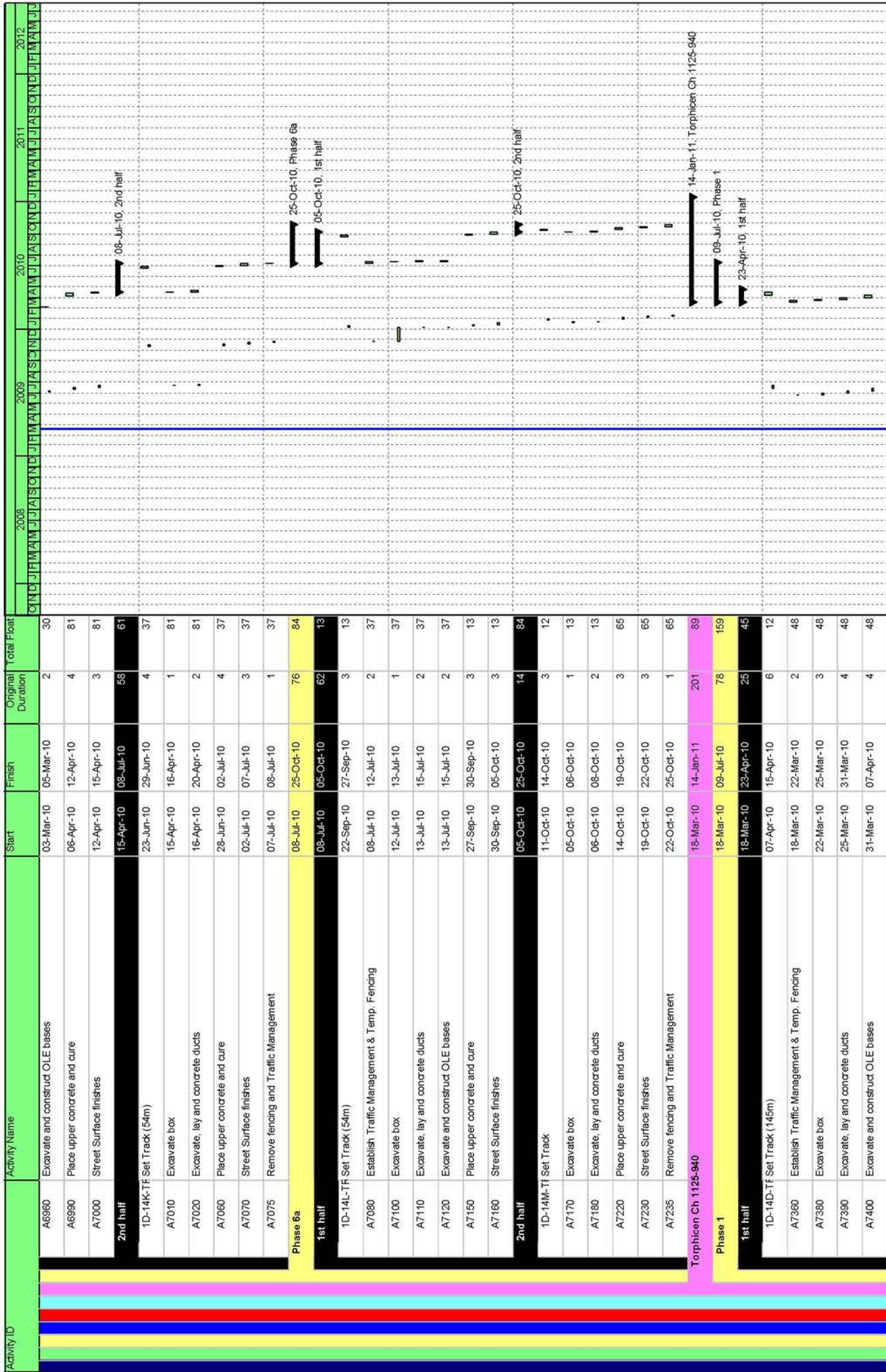
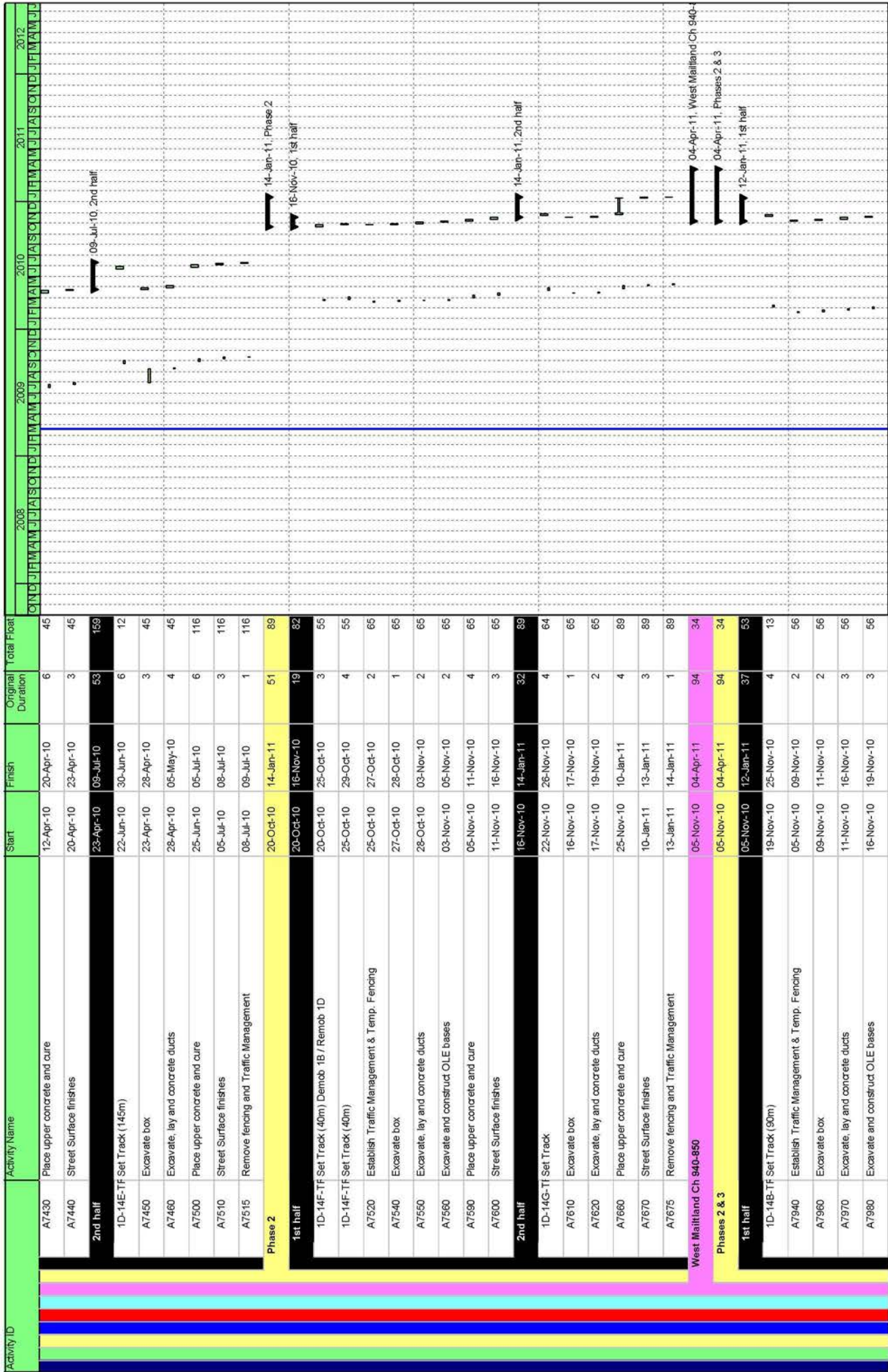


V31 Baseline
 Actual Work
 Remaining Work
 Critical Remaining Work
 Milestone
 V31 Baseline Milestone
 Summary

Date	Revision	Checked	Approved
16-Mar-09		SCS	



Date	Revision	Checked	Approved
16-Mar-09		SCS	



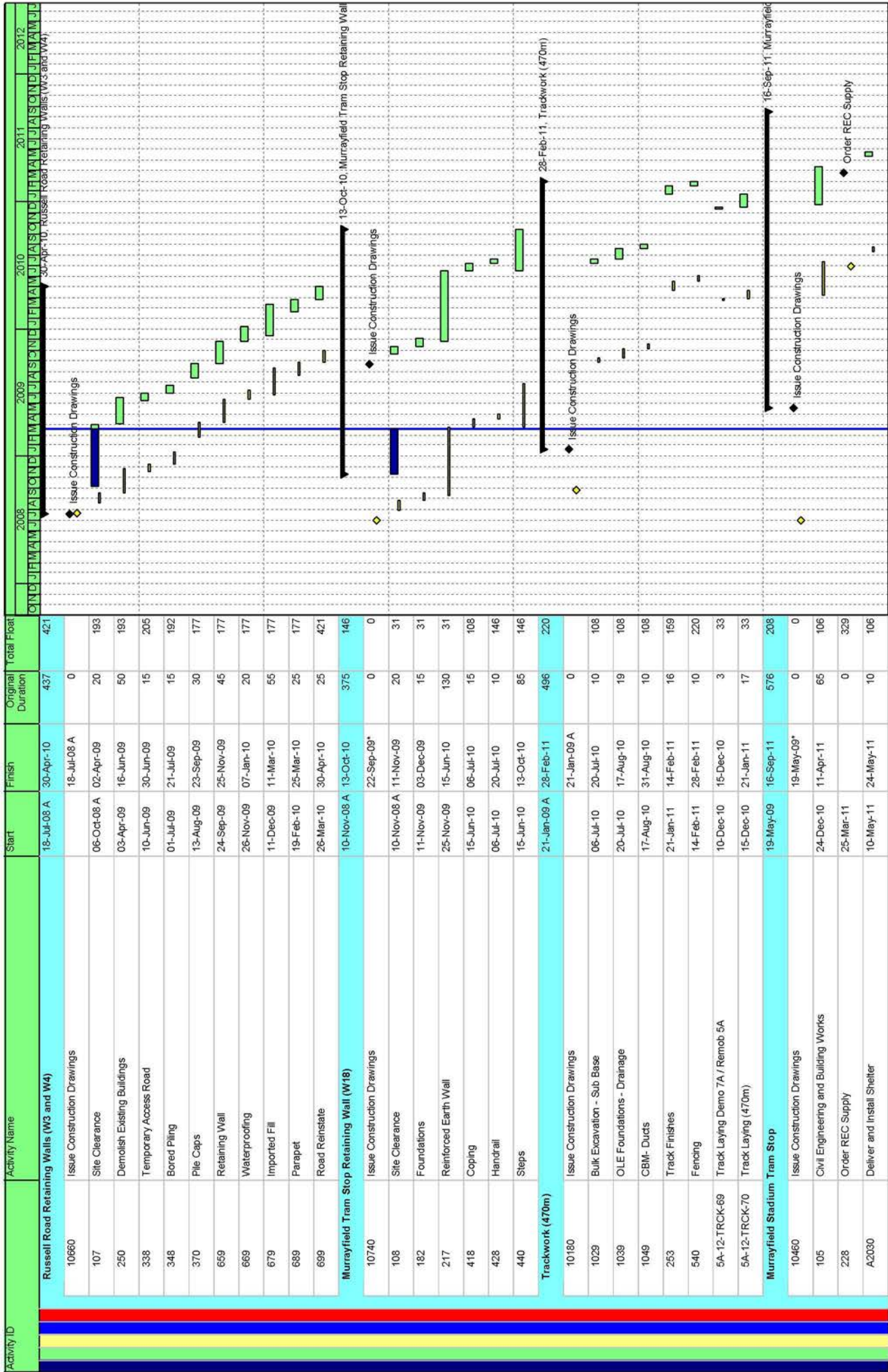
Date: 16-Mar-09
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 Checked: SCS
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 - Actual Work (red line)
 - Remaining Work (green line)
 - Critical Remaining Work (red line)
