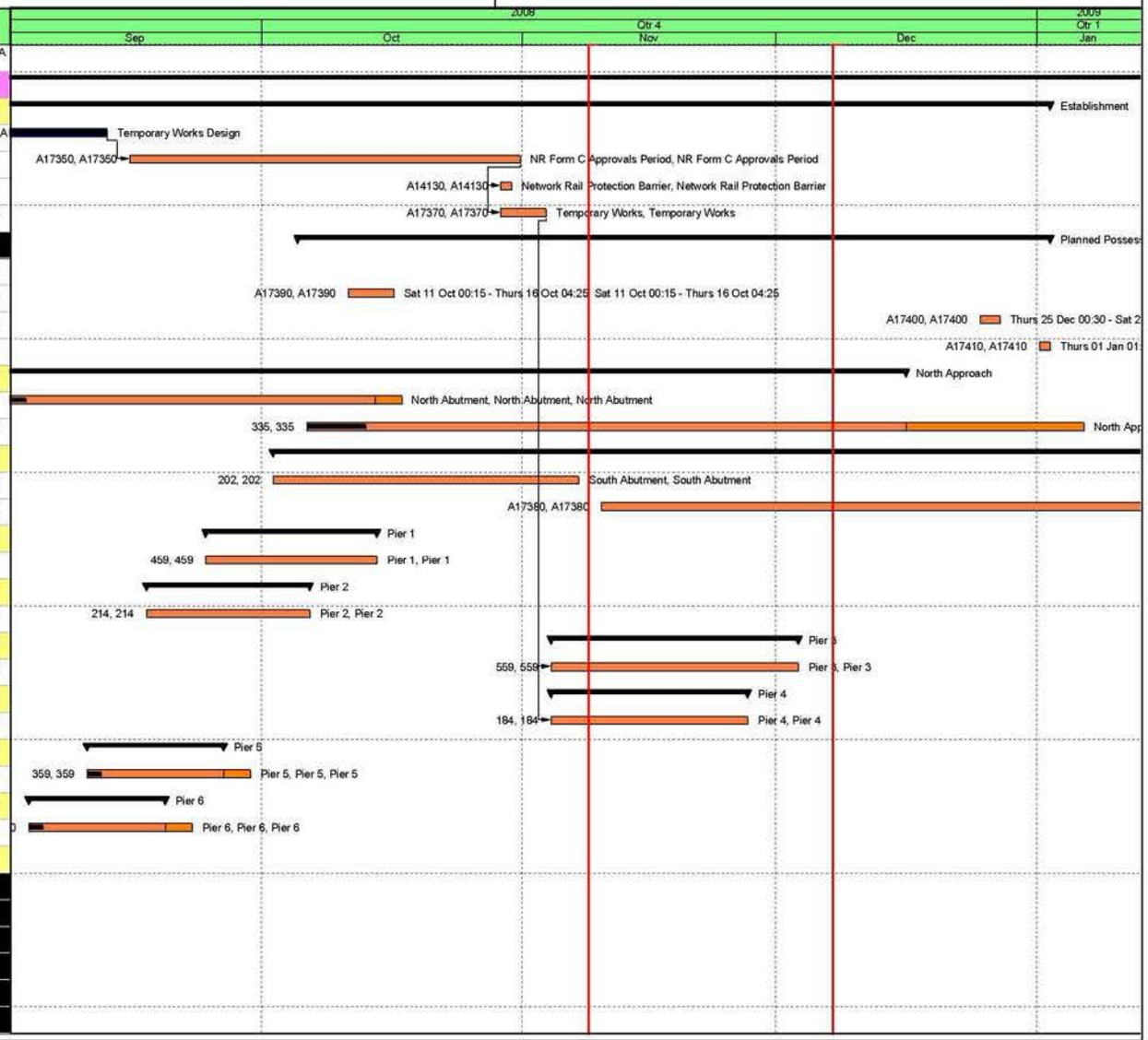
CEC01169379_0100

Four Month Look Ahead Programme

September - December 2008

EDINBURGH TRAM NETWORK

Activity ID	Activity Name	Activity % Complete	Start	Original Duration	Finish
12940	Issue Construction Drawings	100%		0	25-Jun-08 A
Edinburgh Park Station Bridge distruptive possessions			07-Aug-08 A	123	10-Feb-09
Establishment			07-Aug-08 A	96	02-Jan-09
A17340	Temporary Works Design	100%	07-Aug-08 A	27	12-Sep-08 A
A17350	NR Form C Approvals Period	0%	15-Sep-08	35	31-Oct-08
A14130	Network Rail Protection Barrier	0%	29-Oct-08	2	30-Oct-08
A17370	Temporary Works	0%	29-Oct-08	6	03-Nov-08
Planned Possessions			05-Oct-08 A	54	02-Jan-09
A17420	(All Suns 00:30 - 08:30 available)	0%	05-Oct-08 A	1	14-Nov-07
A17390	Sat 11 Oct 00:15 - Thurs 16 Oct 04:25	0%	11-Oct-08*	6	16-Oct-08
A17400	Thurs 25 Dec 00:30 - Sat 27 Dec 04:30	0%	25-Dec-08*	3	27-Dec-08
A17410	Thurs 01 Jan 01:00 - Fri 02 Jan 04:20	0%	01-Jan-09*	2	02-Jan-09
North Approach			29-Aug-08 A	82	16-Dec-08
345	North Abutment	10%	29-Aug-08 A	36	14-Oct-08
335	North Approach Ramp	10%	06-Oct-08 A	56	16-Dec-08
South Approach			02-Oct-08	83	10-Feb-09
202	South Abutment	0%	02-Oct-08*	27	07-Nov-08
A17380	South Approach Ramp	0%	10-Nov-08*	56	10-Feb-09
Pier 1			24-Sep-08	15	14-Oct-08
459	Pier 1	0%	24-Sep-08*	15	14-Oct-08
Pier 2			17-Sep-08	14	06-Oct-08
214	Pier 2	0%	17-Sep-08*	14	06-Oct-08
Pier 3			04-Nov-08	21	03-Dec-08
559	Pier 3	0%	04-Nov-08*	21	03-Dec-08
Pier 4			04-Nov-08	18	27-Nov-08
184	Pier 4	0%	04-Nov-08*	18	27-Nov-08
Pier 5			10-Sep-08 A	14	26-Sep-08
359	Pier 5	10%	10-Sep-08 A	14	26-Sep-08
Pier 6			03-Sep-08 A	14	19-Sep-08
A17360	Pier 6	10%	03-Sep-08 A	14	19-Sep-08
Superstructure				0	
Span 1 - South Ramp to Pier 1				0	
Span 2 - Pier 1 to Pier 2				0	
Span 3 - Pier 2 to Pier 3				0	
Span 4 - Pier 3 to Pier 4				0	
Span 7 - Pier 7 to North Ramp				0	
Span 5 - Pier 4 to Pier 5				0	



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Actual Work
Summary
Normal
Remaining Work
Milestone
% Complete

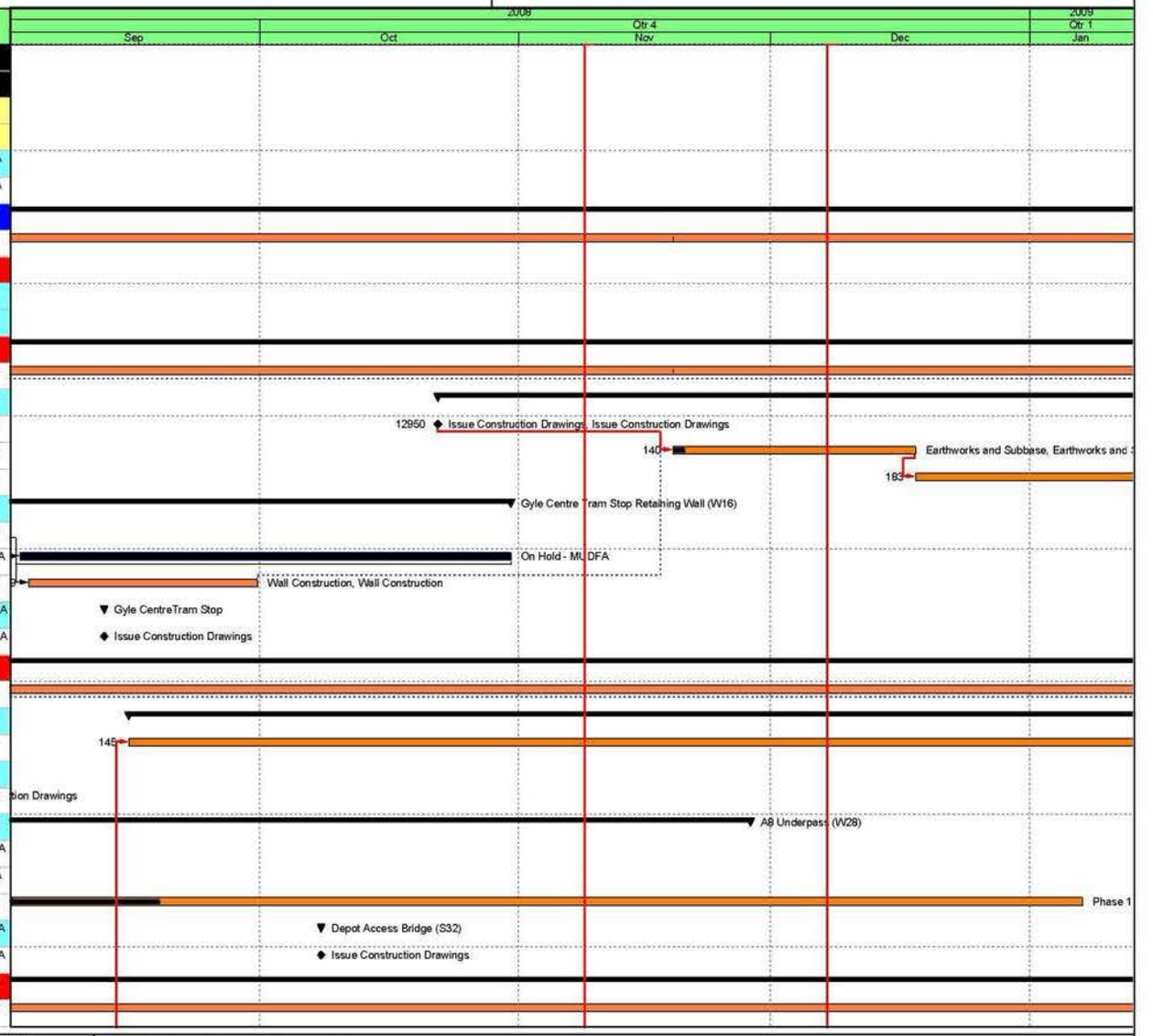
CEC01169379_0101

Four Month Look Ahead Programme

September - December 2008

EDINBURGH TRAM NETWORK

Activity ID	Activity Name	Activity % Complete	Start	Original Duration	Finish
Span 6 - Pier 5 to Pier 6				0	
Deck Finishes				0	
Trackwork				0	
M & E Works				0	
Edinburgh Park Central Tram Stop			14-Jul-08 A	0	14-Jul-08 A
12920	Issue Construction Drawings	100%		0	14-Jul-08 A
05C Edinburgh Park Central (exc.) to Gogarburn (inc.)			14-May-08 A	678	16-Feb-11
137	05C Edinburgh Park (exc.) to Gogarburn (inc.)	0%	19-Nov-08 A	1009	16-Feb-11
E & M Installations				0	
Edinburgh Park to Depot				0	
Depot to Gogarburn				0	
Edinburgh Park (exc.) to Gyle Centre (inc.)			14-May-08 A	426	09-Feb-10
138	Edinburgh Park (exc.) to Gyle (inc.)	0%	19-Nov-08 A	636	09-Feb-10
Trackwork (760m)			22-Oct-08 A	70	12-Feb-09
12950	Issue Construction Drawings	0%		0	22-Oct-08*
140	Earthworks and Subbase	5%	19-Nov-08 A	20	17-Dec-08
183	OLE Foundations - Drainage	0%	18-Dec-08	30	12-Feb-09
Gyle Centre Tram Stop Retaining Wall (W16)			14-May-08 A	98	31-Oct-08
12970	Issue Construction Drawings	100%		0	14-May-08 A
13010	On Hold - MUDFA	100%	02-Sep-08 A	1	31-Oct-08 A
139	Wall Construction	0%	03-Sep-08	20	30-Sep-08
Gyle CentreTram Stop			12-Sep-08 A	0	12-Sep-08 A
12960	Issue Construction Drawings	100%		0	12-Sep-08 A
Gyle Centre (exc.) to Depot Stop (inc.)			25-Jun-08 A	644	09-Feb-11
142	Gyle (exc.) to Depot Stop (inc.)	0%	25-Jun-08	960	09-Feb-11
A8 Retaining Walls (W16)			15-Sep-08	95	09-Feb-09
145	Soil Nailing - Deleted	0%	15-Sep-08	95	09-Feb-09
Trackwork (562m)			05-Aug-08	0	05-Aug-08
10590	Issue Construction Drawings	0%		0	05-Aug-08*
A8 Underpass (W28)			25-Jun-08 A	128	28-Nov-08
12059	SDS Design Complete	100%		0	25-Jun-08 A
12980	Issue Construction Drawings	100%		0	30-Jul-08 A
143	Phase 1	20%	01-Sep-08 A	81	28-Nov-08
Depot Access Bridge (S32)			08-Oct-08 A	0	08-Oct-08 A
12990	Issue Construction Drawings	100%		0	08-Oct-08 A
Depot Stop (exc.) to Gogarburn (inc.)			05-Aug-08	444	27-May-10
147	Depot Stop (exc.) to Gogarburn (inc.)	0%	05-Aug-08	660	27-May-10



Date	Revision	Chec...	Approved
29-Aug-08		SCS	
05-Sep-08	Converted to 4 mo Look Ahead Sept - Dec 2008	JAC	
19-Sep-08	S29 Package Contractor's Section Updated	JAC	
30-Sep-08	Leith Walk updated for Period 7 Progress Report	JAC	
28-Oct-08	Progress and IFCs updated	JAC	

Actual Work
Summary
Normal
Remaining Work
Milestone
% Complete

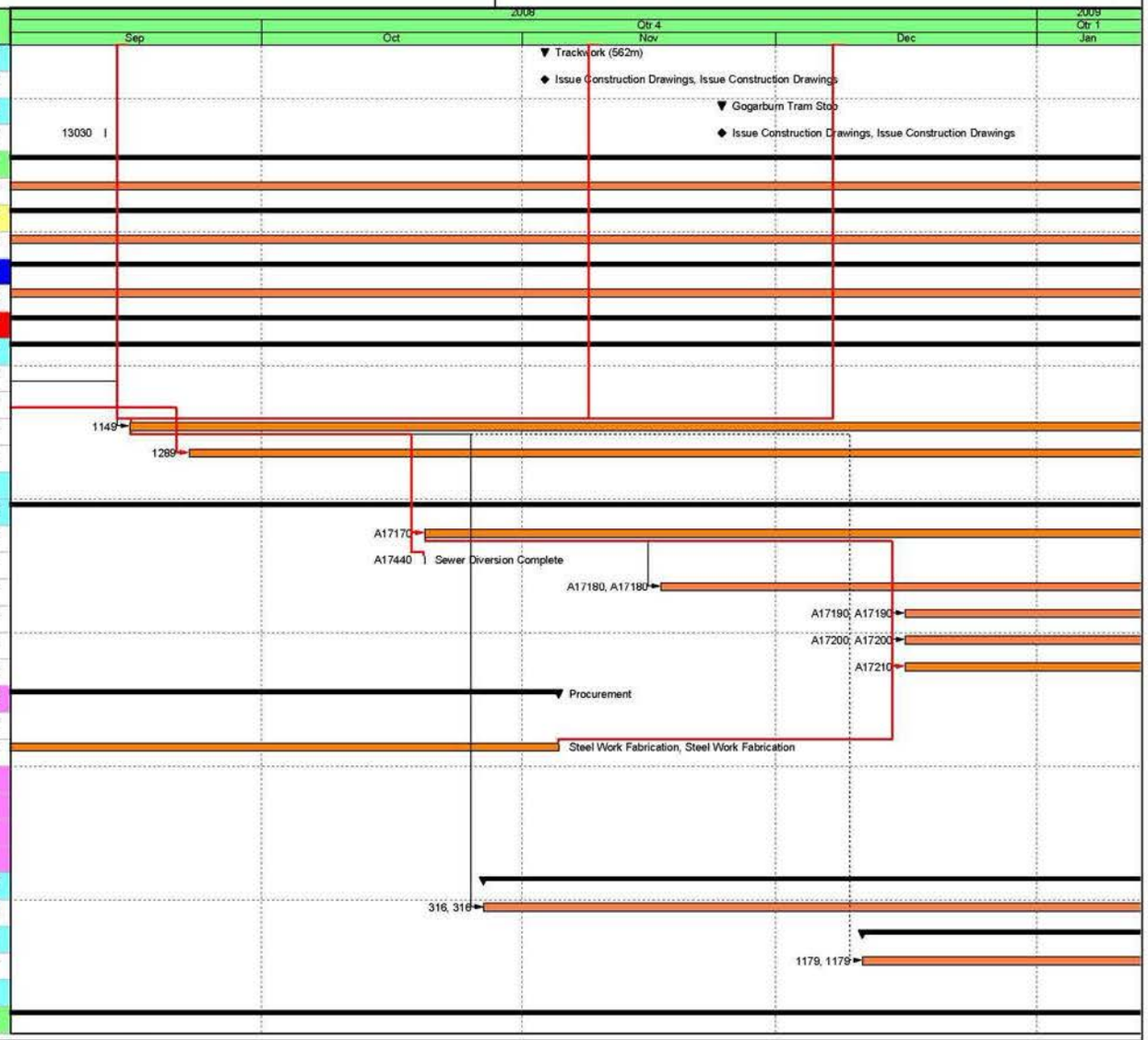
CEC01169379_0102

Four Month Look Ahead Programme

September - December 2008

EDINBURGH TRAM NETWORK

Activity ID	Activity Name	Activity % Complete	Start	Original Duration	Finish
Trackwork (562m)			03-Nov-08	0	03-Nov-08
13020	Issue Construction Drawings	0%		0	03-Nov-08*
Gogarburn Tram Stop			24-Nov-08	0	24-Nov-08
13030	Issue Construction Drawings	0%		0	24-Nov-08*
SECTION O6 GOGAR DEPOT			30-May-08 A	553	26-Aug-10
150	SECTION O6 GOGAR DEPOT	0%	30-May-08	818	26-Aug-10
Opening Sequence A (Airport to Haymarket)			30-May-08 A	553	26-Aug-10
151	Opening Sequence A (Airport to Haymarket)	0%	30-May-08	818	26-Aug-10
06A Gogar Depot			30-May-08 A	553	26-Aug-10
152	06A Gogar Depot	0%	30-May-08	818	26-Aug-10
Depot			30-May-08 A	245	28-May-09
Earthworks			30-May-08 A	170	09-Feb-09
13130	Issue Construction Drawings Earthworks	100%		0	30-May-08 A
13140	Issue Construction Drawings Drainage	0%		0	30-Jun-08*
1149	Earth Works	0%	15-Sep-08*	95	09-Feb-09
1289	Drainage and Outfall	0%	22-Sep-08	90	09-Feb-09
Trackwork (3492m)				0	
Depot Building			25-Jun-08 A	212	06-May-09
A17170	Foundations	0%	20-Oct-08	55	19-Jan-09
A17440	Sewer Diversion Complete	0%	20-Oct-08	0	20-Oct-08
A17180	Substructure and Superstructure (Steelwork)	0%	17-Nov-08	50	09-Feb-09
A17190	Pits	0%	16-Dec-08	40	23-Feb-09
A17200	Substructure and Superstructure	0%	16-Dec-08	60	23-Mar-09
A17210	Building Envelope	0%	16-Dec-08	90	06-May-09
Procurement			25-Jun-08 A	94	05-Nov-08
1158	Issue Construction Drawings	0%		0	25-Jun-08*
1159	Steel Work Fabrication	0%	07-Aug-08 A	64	05-Nov-08
Building Services				0	
Fitting Out & Finishes				0	
E & M Workshop Equipment Installation				0	
Inspection & Handover				0	
Depot Substation			27-Oct-08	140	28-May-09
316	Civil Engineering and Building Works	0%	27-Oct-08	140	28-May-09
Access Roads			11-Dec-08	45	26-Feb-09
1179	North Side	0%	11-Dec-08*	45	26-Feb-09
E & M Installations				0	
SECTION 07 GOGAR TO EDINBURGH AIRPORT			25-Feb-08 A	653	13-Oct-10



Date	Revision	Chec...	Approved
29-Aug-08		SCS	
05-Sep-08	Converted to 4 mo Look Ahead Sept - Dec 2008	JAC	
19-Sep-08	S29 Package Contractor's Section Updated	JAC	
30-Sep-08	Leith Walk updated for Period 7 Progress Report	JAC	
28-Oct-08	Progress and IFCs updated	JAC	

Actual Work
Normal
Remaining Work
Milestone
% Complete
Summary

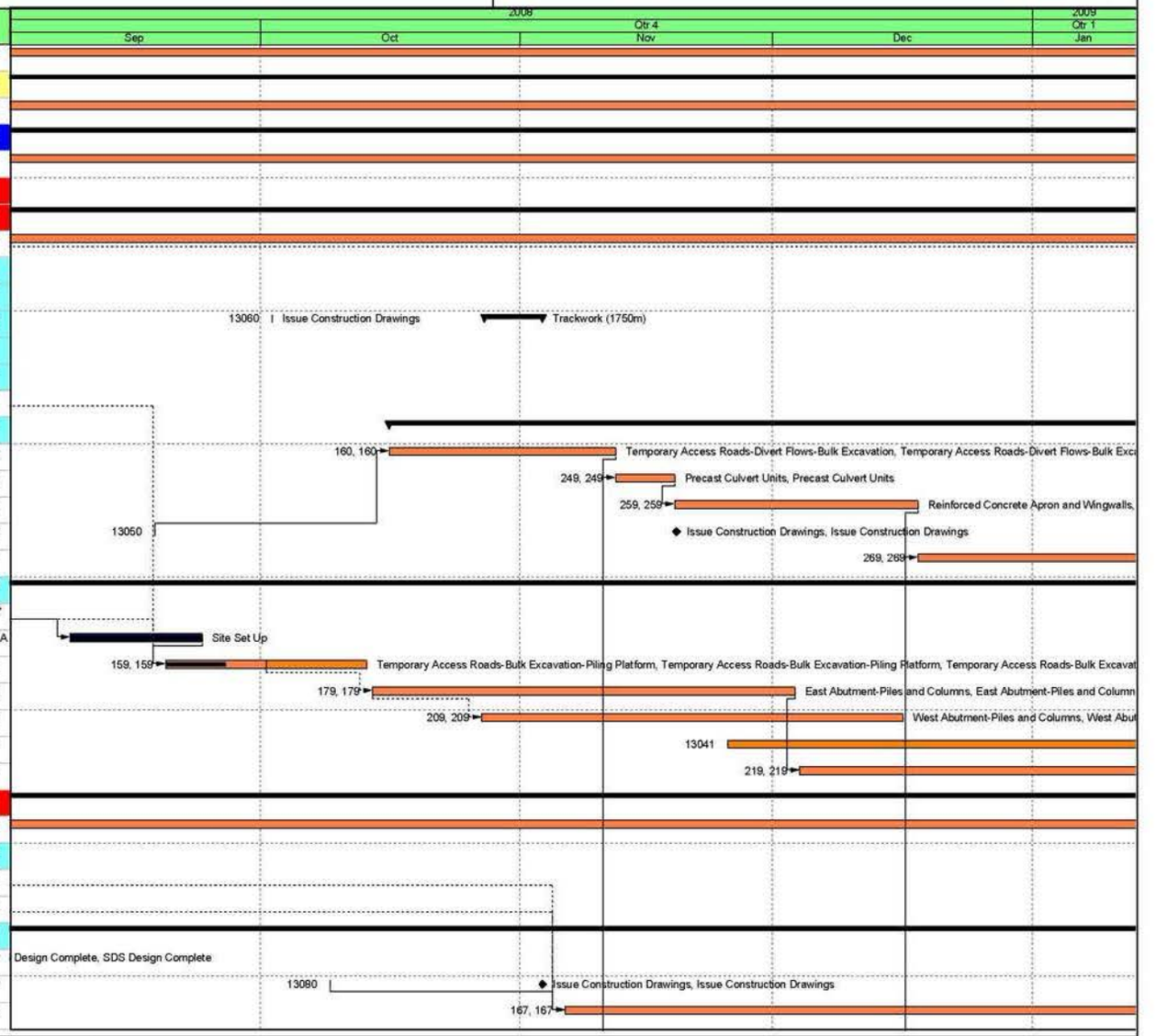
CEC01169379_0103

Four Month Look Ahead Programme

September - December 2008

EDINBURGH TRAM NETWORK

Activity ID	Activity Name	Activity % Complete	Start	Original Duration	Finish
155	SECTION 07 GOGAR TO EDINBURGH AIRPORT	0%	25-Feb-08	961	13-Oct-10
Opening Sequence A (Airport to Haymarket)			25-Feb-08 A	653	13-Oct-10
186	Opening Sequence A (Airport to Haymarket)	0%	25-Feb-08	961	13-Oct-10
07A Gogarburn (exc.) to Edinburgh Airport (inc.)			25-Feb-08 A	653	13-Oct-10
157	07A Gogarburn (exc.) to Edinburgh Airport (inc.)	0%	25-Feb-08	961	13-Oct-10
E & M Installations				0	
Gogarburn (exc.) to Inglishton Park & Ride (inc.)			25-Feb-08 A	649	07-Oct-10
158	Gogarburn (exc.) to Inglishton Park & Ride (inc.)	0%	25-Feb-08	955	07-Oct-10
Ingliston Park and Ride Tram Stop				0	
Tram				0	
Trackwork (1750m)			27-Oct-08	5	03-Nov-08
Ingliston Park and Ride Substation				0	
Enabling Works			03-Mar-08	28	10-Apr-08
A2000	Site and Vegetation Clearance	0%	03-Mar-08	28	10-Apr-08
Gogarburn Culvert No1 (S30)			16-Oct-08	55	16-Jan-09
160	Temporary Access Roads-Divert Flows-Bulk Excavation	0%	16-Oct-08	19	12-Nov-08
249	Precast Culvert Units	0%	12-Nov-08	5	19-Nov-08
259	Reinforced Concrete Apron and Wingwalls	0%	19-Nov-08	20	18-Dec-08
13050	Issue Construction Drawings	0%		0	19-Nov-08*
269	Backfill and Finishes	0%	18-Dec-08	11	16-Jan-09
Gogarburn Underbridge (S29)			15-May-08 A	253	26-May-09
13040	Issue Construction Drawings	0%		0	15-May-08*
13051	Site Set Up	100%	08-Sep-08 A	10	24-Sep-08 A
159	Temporary Access Roads-Bulk Excavation-Piling Platform	60%	19-Sep-08 A	20	01-Oct-08
179	East Abutment-Piles and Columns	0%	14-Oct-08	36	03-Dec-08
209	West Abutment-Piles and Columns	0%	27-Oct-08*	36	16-Dec-08
13041	Treat area of contaminated land (Dummy duration)	0%	25-Nov-08*	130	26-May-09
219	East Abutment	0%	04-Dec-08	20	14-Jan-09
Ingliston Park & Ride (exc.) to Edinburgh Airport (inc.)			03-Mar-08	648	13-Oct-10
164	Ingliston Park & Ride (exc.) to Edinburgh Airport (inc.)	0%	03-Mar-08	954	13-Oct-10
Enabling Works			03-Mar-08	72	13-Jun-08
A1930	Site and Vegetation Clearance	0%	03-Mar-08	28	10-Apr-08
A1920	Construct New Hotel Car Park	0%	16-May-08	20	13-Jun-08
Gogarburn Retaining Wall (W14)			28-Aug-08	130	13-Mar-09
12079	SDS Design Complete	0%		0	28-Aug-08*
13080	Issue Construction Drawings	0%		0	03-Nov-08*
167	Gogarburn Retaining Wall (W14)	0%	06-Nov-08	80	13-Mar-09



Date	Revision	Chec...	Approved
29-Aug-08		SCS	
05-Sep-08	Converted to 4 mo Look Ahead Sept - Dec 2008	JAC	
19-Sep-08	S29 Package Contractor's Section Updated	JAC	
30-Sep-08	Leith Walk updated for Period 7 Progress Report	JAC	
28-Oct-08	Progress and IFCs updated	JAC	