 - V31 Baseline Milestone (diamond)
 - Milestone (diamond)

Activity ID	Activity Name	Start	Finish	Original Duration	Total Float
Haymarket Station Tram Stop					
12350	Issue Construction Drawings	02-Jul-08 A	18-Nov-10	589	409
135	Civil Engineering and Building Works	18-Aug-09	17-Nov-09	65	488
488	Order REC Supply	07-Jul-10		0	504
A2480	Deliver and Install Shelter	19-Aug-10	02-Sep-10	10	281
A4678	Access for visual inspection for E&M Tram Stop installation (02A Haymarket Station)	03-Aug-10		0	511
A4679	Access for E&M Tram Stop installation (02A Haymarket Station)	02-Sep-10		0	296
A4680	Install LV Power Supply and LV Power Equipment	02-Sep-10	07-Oct-10	25	281
A4690	Install Telecom Equipment	07-Oct-10	04-Nov-10	20	291
A4700	Install Station Control Equipment + AFC Equipment	07-Oct-10	11-Nov-10	25	281
A4710	Package Test Tramstop	11-Nov-10	18-Nov-10	5	281
A6170	Installation of SIG-interlocking cubicle	16-Sep-10	07-Oct-10	15	332
A6180	Commissioning of SIG-interlocking cubicle	07-Oct-10	14-Oct-10	5	332
SECTION 05 ROSEBURN JUNCTION TO GOGAR					
Opening Sequence A (Airport to Haymarket)					
05A Roseburn Junction (exc.) to Balgreen Road (inc.)					
E & M Installations					
5A-11/12-OHLE-50	Installation of poles and building fittings	26-May-11	22-Sep-11	83	204
5A-11/12-OHLE-60	Overhead Catenary Line	28-Jun-11	22-Jul-11	18	31
A4083	Access for visual inspection for E&M wayside installation (05A)	26-May-11		0	286
A4084	Access for E&M wayside installation (05A)	28-Jun-11		0	265
A4098	Access for visual inspection to cable pits for cable laying (05A)	06-Jul-11		0	258
A4099	Access to cable pits for cable laying (05A)	08-Aug-11		0	237
A4100	Install Electrical Cables	08-Aug-11	24-Aug-11	12	80
A4110	Install Fibre Optic Cables	08-Aug-11	24-Aug-11	12	97
A4120	Install Signalling Wayside Equipment	24-Aug-11	09-Sep-11	12	80
Roseburn Junction (exc.) to Murrayfield Stadium (inc.)					
Russel Road Underbridge (\$20)					
10270	Issue Construction Drawings	23-May-08 A	16-Sep-11	317	208
103	Excavation and piling	20-Mar-09	16-Jun-09	60	145
238	Bases	17-Jun-09	28-Jul-09	30	145
429	Abutments and Wing Walls	15-Jul-09	16-Sep-09	45	145
439	Deck	10-Sep-09	18-Nov-09	50	145
449	Bridge Finishes	17-Sep-09	10-Dec-09	60	242

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

Date	Revision	Checked	Approved
16-Mar-09		scs	

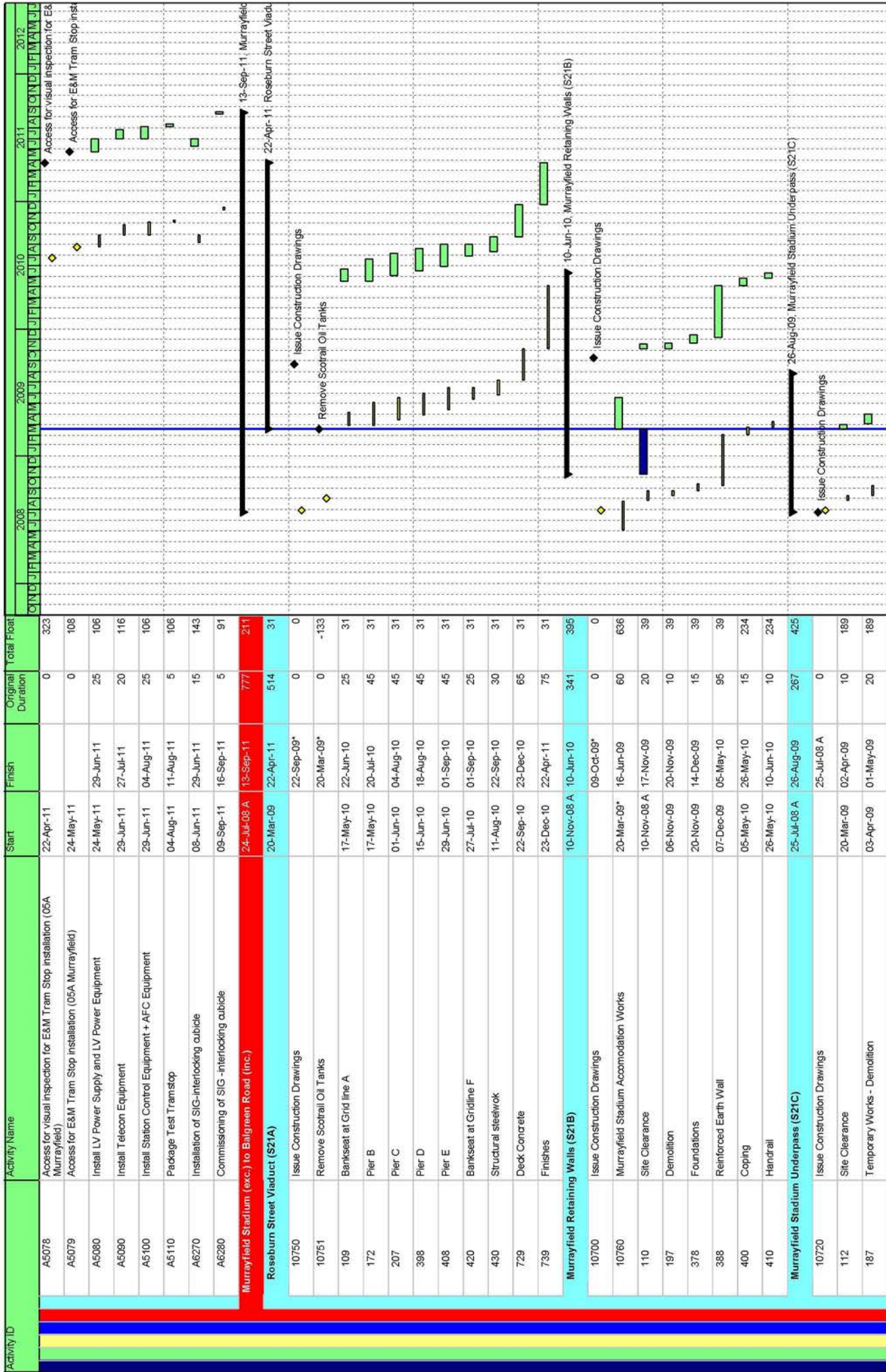


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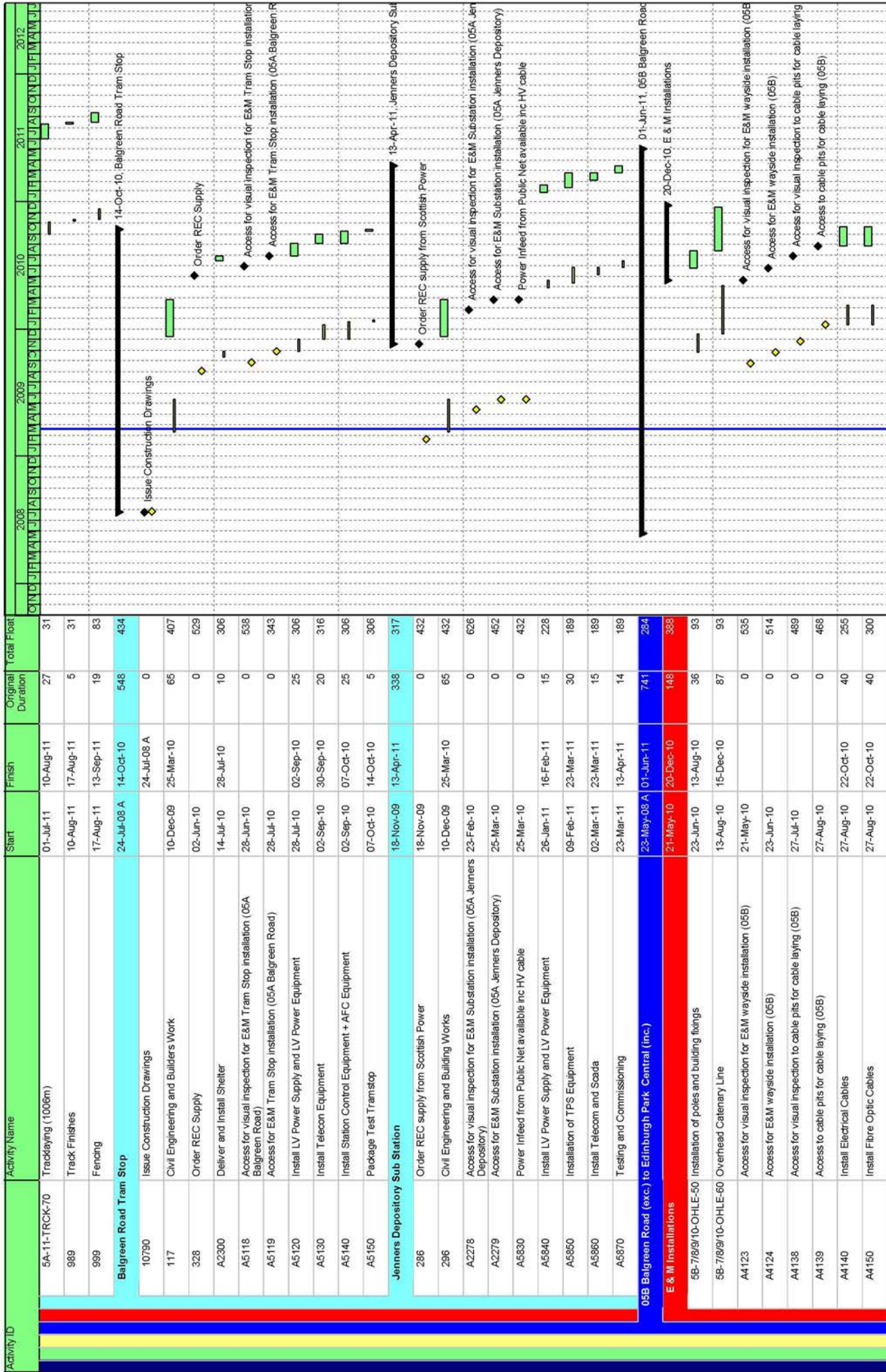
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- V31 Baseline Milestone (Green diamond)
- Remaining Work (Green bar)