Actual Work
Summary
Normal
Remaining Work
Milestone
% Complete

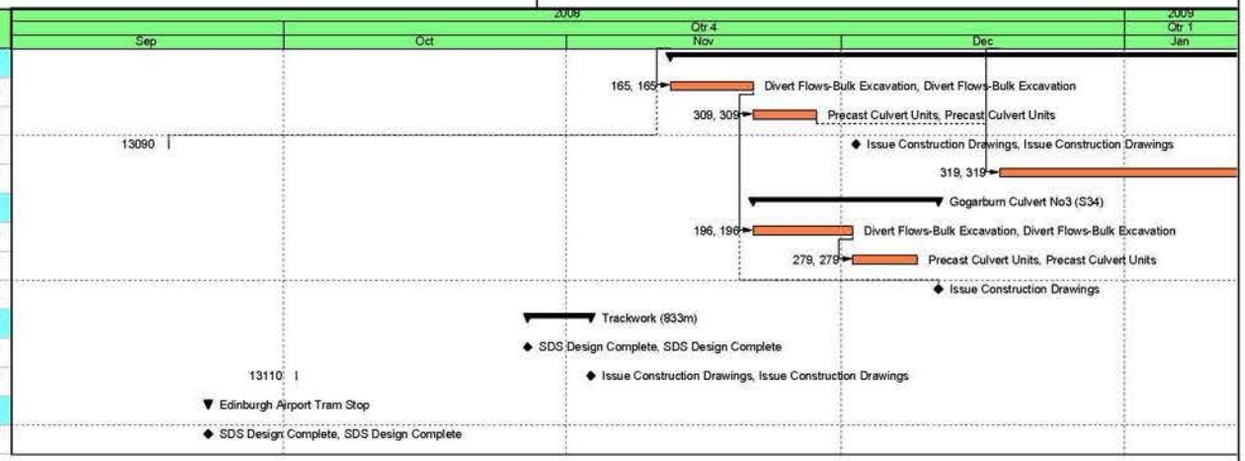
CEC01169379_0104

Four Month Look Ahead Programme

September - December 2008

EDINBURGH TRAM NETWORK

Activity ID	Activity Name	Activity % Complete	Start	Original Duration	Finish
Gogarburn Culvert No2 (S31)			12-Nov-08	45	29-Jan-09
165	Divert Flows-Bulk Excavation	0%	12-Nov-08	7	21-Nov-08
309	Precast Culvert Units	0%	21-Nov-08	5	28-Nov-08
13090	Issue Construction Drawings	0%		0	02-Dec-08*
319	Reinforced Concrete Apron and Wingwalls	0%	18-Dec-08	20	29-Jan-09
Gogarburn Culvert No3 (S34)			21-Nov-08	14	11-Dec-08
196	Divert Flows-Bulk Excavation	0%	21-Nov-08	6	02-Dec-08
279	Precast Culvert Units	0%	02-Dec-08	5	09-Dec-08
13100	Issue Construction Drawings	0%		0	11-Dec-08*
Trackwork (833m)			27-Oct-08	5	03-Nov-08
12109	SDS Design Complete	0%		0	27-Oct-08*
13110	Issue Construction Drawings	0%		0	03-Nov-08*
Edinburgh Airport Tram Stop			22-Sep-08	0	22-Sep-08
12069	SDS Design Complete	0%		0	22-Sep-08*



Date	Revision	Chec...	Approved
29-Aug-08		scs	
05-Sep-08	Converted to 4 mo Look Ahead Sept - Dec 2008	JAC	
19-Sep-08	S29 Package Contractor's Section Updated	JAC	
30-Sep-08	Leith Walk updated for Period 7 Progress Report	JAC	
28-Oct-08	Progress and IFCs updated	JAC	

Actual Work
Summary
Normal
Remaining Work
Milestone
% Complete

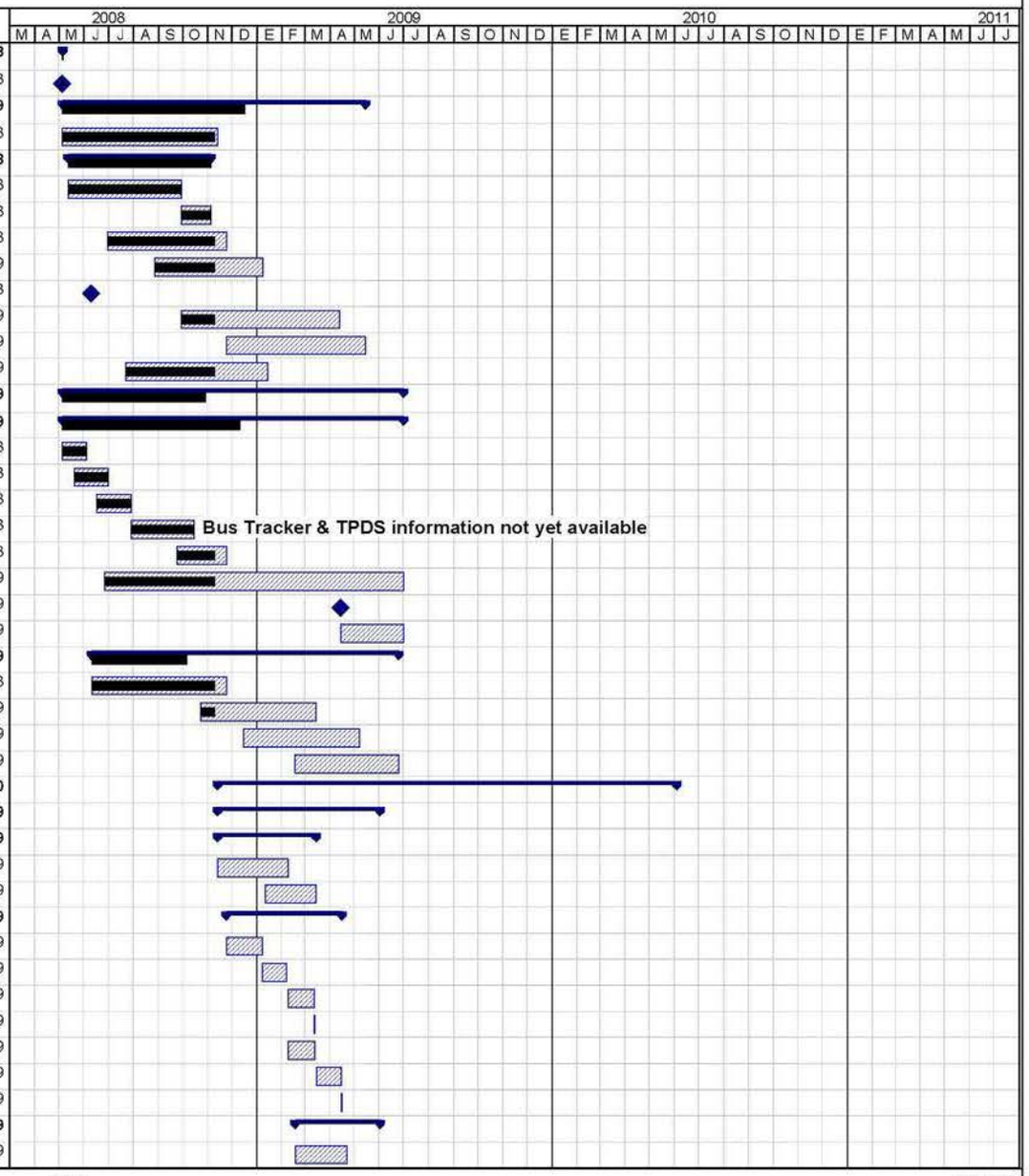
CEC01169379_0105

10.4 Tram Programme

SUPPLY OF 27 TRAMS FOR THE EDINBURGH TRAM NETWORK

PROJECT PLANNING up to 8 of November

Id	Name	%	Start	Finish
1	**GENERAL**	**100%**	**06/05/08**	**06/05/08**
2	NTP	100%	06/05/08	06/05/08
3	**ENGINEERING**	**60%**	**06/05/08**	**15/05/09**
4	BASIC ENGINEERING	97%	06/05/08	13/11/08
5	**MOCK-UP**	**100%**	**13/05/08**	**05/11/08**
6	DESIGN & MANUFACTURING MOCK-UP	100%	13/05/08	29/09/08
7	APPROVAL MOCK-UP	100%	30/09/08	05/11/08
8	UNDERFRAME DESIGN	87%	01/07/08	24/11/08
9	CARBODY DESIGN	61%	28/08/08	08/01/09
10	LIST OF STEEL MATERIALS	100%	11/06/08	11/06/08
11	INSTALLATIONS DESIGN	11%	30/09/08	13/04/09
12	INTERIORS & FINISHING DESIGN	0%	25/11/08	15/05/09
13	BOGIES DESIGN	61%	23/07/08	15/01/09
14	**1st TRAMSET PROCUREMENT**	**40%**	**06/05/08**	**01/07/09**
15	**SYSTEMS**	**51%**	**06/05/08**	**01/07/09**
16	SPECIFICATIONS	100%	06/05/08	04/06/08
17	SELECTION OF SUPPLIERS	100%	21/05/08	01/07/08
18	ORDERS	100%	17/06/08	29/07/08
19	INTERFACE 1- Systems Interface Basic Definition	100%	30/07/08	15/10/08
20	INTERFACE 2- Systems Interface Complete Definition	74%	25/09/08	24/11/08
21	MANUFACTURING & PURCHASING & TESTING	33%	27/06/08	01/07/09
22	DELIVERY PREASSEMBLIES COMPONENTS	0%	15/04/09	15/04/09
23	DELIVERY FIRST EQUIPMENT	0%	15/04/09	01/07/09
24	**OTHERS COMPONENTS & MATERIALS**	**27%**	**11/06/08**	**25/06/09**
25	STEEL MATERIALS	89%	11/06/08	24/11/08
26	CARBODY COMPONETNS	12%	24/10/08	16/03/09
27	INSTALATIONS COMPONENTS	0%	16/12/08	08/05/09
28	INTERIORS & FINISHING COMPONENTS	0%	17/02/09	25/06/09
29	**1st TRAM MANUFACTURING & TESTING**	**0%**	**14/11/08**	**04/06/10**
30	**BODYSHELLS MANUFACTURING**	**0%**	**14/11/08**	**02/06/09**
31	**JIGS & TOOLING MANUFACTURING**	**0%**	**14/11/08**	**16/03/09**
32	FRAME TOOLING	0%	14/11/08	09/02/09
33	BODYSHELL TOOLING	0%	12/01/09	16/03/09
34	**1st BODYSHELL MANUFACTURING**	**0%**	**25/11/08**	**16/04/09**
35	FIRST PIECES LOT	0%	25/11/08	07/01/09
36	FRAME'S SUBASSEMBLIES	0%	08/01/09	06/02/09
37	FRAME ASSEMBLY & WELDING	0%	09/02/09	12/03/09
38	FRAME FAI	0%	13/03/09	13/03/09
39	BODYSHELL'S SUBASSEMBLIES	0%	09/02/09	13/03/09
40	BODYSHELL ASSEMBLY & WELDING	0%	16/03/09	15/04/09
41	BODYSHELL FAI	0%	16/04/09	16/04/09
42	**REMAINING BODYSHELLS MANUFACTURING**	**0%**	**18/02/09**	**02/06/09**
43	2nd BODYSHELL MANUFACTURING	0%	18/02/09	22/04/09

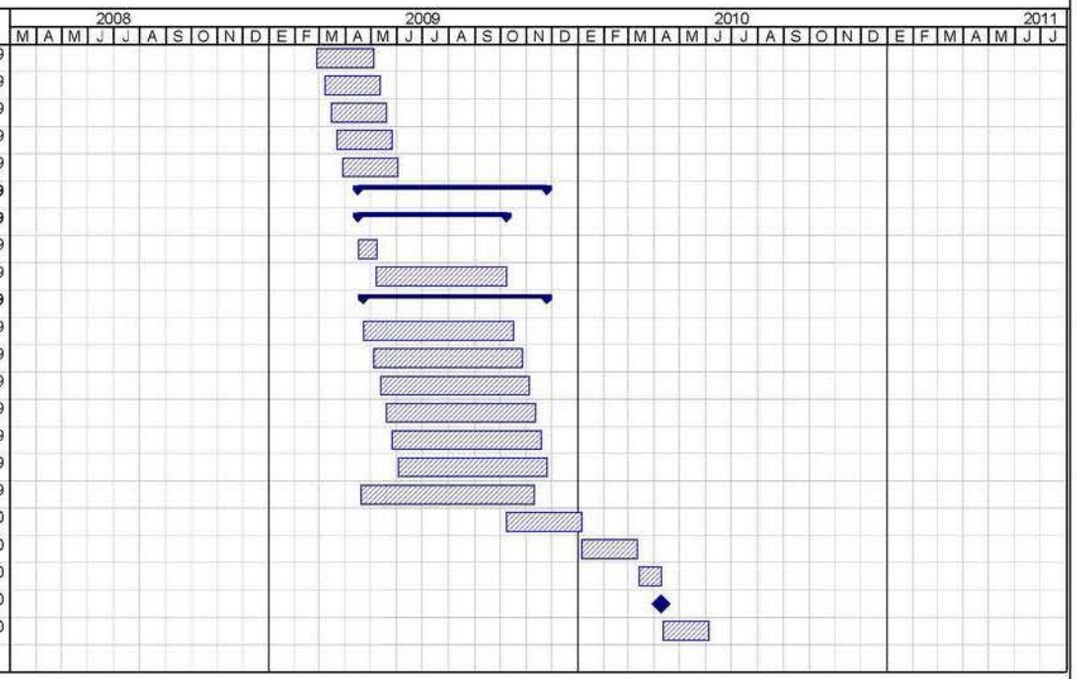


CEC01169379_0107

SUPPLY OF 27 TRAMS FOR THE EDINBURGH TRAM NETWORK

PROJECT PLANNING up to 8 of November

Id	Name	%	Start	Finish
44	3rd BODYSHELL MANUFACTURING	0%	27/02/09	04/05/09
45	4th BODYSHELL MANUFACTURING	0%	09/03/09	12/05/09
46	5th BODYSHELL MANUFACTURING	0%	16/03/09	19/05/09
47	6th BODYSHELL MANUFACTURING	0%	23/03/09	26/05/09
48	7th BODYSHELL MANUFACTURING	0%	30/03/09	02/06/09
49	**FINISHING**	**0%**	**17/04/09**	**25/11/09**
50	**1st MODULE FINISHING**	**0%**	**17/04/09**	**08/10/09**
51	PAINTING	0%	17/04/09	08/05/09
52	FINISHING	0%	08/05/09	08/10/09
53	**REMAINING MODULES FINISHING**	**0%**	**23/04/09**	**25/11/09**
54	2nd MODULE FINISHING	0%	23/04/09	16/10/09
55	3rd MODULE FINISHING	0%	05/05/09	27/10/09
56	4th MODULE FINISHING	0%	13/05/09	04/11/09
57	5th MODULE FINISHING	0%	20/05/09	11/11/09
58	6th MODULE FINISHING	0%	27/05/09	18/11/09
59	7th MODULE FINISHING	0%	03/06/09	25/11/09
60	**1st TRAMSET BOGIES MANUFACTURING**	0%	20/04/09	10/11/09
61	**1st TRAM FACTORY TESTS**	0%	09/10/09	05/01/10
62	**1st TRAM DYNAMIC TESTS**	0%	06/01/10	12/03/10
63	**1st TRAM TRANSPORT**	0%	15/03/10	09/04/10
64	**DELIVERY OF THE 1st TRAM**	0%	09/04/10	09/04/10
65	**COMMISSIONING OF THE 1st TRAM**	0%	12/04/10	04/06/10
66				

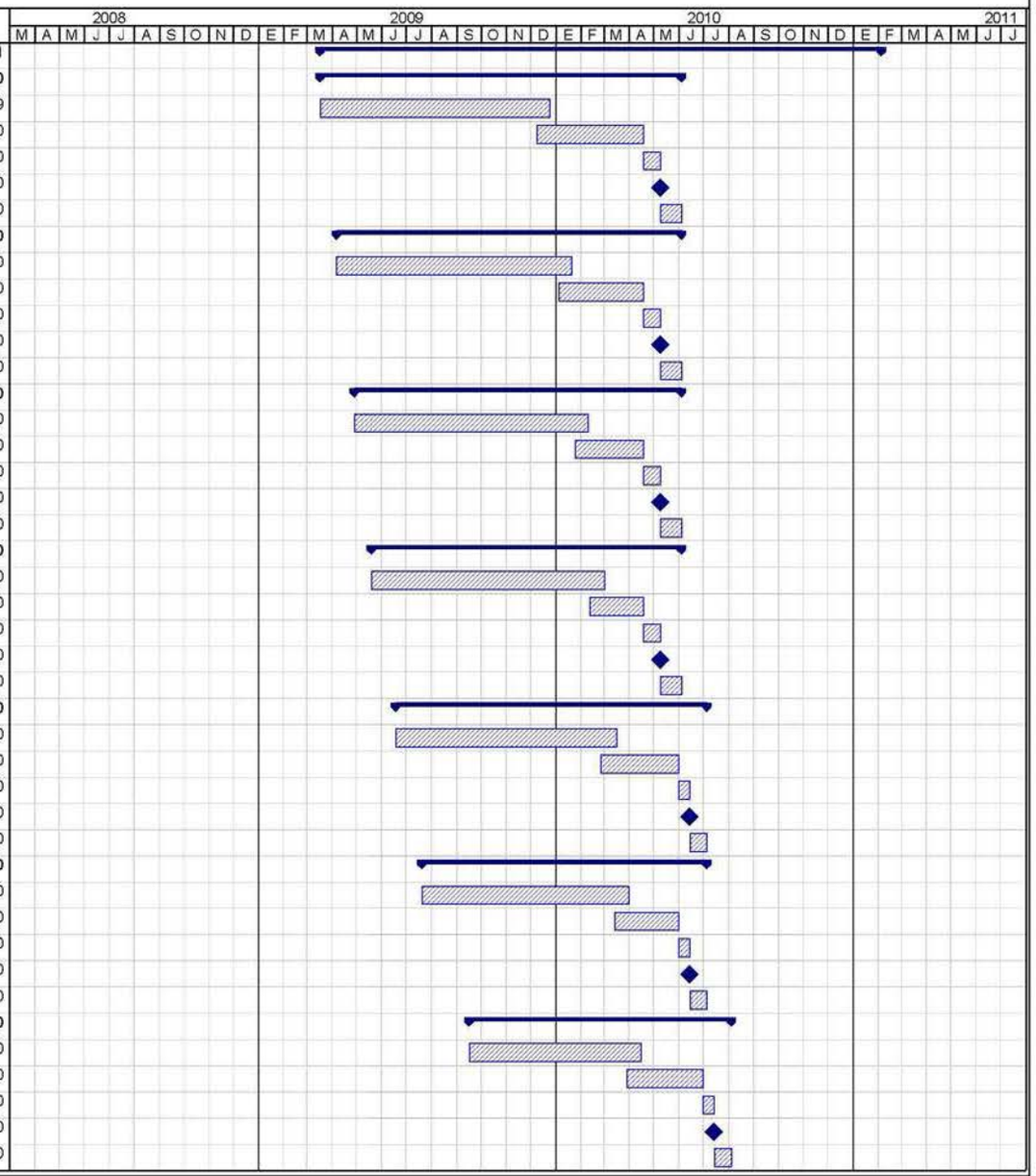


CEC01169379_0108

SUPPLY OF 27 TRAMS FOR THE EDINBURGH TRAM NETWORK

PROJECT PLANNING up to 8 of November

Id	Name	%	Start	Finish
67	**REMAINING TRAM's**	**0%**	**18/03/09**	**04/02/11**
68	**2nd Tram**	**0%**	**18/03/09**	**04/06/10**
69	BODYSHELLS MANUFACTURING & FINISHING	0%	18/03/09	24/12/09
70	FACTORY & DYNAMIC TESTS	0%	09/12/09	19/04/10
71	TRANSPORT	0%	19/04/10	10/05/10
72	DELIVERY OF THE TRAM	0%	10/05/10	10/05/10
73	COMMISSIONING OF THE TRAM	0%	10/05/10	04/06/10
74	**3rd Tram**	**0%**	**07/04/09**	**04/06/10**
75	BODYSHELLS MANUFACTURING & FINISHING	0%	07/04/09	20/01/10
76	FACTORY & DYNAMIC TESTS	0%	05/01/10	19/04/10
77	TRANSPORT	0%	19/04/10	10/05/10
78	DELIVERY OF THE TRAM	0%	10/05/10	10/05/10
79	COMMISSIONING OF THE TRAM	0%	10/05/10	04/06/10
80	**4th Tram**	**0%**	**29/04/09**	**04/06/10**
81	BODYSHELLS MANUFACTURING & FINISHING	0%	29/04/09	09/02/10
82	FACTORY & DYNAMIC TESTS	0%	25/01/10	19/04/10
83	TRANSPORT	0%	19/04/10	10/05/10
84	DELIVERY OF THE TRAM	0%	10/05/10	10/05/10
85	COMMISSIONING OF THE TRAM	0%	10/05/10	04/06/10
86	**5th Tram**	**0%**	**20/05/09**	**04/06/10**
87	BODYSHELLS MANUFACTURING & FINISHING	0%	20/05/09	01/03/10
88	FACTORY & DYNAMIC TESTS	0%	12/02/10	19/04/10
89	TRANSPORT	0%	19/04/10	10/05/10
90	DELIVERY OF THE TRAM	0%	10/05/10	10/05/10
91	COMMISSIONING OF THE TRAM	0%	10/05/10	04/06/10
92	**6th Tram**	**0%**	**19/06/09**	**05/07/10**
93	BODYSHELLS MANUFACTURING & FINISHING	0%	19/06/09	16/03/10
94	FACTORY TESTS	0%	26/02/10	01/06/10
95	TRANSPORT	0%	01/06/10	15/06/10
96	DELIVERY OF THE TRAM	0%	15/06/10	15/06/10
97	COMMISSIONING OF THE TRAM	0%	15/06/10	05/07/10
98	**7th Tram**	**0%**	**21/07/09**	**05/07/10**
99	BODYSHELLS MANUFACTURING & FINISHING	0%	21/07/09	31/03/10
100	FACTORY TESTS	0%	15/03/10	01/06/10
101	TRANSPORT	0%	01/06/10	15/06/10
102	DELIVERY OF THE TRAM	0%	15/06/10	15/06/10
103	COMMISSIONING OF THE TRAM	0%	15/06/10	05/07/10
104	**8th Tram**	**0%**	**17/09/09**	**04/08/10**
105	BODYSHELLS MANUFACTURING & FINISHING	0%	17/09/09	15/04/10
106	FACTORY TESTS	0%	30/03/10	01/07/10
107	TRANSPORT	0%	01/07/10	15/07/10
108	DELIVERY OF THE TRAM	0%	15/07/10	15/07/10
109	COMMISSIONING OF THE TRAM	0%	15/07/10	04/08/10



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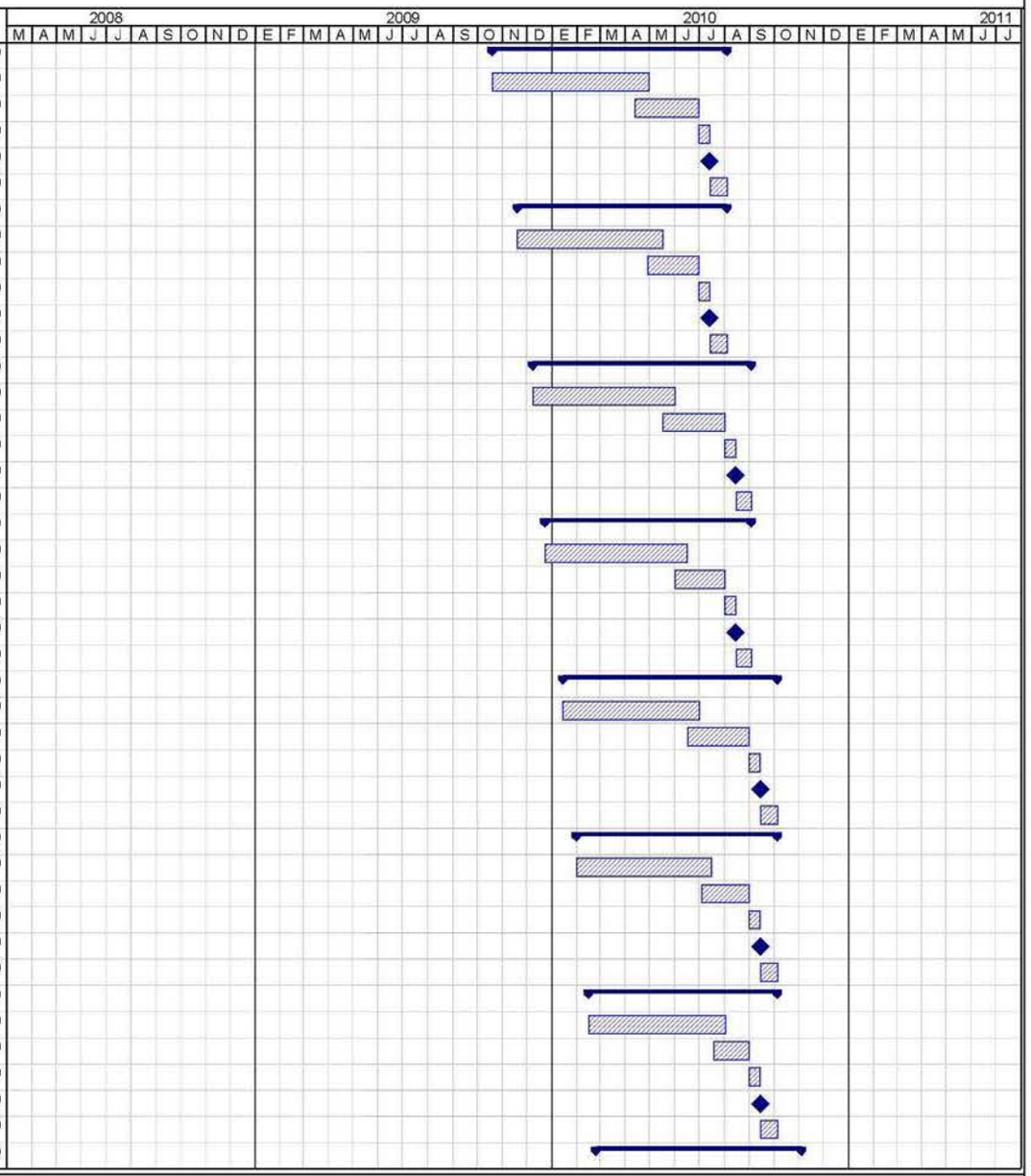
SUPPLY OF 27 TRAMS FOR THE EDINBURGH TRAM NETWORK