- Critical Remaining Work (Red bar)
- Milestone (Black diamond)
- Summary (Black arrow)

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Date	Revision	Checked	Approved
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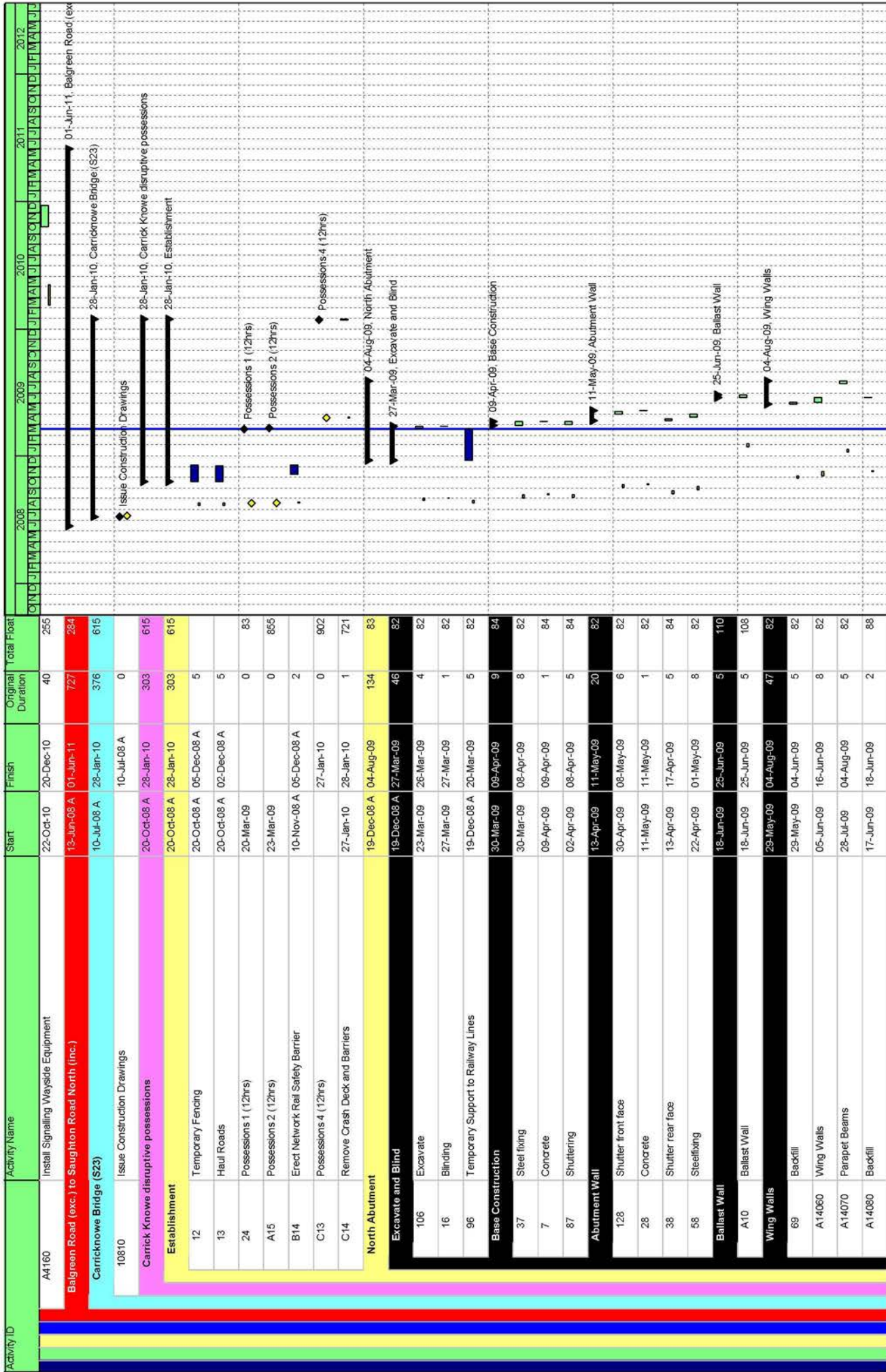


Date	Revision	Checked	Approved
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V31 Baseline
 Remaining Work
 Actual Work
 Critical Remaining Work
 Milestone
 V31 Baseline Milestone
 Summary

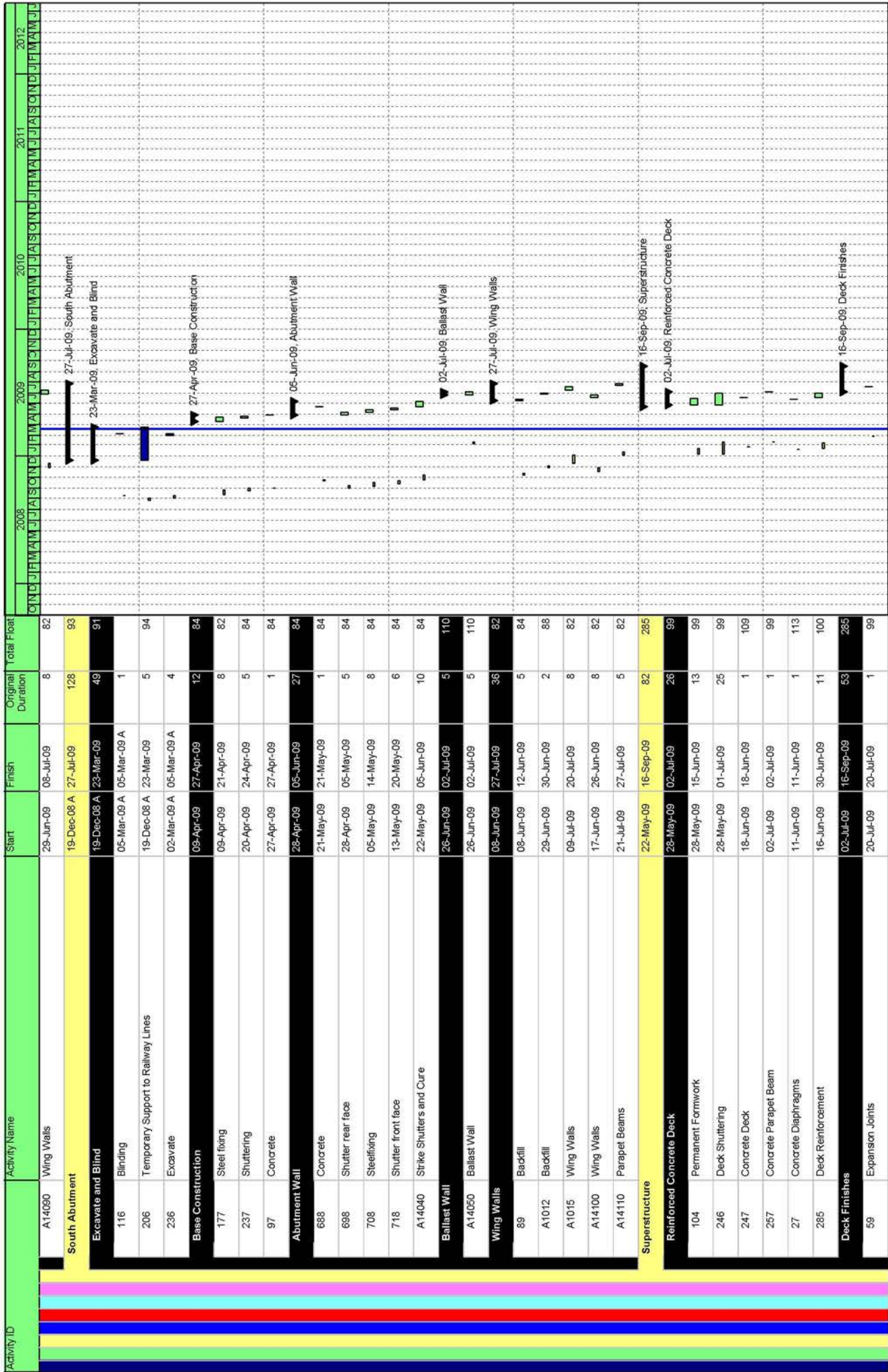
Date	Revision	Checked	Approved
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V31 Baseline Remaining Work Actual Work
 V31 Baseline Milestone Critical Remaining Work Milestone Summary