PROJECT PLANNING up to 8 of November

Id	Name	%	Start	Finish
110	**9th Tram**	**0%**	**20/10/09**	**04/08/10**
111	BODYSHELLS MANUFACTURING & FINISHING	0%	20/10/09	30/04/10
112	FACTORY TESTS	0%	14/04/10	01/07/10
113	TRANSPORT	0%	01/07/10	15/07/10
114	DELIVERY OF THE TRAM	0%	15/07/10	15/07/10
115	COMMISSIONING OF THE TRAM	0%	15/07/10	04/08/10
116	**10th Tram**	**0%**	**20/11/09**	**04/08/10**
117	BODYSHELLS MANUFACTURING & FINISHING	0%	20/11/09	17/05/10
118	FACTORY TESTS	0%	29/04/10	01/07/10
119	TRANSPORT	0%	01/07/10	15/07/10
120	DELIVERY OF THE TRAM	0%	15/07/10	15/07/10
121	COMMISSIONING OF THE TRAM	0%	15/07/10	04/08/10
122	**11th Tram**	**0%**	**09/12/09**	**03/09/10**
123	BODYSHELLS MANUFACTURING & FINISHING	0%	09/12/09	01/06/10
124	FACTORY TESTS	0%	18/05/10	02/08/10
125	TRANSPORT	0%	02/08/10	16/08/10
126	DELIVERY OF THE TRAM	0%	16/08/10	16/08/10
127	COMMISSIONING OF THE TRAM	0%	16/08/10	03/09/10
128	**12th Tram**	**0%**	**24/12/09**	**03/09/10**
129	BODYSHELLS MANUFACTURING & FINISHING	0%	24/12/09	16/06/10
130	FACTORY TESTS	0%	02/06/10	02/08/10
131	TRANSPORT	0%	02/08/10	16/08/10
132	DELIVERY OF THE TRAM	0%	16/08/10	16/08/10
133	COMMISSIONING OF THE TRAM	0%	16/08/10	03/09/10
134	**13rh Tram**	**0%**	**15/01/10**	**05/10/10**
135	BODYSHELLS MANUFACTURING & FINISHING	0%	15/01/10	01/07/10
136	FACTORY TESTS	0%	18/06/10	01/09/10
137	TRANSPORT	0%	01/09/10	15/09/10
138	DELIVERY OF THE TRAM	0%	15/09/10	15/09/10
139	COMMISSIONING OF THE TRAM	0%	15/09/10	05/10/10
140	**14th Tram**	**0%**	**01/02/10**	**05/10/10**
141	BODYSHELLS MANUFACTURING & FINISHING	0%	01/02/10	16/07/10
142	FACTORY TESTS	0%	05/07/10	01/09/10
143	TRANSPORT	0%	01/09/10	15/09/10
144	DELIVERY OF THE TRAM	0%	15/09/10	15/09/10
145	COMMISSIONING OF THE TRAM	0%	15/09/10	05/10/10
146	**15th Tram**	**0%**	**16/02/10**	**05/10/10**
147	BODYSHELLS MANUFACTURING & FINISHING	0%	16/02/10	02/08/10
148	FACTORY TESTS	0%	20/07/10	01/09/10
149	TRANSPORT	0%	01/09/10	15/09/10
150	DELIVERY OF THE TRAM	0%	15/09/10	15/09/10
151	COMMISSIONING OF THE TRAM	0%	15/09/10	05/10/10
152	**16th Tram**	**0%**	**25/02/10**	**04/11/10**

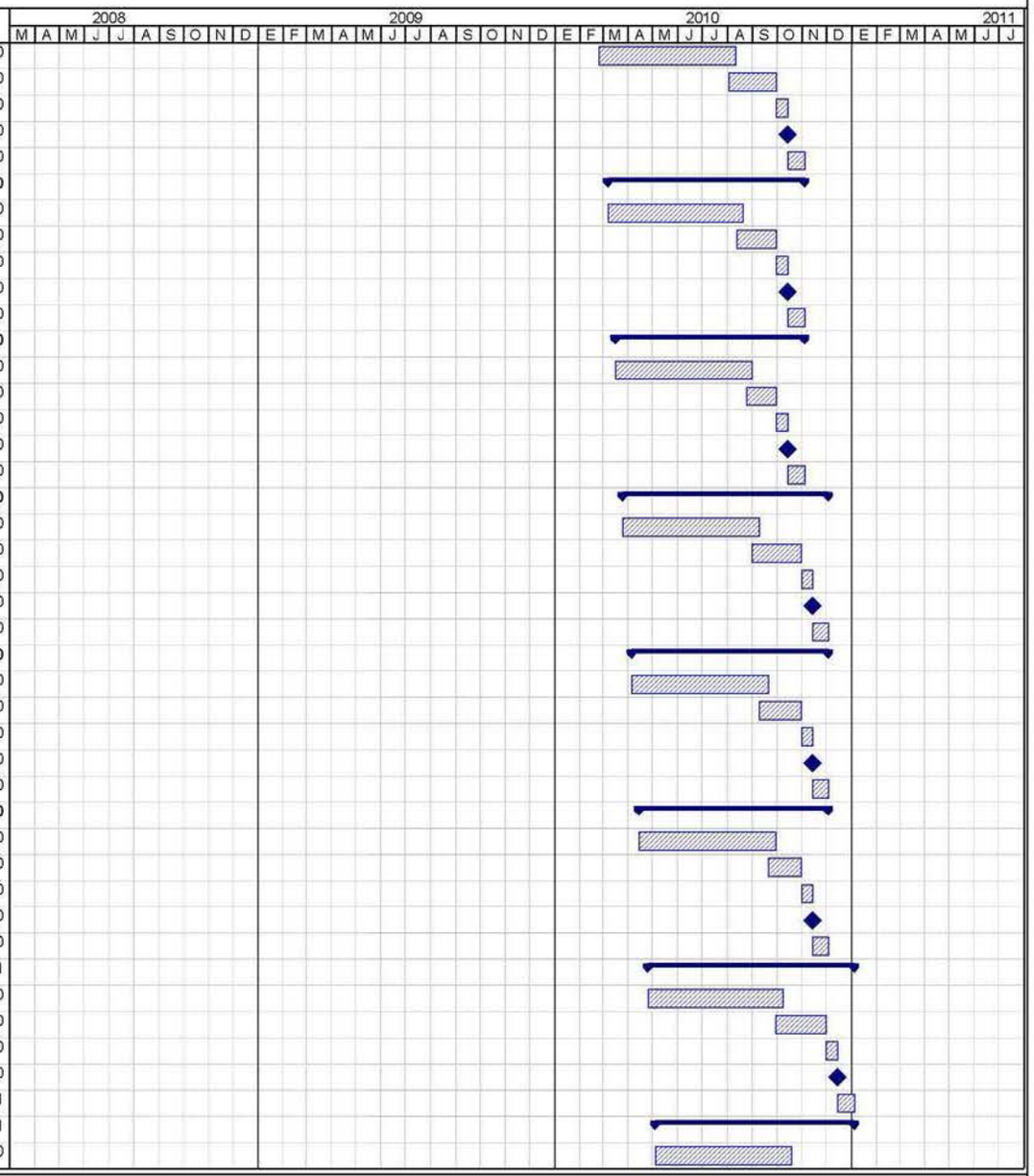


CEC01169379_0110

SUPPLY OF 27 TRAMS FOR THE EDINBURGH TRAM NETWORK

PROJECT PLANNING up to 8 of November

Id	Name	%	Start	Finish
153	BODYSHELLS MANUFACTURING & FINISHING	0%	25/02/10	11/08/10
154	FACTORY TESTS	0%	04/08/10	01/10/10
155	TRANSPORT	0%	01/10/10	15/10/10
156	DELIVERY OF THE TRAM	0%	15/10/10	15/10/10
157	COMMISSIONING OF THE TRAM	0%	15/10/10	04/11/10
158	**17th Tram**	**0%**	**08/03/10**	**04/11/10**
159	BODYSHELLS MANUFACTURING & FINISHING	0%	08/03/10	20/08/10
160	FACTORY TESTS	0%	13/08/10	01/10/10
161	TRANSPORT	0%	01/10/10	15/10/10
162	DELIVERY OF THE TRAM	0%	15/10/10	15/10/10
163	COMMISSIONING OF THE TRAM	0%	15/10/10	04/11/10
164	**18th Tram**	**0%**	**17/03/10**	**04/11/10**
165	BODYSHELLS MANUFACTURING & FINISHING	0%	17/03/10	31/08/10
166	FACTORY TESTS	0%	25/08/10	01/10/10
167	TRANSPORT	0%	01/10/10	15/10/10
168	DELIVERY OF THE TRAM	0%	15/10/10	15/10/10
169	COMMISSIONING OF THE TRAM	0%	15/10/10	04/11/10
170	**19th Tram**	**0%**	**26/03/10**	**03/12/10**
171	BODYSHELLS MANUFACTURING & FINISHING	0%	26/03/10	09/09/10
172	FACTORY TESTS	0%	01/09/10	01/11/10
173	TRANSPORT	0%	01/11/10	15/11/10
174	DELIVERY OF THE TRAM	0%	15/11/10	15/11/10
175	COMMISSIONING OF THE TRAM	0%	15/11/10	03/12/10
176	**20th Tram**	**0%**	**06/04/10**	**03/12/10**
177	BODYSHELLS MANUFACTURING & FINISHING	0%	06/04/10	20/09/10
178	FACTORY TESTS	0%	10/09/10	01/11/10
179	TRANSPORT	0%	01/11/10	15/11/10
180	DELIVERY OF THE TRAM	0%	15/11/10	15/11/10
181	COMMISSIONING OF THE TRAM	0%	15/11/10	03/12/10
182	**21st Tram**	**0%**	**15/04/10**	**03/12/10**
183	BODYSHELLS MANUFACTURING & FINISHING	0%	15/04/10	29/09/10
184	FACTORY TESTS	0%	21/09/10	01/11/10
185	TRANSPORT	0%	01/11/10	15/11/10
186	DELIVERY OF THE TRAM	0%	15/11/10	15/11/10
187	COMMISSIONING OF THE TRAM	0%	15/11/10	03/12/10
188	**22nd Tram**	**0%**	**26/04/10**	**04/01/11**
189	BODYSHELLS MANUFACTURING & FINISHING	0%	26/04/10	08/10/10
190	FACTORY TESTS	0%	30/09/10	01/12/10
191	TRANSPORT	0%	01/12/10	15/12/10
192	DELIVERY OF THE TRAM	0%	15/12/10	15/12/10
193	COMMISSIONING OF THE TRAM	0%	15/12/10	04/01/11
194	**23rh Tram**	**0%**	**05/05/10**	**04/01/11**
195	BODYSHELLS MANUFACTURING & FINISHING	0%	05/05/10	19/10/10

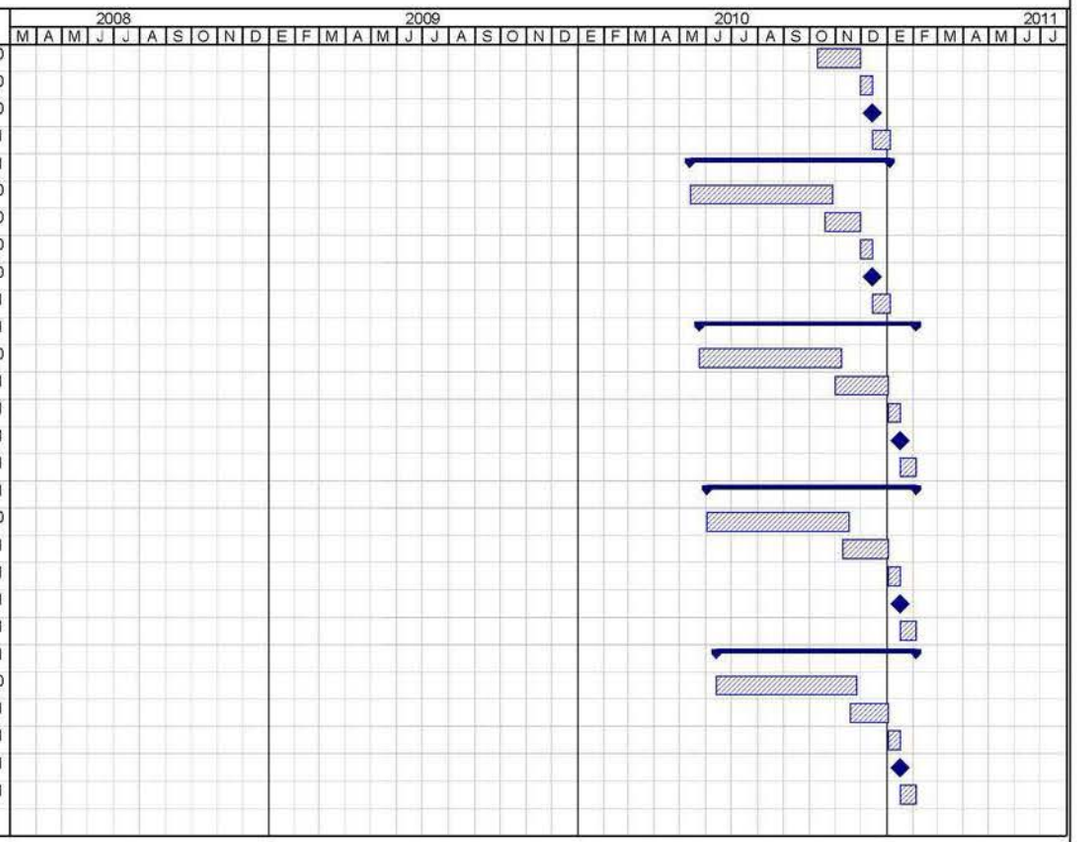


CEC01169379_0111

SUPPLY OF 27 TRAMS FOR THE EDINBURGH TRAM NETWORK

PROJECT PLANNING up to 8 of November

Id	Name	%	Start	Finish
196	FACTORY TESTS	0%	11/10/10	01/12/10
197	TRANSPORT	0%	01/12/10	15/12/10
198	DELIVERY OF THE TRAM	0%	15/12/10	15/12/10
199	COMMISSIONING OF THE TRAM	0%	15/12/10	04/01/11
200	**24th Tram**	**0%**	**14/05/10**	**04/01/11**
201	BODYSHELLS MANUFACTURING & FINISHING	0%	14/05/10	28/10/10
202	FACTORY TESTS	0%	20/10/10	01/12/10
203	TRANSPORT	0%	01/12/10	15/12/10
204	DELIVERY OF THE TRAM	0%	15/12/10	15/12/10
205	COMMISSIONING OF THE TRAM	0%	15/12/10	04/01/11
206	**25th Tram**	**0%**	**25/05/10**	**04/02/11**
207	BODYSHELLS MANUFACTURING & FINISHING	0%	25/05/10	08/11/10
208	FACTORY TESTS	0%	01/11/10	03/01/11
209	TRANSPORT	0%	03/01/11	17/01/11
210	DELIVERY OF THE TRAM	0%	17/01/11	17/01/11
211	COMMISSIONING OF THE TRAM	0%	17/01/11	04/02/11
212	**26th Tram**	**0%**	**03/06/10**	**04/02/11**
213	BODYSHELLS MANUFACTURING & FINISHING	0%	03/06/10	17/11/10
214	FACTORY TESTS	0%	10/11/10	03/01/11
215	TRANSPORT	0%	03/01/11	17/01/11
216	DELIVERY OF THE TRAM	0%	17/01/11	17/01/11
217	COMMISSIONING OF THE TRAM	0%	17/01/11	04/02/11
218	**27th Tram**	**0%**	**14/06/10**	**04/02/11**
219	BODYSHELLS MANUFACTURING & FINISHING	0%	14/06/10	26/11/10
220	FACTORY TESTS	0%	19/11/10	03/01/11
221	TRANSPORT	0%	03/01/11	17/01/11
222	DELIVERY OF THE TRAM	0%	17/01/11	17/01/11
223	COMMISSIONING OF THE TRAM	0%	17/01/11	04/02/11
224				

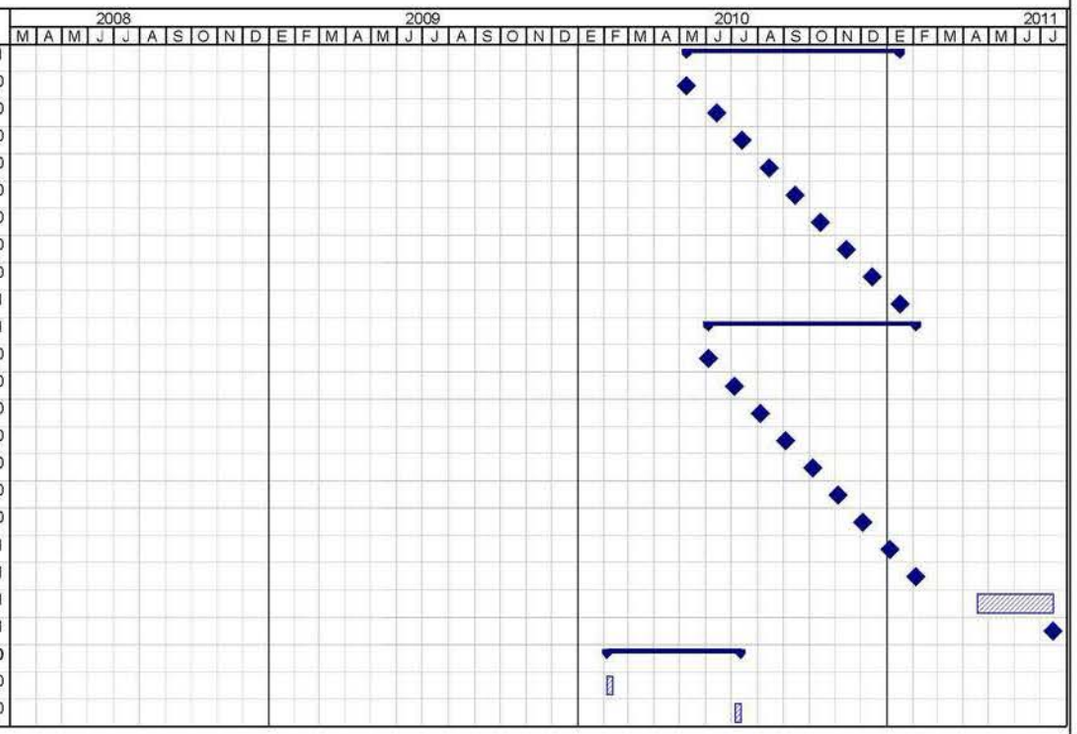


CEC01169379_0112

SUPPLY OF 27 TRAMS FOR THE EDINBURGH TRAM NETWORK

PROJECT PLANNING up to 8 of November

Id	Name	%	Start	Finish
225	**REMAINING TRAM's DELIVERIED**	**0%**	**10/05/10**	**17/01/11**
226	2nd, 3rd, 4th & 5th Trams	0%	10/05/10	10/05/10
227	6th & 7th Trams	0%	15/06/10	15/06/10
228	8th, 9th & 10th Trams	0%	15/07/10	15/07/10
229	11th & 12th Trams	0%	16/08/10	16/08/10
230	13th, 14th & 15th Trams	0%	15/09/10	15/09/10
231	16th, 17th & 18th Trams	0%	15/10/10	15/10/10
232	19th, 20th & 21st Trams	0%	15/11/10	15/11/10
233	22nd, 23rd & 24th Trams	0%	15/12/10	15/12/10
234	25th, 26th & 27th Trams	0%	17/01/11	17/01/11
235	**REMAINING TRAM's COMMISSIONED**	**0%**	**04/06/10**	**04/02/11**
236	2nd, 3rd, 4th & 5th Trams	0%	04/06/10	04/06/10
237	6th & 7th Trams	0%	05/07/10	05/07/10
238	8th, 9th & 10th Trams	0%	04/08/10	04/08/10
239	11th & 12th Trams	0%	03/09/10	03/09/10
240	13th, 14th & 15th Trams	0%	05/10/10	05/10/10
241	16th, 17th & 18th Trams	0%	04/11/10	04/11/10
242	19th, 20th & 21st Trams	0%	03/12/10	03/12/10
243	22nd, 23rd & 24th Trams	0%	04/01/11	04/01/11
244	25th, 26th & 27th Trams	0%	04/02/11	04/02/11
245	**SHADOW RUNNING**	0%	18/04/11	16/07/11
246	**OPENING PASSENGER CARRYNG SERVICE**	0%	16/07/11	16/07/11
247	**TRAINING COURSE**	**0%**	**05/02/10**	**12/07/10**
248	1st course	0%	05/02/10	11/02/10
249	2nd course	0%	06/07/10	12/07/10



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10.5 RFI Register

Process Register

Company Bilfinger Berger Civil
Channel etn

BILFINGER BERGER UK Limited

SIEMENS

Status	System Ref	WorkPackage Ref	Publishing Company	Title	Content	Publishing User	Issued Date
Open	RFI-00003	BSC-3	Bilfinger Berger Civil	RFI 003- WATER MAIN, GOGAR DEPOT	WATER MAIN - GOGAR DEPOT Issued 19.05.08 Response Received 05.06.08 - TRN-01355	Jim Cumberton	22/07/2008 14:10:20
Open	RFI-00008	BSC-8	Bilfinger Berger Civil	RFI 008-ELEMENTS OF PERMANENET WORKS OUTSIDE THE LOD	ELEMENTS OF PERMANENT WORKS OUTSIDE THE LOD Issued 25.05.08 Resposne Received 05.06.08 - TRN-01355	Jim Cumberton	22/07/2008 14:35:47
Open	RFI-00009	BSC-9	Bilfinger Berger Civil	RFI 009-PREPARATION OF BUILDING WARRANTS AT HAYMARKET	PREPARATION OF BUILDING WARRANTS AT HAYMARKET Issued 21.05.08 Resposne Received 05.06.08 - TRN-013	Jim Cumberton	22/07/2008 14:40:05
Open	RFI-00013	BSC-13	Bilfinger Berger Civil	RFI 013-VARIOUS SITE ACTIVITIES IN THE GOGARBURN AREAS	VARIOUS SITE ACTIVITIES IN THE GOGARBURN AREAS Issued 28.05.08 Resposne Received 06.05.08 - TRN-01	Jim Cumberton	22/07/2008 14:54:23
Open	RFI-00014	BSC-14	Bilfinger Berger Civil	RFI 014-INVASIVE SPECIES IN THE GOGARBURN AREA	INVASIVE SPECIES IN THE GOGARBURN AREA Issued 28.05.08 Response Received 05.06.08 - TRN-01355	Jim Cumberton	22/07/2008 14:58:04
Open	RFI-00048	1111-1	Graham Construction	RFI 048 - LOD AT ROSEBURN GARAGES-MURRAYFIELD SECTION 5A	LOD AT ROSEBURN GARAGES - MURRAYFIELD SECTION 5A Issued 13.06.08 Response Received 03.07.08 - TRN-	Des Millar	23/07/2008 13:52:28
Open	RFI-00050	BSC-49	Bilfinger Berger Civil	RFI 050 - EXISTING DRAINAGE AT GOGARBURN	EXISTING DRAINAGE AT GOGARBURN Issued 16.06.08 Response Received 03.07.08 - TRN-01514	Jim Cumberton	23/07/2008 14:24:24
Open	RFI-00054	BSC-53	Bilfinger Berger Civil	RFI 054- GIANT HOGWEED	GIANT HOGWEED Issued 18.06.08 Response Received 25.06.08 - TRN-01480	Jim Cumberton	23/07/2008 14:33:22
Open	RFI-00059	BSC-58	Siemens Transportation Systems	RFI 059 - ELECTRICITY SUPPLIES	ELECTRICITY SUPPLIES Issued 25.06.08 response Received 03.07.08 - TRN-01512	Nigel Baskerville	24/07/2008 06:58:55
Open	RFI-00060	BSC-59	PB	RFI 060 - RETAINING WALLS	RETAINING WALLS Issued 27.06.08 Resposne Received 16.07.08 - TRN-01584	Alan Dolan	24/07/2008 07:01:16

CEC01169379_0115

Process Register

Company Bilfinger Berger Civil
Channel etn

BILFINGER BERGER UK Limited

SIEMENS

Open	RFI-00065	BSC-64	Siemens Transportation Systems	RFI 065 - ELECTRICITY AND METER SUPPLIER	ELECTRICITY AND METER SUPPLIER Issued 03.07.08 Resposne Received 10.07.08 - TRN-1544	Roland Brueckmann	24/07/2008 07:11:03
Open	RFI-00066	BSC-65	Bilfinger Berger Civil	RFI 066 - POLE STAY AT BAIRD DRIVE	POLE STAY AT BAIRD DRIVE Issued 03.07.08 Response Received 09.07.08 - TRN-01538	Jim Cumberton	24/07/2008 07:12:22
Open	RFI-00067	BSC-66	Siemens Transportation Systems	RFI 067- TRACTION POWER RATING IN DEPOT TRACTION SUBSTATION	TRACTION POWER RATING IN DEPOT TRACTION SUBSTATION Issued 04.07.08 Response Received 09.07.08 - TR	Roland Brueckmann	24/07/2008 07:14:10
Open	RFI-00069	BSC-68	Graham Construction	RFI 069- INVASIVE WEEDS TREATMENT	INVASIVE WEEDS TREATMENT Issued 09.07.08 Response Received 21.07.08 - TRN-01600	Des Millar	24/07/2008 07:17:14
Open	RFI-00070	BSC-69	Graham Construction	RFI 070 - LIGHT COLUMNS AND RAILINGS AT HAYMARKET STATION STEPS	LIGHT COLUMNS AND RAILINGS AT HAYMARKET STATION STEPS Issued 10.07.08 Response Received 16.07.08 -	Des Millar	24/07/2008 07:18:58
Open	RFI-00071	BSC-70	Bilfinger Berger Civil	RFI 071- LEVEL OF WATER MAIN DIVERSION - DEPOT	LEVEL OF WATER MAIN DIVERSION - DEPOT Issued 11.07.08 Response Received 18.07.08 - TRN-01596	Jim Cumberton	24/07/2008 07:20:23
Open	RFI-00072	BSC-71	Siemens Transportation Systems	RFI 072 - RAILSECTION 59R2 / 60R2	RAILSECTION 59R2 / 60R2 Issued 11.07.08 Response Received 18.07.08 - TRN-01593	Robert Kraemer	24/07/2008 07:23:24
Open	RFI-00073	BSC-72	Siemens Transportation Systems	RFI 073 - DEPOT TRANSFORMER	DEPOT TRANSFORMER Issued 11.07.08 Response Received 16.07.08 - TRN-01584	Robert Kraemer	24/07/2008 07:24:40
Open	RFI-00074	BSC-73	Siemens Transportation Systems	RFI 074 - WASHING PLANT DESIGN	WASHING PLANT DESIGN Issued 11.07.08 Response Received 16.07.08 - TRN-01584	Norbert Wunder	24/07/2008 07:34:04
Open	RFI-00075	BSC-74	Siemens Transportation Systems	RFI 075 - REQUIREMENTS FPR FLOATING SLAB	REQUIREMENTS FPR FLOATING SLAB Issued 11.07.08 Response Received 21.07.08 - TRN-01600	Robert Kraemer	24/07/2008 07:38:42
Open	RFI-00076	BSC-75	Siemens Transportation Systems	RFI 076 - DATA REQUIRED FOR NEW ELECTRICITY APPLICATIONS	DATA REQUIRED FOR NEW ELECTRICITY APPLICATIONS Issued 11.07.08 Response Received 18.07.08	Nigel Baskerville	24/07/2008 07:59:32

CEC01169379_0116

Process Register

Company Bilfinger Berger Civil
Channel etn

BILFINGER BERGER UK Limited

SIEMENS

Open	RFI-00077	BSC-76	Siemens Transportation Systems	RFI 077 - RE-ISSUE OF RFI 067	RE-ISSUE OF RFI 067 Issued 14.07.08 Response Received 18.07.08 - TRN-01596	Robert Kraemer	24/07/2008 08:10:35
Open	RFI-00079	BSC-78	PB	RFI 079 - LAND	LAND Issued 18.07.08 Response Received 21.07.08	Alan Dolan	24/07/2008 08:13:30
Open	RFI-00080	BSC-79	CAF	RFI 080 - BUS TRACKER	BUS TRACKER Issued 21.07.08	Jorge Piqueras	24/07/2008 08:14:49
Open	RFI-00082	BSC-81	Siemens Transportation Systems	RFI 082 - TRAMSOP LIGHTING	TRAMSOP LIGHTING Issued 31.07.08	Roland Brueckmann	31/07/2008 15:21:50
Open	RFI-00096	BSC-95	Bilfinger Berger Civil	RFI 00096- ACCESS TO MURRAYFIELD WORKS AREAS	Please advise when the Infraco will be able to gain access to our works area adjacent to the Water o	Jim Cumberton	13/08/2008 11:53:29
Open	RFI-00098	BSC-97	Siemens Transportation Systems	RFI 00098- ETN(TRW)TIE&ABC#050013; Additional Turnouts	Drawing No. ULE90130-01-TAL-00004 Rev. 4 (see attachment) illustrates a scissor crossover as provisi	Robert Kraemer	15/08/2008 13:50:15
Open	RFI-00099	BSC-98	Siemens Transportation Systems	RFI 00099- ETN(DWE)TIE&ABC050014_Compressed Air	Following previous versions of the ER the technical proposal for the DWE considers a Compressed Air	Robert Kraemer	15/08/2008 16:23
Open	RFI-00100	BSC-99	Siemens Transportation Systems	RFI 00100- ETN(TRW)TIE&ABC#050020 - Value Engineering TRW	Value Engineering Opportunity – Change from Embedded track to ballasted track; Tie reference: INF_CO	Klaus Dieker	20/08/2008 13:22:57
Open	RFI-00101	BSC-100	Siemens Transportation Systems	RFI 00101- ETN(SIG)TIE&ABC#050021 - Bus tracker	During a SCC coordination meeting held on the 12 of August neither tie nor Transdev were able to exp	Robert Kraemer	20/08/2008 15:07:17
Open	RFI-00102	BSC-101	Bilfinger Berger Civil	RFI 00102- DEMOLITON AT HAYMARKET DEPOT - SLOT 96, 97, 101, 102	Please advise on how to proceed with the construction of W4 Russell Road Retaining Wall. According	Carsten Mieves	22/08/2008 09:36:17
Open	RFI-00103	BSC-102	Siemens Transportation Systems	RFI 00103- ETN(SIG)TIE&ABC#050027 Timetable System	Please provide details of the tram timetable system proposed for the Edinburgh Tram project and in p	Robert Kraemer	25/08/2008 19:05:02
Open	RFI-00105		Bilfinger Berger Civil	RFI 00105- SOUTH GYLE ACCESS BRIDGE, SITE CLEARANCE OF BILLBOARDS	The site clearance of existing signs at South Gyle Access Bridge entails the "Removal and Reuse" of	John Cooper	01/09/2008 17:10:05
Open	RFI-00106		Bilfinger Berger Civil	RFI 00106 - PERMANENT ARRANGEMENTS- EDINBURGH PARK MANAGEMENT	PERMANENT ARRANGEMENTS- EDINBURGH PARK MANAGEMENT We have been asked by Edinburgh Park Management	Peter Widdowson	03/09/2008 11:38:45
Open	RFI-00107		Bilfinger Berger Civil	LOD and LLAU land available	See attached	Jim Cumberton	16/09/2008 12:40:25
Open	RFI-00108		PB	PB TQ 0005	SEE ATTACHED FILE	Emily Davies	18/09/2008 15:20:26

CEC01169379_0117

Process Register

Company Bilfinger Berger Civil
Channel etn

BILFINGER BERGER UK Limited

SIEMENS

Open	RFI-00110		Siemens Transportation Systems	SERVICE VEHICLE PAYLOAD (ETN(DWE)TIE&ABC#050059)	In the Employer's Requirements, Section 29.14-Depot, Provisional Schedule of the Plant and Equipment	Frank Wenzel	23/09/2008 19:29:44
Open	RFI-00111		Siemens Transportation Systems	Track Support Stiffness (Please see also attached PDF-File!)	See attached RFI form and the attached PDF: ETN(TRW)TIE=T&ABC_055661 Track Support Stiffness_iss2_re	Klaus Dieker	26/09/2008 16:27:04
Open	RFI-00112		Siemens Transportation Systems	Application of EN50122-2 or EN50162 standard for corrosion risk of utilities	The corrosion risk of reinforced concrete structures is assessed in BS EN 50122-2:1998, "Railway a	Robert Kraemer	29/09/2008 16:53:54
Open	RFI-00113		Siemens Transportation Systems	Application of EN50122-2 or EN50162 standard for corrosion risk of utilities	The corrosion risk of reinforced concrete structures is assessed in BS EN 50122-2:1998, "Railway app	Robert Kraemer	01/10/2008 18:36:19
Open	RFI-00114		Siemens Transportation Systems	Ducts	ER Chap 18.2 is demanding 20% spare duct capacity of the maximum sized duct. Considering the heat	Robert Kraemer	02/10/2008 13:29:17
Open	RFI-00115		PB	ULE90130-SW-TQF-00608	PB TQ 0006	Emily Davies	03/10/2008 10:15:07
Open	RFI-00116		Siemens Transportation Systems	Noise & Vibration Protecting Measures	During a meeting on the requirements for noise & vibration we have been informed by Tie, that co	Robert Kraemer	07/10/2008 18:43:47
Open	RFI-00117		Siemens Transportation Systems	Gogar Depot OLE Sectioning	The designed sectioning is flexible but complex, there is an opportunity to simplify, reduced ca	Robert Kraemer	07/10/2008 18:46:32
Open	RFI-00118		Siemens Transportation Systems	Gogar Depot OLE Sectioning	The designed sectioning is flexible but complex, there is an opportunity to simplify, r	Robert Kraemer	07/10/2008 18:48:35
Open	RFI-00119		Siemens Transportation Systems	Application of EN50122-2 or EN50162 standard for corrosion risk of utilities	The corrosion risk of reinforced concrete structures is assessed in BS EN 50122-2:1998, "Railway a	Robert Kraemer	07/10/2008 18:50:26
Open	RFI-00120		Siemens Transportation Systems	Application of EN50122-2 or EN50162 standard for corrosion risk of utilities	The corrosion risk of reinforced concrete structures is assessed in BS EN 50122-2:199	Robert Kraemer	07/10/2008 19:05:54
Open	RFI-00121		Siemens Transportation Systems	Gogar Depot OLE Sectioning	The designed sectioning is flexible but complex, there is an opportunity to simplify, r	Robert Kraemer	07/10/2008 19:08:14
Open	RFI-00122		Bilfinger Berger Civil	Combined sewer diversion section 5B ch. 520700	please confirm when the following sewer diversion will be carried out. Conflict ref. No. 5B/COM	Steven Lough	08/10/2008 15:21:21
Open	RFI-00123		Siemens Transportation Systems	Gogar Depot OLE Sectioning	The designed sectioning is flexible but complex, there is an opportunity to simplify,	Robert Kraemer	13/10/2008 10:30:41
Open	RFI-00124		Siemens Transportation Systems	Emergency Telehone Lines	In order to progress the Emergency Line requirments listed in the Employee Requirements can Tie pl	Robert Kraemer	13/10/2008 12:28:11
Open	RFI-00125		Siemens Transportation Systems	Depot PABX requirments	In order to progress the PABX design can Tie / Transdev, please specify the number of PABX exten	Robert Kraemer	20/10/2008 17:50:17
Open	RFI-00126		Siemens Transportation Systems	Emergency Telehone Lines	In order to progress the Emergency Line requirments listed in the Employee Requiremen	Robert Kraemer	20/10/2008 17:51:31

CEC01169379_0118

Process Register

Company Bilfinger Berger Civil
Channel etn

BILFINGER BERGER UK Limited

SIEMENS

Open	RFI-00128		Bilfinger Berger Civil	SECTION 1A3 – DRAFT FORTH PORTS INSTRUCTION	see attached RFI 128	Holger Plate	21/10/2008 14:13:48

CEC01169379_0119

10.6 Civil Works Procurement Schedule

Subcontract Procurement / Register
Contract : Edinburgh Tram Network

BILFINGER BERGER (UK) Limited

Order Number	Subcontract Trade	Section	Company	Prospective Companies	GB	PROGRAMME REQUIREMENTS: Enquiry Needs Sent Out By (F74-3)	Status	Order Needs Placed By	Status	Letter of Intent Issued / Limited Order to Proceed	Required for Start on Site	Design Package Issued for Construction	PROCESSES: F74-1	F519-1	F74-4	F74-5	Authority to Place	F74-9	Order Issued	Order Back	F74-11	F74-2
1	Land Surveys (SW)	SW	Becker Geomatics Ltd		DG	n/a	✓	n/a	✓		n/a	n/a	✓		✓				✓	✓	✓	
2	Tree Felling / Advance Works (SW)	SW	W Laing		DG	n/a	✓	n/a	✓		n/a				✓				✓	✓	✓	
3	Site Clearance / Civils Package (7A)	7A	Farrans (Construction) Ltd		DG	n/a	✓	n/a	✓		n/a		✓	✓					✓		✓	
4	Setting Out Engineers / Advance Works	SW	Beattie Chalmers ltd		DG	n/a	✓	n/a	✓		n/a		n/a						✓	✓	✓	
5	Demolition of Caley Alehouse	2A	John Graham (Dromore) Ltd		DG	n/a	✓	n/a	✓		16-Jun-08		✓	✓					✓		✓	
8	Consultancy services, MX & CAD Services	SW	Grontmij		JT	n/a	✓	n/a	✓		n/a		n/a	n/a	n/a	n/a		n/a	✓			
9	Existing Road Surveys	SW	Mouchel		DG	n/a	✓	n/a	✓		23-Jun-08		✓		✓				✓	✓	✓	
10	Erection of Temporary Trackside Fencing	5	Lumberjak Environmental		SJ		✓		✓		21-Jun-08					✓			✓			
11	Civils Package	7A/5C		Farrans	DG	16-Jun-08	✓	28-Jul-08		06-Aug-08	04-Aug-08											
12	Civils Package	2A1D5A		John Graham (Dromore) Ltd	DG	23-Jun-08	✓	21-Jul-08			02-Mar-09											
13	Consortium Office Site Set - up	SW	A & C Construction		SK	02-Jun-08	✓	14-Jul-08	✓		28-Jul-08		✓	✓					✓		✓	
14	Civils Package	1A		R J McLeod, Expanded Ltd, Mckenzie Construction	DG	25-Jul-08	✓	19-Sep-08			31-Oct-08											
15	Temporary Sheet Piling	5		SPUK, McGrattan, LB Foundations	SJ	26-May-08	✓	07-Jul-08			21-Jul-08											
16	Contigous CFA Piling	5		Bachey, Stent	SJ	07-Jul-08	✓	18-Aug-08			01-Sep-08											
17	Temporary Works Design	SW	Tony Gee		TG	12-May-08	✓	23-Jun-08		30-Jun-08	n/a		✓	✓								
18	Formwork, Rebar, Concrete	5		Expaned Ltd, Dunne Gp, Stephenson plus L Onlys	JMD	23-Jun-08	✓	21-Jul-08			18-Aug-08											
19	Reinforced Earth Retaining Walls	5		Nettion, Reco	SJ	23-Jun-08		21-Jul-08			18-Aug-08											
20	PC Beams	5		Tarmac Precast,Bangachierr	TG	23-Jun-08	✓	20-Oct-08			01-Dec-08											
21	Bridge Bearings	5			DG																	
22	Earthworks	5		Celmisa, RJT, I & H Brown, Geddes,McGregor	SJ	28-Jul-08		25-Aug-08			01-Sep-08											
23	Drainage Duct	5		AC Construction	SJ	27-Jun-09		25-Jul-09			01-Aug-09											
24	Photography	SW	White House Studios		SK	04-Jun-08	✓	16-Jul-08			23-Jul-08		✓	✓	✓							
25	Structural Steel	5	Fairfield Mabey		SK					26-Jun-08	01-Dec-08	28-Jul-08	✓									
26	Traffic Management (SW)	SW	Class One		TG		✓	22-Jul-08			05-Aug-08		✓	✓	✓	✓						
27	Timber Fencing	SW		G Walker, JKF, DE Fencing, Lumberjacks, After	TG		✓															
29	White lining and road markings	SW		Linemarkings, Markon	DG																	
30	Deck waterproofing & Surface Treatment	SW		Universal Sealants, Pitchmastic, Stirling Lloyd	DG																	
31	Metal railings and hadrailing	SW		DE Fencing, JKF	DG																	
32	Soil Nailing Testing	7		Ritchie - 08446 625010	SJ	14-Jul-08		01-Aug-08			01-Sep-08											
38	Civils Package	6	Barr Ltd		DG	26-May-08	✓	07-Jul-08		02-Jun-08	04-Aug-08		✓						✓	✓		
42	Property Conditions Survey	SW		DM Hall / PT / DTZ	DG																	
43	Utility Disconnection Fees	SW	Various		DG	n/a		n/a		n/a	n/a	n/a	n/a	n/a	n/a	n/a		n/a				
44	Site Investigation Works	5	Raeburn		SJ		✓				07-Jul-08				✓				✓			
45	Civils Package	1B	Crummock	Crummock, MacKenzie, W J Harte	DG	04-Aug-08	✓	22-Sep-08			29-Sep-08	07-Jul-08										
46	Civils Package	1D		Crummock, W.J Harte, Front Line Construction Ltd	DG	04-Aug-08	✓	01-Oct-08			05-Jan-09	04-Jul-08										
48	Control Network Survey Check - Site Wide		L & M Surveys		SJ	03-Jul-08	✓	14-Jul-08			14-Jul-08								✓		✓	
49	Utility Diversions	SW		Core Construction, Clancy Docwra, Intuto	DG	14-Jul-08	✓															
50	Emergency Spill response contractor																					
51	Training supplier – CAT training, PTS			TRAC, Speedy, Groundforce																		
53	Acoustic Monitoring	SW	RMP Acoustic Consultants		SK	n/a		20-Jul-08			27-Jul-08		✓	✓	✓				✓	✓	✓	
55	Tree Felling Adjacent to NR Rail Network		W Laing		SJ	17-Jul-08	✓	11-Aug-08		n/a	25-Aug-08				✓				✓		✓	
58	Ecologist	SW	JDC Ecology Ltd		SK						04-Aug-08				✓							
68	Trackwork Subcontarctor	5									01-Sep-08											
70	Groundworks	5	Gallagher Groundworks		SK						11-Aug-08											
71	Compound Security		DR Security Ltd		SK	05-Aug-08		12-Aug-08		n/a	19-Aug-08											

PROCUREMENT TIMETABLE BASED ON V01 CONSTRUCTION PROGRAMME

Order Number	30-Jun	7-Jul	14-Jul	21-Jul	28-Jul	4-Aug	11-Aug	18-Aug	25-Aug	1-Sep	8-Sep	15-Sep	22-Sep	29-Sep	6-Oct	13-Oct	20-Oct	27-Oct
1																		
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11	<<<<<<<<<REVIEW PERIOD>>>>>>				PLACE													
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15	>>>>>>	>>>>>>	PLACE															
16	>>>>>>	PLACE																
17	PLACE																	
18	REVIEW PERIOD >>>>>>>>PLACE																	
19	REVIEW PERIOD >>>>>>>>>PLACE																	
20	OUT	<<<<<<<<<<<<<<<<<<<

10.7 Change Register

ETN INFRACO NOTIFICATION of tie CHANGE (INTC)

BILFINGER BERGER Civil

CAF:INS

Refs. Ref	Refs. tie	tie Change Order TCO	Description	Date Notified	Date of further letters	Letter Ref	Agreed in Principle?	Type See Notes	Change Type See Notes	Delay Estimate (Weeks) Start	Finish	Duration	Agreed	Pricing Method See Notes	Value Estimate (COSTS) SDS	Bilfinger	Siemens	E Submitted Sub-total	OH & P	Prelims	Total	E Agreed	E Not Agreed	Section See Notes	Agreed Cost	Action Required	Action By	Date
1(A)			The Issued for Construction (IFC) dates from the Design Delivery Programme have been entered into the Schedule Par 15 Programme and there are differences from the Base Case Assumption resulting in a Notified Departure - SECTION A	22/05/2008	SEE 1(D)	SEE 1(D)	Y	D	4	26/03/2010	01/06/2010	67 days	TBA	4	0	0	0	0	0	0	0	0	0	6	0	See item 1(D) below		
1(B)			The Issued for Construction (IFC) dates from the Design Delivery Programme have been entered into the Schedule Par 15 Programme and there are differences from the Base Case Assumption resulting in a Notified Departure - SECTION B	22/05/2008	SEE 1(D)	SEE 1(D)	Y	D	4	23/04/2010	16/06/2010	23 days	TBA	4	0	0	0	0	0	0	0	0	0	5,6,7	0	See item 1(D) below		
1(C)			The Issued for Construction (IFC) dates from the Design Delivery Programme have been entered into the Schedule Par 15 Programme and there are differences from the Base Case Assumption resulting in a Notified Departure - SECTION C	22/05/2008	SEE 1(D)	SEE 1(D)	Y	D	4	20/01/2011	26/03/2011	65 days	TBA	4	0	0	0	0	0	0	0	0	0	ALL	0	See item 1(D) below		
1(D)			The Issued for Construction (IFC) dates from the Design Delivery Programme have been entered into the Schedule Par 15 Programme and there are differences from the Base Case Assumption resulting in a Notified Departure - SECTION D	21/05/2008	20/05/08 21/05/08 29/05/08 11/06/08 11/06/08 12/06/08 12/06/08 12/06/08 13/06/08 27/06/08 04/07/08 09/07/08 25/07/08 21/08/08 28/08/08 09/09/08 10/09/08 17/09/08 22/09/08	BB Email-V31 IFC dates 25.1.201/TM/138 25.1.201/TM/133 be - PRO CORR 39 25.1.201/TM/151 25.1.201/TM/152 25.1.201/TM/162 be-PRO.CORR.70/SBJT BB Email - BU Ref be-PRO.CORR.71/SBJT 25.1.201/TM/157 be-PRO CORR 022 BB/PM Email V28 v V36 25.1.201/TM/098 be-INF CORR 103 be-INF CORR 126 25.1.201/TM/445 25.1.201/GC/480 be-INF CORR 167 be INF CORR 251	Y	D	4	19/07/2011	22/09/2011	66 days	TBA	4	0	3,000,398	2,188,041	5,188,439	incl	incl	5,188,439	0	5,188,439	ALL	0	Meetings arranged with tie to resolve	tie/MBSC	
2			Instruction to proceed with The Hilton Hotel Car Park (Letter PRO.Infraco.2110 dated 09/05/08) is work in respect of Undefined Provisional Sum Item 1 Accommodation Works, in Schedule Part 4 Appendix B Table 2.	21/05/2008	12/05/08 29/05/08 06/06/08 11/06/08 11/06/08 23/06/08 27/06/08	be-PRO.Infraco.2110 25.1.201/TM/138 be-PRO.CORR.39 BB Email - Pricing 25.1.201/TM/152 25.1.201/TM/157 be-PRO.CORR.070 25.1.201/TM/165	Y	D	1,2,3	TBA	TBA	TBA	TBA	1,2,3	0	76,288	0	76,288	8,188	5,842	90,318	0	90,318	7	0	?	?	
3			Receipt of tie letter PRO.Infraco.2106 dated 9 May 2008 instructing us to proceed with road surveys.	21/05/2008	12/05/08 23/05/08 29/05/08 30/05/08 05/06/08 11/06/08 11/06/08 13/06/08 17/06/08	be-PRO.Infraco.2106 CET-56260S 25.1.201/TM/138 25.1.201/TM/139 be-PRO.CORR.39 25.1.201/TM/144 BB Email - Revised Costs 25.1.201/TM/152 25.1.201/TM/158 RFI 049 & tie-PRO.CORR 73 25.1.201/TM/170	N	D	3,4	TBA	TBA	TBA	TBA	3,4	0	80,266	0	80,266	8,588	5,924	94,778	46,570	48,208	10,11,12	46,570	Awaiting response from tie to BBS/C's request for it to reconsider the Estimate Finalise costs	tie GC	26/10/08
4			Received tie letter PRO.Infraco.2107 dated 9 May 2008 instructing us to proceed with Russell Road Bridge which is a notified departure and mandatory tie Change.	21/05/2008	12/05/08 29/05/08 11/06/08	be-PRO.Infraco.2107 25.1.201/TM/138 be-PRO.CORR.39 25.1.201/TM/152	Y	D	1,2,3	TBA	TBA	TBA	TBA	1,2,3	0	0	0	0	0	0	0	0	0	5A	0	Estimate required	JHSR	31/10/08
5			Received tie letter PRO.Infraco.2108 dated 9 May 2008 instructing us to proceed with Haymarket Viaduct which is a notified departure and mandatory tie Change.	21/05/2008	12/05/08 29/05/08 11/06/08 23/06/08 10/07/08	be-PRO.Infraco.2108 25.1.201/TM/138 be-PRO.CORR.39 25.1.201/TM/152 25.1.201/TM/176 SDS-ULE90130-07-LET-00352	Y	D	1,2,3	TBA	TBA	TBA	TBA	1,2,3	0	0	0	0	0	0	0	0	0	2	0	Estimate required	JHSR	31/10/08
6			Received tie letter PRO.Infraco.2109 dated 9 May 2008 instructing us to proceed with 'Gogarburn 'Bridge' (read as Surcharge subject to tie confirmation).	21/05/2008	09/05/08 12/05/08 29/05/08 11/06/08 27/06/08 17/09/08	tie ref TBC (J McEwan) be-PRO.Infraco.2109 25.1.201/TM/138 be-PRO.CORR.39 25.1.201/TM/152 25.1.201/TM/441 be INF CORR 163	Y	D	1,2,3	TBA	TBA	TBA	TBA	1,2,3	0	0	0	0	0	0	0	0	0	7	0	estimate required Response to tie letter INF CORR 163 required	JHSR TMMBH	31/10/08 31/10/08
7			tie Representatives request for a hard standing at Haymarket Yards.	23/05/2008	06/06/08 02/06/08 11/06/08 13/06/08 27/06/08 29/10/08	BB/Graham - Email re quote be-PRO.CORR.40 25.1.201/TM/153 be-PRO.CORR.72 25.1.201/TM/189 25.1.201/GC/794	N	D	3,4	TBA	TBA	TBA	TBA	3,4	0	750	0	750	75	56	881	0	881	2	0	Awaiting tie's acceptance of Estimate	tie	
8			Various Drawing Revisions since the Base Date Design Information amending the Design prepared by the SDS Provider.	28/05/2008	21/05/08 21/05/08 23/05/08 02/06/08 11/06/08 13/06/08 27/06/08	25.1.201/TM/138 be-PRO.CORR.39 25.1.201/TM/139 25.1.201/TM/143 be-PRO.CORR.40 25.1.201/T/153 be-PRO.CORR.72 25.1.201/TM/189	N/A	D	1,2,3				0	1,2,3	0	0	0	0	0	0	0	0	0	ALL	0	Cancelled/Withdrawn		
9			The GUARD archeological dig currently ongoing in the area of Gogar Tramstop is delaying and disrupting the Infraco in accessing Gogar Landfill and establishment of the site offices for Section 7	28/05/2008	02/06/08 04/06/08 11/06/08 13/06/08 27/06/08	25.1.201/TM/143 be-PRO.CORR.40 RFI 030 25.1.201/TM/153 be-PRO.CORR.72 25.1.201/TM/189		D	4	TBA	TBA	TBA	TBA	4	0	0	0	0	0	0	0	0	0	7	0	Assess delays based on package contractor's assessment. Prepare Estimate	SS GC	07/11/08
10			The GUARD archeological dig currently ongoing in the area of Gogar Tramstop is delaying and disrupting the Infraco in accessing and establishment of the site offices for Section 5C	28/05/2008	02/06/08 04/06/08 11/06/08 13/06/08 27/06/08	25.1.201/TM/143 be-PRO.CORR.40 RFI 029 25.1.201/TM/153 be-PRO.CORR.72 25.1.201/TM/189		D	4	TBA	TBA	TBA	TBA	4	0	0	0	0	0	0	0	0	0	5C	0	Assess delays based on package contractor's assessment. Prepare Estimate	SS GC	07/11/08
11			The GUARD archeological dig currently ongoing in the area of Gogar Tramstop is delaying and disrupting the Infraco in accessing and establishment of the site offices for Section 5C	28/05/2008	02/06/08 11/06/08 13/06/08 27/06/08 22/09/08 03/10/08	25.1.201/TM/143 be-PRO.CORR.40 25.1.201/TM/153 be-PRO.CORR.72 25.1.201/TM/189 be-INV CORR 175 Email T-BBI - Re Ducts Estimate	N/A	D	4				0	4	0	0	0	0	0	0	0	0	0	5C	0	Cancelled/Withdrawn		

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ETN INFRACO NOTIFICATION of tie CHANGE (INTC)

BILFINGER BERGER Civil

CAF:NS

Refs. Ref	Refs. tie	tie Change Order TCO	Description	Date Notified	Date of further letters	Letter Ref	Agreed in Principle?	Type See Notes	Change Type See Notes	Delay Estimate (Weeks) Start	Delay Estimate (Weeks) Finish	Delay Estimate (Weeks) Duration	Delay Estimate (Weeks) Agreed	Pricing Method See Notes	Value Estimate (£GBP) E Submitted SDS	E Submitted Bilfinger	E Submitted Siemens	E Submitted Sub-total	E Submitted OH & P	E Submitted Prelims	E Submitted Total	E Agreed	E Not Agreed	Section See Notes	Agreed Cost	Action Required	Action By	Date
12			The GUARD archaeological dig currently ongoing in the area of Gogar Tramstop is causing damage to the tram corridor between Ch 710000 -710300. This area will need to be made good once the topsoil removal is complete potentially delaying and disrupting the Infraco Works	26/05/2008	02/06/08 04/06/08 11/06/08 13/06/08 27/06/08 27/06/08 11/07/08 15/07/08 29/07/08 13/08/08 04/09/08 25/09/08	25.1.201/TM/143 be-PRO.CORR.40 RFI:031 25.1.201/TM/153 be-PRO.CORR.72 25.1.201/TM/189 BB Email Earthworks Outline BBtie - Email re City Point Meeting BB Email Citypoint Meeting Notes be-DEL.HSDE.1663 RFI:045 RFI:032 25.1.201/IO/529		D	4	TBA	TBA	TBA	TBA	4	0	0	0	0	0	0	0	0	0	7	0	Estimate submitted under INTC 30 below		
13			Notified Departure in accordance with paragraph 3.4.5.1 and 3.5 Schedule Part 4 due to CEC Planning consents delay as communicated to tie by SDS by email on 21-05-08 in connection with Rosebum Terrace Bridge, Tramstop and Retaining Walls A and B between 3 April and 28 April 2008 specifically but is an ongoing problem throughout the Infraco Contract	28/05/2008	29/05/08 02/06/08 11/06/08	BBtie-Email Application Process 25.1.201/TM/143 be-PRO.CORR.40 25.1.201/TM/153	N	D	4	TBA	TBA	TBA	TBA	4	0	0	0	0	0	0	0	0	0	ALL	0	Cancelled/Withdrawn (duplicate of INTC 37)		
14			Notified Departure in accordance with paragraph 3.4.5.1 and 3.5 Schedule Part 4 due to the MUDFA Contractor not having completed the 180mm dia Water Main diversion in the Depot area in accordance with the requirements of the Programme causing delay and disruption to the Infraco's intended sequence	28/05/2008	02/06/08 11/06/08 13/06/08 27/06/08 02/07/08	25.1.201/TM/143 be-PRO.CORR.40 25.1.201/TM/153 be-PRO.CORR.72 25.1.201/TM/189 25.1.201/TM/205	Y	U	4	TBA	TBA	TBA	TBA	4	U	U	U	U	U	U	U	U	U	6	U	Awaiting tie response to BBSC Letters	tie	
15			Notified Departure in accordance with paragraph 3.4.5.1 and 3.5 Schedule Part 4 due to the MUDFA Contractor not having completed the 250mm dia Water Main diversion in the Depot area in accordance with the requirements of the Programme causing delay and disruption to the Infraco's intended sequence	28/05/2008	02/06/08 11/06/08	25.1.201/TM/143 be-PRO.CORR.40 25.1.201/TM/153	Y	D	4	TBA	TBA	TBA	TBA	4	0	0	0	0	0	0	0	0	0	6	0	Awaiting tie response to BBSC Letters	tie	
16			Notified Departure in accordance with paragraph 3.4.5.1 and 3.5 Schedule Part 4 due to the MUDFA Contractor not having completed the 1500mm dia Sewer diversion in the Depot area in accordance with the requirements of the Programme causing delay and disruption to the Infraco's intended sequence	28/05/2008	02/06/08 11/06/08 13/06/08 27/06/08 26/09/08 09/10/08	25.1.201/TM/143 be-PRO.CORR.40 25.1.201/TM/153 be-PRO.CORR.72 25.1.201/TM/189 25.1.201/SR/539 be INF CORR 209	Y	D	4	TBA	TBA	TBA	TBA	4	0	0	0	0	0	0	0	0	0	6	0	Alternative solution under discussion.	tie	
17	TI 1		Notified Departure in accordance with paragraph 3.4.5.1 and 3.5 Schedule Part 4 due to conflict with the 1500mm dia. Deep sewer under the MUDFA Contract with the South Gyle Access Bridge west abutment piled foundations potentially causing delay and disruption to the Infraco's intended sequence.	28/05/2008	15/05/08 02/06/08 11/06/08 13/06/08 27/06/08 27/06/08 10/07/08 25/07/08 01/08/08 08/08/08 25/08/08 27/08/08 09/09/08 16/09/08 02/10/08 02/10/08 09/10/08 23/10/08 29/10/08	be Minutes of Meeting 25.1.201/TM/143 be-PRO.CORR.40 25.1.201/TM/153 be-PRO.CORR.72 25.1.201/TM/189 be-PD CORR 104 SDS-ULS/UT.30/Ub-Lt1-010/tf 25.1.201/IH/426 SDS-ULS/UT.30/Ub-Lt1-010/tf 25.1.201/GC/362 INF CORR 115 25.1.201/IH/227 25.1.201/TM/471 be INF CORR 162 25.1.201/MRH/604 25.1.201/IH/572 SDS-ULS/UT.30-SW-Lt-I-01225 25.1.201/IH/758 25.1.201/MRH/930		D	4	TBA	TBA	TBA	TBA	4	0	0	0	0	0	0	0	0	0	50	0	Estimate withdrawn pending a decision on design approach to be adopted.	SDS	
18			Notified Departure in accordance with paragraph 3.4.5.1 and 3.5 Schedule Part 4 due to the MUDFA Contractor not having completed the various Utility Diversions in the Depot area in accordance with the requirements of the Programme causing delay and disruption to the Infraco's intended sequence.	28/05/2008	05/05/08 06/05/08 13/05/08 22/05/08 30/05/08 06/06/08 09/06/08 11/06/08 13/06/08 19/06/08 25/06/08 27/06/08 01/07/08 17/07/08 28/07/08 05/08/08	BBtie- Email BB Email - site establishment be-PRO.Infraco 2098 BBtie Email Depot 25.1.201/TM/145 be-PRO.CORR.50 BBtie Email 25.1.201/TM/154 be-INF_CUKH_0013 bbtie email & bbsplant email BBtie Email office 25.1.201/TM/188 & BBtie Email 25.1.201/TM/190 Siemens Proposal Email 25.1.201/TM/306 be INF CORR 074	Y	U	4	N/A	N/A	U	U	4	U	33,170	U	33,170	3,662	2,456	39,187	U	39,187	6	U	Respond to tie letter INF CORR 074 Correct compiling error in submitted Estimate	GC GC	31/10/08 31/10/08
19		1	Retrospective tie instruction to carry out Archaeological Survey to the Caley Ale House as tie letter DEL CORR 176 dated 8th May 2008	02/06/2008	05/05/08 10/06/08 27/06/08 02/07/08 05/09/08 05/09/08 19/09/08	be-DEL.CORR.176 25.1.201/TM/147 be-PRO.CORR.57 25.1.201/TM/186 25.1.201/TM/204 25.1.201/GC/462 be INF CORR 139 be INF CORR 170 - TCO 0001	Y	D	4	N/A	N/A	0	0	4	0	4,430	0	4,430	443	328	5,201	5,201	0	2	5,201	Agreed		
20			Disconnect utilities to Caley Ale House prior to demolition as tie e-mail (Alastair Sim) dated 12th March 2008 which is an Undefined Provisional Sum requiring an instruction in accordance with Schedule Part 4 paragraph 4.5 Appendix B Part 2 Table 2 Item 1	02/06/2008	16/05/08 10/06/08 27/06/08 02/07/08 08/08/08	BBtie- Email 25.1.201/TM/147 be-PRO.CORR.57 25.1.201/TM/186 25.1.201/IH/204 be-INF_CUKH_1359		D	4			0	0	4	0	0	0	0	0	0	0	0	0	2	0	Cancelled/Withdrawn		
21		2	Notified Departure in accordance with 3.4.37 and 3.5 Schedule Part 4 due to the Asbestos Survey carried out by tie and the presence os Asbestos in the Caledonian Ale House causing delay and disruption to the Infraco's intended programme and method of work	02/06/2008	22/05/08< 29/05/08 10/06/08 27/06/08 02/07/08 09/09/08 19/09/08 08/08/08 19/09/08	RFI - BBS 011 BBtie-Email 25.1.201/TM/147 be-PRO.CORR.57 25.1.201/TM/186 25.1.201/TM/204 25.1.201/GC/470 25.1.201/IH/426 be INF CUKH 1359 be INF CORR 171	Y	D	4	TBA	TBA	TBA	TBA	4	0	4,488	0	4,488	449	332	5,268	5,268	0	2	5,268	Agreed		
22			Notified Departure in accordance with paragraph 3.4.37 and 3.5 Schedule Part 4 due to the Asbestos Survey to be carried out by tie and the presence of Asbestos in the existing Steps to Haymarket Station Carpark causing delay and disruption to the Infraco's intended programme and method of work.	02/06/2008	10/06/08 27/06/08 02/07/08	25.1.201/TM/147 be-PRO.CORR.57 25.1.201/TM/186 25.1.201/TM/204	Y	D	4	TBA	TBA	TBA	TBA	4	0	0	0	0	0	0	0	0	0	2	0	Provide Estimate	IL	24/10/08
23			Notified Departure in accordance with paragraph 3.4.36 and 3.5 Schedule Part 4 due to the additional requirement to demolish the access steps to Haymarket Station Carpark causing delay and disruption to the Infraco's intended programme and method of work	02/06/2008	14/03/08 10/06/08 27/06/08 02/07/08	TQ - BBS 317/3 25.1.201/TM/147 be-PRO.CORR.57 25.1.201/TM/186 25.1.201/TM/204	N	U	4	TBA	TBA	TBA	TBA	4	U	3,420	U	3,420	367	253	4,040	U	4,040	2	U	Discuss resolution with tie (M Paterson)	GC	31/10/08

CEC01169379_0124

ETN INFRACO NOTIFICATION of tie CHANGE (INTC)

Refs. Ref	Refs. tie	tie Change Order TCO	Description	Date Notified	Date of further letters	Letter Ref	Agreed in Principle?	Type See Notes	Change Type See Notes	Delay Estimate (Weeks) Start	Delay Estimate (Weeks) Finish	Delay Estimate (Weeks) Duration	Delay Estimate (Weeks) Agreed	Pricing Method See Notes	Value Estimate (£GBP) E Submitted SDS	E Submitted Bilfinger	E Submitted Siemens	E Submitted Sub-total	E Submitted OH & P	E Submitted Prelims	E Submitted Total	E Agreed	E Not Agreed	Section See Notes	Agreed Cost	Action Required	Action By	Date
24			Instruction to proceed with Verity House Access Road pre IFC	08/05/2008	17/06/08	tie-DEL CORR 176 JS.1.JU1/TM/168	Y	M	1,2,3	TBA	TBA	TBA	TBA	1,2,3	0	0	0	0	0	0	0	0	0	2	0	Estimate required	GC	31/10/08
25			Instruction to proceed with the demolition of Caley Ale House pre IFC	JUU/JUUI	22/04/08 28/04/08 01/06/08 03/06/08	JS.1.JU1/JU/119 PRO Infraco 2077 JS.1.JU1/TM/125 tie-DEL CORR 175 Formal INTC from BBS	N/A	M	1,2,3	tbA	tbA	tbA	tbA	1,2,3	U	U	U	U	U	U	U	U	U	2	U	Cancelled/Withdrawn		
26			Delay to issue of Picardy Place (Batch1/1/3) to CEC for Prior Approval notified by SDS in attached letter ULE90130-01-LET-00672 dated 4 June 2008 in accordance with Schedule Part 4 paragraph 3.4.5.4	17/06/2008	24/06/08 01/07/08 30/07/08 19/09/08 02/10/08	JS.1.JU1/TM/169 tie-PD CORR 104A JS.1.JU1/JH/199 JS.1.JU1/JH/326 tie-INF CORR 169 JS.1.JU1/JH/583	N	D	1,2,3,4	TBA	TBA	TBA	TBA	1,2,3,4	0	0	0	0	0	0	0	0	0	1	0	Respond to tie's assertion that its Change instruction is bound into the SDS Novation Agreement after receipt of a reply from SDS	JH	24/10/08
27			Delay to Issue For Construction (IFC) Submissions - Section 1U due to changed approval periods notified by SDS in attached letter ULE90130-01-LET-00670 dated 4 June 2008 in accordance with Schedule Part 4 paragraph 3.4.5.1.	17/06/2008	27/06/08 01/07/08 01/07/08 30/07/08 19/09/08 02/10/08	JS.1.JU1/TM/169 tie-PD CORR 104A JS.1.JU1/JH/199 SDS-ULE90130-01-LET-00708 JS.1.JU1/JH/326 tie-INF CORR 169 JS.1.JU1/JH/584	N	M	1,2,3,4	tbA	tbA	tbA	tbA	1,2,3,4	U	U	U	U	U	U	U	U	U	1	U	Respond to tie's assertion that its Change instruction is bound into the SDS Novation Agreement after receipt of a reply from SDS	JH	24/10/08
28			Delay to Issue For Construction (IFC) Submissions - Section 1S due to changed approval periods notified by SDS in attached letter ULE90130-01-LET-00670 dated 4 June 2008 in accordance with Schedule Part 4 paragraph 3.4.5.1.	17/06/2008	27/06/08 01/07/08 30/07/08 19/09/08 02/10/08 13/10/08 24/10/08	JS.1.JU1/TM/169 tie-PD CORR 104A JS.1.JU1/JH/199 JS.1.JU1/JH/326 tie-INF CORR 169 JS.1.JU1/JH/585 SDS-ULE90130-01-LET-00833 JS.1.JU1/JH/767	N	M	1,2,3,4	TBA	TBA	TBA	TBA	1,2,3,4	0	0	0	0	0	0	0	0	0	1	0	Request for extension of time to provide Estimate	tie	
29			Delay to Haymarket Station Car Park Access Road due additional and revisions initiated by tie notified by SDS in their response to attached Technical Query tbbS/U06 dated 5 June 2008 in accordance with Schedule Part 4 paragraph 3.4.5.4.	17/06/2008	27/06/08 01/07/08 30/07/08 19/09/08 02/10/08	JS.1.JU1/TM/169 tie-PD CORR 104A JS.1.JU1/JH/199 JS.1.JU1/JH/326 tie-INF CORR 169 JS.1.JU1/JH/586	N	M	1,2,3,4	tbA	tbA	tbA	tbA	1,2,3,4	U	U	U	U	U	U	U	U	U	2	U	Respond to tie's assertion that its Change instruction is bound into the SDS Novation Agreement after receipt of a reply from SDS	JH	24/10/08
30			Instruction to SDS to accelerate the delivery of IFC to meet the BBS programme as SDS Letter 00331 in accordance with Schedule Part 4 paragraph 3.4.5.5.	17/06/2008	22/05/08 27/06/08 01/07/08 30/07/08 19/09/08 02/10/08 02/10/08	SDS-ULE90130-07-LET-00331 JS.1.JU1/TM/169 tie-PD CORR 104A JS.1.JU1/JH/199 JS.1.JU1/JH/326 tie-INF CORR 169 JS.1.JU1/JH/584 JS.1.JU1/JH/586	N	M	1,2,3,4	TBA	TBA	TBA	TBA	1,2,3,4	17,931	0	0	17,931	1,926	1,327	21,184	0	21,184	All	0	Design Estimate only Respond to tie's assertion that its Change instruction is bound into the SDS Novation Agreement after receipt of a reply from SDS	JH	24/10/08
31			Instruction to SDS to provide a single handrail to Telford Road bridge as SDS Letter 00237 in accordance with Schedule Part 4 paragraph 3.4.1.3.	17/06/2008	27/06/08 01/07/08 30/07/08 19/09/08 22/09/08	JS.1.JU1/TM/169 tie-PD CORR 104A JS.1.JU1/JH/199 JS.1.JU1/JH/326 tie-INF CORR 169 SDS-ULE90130-03-LET-00267	N/A	M	1,2,3,4	TBA	TBA	TBA	TBA	1,2,3,4	0	0	0	0	0	0	0	0	0	3	0	Cancelled/Withdrawn		
32			CEC failure to approve within agreed timescales as SDS Letter 00257 in accordance with Schedule Part 4 paragraph 3.4.5.1	17/06/2008	07/02/08 26/02/08 03/03/08 12/03/08 13/03/08 04/04/08 28/04/08 22/05/08 27/06/08 01/07/08 30/07/08 19/09/08 02/10/08 02/10/08	JS.1.JU1/TM/100 JS.1.JU1/TG/105 JS.1.JU1/SW/107 JS.1.JU1/SW/109 JS.1.JU1/TM/110 JS.1.JU1/SW/114 JS.1.JU1/SW/124 JS.1.JU1/SW/134 & 135 & 136 JS.1.JU1/TM/169 tie-PD CORR 104A JS.1.JU1/JH/199 JS.1.JU1/JH/326 tie-INF CORR 169 JS.1.JU1/JH/584 JS.1.JU1/JH/586	Y	M	1,2,3,4	TBA	TBA	TBA	TBA	1,2,3,4	0	0	0	0	0	0	0	0	0	5	0	Awaiting tie response to request for extension of time to provide Estimate	tie	
33			Network Rail failure to approve within agreed timescales as SDS Letter 00266 in accordance with Schedule Part 4 paragraph 3.4.27	17/06/2008	27/06/08 01/07/08 14/07/08 25/07/08 30/07/08 31/07/08 19/09/08 02/10/08	JS.1.JU1/TM/169 tie-PD CORR 104A JS.1.JU1/JH/199 JS.1.JU1/JH/258 tie-INF CORR 169 JS.1.JU1/JH/326 JS.1.JU1/JH/531 tie-INF CORR 169 JS.1.JU1/JH/601	N	M	1,2,3,4	tbA	tbA	tbA	tbA	1,2,3,4	U	U	U	U	U	U	U	U	U	5	U	Response required to tie letter of 27/06/08 reference INF CORR 169 upon receipt of SDS response to BBSC letter 601	JH	24/10/08
34			New Requirements introduced by Public Realm Design Workbook as SDS Letter 00648 in accordance with Schedule Part 4 paragraph 3.4.43	17/06/2008	29/05/08 29/05/08 27/06/08 01/07/08 14/07/08 24/07/08 28/07/08 30/07/08 08/08/08 19/09/08 19/09/08 02/10/08	SDS-ULE90130-01-LET-00646 SDS-ULE90130-01-LET-00648 JS.1.JU1/TM/169 tie-PD CORR 104A JS.1.JU1/JH/199 JS.1.JU1/JH/256 tie-INF CORR 164 SDS-ULE90130-SW-LET-01130 JS.1.JU1/JH/326 tie/INF CORR 087 SDS-ULE90130-SW-LET-01202 tie-INF CORR 169 JS.1.JU1/JH/589	N	M	1,2,3,4	tbA	tbA	tbA	tbA	1,2,3,4	U	U	U	U	U	U	U	U	U	1	U	Response required to tie letter 08/08/08	JH	24/10/08
35			New Requirements introduced by Public Realm Design Workbook as SDS Letter 00645 in accordance with Schedule Part 4 paragraph 3.4.43	17/06/2008	27/06/08 01/07/08 28/07/08 30/07/08 08/08/08 19/09/08 19/09/08 02/10/08	JS.1.JU1/TM/169 tie-PD CORR 104A JS.1.JU1/JH/199 SDS-ULE90130-SW-LET-01130 JS.1.JU1/JH/326 tie-INF CORR 121 SDS-ULE90130-SW-LET-01202 tie-INF CORR 169 JS.1.JU1/JH/602	N	M	1,2,3,4	tbA	tbA	tbA	tbA	1,2,3,4	U	U	U	U	U	U	U	U	U	1	U	Response required to tie letter of 28/08/08 Notify SDS of tie's position Check if this INTC duplicates INTC No. 49	SR JH JH	31/10/08 31/10/08 24/10/08
36			Delay and Disruption to Crew Road Gardens Bridge IFC as SDS Letter 00239 in accordance with Schedule Part 4 paragraph 3.4.5.1	17/06/2008	23/05/08 27/06/08 01/07/08 28/07/08 30/07/08 19/09/08 19/09/08 02/10/08	SDS - ULE90130-03-LET-00239 JS.1.JU1/TM/169 tie-PD CORR 104A JS.1.JU1/JH/199 SDS-ULE90130-SW-LET-01130 JS.1.JU1/JH/326 SDS-ULE90130-SW-LET-01202 tie-INF CORR 169 JS.1.JU1/JH/603	N	M	1,2,3,4	TBA	TBA	TBA	TBA	1,2,3,4	0	0	0	0	0	0	0	0	0	3	0	Response required to tie letter 01 27/06/08 reference INF CORR 169 upon receipt to SDS response to BBSC letter 603	JH	31/10/08
37			Delay and Disruption to Roseburn Terrace Bridge, Roseburn Tramstop, Roseburn Retaining Walls IFC as SDS Letter 00238 in accordance with Schedule Part 4 paragraph 3.4.1.3	17/06/2008	21/05/08 22/05/08 27/06/08 01/07/08 28/07/08 30/07/08 19/09/08 19/09/08 02/10/08 23/10/08	tie-MAIL S McFie SDS SDS-ULE90130-03-LET-00238 JS.1.JU1/TM/169 tie-PD CORR 104A JS.1.JU1/JH/199 SDS-ULE90130-SW-LET-01130 JS.1.JU1/JH/326 SDS-ULE90130-SW-LET-01202 tie-INF CORR 169 JS.1.JU1/JH/584 JS.1.JU1/JH/763	Part	M	1,2,3,4	TBA	TBA	TBA	TBA	1,2,3,4	0	0	0	0	0	0	0	0	0	3	0	Respond to tie letter 169 after reply received from SDS	JH	31/10/08

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ETN INFRACO NOTIFICATION of tie CHANGE (INTC)

BILFINGER BERGER Civil

Refs. Ref	Refs. tie	tie Change Order TCO	Description	Date Notified	Date of further letters	Letter Ref	Agreed in Principle?	Type See Notes	Change Type See Notes	Delay Estimate (Weeks) Start	Delay Estimate (Weeks) Finish	Delay Estimate (Weeks) Duration	Delay Estimate (Weeks) Agreed	Pricing Method See Notes	Value Estimate (£GBP) E Submitted SDS	E Submitted Bilfinger	E Submitted Siemens	E Submitted Sub-total	E Submitted OH & P	E Submitted Prelims	E Submitted Total	E Agreed	E Not Agreed	Section See Notes	Agreed Cost	Action Required	Action By	Date
38			Delay and Disruption to Roads detailed design as SDS Letter 01074 in accordance with Schedule Part 4 paragraph 3.4.5.1	17/06/2008	29/05/08 27/06/08 01/07/08 28/07/08 30/07/08 22/08/08 (31/07/08) 27/08/08 19/09/08 19/09/08 06/10/08 13/10/08	SDS-ULE90130-SW-LET-01074 25.1.201/TM/169 tie-PD CORR 104A 25.1.201/JH/199 SDS-ULE90130-SW-LET-01130 25.1.201/JH/326 25.1.201/JH/598 (tie-INF_CORR 061) SDS-ULE90130-SW-LET-01174 SDS-ULE90130-SW-LET-01202 tie-INF CORR 169 25.1.201/MRH/622 SDS-ULE90130-SW-LET-01235	N	M	1, 2, 3, 4	TBA	TBA	TBA	TBA	1, 2, 3, 4	0	0	0	0	0	0	0	0	0	All	0	Submit SDS letter 01235 to tie	JH	24/10/08
39			Delay to Shandwick Place Tram Stop Batch (1/16) Validation as SDS Letter 00646 in accordance with Schedule Part 4 paragraph 3.4.5.1	17/06/2008	29/05/08 27/06/08 01/07/08 28/07/08 30/07/08 19/09/08 19/09/08 02/10/08	SDS-ULE90130-01-LET-00646 25.1.201/TM/169 tie-PD CORR 104A 25.1.201/JH/199 SDS-ULE90130-SW-LET-01130 25.1.201/JH/326 SDS-ULE90130-SW-LET-01202 tie-INF CORR 169 25.1.201/JH/591	Y	M	1, 2, 3, 4	TBA	TBA	TBA	TBA	1, 2, 3, 4	0	0	0	0	0	0	0	0	0	1	0	Await confirmation of extension of time to provide Estimate Prepare Estimate	tie JH	24/10/08
40			Delay and Disruption to Ground Investigation as SDS Letter 00647 in accordance with Clause 18 and Clause 65	17/06/2008	27/06/08 27/06/08 01/07/08 28/07/08 30/07/08 19/09/08 19/09/08	25.1.201/TM/169 tie-PD CORR 104A 25.1.201/JH/199 SDS-ULE90130-SW-LET-01130 25.1.201/JH/326 SDS-ULE90130-SW-LET-01202 tie-INF CORR 169	N	M	1, 2, 3, 4	TBA	TBA	TBA	TBA	1, 2, 3, 4	0	0	0	0	0	0	0	0	0	1	0	Tie to respond separately	tie	
41			Delay and Disruption to Haveloton Tramstop, Haveloton Dykes Bridge, Roseburn Retaining Walls as SDS Letter 00241 in accordance with Schedule Part 4 paragraph 3.4.1.3	17/06/2008	27/06/08 01/07/08 28/07/08 30/07/08 19/09/08 02/10/08	25.1.201/TM/169 tie-PD CORR 104A 25.1.201/JH/199 SDS-ULE90130-SW-LET-01130 25.1.201/JH/326 SDS-ULE90130-SW-LET-01202 tie-INF CORR 169 25.1.201/JH/591	N	M	1, 2, 3, 4	TBA	TBA	TBA	TBA	1, 2, 3, 4	0	0	0	0	0	0	0	0	0	3	0	Respond to tie after receipt of reply from SDS	JH	24/10/08
42			Delay and Disruption to Haveloton Tramstop Landscaping as SDS Letter 00247 in accordance with Schedule Part 4 paragraph 3.4.1.3	17/06/2008	27/06/08 01/07/08 28/07/08 30/07/08 19/09/08 19/09/08 02/10/08 02/10/08 03/10/08 21/10/08	25.1.201/TM/169 tie-PD CORR 104A 25.1.201/JH/199 SDS-ULE90130-SW-LET-01130 25.1.201/JH/326 SDS-ULE90130-SW-LET-01202 tie-INF CORR 169 25.1.201/JH/596 25.1.201/JH/600 SDS-ULE90130-01-LET-00268 25.1.201/JH/736	Y	M	1, 2, 3, 4	TBA	TBA	TBA	TBA	1, 2, 3, 4	0	0	0	0	0	0	0	0	0	3	0	Awaiting tie's acceptance of Estimate for design only	tie	
43			Delay and Disruption due to amended design for Shandwick Place Lighting as SDS Letter 00697 in accordance with Schedule Part 4 paragraph 3.4.1.3	17/06/2008	27/06/08 01/07/08 14/07/08(18/06/08) 24/07/08 28/07/08 30/07/08 06/08/08 19/09/08 19/09/08 02/10/08	25.1.201/TM/169 tie-PD CORR 104A 25.1.201/JH/199 25.1.201/JH/255(inc SDS-ULE90130-01-LET-00692) tie-INF_CORR_054 SDS-ULE90130-SW-LET-01130 25.1.201/JH/326 tie-INF_CORR 087 SDS-ULE90130-SW-LET-01202 tie-INF CORR 169 25.1.201/JH/593	N	M	1, 2, 3, 4	TBA	TBA	TBA	TBA	1, 2, 3, 4	0	0	0	0	0	0	0	0	0	1	0	SDS notified of tie's position Respond to tie upon receipt of SDS' reply	SDS JH	24/10/08
44	1		TN0001 : Amendments to Ocean Terminal Layout	28/05/2008	11/06/08 13/06/08 26/06/08 02/07/08 28/07/08 01/09/08 19/09/08 19/09/08 23/09/08 26/09/08 16/10/08	tie-TN0001 25.1.201/TM/151 tie-INF_CORR_002 25.1.201/GC/181 25.1.201/TM/204 SDS-ULE90130-SW-LET-01130 25.1.201/GC/242 tie-INF CORR 154 SDS-ULE90130-SW-LET-01202 tie INF CORR 185 tie INF CORR 244	Y	I	1	TBA	TBA	25 days	TBA	1	0	145,150	0	145,150	Incl	10,194	155,344	0	155,344	1	0	Respond to tie's comments on Estimate (letters 185 & 244)	GC	31/10/08
45			Delay and Disruption due to amended design for A25920 - Balfour Street Tram Stop as SDS Letter 00701 in accordance with Schedule Part 4 paragraph 3.4.1.3	04/07/2008	04/06/08 30/06/08 23/07/08 (22/07/08) 01/08/08 08/08/08 22/08/08	SDS-ULE90130-01-LET-00670 SDS-ULE90130-01-LET-00701 25.1.201/JH/217 25.1.201/JH/290 (inc Tie INF_CORR 045) SDS-ULE90130-01-LET-00748 25.1.201/GC/264 tie-INF CORR 104	Y	M	1, 2, 3, 4	TBA	TBA	TBA	TBA	1, 2, 3, 4	0	0	0	0	0	0	0	0	0	1	0	Obtain and submit SDS design Estimate	JH	24/10/08
46			Delay and Disruption due to amended design for SDS250040-1B Roads,Street Lighting,Landscaping and Drainage as SDS Letter 00701 in accordance with Schedule Part 4 paragraph 3.4.1.3	04/07/2008	04/06/08 30/06/08 01/07/08 11/07/08 22/07/08 23/07/08	SDS-ULE90130-01-LET-00670 SDS-ULE90130-01-LET-00701 SDS-ULE90130-01-LET-00707 25.1.201/JH/217 SDS-ELE90130-01-LET-00732 tie-INF CORR 046 25.1.201/JH/287	N	M	1, 2, 3, 4	TBA	TBA	TBA	TBA	1, 2, 3, 4	0	0	0	0	0	0	0	0	0	1	0	Chase SDS for further substantiation requested in July 2008	JH	24/10/08
47			Delay and Disruption due to amended design for SDS24720 - Issue Roads Design to Roads Authority for Approval Section 1A1 SDS87970 - Issue Roads Design to Roads Authority for Approval Section 1A2 SDS88010 - Issue Roads Design to Roads Authority for Approval Section 1A4 as SDS Letter 00701 in accordance with Schedule Part 4 paragraph 3.4.1.3	04/07/2008	04/06/08 30/06/08 30/06/08 11/07/08 22/07/08 23/07/08	SDS-ULE90130-01-LET-00670 SDS-ULE90130-01-LET-00701 SDS-ULE90130-01-LET-00703 25.1.201/JH/217 SDS-ULE90130-01-LET-00721 tie-INF CORR 046 25.1.201/JH/290	N	M	1, 2, 3, 4	TBA	TBA	TBA	TBA	1, 2, 3, 4	0	0	0	0	0	0	0	0	0	1	0	Chase SDS for further substantiation requested in July 2008	JH	24/10/08
48			Additional TRO Drawings as SDS letter ref ULE90130-SW-LET-01100 dated 4th July , inconjuction with SDS Agreement Sicedule Clause 15, and Schedule 4 Clause 3.5, 5.4	16/07/2008	04/07/08	SDS-ULE90130-SW-LET-0110 25.1.201/JH/868		0	3	N/A	N/A	N/A	TBA	3	3,024	0	0	3,024	325	224	3,573	0	3,573	All	0	Design Estimate only Correct and resubmit design Estimate to tie	JH	24/10/08

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ETN INFRACO NOTIFICATION of tie CHANGE (INTC)

BILFINGER BERGER Civil

CAF:INS

Refs. Ref	Refs. tie	tie Change Order TCO	Description	Date Notified	Date of further letters	Letter Ref	Agreed in Principle?	Type See Notes	Change Type See Notes	Delay Estimate (Weeks) Start	Finish	Duration	Agreed	Pricing Method See Notes	Value Estimate (£GBP) E Submitted SDS	Bilfinger	Siemens	Sub-total	OH & P	Prelims	Total	E Agreed	E Not Agreed	Section See Notes	Agreed Cost	Action Required	Action By	Date
49	6		TNC 6 : Bernard Street Public Realm Works	24/06/2008	08/04/08 27/05/08 28/05/08 12/06/08 12/06/08 12/06/08 30/07/08 26/08/08 18/09/08 19/09/08 22/09/08 22/09/08 30/09/08 21/10/08 23/10/08	BBStie-Email-Bernard St Layout BBStie-Email - Transtop SDS-ULE90130-01-LET-00645 Email BBS/CEC - Prior Agr Sub SDS-ULE90130-01-LET-00685 bbstie-Email Paving be- INF_CORR 009 25.1.201/JL/324 be-INF_CORR 121 25.1.201/JL/465 Email BB-Crunnock-paving SDS-ULE90130-01-LET-00813 be INF CORR 177 25.1.201/JL/550 e-mail Letter (Programme) 25.1.201/JL/650	Y	I	1,2,83	N/A	N/A	N/A	TBA	1,2,83	0	1,046,220	0	1,046,220	incl	178,465	1,224,685	0	1,224,685	1	0	Awaiting response from tie	tie	
50			Various Traffic Signal requirements tie letter INF_CUHH 036 16/07/08	16/07/2008	07/02/08 16/07/08 07/08/08 08/09/08 24/09/08	25.1.201/TM/700 be-INF_CUHH 036 e-l N(BSC) tie & Abb be INF CORR 081 ETN(BSC)TIE&CC&ABC #60039 be INF CORR 183	Y			TBA	TBA	TBA	TBA		0	24,558	0	24,558			24,558	0	24,558	1	0	Respond to tie's request for details of Actual Cost - input required from Siemens	MRH	24/10/08
51	2		TNC002 : Utilities diversions & associated works deemed more suitable for inclusion with Infraco works rather than MUDFA works. Issued with drawings & schedule. Section 5a, 5b and 5c.	06/06/2008	27/06/08 23/07/08 28/07/08 07/08/08 14/08/08 20/08/08 21/08/08 17/09/08 17/09/08 08/10/08 09/10/08 09/10/08 09/10/08 16/10/08 22/10/08	be-PRO CORR 48 25.1.201/GC/181 25.1.201/JH/289 25.1.201/JL/307 be INF- CUHH 063 25.1.201/TM/374 25.1.201/JL/386 25.1.201/JL/393 be-INF CORR 158 be-INF CORR 159 e-mail Infraco-SDS (MRH) 25.1.201/JL/638 25.1.201/JL/648 25.1.201/JL/654 be INF CUHH 244 25.1.201/JL/48	Y	M		TBA	TBA	TBA	TBA	3	0	76,885	0	76,885	incl	5,689	82,574	0	82,574	5	0	Awaiting tie's acceptance of Estimate	tie	
52	3		TNC003 : Utilities diversions & associated works deemed more suitable for inclusion with Infraco works rather than MUDFA works. Issued with drawings & schedule. Section 5a, 5b and 5c.	06/06/2008	11/07/08 23/07/08 26/07/08 20/08/08 21/08/08 09/09/08 17/09/08 09/10/08 16/10/08 27/10/08	be-PRO CORR 48 SDS-ULE90130-01-LET-00721 25.1.201/JH/289 25.1.201/JL/308 25.1.201/JL/386 25.1.201/JL/393 25.1.201/JH/489 be INF CORR 158 e-mail Infraco-SDS (MRH) be INF CORR 244 be INF CUHH 275	Y	M		TBA	TBA	TBA	TBA	3	0	165,851	0	165,851	12,509	11,648	190,008	51,634	138,374	5	0	Respond to tie's revised Estimate	IL	31/10/08
53	4	3	TNC004 : Utilities diversions & associated works deemed more suitable for inclusion with Infraco works rather than MUDFA works. Issued with drawings & schedule. Section 5a, 5b and 5c.	06/06/2008	07/07/08 23/07/08 28/07/08 05/08/08 20/08/08 21/08/08 22/08/08 08/09/08 09/09/08 16/09/08 17/09/08 02/10/08 08/10/08 10/10/08 16/10/08	be-PRO CORR 48 SDS-ULE90130-01-LET-00722 25.1.201/JH/289 25.1.201/JL/309 be-INF_CORR 068 25.1.201/JL/386 25.1.201/JL/393 25.1.201/JH/400 Preservation Form Lochside House 25.1.201/JH/467 be-INF CUHH 141 be INF CORR 158 Email BB-T cost of BT diversion e-mail Infraco-SDS (MRH) be INF CORR 211 be INF CORR 244	Y	I		TBA	TBA	TBA	TBA	3	0	31,899	0	31,899	incl	2,324	33,723	33,723	0	5	33,723	Estimate agreed		
54	7		TNC007 : St Andrew Square Public Realm Works as CEC specification (Draft). Site forming extended area over Infraco contract. Issued with drawings & specification Volume 2 Part 7	24/06/2008	15/07/08 28/07/08 31/07/08 05/08/08 01/09/08 22/09/08 25/09/08 30/10/08	be- INF_CORR 009 bbstie- Email Estimate Inclusions 25.1.201/JL/310 25.1.201/JL/356 be-INF_CORR 071 be-INF_CORR 130 Quote - Stonepave Email Siemens/BB Re Programme E-mails be-BBSC-tie	Y	D		TBA	TBA	TBA	TBA	3	420,000	8,860,391	0	9,280,391	incl	654,047	9,934,438		9,934,438	1	0	Details of Impact on Programme	ISS	07/11/08
55			Delay and Disruption due to late approvalby CEC of SDS27980 -3C Roads,Street Lighting,Landscaping as SDS Letter 00256 dated 8th July 2008 and in accordance with Schedule Part 4 paragraph 3.4.1.3	29/07/2008		25.1.201/JH/319		M	1,4	TBA	TBA	TBA	TBA	1,4	0	0	0	0	0	0	0	0	0	3	0	Awaiting further instruction from tie	tie	
56			Delay and Disruption by CEC due to late registering Section 1A (stitch 1A/B) (rest of the walk transtop and associated line of route) as SDS Letter 00721 dated 11th July 2008 and in accordance with Schedule Part 4 paragraph 3.4.1.3	29/07/2008	11/07/08 02/09/08	SDS-ULE90130-01-LET-00721 25.1.201/JH/319 SDS-ULE90130-01-LET-00783		M	1,4	TBA	TBA	TBA	TBA	1,4	0	0	0	0	0	0	0	0	1	0	Awaiting further instruction from tie	tie	
57			Delay and Disruption due to late approval by CEC of Section 1D as SDS Letter 00722 dated 7th July 2008 and in accordance with Schedule Part 4 paragraph 3.4.1.3	29/07/2008		25.1.201/JH/319		M	1,4	TBA	TBA	TBA	TBA	1,4	0	0	0	0	0	0	0	0	1	0	Awaiting further instruction from tie	tie	
58			Delay and Disruption due to notification from CEC with respect to road safety Auditors comments for Haymarket Area of Section 1D as SDS Letter 00733 dated 11th July 2008 and in accordance with Schedule Part 4 paragraph 3.4.1.3	29/07/2008		25.1.201/JH/319		M	1,4	TBA	TBA	TBA	TBA	1,4	0	0	0	0	0	0	0	0	1	0	Awaiting further instruction from tie	tie	
59			Notified Departure in accordance with 3.4.37 and 3.5 Schedule Part 4 due to the Asbestos Survey carried out by tie and the presence of Asbestos in Piles 75,77,92,103,130 & 150 causing delay and disruption to the Infraco's intended programme and method of work	31/07/2008	11/09/08 27/10/08 28/10/08	25.1.201/JL/337 Email BBStie - Hunter Demolition Quote be INF CORR 274 25.1.201/JL/781	Y	M	4	TBA	TBA	TBA	TBA	4	0	22,200	0	22,200	2,220	1,807	26,227	0	26,227	2,5	0	Awaiting tie's acceptance of Estimate	tie	
60	11 / 12		Diversion of Existing Sewer at Gogarburn Bridge due to conflict with the existing 300mm dia combined sewer with the Gogarburn Bridge concrete piling potentely causing delay and disruption to the Infraco's intended sequence.	24/07/2008	06/08/08 08/08/08 11/08/08 25/08/08 09/09/08 16/09/08 19/09/08 26/09/08 24/09/08 30/09/08 02/10/08 03/10/08 10/10/08 28/10/08	be-INF_CORR_053 SDS-ULE90130-07-LET-003660 25.1.201/GC/063 e-l N(BSC) tie&Abb #60000 be-INF CUHH 118 25.1.201/TM/471 be-INF CORR 162 25.1.520/HO/510 25.1.201/JH/542 be INF CORR 182 be INF CORR 194 25.1.201/JH/582 Email BB-T - Revised Estimate be INF CUHH 217 e-mail bbSC - tie	Y	M	4	TBA	TBA	TBA	TBA	4	8,553	30,122	0	38,675	3,124	2,862	44,661	25,945	18,716	7	25,945	Notify SDS of tie's revision of its Estimate Awaiting tie's acceptance of Estimate	JH tie	24/10/08

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ETN INFRACO NOTIFICATION of tie CHANGE (INTC)

BILFINGER BERGER Civil

Refs. Ref	Refs. tie	tie Change Order TCO	Description	Date Notified	Date of further letters	Letter Ref	Agreed in Principle?	Type See Notes	Change Type See Notes	Delay Estimate (Weeks) Start	Finish	Duration	Agreed	Pricing Method See Notes	COSTS Value Estimate (£GBP) E Submitted SDS	Bilfinger	Siemens	Sub-total	OH & P	Prelims	Total	E Agreed	E Not Agreed	Section See Notes	Agreed Cost	Action Required	Action By	Date
61	TI 3		Infraco to investigate proposals for the re-use of the RBS Bunded Material within the final design	08/08/2008	01/08/08 25/08/08 16/09/08 22/09/08 25/09/08 01/10/08	SDS-ULE90130-07-LET-00359 25.1.201/GC066 tie-INF CORR 119 tie-INF_CORR 140 SDS-ULE90130-SW-LET-01204 25.1.201/JH529 tie INF CORR 197	Y	M	4	TBA	TBA	TBA	TBA	4	0	35,053	0	35,053	3,765	2,594	41,411	0	41,411	7	0	Respond to tie's comments on Estimate	GC	31/10/08
62	TI 4		Draw down from Defined Provisional Sum Item 2 Scottish Power connections to the Depot and Ingliston Park & Ride and Item 11 Scottish Power connections to Phase 1a sub-stations, in Schedule Part 4 Appendix B Table 1	08/08/2008	11/09/08 02/10/08	tie INF CORR 084 tie INF CORR 203	Y	U		TBA	TBA	TBA	TBA		0	0	0	0	0	0	0	0		/	0	Respond to tie letter with input from Siemens	IL	15/11/08
63			Tensioning of Overhead Contact System: tensioning method, comprising an Auto Tensioned Trolley Wire for the street running areas and Auto Tensioned Catenary System for Haymarket (exclusive) to the Airport	15/08/2008	22/08/08 02/10/08	ETN(BSC)TIE&CC&ABC-050012 tie-INF CORR 106 tie INF CORR 202	Y			TBA	TBA	TBA	TBA		0	0	0	0	0	0	0	0		2,5,7	0	Respond to tie letter with input from Siemens	IL	15/11/08
64	9		TNC009 : Ocean Terminal Revised Finishes	29/07/2008	21/08/08 10/10/08 23/10/08	tie-INF_CORR 027 25.1.201/JL291 tie INF CORR 223 25.1.201/JL/701	Y			TBA	TBA	TBA	TBA	3	0	0	0	0	0	0	0	0	0	1	0	Awaiting further information from tie	tie	
65	TI 5		Murrayfield Retaining Walls Introduce visual pattern to Murryfield RTW	23/07/2008	04/07/08 24/07/08 08/08/08 15/08/08 21/08/08 05/09/08 02/10/08 09/10/08	SDS-ULE90130-05-LET-00285 25.1.201/JH/265 tie-INF CORR_050 tie-INF CORR 089 SDS-ULE90130-05-LET-00310 25.1.201/JH/389 tie-INF CORR 138 25.1.201/JH/570 SDS-ULE-90130-SW-LET-01227	Y	M		TBA	TBA	TBA	TBA	4	3,107	440	0	3,547	381	262	4,190	0	4,190	5	0	Design estimate only Response to tie letter 138 required requesting a Change Order for the Design to allow the construction Estimate to be prepared.	JH	24/10/08
66	TI 3		TNC 013 : Revised Specification (RBS) Gogarburn Tramstop Feasibility cost for revised Tramstop based on Doig and Smith Feasibility	23/07/2008	29/07/08 31/07/08 21/08/08 11/09/08 02/10/08 15/10/08 16/10/08 21/10/08 22/10/08 23/10/08	tie-INF CORR 052 25.1.201/JL318 25.1.201/JL330 25.1.201/JL392 tie INF CORR 156 25.1.201/JH/664 tie INF CORR 188 tie INF CORR 244 25.1.201/JL734 25.1.201/JL749 E-mails tie-BBSC-tie	Y			TBA	TBA	TBA	TBA	3	0	2,500	0	2,500	incl	incl	2,500	0	2,500	/	0	Provide Estimate to tie	IL	14/11/08
66a			Revised Specification (RBS) Gogarburn Tramstop version 2							TBA	TBA	TBA	TBA									0			0	Notice of Change required to tie Revised Estimate required	IL IL	24/10/08 24/10/08
67			Murrayfield Tramstop Provision of secondary staircase	15/07/2008	04/07/08 24/07/08 08/08/08 15/08/08 21/08/08 05/09/08 02/10/08 16/10/08	SDS-ULE90130-05-LET-00286 25.1.201/JH/264 tie-INF CORR_050 tie-INF CORR 088 SDS-ULE-05-LET-00311 25.1.201/JH/388 tie-INF CORR 138 25.1.201/JH/571 SDS-ULE90130-SW-LET-01246	Y	M		TBA	TBA	TBA	TBA	4	32,266	440	0	32,706	3,513	2,420	38,639	0	38,639	5	0	Request a Change Order for the Design to allow the construction Estimate to be prepared Submit SDS letter 01246 to tie	JH JH	24/10/08 24/10/08
68			Delay to issue of Edinburgh Park - Earthworks and Drainage IFC Drawings as a result of delayed drainage consents.	22/08/2008	19/09/08	25.1.201/GC406 tie-INF CORR 168.1	N	M		TBA	TBA	TBA	TBA	4	0	0	0	0	0	0	0	0	0	5	0	Awaiting SDS input to allow us to respond to tie's negative ruling	JH	24/10/08
69			Gyle Stop retaining Walls	22/08/2008	18/09/08 22/09/08	25.1.201/GC407 tie-INF CORR 164 25.1.201/JL/751	Y	M		TBA	TBA	TBA	TBA	4	0	0	0	0	0	0	0	0	0	5	0	Extension of time requested to provide Estimate Prepare Estimate	IL	TBA
70			Blankhead Retaining Walls	22/08/2008	18/09/08 22/10/08	25.1.201/GC408 tie-INF CORR 165 25.1.201/JL752	Y	M		TBA	TBA	TBA	TBA	4	0	0	0	0	0	0	0	0	0	5	0	Extension of time requested to provide Estimate Prepare Estimate	IL	TBA
71			FoWto Balfour Street IFC Drawings (As 68)	22/08/2008	19/09/08	25.1.201/GC409 tie-INF CORR 168.1	N	M		TBA	TBA	TBA	TBA	4	0	0	0	0	0	0	0	0	0	1	0	Awaiting SDS input to allow us to respond to tie's negative ruling	JH	24/10/08
72			Haymarket to Roseburn Junction - SWC consent Issue (as 68)	22/08/2008	19/09/08	25.1.201/GC410 tie-INF CORR 168.1	N	M		TBA	TBA	TBA	TBA	4	0	0	0	0	0	0	0	0	0	2	0	Awaiting SDS input to allow us to respond to tie's negative ruling	JH	24/10/08
73			Russell road Retaining Wall - Contamination Knotweed	22/08/2008	17/09/08	25.1.201/GC411 tie INF CORR 166	N	M		TBA	TBA	TBA	TBA	4	0	0	0	0	0	0	0	0	0	5	0	Request an extension of time to provide an Estimate. Prepare Estimate	GC GC	31/10/08 TBA
74	TI 11		Sewer Diversion, Gogar Landfill	05/08/2008	25/08/08 17/09/08 25/09/08 01/10/08 01/10/08 28/10/08	tie-INF_CORR 075 25.1.201/GC415 tie-INF CORR 160 25.1.201/JL530 Email TxBB - Estimate Comments tie INF CORR 196 25.1.201/JH/786	Y	M		TBA	TBA	TBA	TBA	4	3,000	20,329	0	23,329	2,287	1,889	27,305	12,729	14,576	7	12,729	Respond to tie's comments on Estimate. Advise tie that work will not commence until a tie Change Order is received	GC GC	24/10/08 24/10/08
75	TI 12		Temporary Access Ramp from Depot	05/08/2008	25/08/08 17/09/08 13/10/08 15/10/08 20/10/08	tie INF CORR 078 25.1.201/GC416 tie INF CORR 161 25.1.201/MRH/665 tie INF CORR 234 25.1.201/MRH/723	Y	M		TBA	TBA	TBA	TBA	4	0	0	0	0	0	0	0	0	0	6	0	Provide Estimate - URGENT	GC	24/10/08
76	15		Gogar Depot Public Tramstop proposals GRIP options 4B & 4C2	08/08/2008	01/08/08 20/08/08 19/09/08 19/09/08 03/10/08	25.1.201/JH/538 tie INF CORR 096 25.1.201/GC085 SDS-ULE90130-06-LET-00106 SDS-ULE90130-06-LET-00107 25.1.201/JL/427	Y	I	1,2 & 3	TBA	TBA	TBA	TBA	1,2 & 3	360,000	2,082,500	924,350	3,366,850	36,000	251,811	3,654,661	0	3,654,661	6	0	Figures shown are for Option 4B (Budget only) Awaiting tie's confirmation of which option, if any is to be progressed	tie	
77	TI 19		DESIGN ONLY to Amend line of route design section 5C Stretch 5(2) Prior approval application Ref 08/02221/PA as tie letter INF CORR 056 dated 25th July 2008.	25/08/2008	25/07/08 18/08/08 18/09/08 03/10/08 10/10/08 16/10/08	tie-INF CORR 055 SDS-ULE90130-05-LET-00317 25.1.201/JH/430 tie-INF CORR 155 25.1.201/MRH/613 tie INF CORR 224 25.1.201/MRH/691	Y	M	4	TBA	TBA	TBA	TBA	4	2,962	440	0	3,402	366	252	4,019	0	4,019	5	0	Estimate is for Design only Request a Change Order to allow us to obtain a design for development into an Estimate	JH	24/10/08
78			Design Only for Alterations to design of Edinburgh Airport Tramstop and retaining wall design at Jubilee Road as tie letter INF_CORR 072 dated 5th August 2008	22/09/2008	19/06/08 14/07/08 01/08/08 05/08/08 20/08/08 26/08/08 22/09/08 25/09/08 02/10/08 09/10/08 14/10/08 23/09/08 23/10/08 27/10/08	SDS-ULE90130-07-LET-00344 25.1.201/JH/261 25.1.201/SR/321 tie-INF CORR_072 SDS-ULE90130-07-LET-00363 tie-INF CORR 122 25.1.201/JH/444 25.1.201/JH/516 tie INF CORR 184 25.1.201/JH/567 SDS-ULE90130-SW-LET-01228 25.1.201/MRH/675 tie INF CORR 258 SDS-ULE90130-SW-LET-01248 25.1.201/MRH/773	Y	M	4	TBA	TBA	TBA	TBA	4	51,815	440	0	52,255	5,612	3,867	61,734	0	61,734	7	0	Estimate is for Design only Request a Change Order to allow us to obtain a design for development into an Estimate.	JH	24/10/08

CEC01169379_0128

ETN INFRACO NOTIFICATION of tie CHANGE (INTC)

BILFINGER BERGER Civil

Refs. Ref	Refs. tie	tie Change Order TCO	Description	Date Notified	Date of further letters	Letter Ref	Agreed in Principle?	Type See Notes	Change Type See Notes	Delay Estimate (Weeks) Start	Finish	Duration	Agreed	Pricing Method See Notes	COSTS Value Estimate (£GBP) E Submitted SDS	Bilfinger	Siemens	Sub-total	OH & P	Prelims	Total	E Agreed	E Not Agreed	Section See Notes	Agreed Cost	Action Required	Action By	Date
79			Instruction from CEC to design an alternative layout for Haymarket Junction	03/09/2008	20/08/08 02/10/08 16/10/08 16/10/08 22/10/08	SDS-ULE90130-01-LET-00768 25.1.201/JH/452 25.1.201/JH/573 tie INF CORR 238 SDS-ULE90130-SW-LET-01232 25.1.201/JH/482		M	4	tbA	tbA	tbA	tbA	4	51,021	440	0	51,461	5,146	3,858	60,415	0	60,415	2	0	Estimate is for Design only Request a Change Order to allow us to obtain a design for development into an Estimate. Response to tie letter 238	JH JH	24/10/08 24/10/08
80			Sugarburn Retaining Wall - CEC requesting change to the finish of the wall as per PB letter ULE901330-07-LET-00369 dated 3 September.	09/09/2008	03/09/08 26/09/08 02/10/08 02/10/08 29/10/08	SDS-ULE90130-07-LET-00369 25.1.201/JH/467 SDS-ULE90130-07-LET-00373 25.1.201/JH/580 SDS-ULE90130-SW-LET-01229 25.1.201/JH/795		M	4	TBA	TBA	TBA	TBA	4	0	0	0	0	0	0	0	0		7	0	Awaiting tie Change Order for design only	tie	
81			Environmentally Friendly Lighting - CEC have requested using 42 watt pil lamp rather than the 70 watt CDO (white light) as per Hbl letter ULE901330-SW-LET-01184 dated 3 September 2008.	09/09/2008	03/09/08 22/09/08 22/09/08 30/09/08 02/10/08 22/10/08 22/10/08	SDS-ULE90130-SW-LET-01184 Change Notification tie INF CORR 173 25.1.201/JH/468 SDS-ULE90130-05-LET-00332 25.1.201/JH/581 25.1.201/JH/739 SDS-ULE90130-05-LET-00341		M	4	TBA	TBA	TBA	TBA	4	9,966	0	0	9,966	996	737	11,698	0	11,698	All	0	Design Estimate only Forward SDS letter to tie	JH	21/10/08
82			Contamination : fly tipping, Oil pollution Contaminated material Household waste Giant Hogweed	26/09/2008	02/07/08 19/09/08	25.1.201/TM/208 25.1.201/TM/424 tie-INF CORR 168	N			TBA	TBA	TBA	TBA		0	0	0	0	0	0	0	0		2, 3, 5	0	Response required to tie letter on each separate topic. Estimate required by 07/10/08 for dealing with oil pollution. Request extensions of time to prepare Estimates if appropriate	GC IL GC	24/10/08 24/10/08 24/10/08
83			Traffic Management - Temporary Traffic Signals	21/08/2008	30/07/08 07/08/08 08/08/08 25/09/08 06/10/08 15/10/08	25.201.00/PW/320 tie-INF CORR 079 25.1.201/PW/367 25.1.201/MR/72 tie INF CORR 136 tie INF CORR 151 25.1.201/PW/665	N			tbA	tbA	tbA	tbA		U	U	U	U	U	U	U	U		3	U	Awaiting tie's response	tie	
84	5		TN0005-Burnside road Diversion - Fees for design (INF_CORR 006)	20/06/2008	23/06/08 10/07/08 16/07/08 30/07/08 14/08/08 26/08/08 26/08/08 10/09/08 02/10/08 09/10/08 16/10/08 29/10/08	tie-INF CORR 006 25.1.201/JH/176 SDS-ULE90130-SW-LET-00352 25.1.201/JH/269 tie-INF CORR 062 25.1.201/TM/376 25.1.201/JH/419 SDS-ULE90130-05-LET-00323 25.1.201/JH/477 25.1.201/JH/569 SDS-ULE90130-SW-LET-01221 tie INF CORR 234 25.1.201/JH/759		M	4	tbA	tbA	tbA	tbA	4	25,860	440	0	26,300	2,782	1,917	30,999	0	30,999	7	0	Estimate is for Design only Provide Estimate for abortive costs	JH	24/10/08
85	8		TN0008 - Lindsey Road Retaining Wall Cost Estimate	02/07/2008	30/07/08 16/10/08	tie-INF CORR 021 BBtie - Email updated position tie INF CORR 244	Y	M	4	TBA	TBA	TBA	TBA	4	0	0	0	0	0	0	0	0		1	0	Estimate to be provided to tie	IU	24/10/08
86	10		Request for Extended Period of Time - TN0010, MUPA 10 (INFRACO transfer of Utilities Diversion Section 1A, 1B, 1C and 1D	28/08/2008	28/08/08 29/08/08 21/08/08 17/09/08 14/10/08 16/10/08 23/10/08 27/10/08 29/10/08	tie-INF CORR 091 25.1.201/AU/384 25.1.201/IL/387 25.1.201/IL/393 tie INF CORR 157 Email - Conflict Services tie INF CORR 244 25.1.201/IL/764 tie INF CORR 273 25.1.201/MRH/---	Y	M		TBA	TBA	TBA	TBA		0	0	0	0	0	0	0	0		1	0	Produce and submit Estimate	IL	07/11/08
87	11		Duct Installation at Leith Walk	11/07/2008	22/06/08 14/07/08 31/07/08 21/08/08 18/09/08 17/09/08 23/09/08 23/09/08 22/09/08 06/10/08 08/10/08 16/10/08 27/10/08	Email BBtie - re Estimate tie-INF CORR 030 email BB/BB re INF CORR 030 25.1.201/JH/328 25.1.201/IL/390 25.1.201/IL/415 tie INF CORR 158 25.1.201/IL/520 <Core Estimate 25.1.201/IL/520 tie INF CORR 175 tie INF CORR 206 e-mail Infraco-SDS (MRH) tie INF CORR 240 tie INF CORR 276	Y							4	U	72,753	U	72,753	7,275	5,367	85,395	85,395		1	85,395	Includes Hov Sum of £5,000. Estimate Agreed		
88	14		Power Connections Phase 1a	08/08/2008	26/09/08 16/10/08	tie-INF CORR 084 ETN(BSC)TIE&ABC#050055 tie INF CORR 244	Y			TBA	TBA	TBA	TBA		0	0	2,715,360	2,715,360	461,610	200,936	3,377,895	0	3,377,895	All	0	budget Estimate only - awaiting tie's response	tie	
89			Balfour Street Crossing	08/10/2008	01/08/2008	SDS-ULE90130-01-LET-00746 25.1.201/JH/484				TBA	TBA	TBA	TBA		0	0	0	0	0	0	0	0		1	0	Provide Estimate	JH	21/11/08
90			Change order request: SDS Development Workshop Attendance	31/07/2008	30/04/08 23/07/08 21/08/08 26/09/08	PO CORR 066SS/23 ULE90130-SW-LET-01085 25.1.201/JH/529 tie-INF CORR 102 25.1.201/JH/541	N			tbA	tbA	tbA	tbA		60,051	440		60,491	6,497	4,476	71,464	U	71,464	All	U	Advised SDS that this item has been covered and paid for under the ER alignment in the Novation settlement. Awaiting response from SDS	SDS	
91			Confirmation of Verbal Intrucion Reference ETN002 - Compensation Event Notice	10/09/2008	02/10/08 03/10/08 29/10/08	25.1.201/MRH/479 25.1.201/JH/580 tie INF CORR 234 25.1.201/JH/756				tbA	tbA	tbA	tbA		U	U	U	U	U	U	U	U		5	U	Provide Estimate	IO	21/11/08
92			Design the Russell Road retaining wall to ensure that this avoids clashing with the existing sewer as per tie letter INF_CORR_051 dated 23/07/08.	11/08/2008	23/07/08 26/07/08 02/09/08 29/08/08 02/10/08 09/10/08 15/10/08 22/10/08	INF CORR 051 25.1.201/JH/313 SDS-ULE90130-05-LET-00324 25.1.201/JH/467 SDS-ULE90130-SW-LET-01230 25.1.201/JH/574 SDS-ULE90130-SW-LET-01230 tie INF CORR 235 25.1.201/JH/737	N/A	M		tbA	tbA	tbA	tbA		U	U	U	U	U	U	U	U	U	5	U	Cancelled/Withdrawn		
93			Linsay Road, Ocean Drive, Ocean Terminal & Tower Place Planning Permission	24/09/2008	20/10/08 24/10/08	25.1.201/JH/526 tie INF CORR 248 25.1.201/JH/766	N	M		TBA	TBA	TBA	TBA		40,137	440	0	40,577	4,058	3,003	47,637	0	47,637	1	0	Estimate for Design only. Response to tie letter on receipt of reply from SDS	JH	31/10/08
94			Hilton Hotel Full Planning	14/07/2008	17/06/08 23/06/08 08/08/08 22/09/08	PB-ULE90130-07-LET-00339 25.1.201/JH/256 tie-INF CORR 124 PB-ULE90130-07-LET-00370 25.1.201/JH/514	N			tbA	tbA	tbA	tbA		U	U	U	U	U	U	U	U	U	7	U	Awaiting response from SDS to tie's assertions that this Change is included in the Final Account for the tie/SDS contract.	SDS	
95			Additional Depot Hror Approvals	14/07/2008	17/06/08 05/08/08 22/08/08 09/09/08 10/10/08	SDS-ULE90130-06-LET-00073 25.1.201/JH/259 tie-INF CORR 069 25.1.201/JH/399 PB-ULE90130-06-LET-00105 25.1.201/MRH/669	N			TBA	TBA	TBA	TBA		0	0	0	0	0	0	0	0	0	7	0	Awaiting response from SDS to tie's assertions that this Change is included in the Final Account for the tie/SDS contract.	SDS	

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ETN INFRACO NOTIFICATION of tie CHANGE (INTC)

BILFINGER BERGER Civil

CAF:NS

Refs. Ref	Refs. tie	tie Change Order TCO	Description	Date Notified	Date of further letters	Letter Ref	Agreed in Principle?	Type See Notes	Change Type See Notes	Delay Estimate (Weeks) Start	Finish	Duration	Agreed	Pricing Method See Notes	Value Estimate (£GBP) SDS	Bilfinger	Siemens	E Submitted Sub-total	OH & P	Prelims	Total	E Agreed	E Not Agreed	Section See Notes	Agreed Cost	Action Required	Action By	Date
96			Shandwick Place DED preferential Treatments	24/07/2008	02/09/08 11/09/08 02/10/08 16/10/08 15/10/08 20/10/08 21/10/08	be-INF CORR 054 SDS-ULE90130-01-LET-00784 25.1.201/JH/489 25.1.201/JH/568 SDS-ULE90130-SW-LET-01242 be INF CORR 236 25.1.201/MRH/722 25.1.201/JH/732	Y	M		TBA	TBA	TBA	TBA	4	13,158	0	0	13,158	1,316	1,974	15,447	0	15,447	1	0	Estimate forPreliminary Design only Awaiting further instruction from tie	tie	
97			Balgreen road Bridge Amending Technical Design	14/07/2008	19/08/08 23/07/08 25/07/08 29/08/08 22/09/08 02/10/08 06/10/08 09/10/08 15/10/08 20/10/08	SDS-ULE90130-05-LET-00279 25.1.201/JH/258 ULE90130-05-LET-00300 be-INF CORR 086 25.1.201/JH/432 SDS-ULE90130-05-LET-00329 25.1.201/JH/568 25.1.201/MRH/621 SDS-L90130-SW-LET-01226 be INF CORR 229 25.1.201/MRH/721	N			TBA	TBA	TBA	TBA		0	0	0	0	0	0	0	0	5	0	Response to tie's suggestion that this is normal design development	JH	31/10/08
98			Infraco Notifications due to the issue of SDS Design programme V32.	11/09/2008	30/09/08 15/10/08	25.1.201/GC/486 be INF CORR 190 25.1.201/MRH/695	N	M		TBA	TBA	TBA	TBA	1	0	0	0	0	0	0	0	0		All	0	Advise SDS of required date for Estimate and request demonstration of cause of delays.	GC	31/10/08
99			Infraco Notifications due to the issue of SDS Design programme V33.	11/09/2008	30/09/08 15/10/08	25.1.201/GC/486 be INF CORR 190 25.1.201/MRH/695	N	M		TBA	TBA	TBA	TBA	1	0	0	0	0	0	0	0	0		All	0	Advise SDS of required date for Estimate and request demonstration of cause of delays.	GC	31/10/08
100			Infraco Notifications due to the issue of SDS Design programme V34.	11/09/2008	30/09/08 15/10/08	25.1.201/GC/486 be INF CORR 190 25.1.201/MRH/695	N	M		TBA	TBA	TBA	TBA	1	0	0	0	0	0	0	0	0		All	0	Advise SDS of required date for Estimate and request demonstration of cause of delays.	GC	31/10/08
101			Infraco Notifications due to the issue of SDS Design programme V35.	11/09/2008	30/09/08 15/10/08	25.1.201/GC/486 be INF CORR 190 25.1.201/MRH/695	N	M		TBA	TBA	TBA	TBA	1	0	0	0	0	0	0	0	0		All	0	Advise SDS of required date for Estimate and request demonstration of cause of delays.	GC	31/10/08
102			Section 5C - Gogar Church and Gogar Castle	27/08/2008	? 26/06/08 03/07/08 21/08/08 25/07/08 28/08/08 17/09/08	RFI 0046 25.1.201/TM/180 be INF CORR 023 be INF CORR 101 25.1.201/TM/297 25.1.201/TM/441 CW Ref. SC/0001 be INF CORR 163	N			TBA	TBA	TBA	TBA		0	0	0	0	0	0	0	0	5	0	Draft response to be for discussion with Colin Grant and Jim Donaldson.	TM/MRH	24/10/08
103			Saltire Square Tramstop							TBA	TBA	TBA	TBA		0	0	0	0	0	0	0	0	0	3	0	Notice of Change required to tie.	JH	24/10/08
104			IFC Drawing Change Baird Drive RTW	15/09/2008	23/09/08 02/10/08 23/10/08 29/10/08	25.1.201/IO/497 be INF CORR 179 25.1.201/JH/576 25.1.201/IO/757 25.1.201/JH/797		M		TBA	TBA	TBA	TBA	1,4	0	0	0	0	0	0	0	0		5	0	Awaiting SDS' reasons for change Provide Estimate	SDS IO	21/11/08
105			IFC Drawing Change Balgreen Road Retaining Wall	15/09/2008	23/09/08 02/10/08 23/10/08 29/10/08	25.1.201/IO/497 be INF CORR 179 25.1.201/JH/576 25.1.201/IO/757 25.1.201/JH/797		M		TBA	TBA	TBA	TBA	1,4	0	0	0	0	0	0	0	0		5	0	Awaiting SDS' reasons for change Provide Estimate	SDS IO	21/11/08
106			IFC Drawing Change Murrayfield Stadium RTW	15/09/2008	23/09/08 23/10/08	25.1.201/IO/497 be INF CORR 179 25.1.201/IO/757		M		TBA	TBA	TBA	TBA	1,4	0	0	0	0	0	0	0	0		5	0	Provide Estimate	IO	21/11/08
107			IFC Drawing Change Bankhead RTW	15/09/2008	23/09/08 02/10/08 23/10/08 29/10/08	25.1.201/IO/497 be INF CORR 179 25.1.201/JH/576 25.1.201/IO/757 25.1.201/JH/797		M		TBA	TBA	TBA	TBA	4	0	0	0	0	0	0	0	0		5	0	Awaiting SDS' reasons for change Provide Estimate	SDS IO	21/11/08
108			IFC Drawing Change Gyle Stop RTW	15/09/2008	23/09/08 23/10/08	25.1.201/IO/497 be INF CORR 179 25.1.201/IO/757		M		TBA	TBA	TBA	TBA	1,4	0	0	0	0	0	0	0	0		5	0	Provide Estimate	IO	21/11/08
109			IFC Drawing Change Murrayfield Underpass	15/09/2008	23/09/08 23/10/08	25.1.201/IO/497 be INF CORR 179 25.1.201/IO/757		M		TBA	TBA	TBA	TBA	1,4	0	0	0	0	0	0	0	0		5	0	Provide Estimate	IO	21/11/08
110			IFC Drawing Change South Gyle Access Bridge	15/09/2008	23/09/08 02/10/08 23/10/08 29/10/08	25.1.201/IO/497 be INF CORR 179 25.1.201/JH/576 25.1.201/IO/757 25.1.201/JH/797		M		TBA	TBA	TBA	TBA	1,4	0	0	0	0	0	0	0	0		5	0	Awaiting SDS' reasons for change Provide Estimate	SDS IO	21/11/08
111			IFC Drawing Change Gogarburn Bridge	19/09/2008	30/09/08 15/10/08 16/10/08	25.1.201/IO/503 be INF CORR 193 25.1.201/MRH/679 25.1.201/MRH/705		M		TBA	TBA	TBA	TBA	1,4	0	0	0	0	0	0	0	0		7	0	Provide Estimate	IO	15/11/08
112			IFC Drawing Change Haymarket Viaduct	19/09/2008	30/09/08 15/10/08 16/10/08	25.1.201/IO/504 be INF CORR 193 25.1.201/MRH/679 25.1.201/MRH/705		M		TBA	TBA	TBA	TBA	1,4	0	0	0	0	0	0	0	0		2	0	Provide Estimate	IO	15/11/08
113			IFC Drawing Change Russell Road Bridge	19/09/2008	30/09/08 15/10/08 16/10/08	25.1.201/IO/505 be INF CORR 193 25.1.201/MRH/679 25.1.201/MRH/705		M		TBA	TBA	TBA	TBA	1,4	0	0	0	0	0	0	0	0		2	0	Provide Estimate	IO	15/11/08
114			IFC Drawing Change Roseburn Viaduct	19/09/2008	30/09/08 15/10/08 16/10/08	25.1.201/IO/506 be INF CORR 193 25.1.201/MRH/679 25.1.201/MRH/705		M		TBA	TBA	TBA	TBA	1,4	0	0	0	0	0	0	0	0		5	0	Provide Estimate	IO	15/11/08
115			IFC Drawing Change Carrickknowe Bridge	19/09/2008	02/10/08 23/10/08 15/10/08 16/10/08	25.1.201/IO/507 (email tbb - parapets be INF CORR 193 25.1.201/MRH/679 25.1.201/MRH/705		M		TBA	TBA	TBA	TBA	1,4	0	0	0	0	0	0	0	0		5	0	Provide Estimate	IO	15/11/08
116			IFC Drawings Water of Leith Bridge	19/09/2008	30/09/08 15/10/08 16/10/08	25.1.201/IO/508 be INF CORR 193 25.1.201/MRH/679 25.1.201/MRH/705		M		TBA	TBA	TBA	TBA	1,4	0	0	0	0	0	0	0	0		1	0	Provide Estimate	IO	15/11/08
117			Extra Demolition required at Russell Road Retaining wall to Roseburn Street Units & Roseburn Garage.	18/09/2008	11/08/2008 26/08/08 21/10/08	TQ 066; RFI 102 25.1.201/LJ/497 25.1.201/LJ/7/b		M		TBA	TBA	TBA	TBA	4	0	0	0	0	0	0	0	0		5	0	Awaiting further instruction from tie	tie	
118			IFC Drawing Change Cathedral Lane Sub Station	14/10/2008	16/09/2008 23/09/08 22/10/08 28/10/08	be-INF CORR 153 25.1.201/IO/670 be INF CORR 258 be INF CORR 269 25.1.201/MRH/778	Y			TBA	TBA	TBA	TBA		0	0	0	0	0	0	0	0	1	0	Prepare Estimate	IL	15/11/08
119			IFC Drawing Change Leith Walk Sub Station	14/10/2008	23/09/08 22/10/08 28/10/08	25.1.201/IO/671 be INF CORR 258 be INF CORR 269 25.1.201/MRH/778				TBA	TBA	TBA	TBA		0	0	0	0	0	0	0	0	1	0	Prepare Estimate	IL	15/11/08
120			IFC Drawings Demolition and reinforcing of existing building, 10 Leith Walk Sub Station ,sub station now positioned in area of building to be demolished	14/10/2008	23/09/08 22/10/08 28/10/08	25.1.201/IO/672 be INF CORR 258 be INF CORR 269 25.1.201/MRH/778				TBA	TBA	TBA	TBA		0	0	0	0	0	0	0	0	1	0	Prepare Estimate	IL	15/11/08
121	16		Urban Traffic Controls (UTC) associated with delivery of the alignment	17/09/2008	13/10/08 23/09/08 27/10/08	be INF CORR 135 25.1.201/MRH/667 be INF CORR 258 25.1.201/MRH/773	Y			TBA	TBA	TBA	TBA		0	0	0	0	0	0	0	0	All	0	Prepare Estimate	GC	15/11/08

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ETN INFRACO NOTIFICATION of tie CHANGE (INTC)

BILFINGER BERGER Civil

Refs. Ref	Refs. tie	tie Change Order TCO	Description	Date Notified	Date of further letters	Letter Ref	Agreed in Principle?	Type See Notes	Change Type See Notes	Delay Estimate (Weeks) Start	Finish	Duration	Agreed	Pricing Method See Notes	COSTS Value Estimate (£GBP) SDS	Bilfinger	Sarens	E Submitted Sub-total	OH & P	Prelims	Total	E Agreed	E Not Agreed	Section See Notes	Agreed Cost	Action Required	Action By	Date
122			Delay in receipt of CEC prior approval Sections 1A1 & 1A2	31/07/2008	25/07/08 29/08/08 16/09/08 02/10/08	PB-ULE90130-01-LET-00743 BBSC.25.1.201/JN/327 ULE90130-01-LET-00779 be INF CORR 137 25.1.201/JN/578	Y			TBA	TBA	TBA	TBA		0	0	0	0	0	0	0	0		1	0	Awaiting response to letter to SDS confirming its failure to submit Roads Technical Approval (if applicable). Letter to be based on response received from SDS.	SDS JH	31/10/08
123			Forth Ports Agreement and Design Completion	16/09/2008	06/10/08 14/10/08 13/10/08 16/10/08 23/09/08 27/10/08	be INF CORR 154 25.1.201/SR/643 25.1.201/MRH/664 SDS-ULE-01-LET-00818 be INF CORR 244 be INF CORR 258 25.1.201/MRH/773	Y			TBA	TBA	TBA	TBA		0	0	0	0	0	0	0	0		1	0	Chase Estimate from SDS.	JH	31/10/08
124			Requirement for Principal Contractors License for Network Rail Related Works	10/10/2008	23/09/08 27/10/08	25.1.201/GC/659 be INF CORR 258 25.1.201/MRH/773				TBA	TBA	TBA	TBA		0	0	0	0	0	0	0	0			0	Prepare Estimate	IL	15/11/08
125			Unforseen Ground Conditions at Haymarket Viaduct	10/10/2008		25.1.201/GC/662				TBA	TBA	TBA	TBA		0	0	0	0	0	0	0	0		2	0	Awaiting response from tie	tie	
126			Revised design for OLE poles in Section 1B	02/10/2008	19/09/08	25.1.201/MRH/697 ULE90130-LET-00810 (SDS)				TBA	TBA	TBA	TBA		0	0	0	0	0	0	0	0		1	0	Awaiting response from tie	tie	
127			Split Packages for Prior Approvals: Ocean Terminal to Port of Leith.	03/10/2008	22/09/2008 22/10/08	SDS-ULE90130-SW-LET-01207 25.1.201/JN/605 SDS-ULE90130-SW-LET-01249	N			TBA	TBA	TBA	TBA		0	0	0	0	0	0	0	0		1A3	0	Respond to tie's negative ruling Forward Design Estimate to tie	JH JH	31/10/08 31/10/08
128			CEC request for change to roads design at Edinburgh Park Station Interchange	06/10/2008	11/09/2008 20/10/08	ULE90130-05-LET-00327 25.1.201/MRH/615 be INF CORR 247				TBA	TBA	TBA	TBA		0	0	0	0	0	0	0	0		5	0	Obtain SDS response to tie's comments and request instruction from tie	JH	31/10/08
129			CEC's request for extension of time for Prior Approvals 1A1a, 1A1b and 1A1c	06/10/2008	22/09/08 10/10/08	ULE90130-01-LET-00812 25.1.201/MRH/620 be INF CORR 226	N			TBA	TBA	TBA	TBA		0	0	0	0	0	0	0	0		1	0	Respond to tie letter after obtaining factual information from Stefan R.	JH	31/10/08
130			Delay to issue of IFC Drawings for Ingliston Park and Ride Tram Stop	06/10/2008	26/08/08 15/10/08 20/10/08	ULE90130-01-LET-00364 25.1.201/MRH/623 be INF CORR 229 25.1.201/MRH/724	N			TBA	TBA	TBA	TBA		0	0	0	0	0	0	0	0		7	0	Awaiting response from SDS to tie's assertions that this delay was of its own making.	SDS	
131			Delay to Section 1B due to MUDFA not having completed its works	08/10/2008	23/09/08 27/10/08	25.1.201/GC/633 be INF CORR 258 25.1.201/MRH/773				TBA	TBA	TBA	TBA		0	0	0	0	0	0	0	0		1B	0	Prepare Estimate	IL	TBA
132			War Memorial Relocation (Prium)	10/10/2010	23/09/08 27/10/08	25.1.201/GC/661 be INF CORR 258 25.1.201/MRH/773				TBA	TBA	TBA	TBA		0	0	0	0	0	0	0	0		2	0	Duplicated by INTC-159	tie	
133			Additional cost to mobilisation at Gogar. Additional Varisguard required							TBA	TBA	TBA	TBA					0			0	0			0	Raise INTC	GC	24/10/08
134			Lighting Columns required to be relocated at A8 Underpass (Minor Utility Diversions)							TBA	TBA	TBA	TBA					0			0	0			0	Raise INTC	GC	24/10/08
135			Balgreen Road - Demolition of Railway Structure							TBA	TBA	TBA	TBA					0			0	0			0	Raise INTC	GC	24/10/08
136			Section 1C - Picardy Place - Modifications to designs, additional design work outside LOD and additional works to pavements in front of the Playhouse.	08/10/2008	26/09/08 02/10/08 01/10/08 23/09/08 27/10/08 27/10/08	SDS-ULE90130-LET-00816 SDS-ULE90130-01-LET-00822 25.1.201/MRH/639 SDS-ULE90130-01-LET-00830 be INF CORR 258 25.1.201/MRH/773 be INF CORR 271				TBA	TBA	TBA	TBA		0	0	0	0	0	0	0	0		1C	0	Obtain details from tie/CEC to allow an Estimate to be prepared. Obtain SDS' comments on tie's letter 136	JH JH	07/11/08 31/10/08
137			Sections 1A1 and 1A2 - CEC's proposed amendments to tree build-outs adjacent 4 Constitution Street	08/10/08	26/09/08 23/09/08 27/10/08 27/10/08	SDS-ULE90130-01-LET-00817 25.1.201/MRH/642 be INF CORR 258 25.1.201/MRH/773 be INF CORR 265	N			TBA	TBA	TBA	TBA		0	0	0	0	0	0	0	0		1A	0	Awaiting MUDFA as built information from tie Notify SDS of tie's negative ruling	tie JH	31/10/08
138			Network Rail Immunisation Costs - Appendix 1 to Schedule 4 has 3m work of work to be requested at actual cost. Jim Hice for costs on a monthly basis. Note: initial notification required to Change Team - Ongoing monthly application team to deal with							TBA	TBA	TBA	TBA					0			0	0			?	0	Raise INTC	GC	31/10/08
139			Revised location of OLE poles in Section 1A at the request of CEC.	09/10/2008	06/10/2008 23/09/08 27/10/08	SDS-ULE90130-01-LET-00826 25.1.201/MRH/645 be INF CORR 258 25.1.201/MRH/773				TBA	TBA	TBA	TBA		0	0	0	0	0	0	0	0		1B	0	Awaiting instructions from tie Request an estimate from SDS to forward to tie	tie JH	31/10/08
140			Delay to issue of IFC Drawings for: Port of Leith Tram Stop Bernard Street Tram Stop Foot of the Walk Tram Stop 1A1 Roads, Street Lighting, Landscape and Drainage 1A2 Roads, Street Lighting, Landscape and Drainage	09/10/2008	26/08/08 26/08/08	SDS-ULE90130-01-LET-00779 SDS-ULE90130-01-LET-00814 25.1.201/MRH/647				TBA	TBA	TBA	TBA		0	0	0	0	0	0	0	0		1	0	Awaiting response from tie	tie	
141										TBA	TBA	TBA	TBA					0			0	0			0			
142			Christmas and Festival Suspensions - conflict of information.	10/10/2008		25.1.201/JL/658				TBA	TBA	TBA	TBA		0	0	0	0	0	0	0	0		All	0	Awaiting response from tie	tie	
143			CEC's intent to adopt private roads between Lochside Crescent and Lochside Avenue.	13/10/2008	06/10/08 27/10/08	SDS ULE90130-05-LET-00336 25.1.201/MRH/666 be INF CORR 256	Y			TBA	TBA	TBA	TBA		0	0	0	0	0	0	0	0		5C	0	Notify SDS of tie's acceptance in principle Obtain Estimate and programme impact from SDS. Request extension of time to provide Estimate. Prepare Estimate for tie	JH JH JH JH	31/10/08 15/11/08 31/10/08 22/11/08
144			Land drains encountered in pasture area ch 710500 /710600							TBA	TBA	TBA	TBA					0			0	0			?	0	Raise INTC	GC	24/10/08
145			Additional work arising from CEC's additional comments on Section 5C Technical Approval.	13/10/2008	03/10/2008 23/09/08 27/10/08 27/10/08	SDS ULE90130-LET-00335 25.1.201/MRH/663 be INF CORR 258 25.1.201/MRH/773 be INF CORR 268	N			TBA	TBA	TBA	TBA		0	0	0	0	0	0	0	0		5C	0	Awaiting details of tie/CEC's requirements Notify SDS of tie's negative ruling	tie JH	31/10/08
146			IFC Drawing Change Russell Road HRW 1,2,3 &4	14/10/2008	23/09/08 22/10/08 28/10/08	25.1.201/RJ/662 be INF CORR 258 be INF CORR 269 25.1.201/MRH/778				TBA	TBA	TBA	TBA		0	0	0	0	0	0	0	0		2A	0	Prepare Estimate	IO	15/11/08
147			IFC Drawings Change Murrayfield Training Pitches	14/10/2008	23/09/08 27/10/08	25.1.201/AO/683 be INF CORR 258 25.1.201/MRH/773				TBA	TBA	TBA	TBA		0	0	0	0	0	0	0	0		5A	0	Prepare Estimate	IO	15/11/08
148			IFC Drawing Change Balgreen Road Underbridge	16/10/2008	23/09/08 22/10/08 28/10/08	25.1.201/AO/697 be INF CORR 258 be INF CORR 269 25.1.201/MRH/778				TBA	TBA	TBA	TBA		0	0	0	0	0	0	0	0		5A	0	Prepare Estimate	IU	15/11/08
149			Removal and deposition of material from previous works	16/10/2008		25.1.201/RJ/681				TBA	TBA	TBA	TBA		0	0	0	0	0	0	0	0		7	0	Awaiting response from tie	tie	
150										TBA	TBA	TBA	TBA					0			0	0			0			
151	1/		Excavate and replace existing BO material within existing utility trenches	13/10/2008	20/10/08 27/10/08 29/10/08	be INF CORR 276 25.1.201/JL/728 be INF CORR 270 25.1.201/JL/735	Y			TBA	TBA	TBA	TBA		0	51,408	0	51,408	incl	3,804	55,212	0	55,212	1	0	Awaiting tie's acceptance of Estimate	tie	
152			IFC Drawing changes Vertical and horizontal Alignment Section 5 Sheets 1 to 26	16/10/2008	23/09/08 22/10/08 28/10/08	25.1.201/JO/700 be INF CORR 258 be INF CORR 269 25.1.201/MRH/778				TBA	TBA	TBA	TBA		0	0	0	0	0	0	0	0		5	0	Prepare Estimate	IO	15/11/08
153			IFC Drawing changes Soft Landscaping Section 5 sheets 1 to 26	16/10/2008	23/09/08 22/10/08 28/10/08	25.1.201/JO/701 be INF CORR 258 be INF CORR 269 25.1.201/MRH/778				TBA	TBA	TBA	TBA		0	0	0	0	0	0	0	0		5	0	Prepare Estimate	IO	15/11/08
154			IFC Drawing changes OLE Section 5 sheets 1 to 13	16/10/2008	23/09/08 22/10/08 28/10/08	25.1.201/JO/702 be INF CORR 258 be INF CORR 269 25.1.201/MRH/778				TBA	TBA	TBA	TBA		0	0	0	0	0	0	0	0		5	0	Prepare Estimate	IO	15/11/08

CEC01169379_0131

ETN INFRACO NOTIFICATION of tie CHANGE (INTC)

BILFINGER BERGER Civil

CAF:INS

Refs. Ref	Refs. tie	tie Change Order TCO	Description	Date Notified	Date of further letters	Letter Ref	Agreed in Principle?	Type See Notes	Change Type See Notes	Delay Estimate (Weeks) Start	Delay Estimate (Weeks) Finish	Delay Estimate (Weeks) Duration	Delay Estimate (Weeks) Agreed	Pricing Method See Notes	Value Estimate (£GBP) E Submitted SDS	E Submitted Bilfinger	E Submitted Siemens	E Submitted Sub-total	E Submitted OH &P	E Submitted Prelims	E Submitted Total	E Agreed	E Not Agreed	Section See Notes	Agreed Cost	Action Required	Action By	Date
155			IFC Drawing changes Gogarburn RTWs 15A,15C, 144D	16/10/2008	23/09/08 22/10/08 28/10/08	25.1.201/IO/703 be INF CORR 258 be INF CORR 269 25.1.201/MRH/778				TBA	TBA	TBA	TBA		U	U	U	U	U	U	U	U		5	U	Prepare Estimate	IO	15/11/08
156			IFC Drawing changes Tramstops Balgreen Edinburgh Park Saughton and South Gyle	16/10/2008	23/09/08 22/10/08 28/10/08	25.1.201/IO/704 be INF CORR 258 be INF CORR 269 25.1.201/MRH/778				TBA	TBA	TBA	TBA		0	0	0	0	0	0	0	0		5	0	Prepare Estimate	IO	15/11/08
157			Survey of Existing Drainage (Gogar Landfill)	10/10/2008	15/10/08	be INF CORR 219 25.1.201/MRH/693	Y			TBA	TBA	TBA	TBA		0	0	0	0	0	0	0	0		5	0	Provide Estimate	GC	31/10/08
158	18		Provisional Sum - Provide Crew Relief Facilities at Haymarket Station Viaduct	10/10/2008	15/10/08 23/09/08 27/10/08 28/10/08 28/10/08 28/10/08	be INF CORR 221 25.1.201/MRH/689 be INF CORR 258 25.1.201/MRH/773 25.1.201/JL/83 25.1.201/JL/84 25.1.201/JL/785	Y			TBA	TBA	TBA	TBA		0	0	0	0	0	0	0	0		2A	0	Prepare Estimate	JL	15/11/08
159	19		Provisional Sum - Relocation of Ancient Monuments	10/10/2008	15/10/08 16/10/08 20/10/08 20/10/08 20/10/08 20/10/08 20/10/08 20/10/08 20/10/08 20/10/08 23/09/08 23/10/08 27/10/08 28/10/08	25.1.201/GC/661 be INF CORR 222 25.1.201/MRH/692 be INF CORR 237 25.1.201/JL/709 25.1.201/JL/710 25.1.201/JL/711 25.1.201/JL/712 25.1.201/JL/713 25.1.201/JL/714 25.1.201/JL/715 be INF CORR 258 be INF CORR 255 25.1.201/MRH/773 25.1.201/MRH/774	Y			TBA	TBA	TBA	TBA		0	0	0	0	0	0	0	0		All	0	Request for extension of time to prepare estimate - awaiting response from tie. Prepare Estimate	tie JL	15/11/08
160			IFC Drawing changes - Edinburgh Park Bridge	16/10/2008	22/10/08 28/10/08	25.1.201/IO/699 be INF CORR 269 25.1.201/MRH/778				TBA	TBA	TBA	TBA		0	0	0	0	0	0	0	0		5B	0	Prepare Estimate	IO	15/11/08
161			Traffic Management - Temporary Traffic Signals	10/10/2008		be INF CORR 219	Y			TBA	TBA	TBA	TBA					0			0	0			0	Awaiting tie's instruction	tie	
162	JU		Bus Tracker, TPDS and Radio	10/10/2008	17/10/08 23/09/08 27/10/08	be INF CORR 226 25.1.201/MRH/706 be INF CORR 258 25.1.201/MRH/773				TBA	TBA	TBA	TBA		U	U	U	U	U	U	U	U		All	U	Request for extension of time to prepare estimate issued. Analyse programme impact (if any). Obtain Estimate from Siemens	SJU JL	31/10/08 31/10/08
163			Haymarket Taxi Stance	24/09/2008	07/08/08	SDS-ULE90130-01-LET-00751 25.1.201/JHs/519				TBA	TBA	TBA	TBA		0	0	0	0	0	0	0	0		1	0	Awaiting tie's instruction	tie	
164			Delayed Listed Building Consent Applications	29/07/2008	29/07/08 01/08/08 01/01/08 22/08/08	SDS-ULE90130-01-LET-00747 25.1.201/JHs/340 SDS-ULE90130-01-LET-00749 25.1.201/GC/365 be INF CORR 109	Y			TBA	TBA	TBA	TBA		0	0	0	0	0	0	0	0		1	0	Prepare Estimate or request extension of time to prepare Estimates	GC	24/10/08
165			Delayed issued of IFCs for Section 1A4	17/10/08	16/10/08 23/09/08 27/10/08	SDS-ULE90130-01-LET-00831 25.1.201/MRH/707 be INF CORR 258 25.1.201/MRH/773				TBA	TBA	TBA	TBA		U	U	U	U	U	U	U	U		1A4	U	Awaiting BeA/EC's confirmation of final Forth Ports Agreement	tie	
166			Demolition of existing garage and fuel tanks on Ocean Drive	20/10/2008	23/09/08 27/10/08	25.1.201/MRH/708 be INF CORR 258 25.1.201/MRH/773				TBA	TBA	TBA	TBA		0	0	0	0	0	0	0	0		1	0	Awaiting tie's instruction	tie	
167			Accommodation Works to Wanderers Clubhouse Building at Murrayfield	20/10/2008	23/09/08 27/10/08	25.1.201/MRH/716 be INF CORR 258 25.1.201/MRH/773				TBA	TBA	TBA	TBA		0	0	0	0	0	0	0	0		5	0	Awaiting tie's instruction	tie	
168			Demolition of existing building at 33 Ocean Drive	20/10/2008	23/09/08 27/10/08	25.1.201/MRH/717 be INF CORR 258 25.1.201/MRH/773				TBA	TBA	TBA	TBA		U	U	U	U	U	U	U	U		5	U	Awaiting tie's instruction	tie	
169			Demolition of Police Box Coffee Bar - Picardy Place	20/10/2008	23/09/08 27/10/08	25.1.201/MRH/718 be INF CORR 258 25.1.201/MRH/773				TBA	TBA	TBA	TBA		0	0	0	0	0	0	0	0		1C	0	Awaiting tie's instruction	tie	
170			Demolition and alteration of existing building at Cathedral Lane	20/10/2008	23/09/08 27/10/08	25.1.201/MRH/719 be INF CORR 258 25.1.201/MRH/773				TBA	TBA	TBA	TBA		0	0	0	0	0	0	0	0		1A	0	Awaiting tie's instruction	tie	
171			Contract with Faber Maunsell for Transyt and Linsig Modelling Assessments Instruction limited to period ending 31/10/2008	15/10/2008		be INF CORR 227	Y			TBA	TBA	TBA	TBA		0	0	0	0	0	0	0	0		All	0	Provide an Estimate or request an extension of time to prepare the Estimate	GC	24/10/08
172	23		Traffic Modelling - Pedestrian Crossing Timings Standard	03/09/2008	14/10/08 16/10/08 16/10/08 20/10/08 22/10/08 23/10/08	25.1.201/SK/456 SDS-ULE90130-SW-LET-01238 be INF CORR 239 be INF CORR 245 25.1.201/MRH/729 25.1.201/JHs/742 25.1.201/JHs/762	Y			TBA	TBA	TBA	TBA		34,426	0	0	34,426	3,443	2,548	40,416	0	40,416	All	0	Design Estimate only Awaiting further instruction from tie	tie	
173			Discovery of underground petrol tank at National Car Rental Site	22/10/2008		25.1.201/MRH/738				TBA	TBA	TBA	TBA		U	U	U	U	U	U	U	U		5	U	Awaiting tie's instruction	tie	
174			Discovery of new tel ducts under kerb line in Section 1b	22/10/2008	27/10/08 29/10/08	25.1.201/MRH/741 be INF CORR 272 25.1.201/MRH/792	Y			TBA	TBA	TBA	TBA		U	U	U	U	U	U	U	U		1b	U	Provide Estimate based on recorded costs	JL	15/11/08
175			SDS Provisional Sums - Extended Construction Support and Design Support Team	22/10/2008	27/10/08	25.1.201/MRH/743 be INF CORR 263	Y			TBA	TBA	TBA	TBA		0	0	0	0	0	0	0	0		All	0	G Duffill/ Ochoa to respond to tie	GD/BO	31/10/08
176	22		Civils - Construct Temporary Ramps (2 no.) at Gogar Church Road Construct Car Park	17/10/2008		be INF CORR 231	Y			TBA	TBA	TBA	TBA		0	0	0	0	0	0	0	0		5C	0	Prepare Estimate	JL	31/10/08
177			Siemens							TBA	TBA	TBA	TBA					0			0				0			
178			Provisional Sums: Mandatory tie Change Unhead no s 1,2 & 13 Undefined no s 2, 7, 8 & 9 No instruction issued by tie at trigger date	29/10/08	28/08/08 16/10/08	25.1.201/JL/Hists/46 be INF CORR 244 25.1.201/MRH/798	Y			TBA	TBA	TBA	TBA		0	0	0	0	0	0	0			All	0	Compensation Event notified - awaiting further instructions	tie	
179	24		Gatehouse Works to Murrayfield Stadium	16/10/2008	28/10/08	be INF CORR 246 25.1.201/MRH/776	Y			TBA	TBA	TBA	TBA		0	0	0	0	0	0	0			5A	0	Forward to SDS for a design Prepare Estimate	JH JL	28/10/2008 TBA
180			Reduced land available at Murrayfield as a result of Third Party Agreement with SRU	30/10/08	28/10/2008	25.1.201/JHs/780 25.1.201/JHs/802				TBA	TBA	TBA	TBA		0	0	0	0			0			5A	0	Submit INTC to tie	JH	31/10/08
181			CEC's requirement for a road closure at Roseburn Terrace requires that the Infraco installs a new controlled junction at Roseburn Street/Westfield Road/West Approach Road	28/10/2008		25.1.201/MRH/779				TBA	TBA	TBA	TBA		0	0	0	0	0	0	0			5A	0	Request for tie Notice of Change	tie	
182			Edinburgh Airport Tramstop Kiosk	29/10/2008		25.1.201/JHs/791				TBA	TBA	TBA	TBA		U	U	U	U	U	U	U			7A	U	Request for tie Change Order for design work	tie	
183																		U			U				U			
																		U			U				U			
																		0			0				0			
																		0			0				0			
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																		0			0				0			

CEC01169379_0132

ETN INFRACO NOTIFICATION of tie CHANGE (INTC)

Refs.		tie Change Order	Description	Date Notified	Date of further letters	Letter Ref	Agreed in Principle?	Type	Change Type	Delay Estimate (Weeks)				Pricing Method	Value Estimate (£GBP)									Section	Agreed Cost	Action Required	Action By	Date
Ref	tie	TCO						See Notes	See Notes	Start	Finish	Duration	Agreed	See Notes	£ Submitted							£ Agreed	£ Not Agreed	See Notes				
															SDS	Bilfinger	Siemens	Sub-total	OH & P	Prelims	Total							
													Total		1,136,866	15,873,827	5,827,741	22,838,434	586,834	1,374,059	24,799,327	266,529	24,532,797		214,895			

Notes

Type — **Column1**
- D = Notified Departure Deemed tie Change
- M = Notified Departure Mandatory tie Change
- I = tie Instruction

Change Type
- 1 **tie** Change
- 2 Infraco Change
- 3 Small Works Change
- 4 Accommodation Works Change
- 5 Qualifying Change in Law
- 6 Network Expansion
- 7 Labour & Landfill Tax Fluctuations

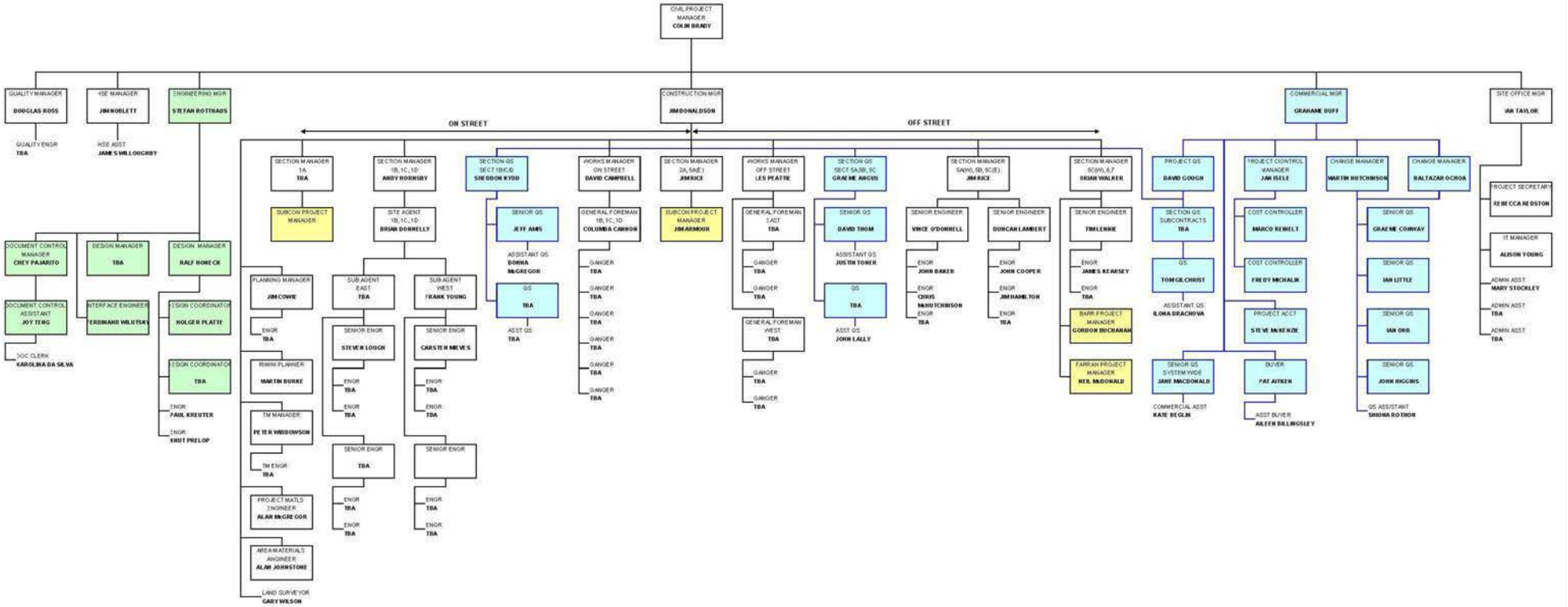
Pricing
- 1 = Schedule of Rates
- 2 = Derived Rates
- 3 = Fair Rates and Prices
- 4 = Cost
- Or any combination

3 — Consortium Partner and Site Section

Allocation of Cost
- DPS
- VPS
- Vtc
- Hvtc
- N/A

CEC01169379_0133

10.8 Organisation Charts



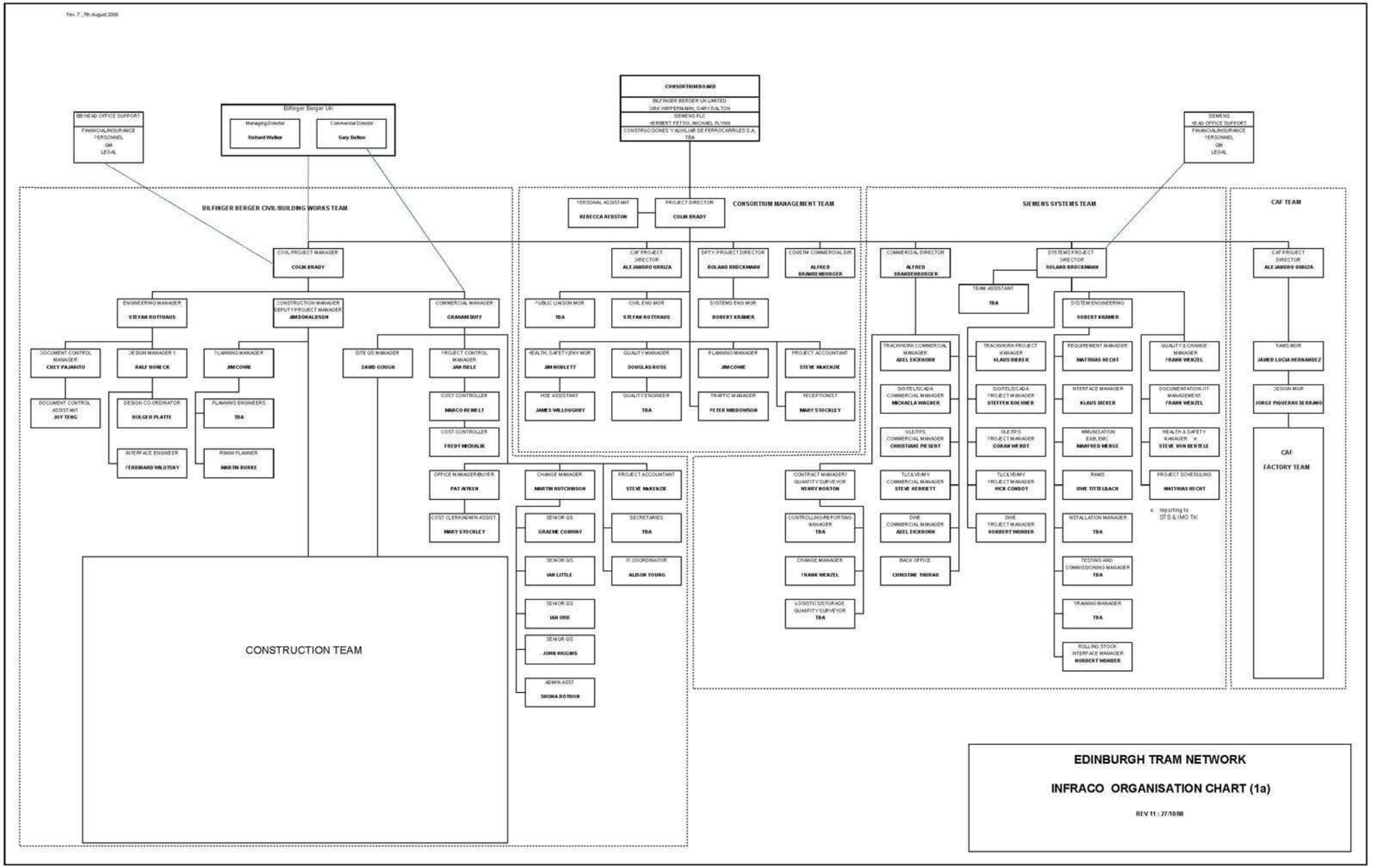
EDINBURGH TRAM NETWORK

CIVIL WORKS TEAM

REV 11 27/10.07

CEC01169379_0135

Rev. 7 , 7th August 2008



EDINBURGH TRAM NETWORK

INFRACO ORGANISATION CHART (1a)

REV 11 : 27/10/08

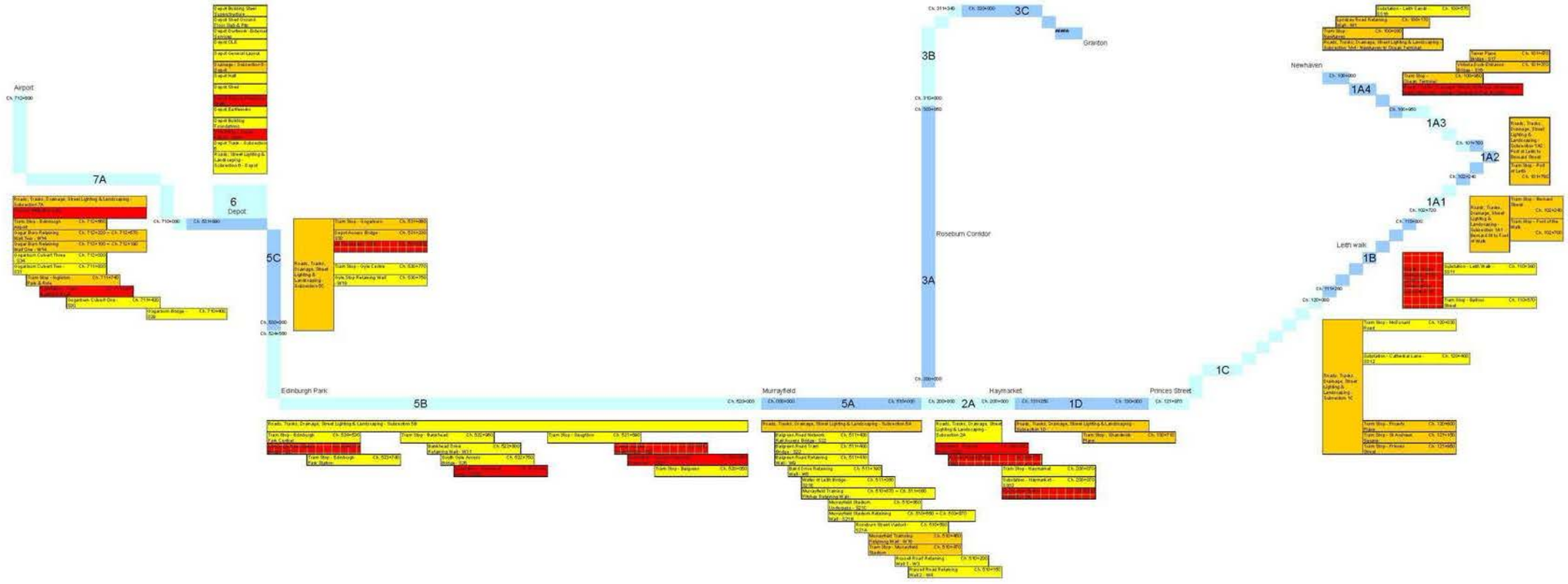
CEC01169379_0136

10.9 Production of Design

Design Package Tracker

13/10/2008

System Wide: Badger Mitigation Plan



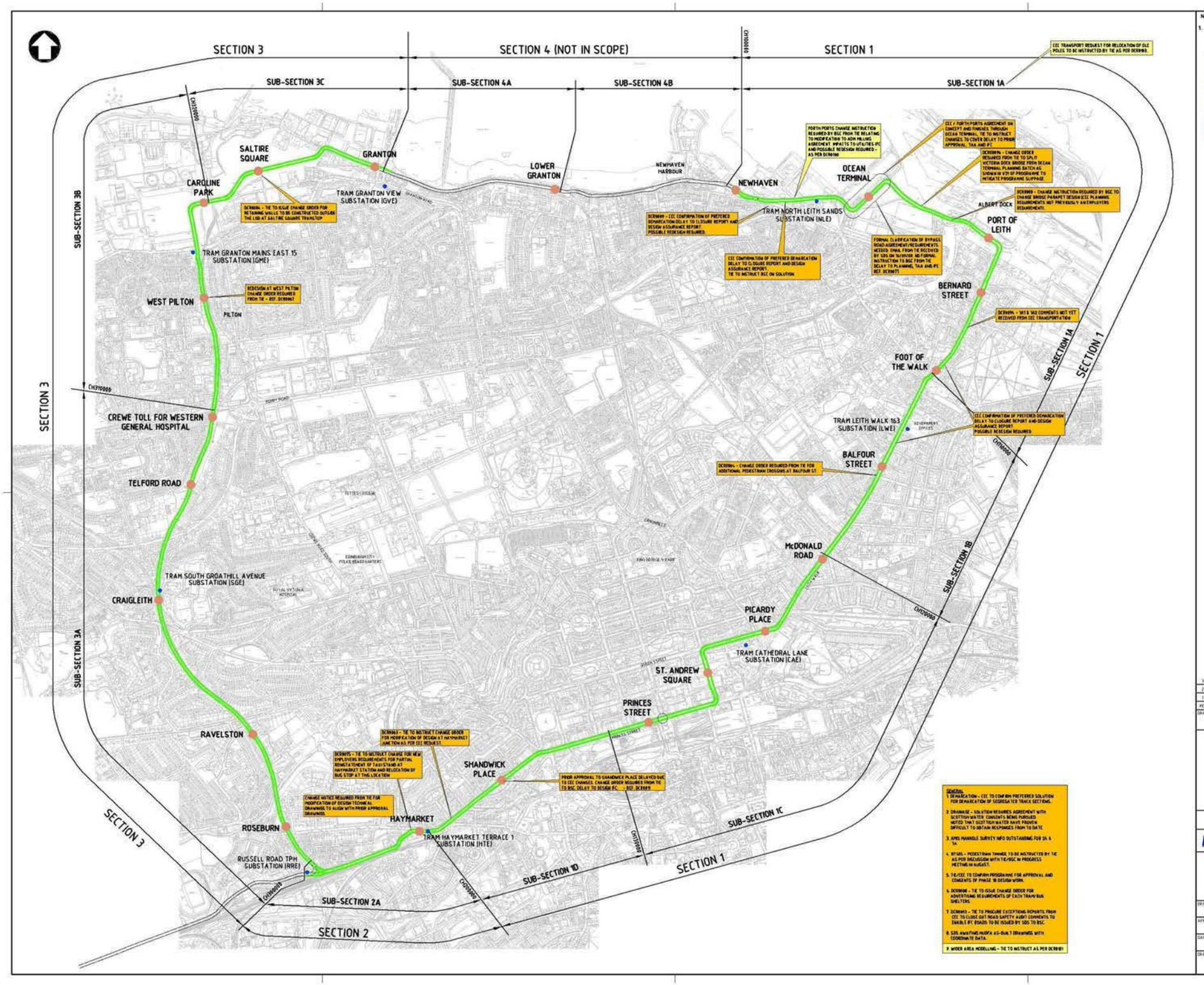
0	Not issued yet
1	Issued for External Approval
2	Issued for External Approval - QA rejected
3	Issued for Construction
4	Issued for Construction - QA rejected
5	Partially Agreed for Construction
6	Fully Agreed for Construction
7	As-Built Info issued to SDS
8	As-Built Design completed

Statistic:

8 nos.	'Not issued yet'
29 nos.	'Issued for External Approval'
0 nos.	'Issued for External Approval - QA rejected'
45 nos.	'Issued for Construction'
0 nos.	'Issued for Construction - QA rejected'
6 nos.	'Partially Agreed for Construction'
0 nos.	'Fully Agreed for Construction'
0 nos.	'As-Built Info issued to SDS'
0 nos.	'As-Built Design completed'
88 nos.	Total

CEC01169379_0138

10.10 Issues and Concerns



NOTES

1. DWG HUMMINGBIRD REF: 88229
   PDF HUMMINGBIRD REF: 88239

KEY

- DENOTES OUTSTANDING ISSUE
- DENOTES OUTSTANDING ISSUE - 4 WEEKS OLD FROM 01/10/08
- DENOTES OUTSTANDING ISSUE - 4 WEEKS PLUS FROM 01/10/08

REV	DESCRIPTION OF REVISION	DWN	CHKD	APP.	DATE
3	ISSUED FOR INFORMATION	JC	KZ	AK	23/10/08
2	ISSUED FOR INFORMATION	RAF	DN	AK	03/10/08
1	ISSUED FOR INFORMATION	JC	DN	AK	29/09/08

DRAWING STATUS: **For Information Only**

tie

EDINBURGH TRAM NETWORK

PB PARSONS BRINCKERHOFF

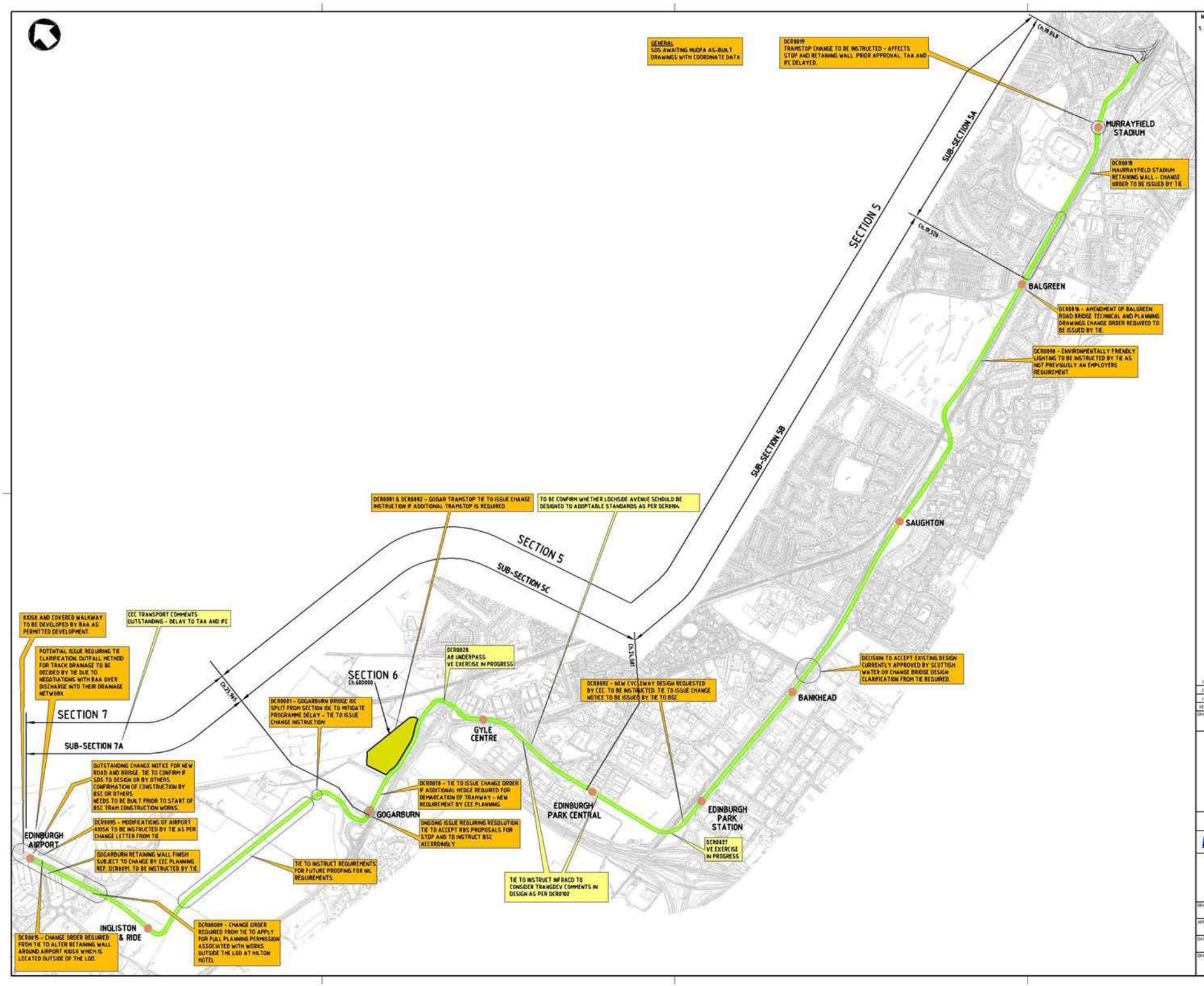
JOINT CITY POINT 65 HAYMARKET TERRACE EDINBURGH EH12 5HD

SYSTEM WIDE
LINE 1
POST - NOVATION
PROJECT ISSUES

DRAWN BY: STACHOWIAKJ	CHECKED BY: NEY
APPROVED BY: Chandler J	ORIGINAL DRAWING SIZE: A1
DATE: 29/09/2008	SCALE(S): 1:10000
DRAWING NUMBER: ULE9013D-SW-DRG-00651	REV: 3

PB INTERNAL VERSION NUMBER : 1

CEC01169379_0140



NOTES

1. DWG HUMMINGBIRD REF: 88241
   PDF HUMMINGBIRD REF: 88247

KEY

- DENOTES OUTSTANDING ISSUE
- DENOTES OUTSTANDING ISSUE - 4 WEEKS OLD FROM 01/10/08
- DENOTES OUTSTANDING ISSUE - 4 WEEKS PLUS FROM 01/10/08

REV	DESCRIPTION OF REVISION	DRN	CHKD	APP	DATE
1	ISSUED FOR INFORMATION	JS	KE	JRC	21/10/08
2	ISSUED FOR INFORMATION	JS	KE	JRC	01/11/08
3	ISSUED FOR INFORMATION	JS	KE	JRC	29/09/08

DRAWING STATUS: **For Information Only**

tie

EDINBURGH TRAM NETWORK

PB PARSONS BRINCKERHOFF
SDS
CITY POINT
65 HAYMARKET TERRACE
EDINBURGH EH12 5HD

SYSTEM WIDE
LINE 2
POST - NOVATION
PROJECT ISSUES

DRAWN BY: STACHOWIAKJ	CHECKED BY: SMUDALLK
APPROVED BY: ChandlerJ	ORIGINAL DRAWING SIZE: A1
DATE: 29/09/2008	SCALE(S): 1:10000
DRAWING NUMBER: ULE90130-SW-DRG-00652	REV: 3

PB INTERNAL VERSION NUMBER : 3

CEC01169379_0141