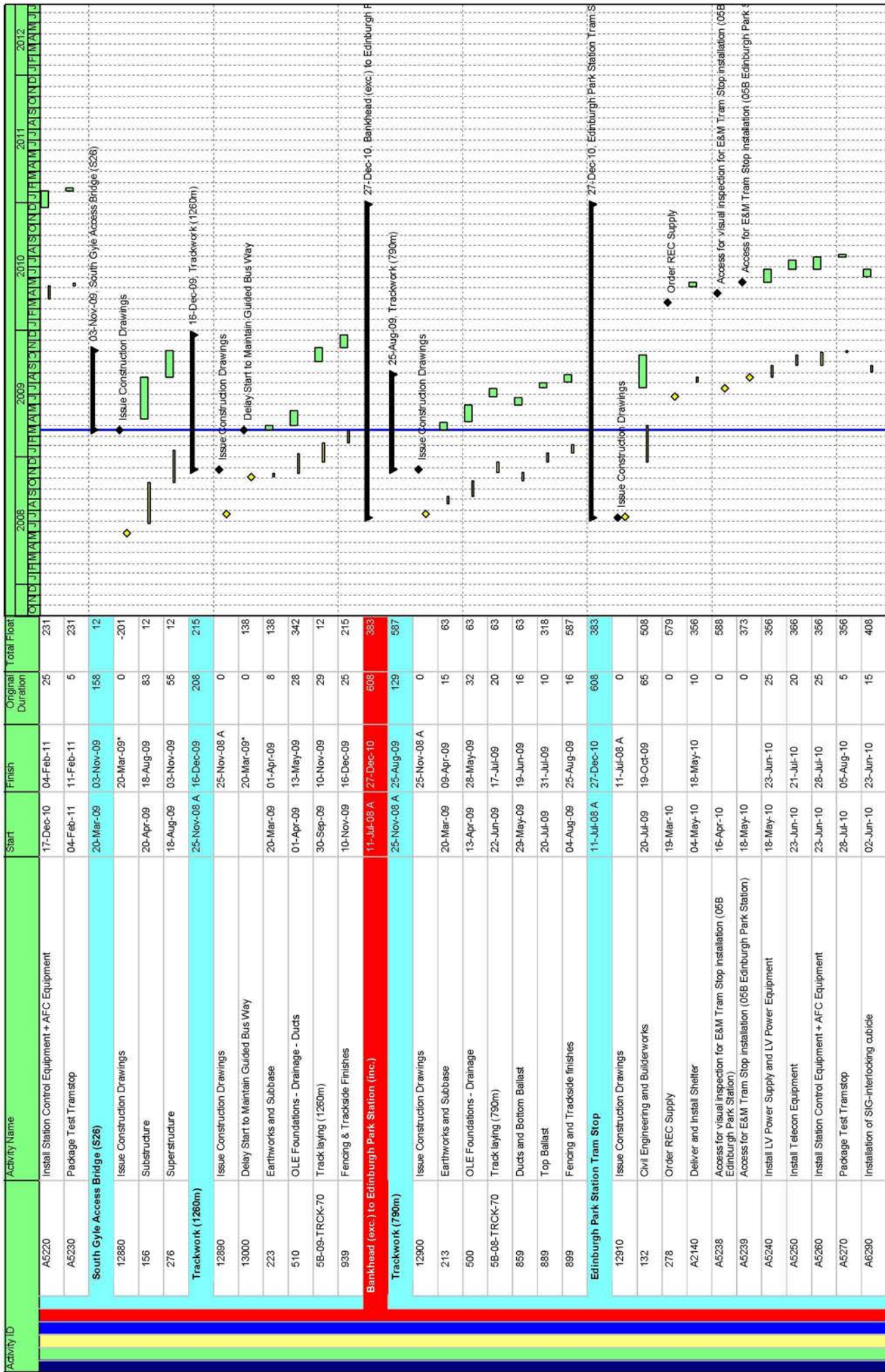
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Activity ID	Activity Name	Start	Finish	Original Duration	Total Float
	Saughton Road North Tram Stop	13-Jun-08 A	01-Jun-11	727	284
10840	Issue Construction Drawings		13-Jun-08 A	0	
123	Civil Engineering and Building Works	13-Oct-09	27-Jan-10	65	448
248	Order REC Supply	14-Jan-11		0	379
A2080	Deliver and Install Shelter	25-Feb-11	11-Mar-11	10	156
A5168	Access for visual inspection for E&M Tram Stop installation (05B Saughton Road North)	09-Feb-11		0	375
A5169	Access for E&M Tram Stop installation (05B Saughton Road North)	11-Mar-11		0	160
A5160	Install LV Power Supply and LV Power Equipment	11-Mar-11	18-Apr-11	25	156
A5170	Install Telecom Equipment	18-Apr-11	17-May-11	20	166
A5180	Install Station Control Equipment + AFC Equipment	18-Apr-11	24-May-11	25	156
A5190	Package Test Tramstop	24-May-11	01-Jun-11	5	156
	Saughton Road North (exc.) to Bankhead (inc.)	11-Jul-08 A	01-Mar-11	571	347
	Bankhead Drive Substation	20-Oct-09	01-Mar-11	329	347
256	Order REC supply from Scottish Power	20-Oct-09		0	453
266	Civil Engineering and Building Works	10-Nov-09	24-Feb-10	65	453
A2258	Access for visual inspection for E&M Substation installation (05B Bankhead Drive)	25-Jan-10		0	647
A2259	Access for E&M Substation installation (05B Bankhead Drive)	24-Feb-10		0	473
A5880	Power Infeed from Public Net available inc HV cable	24-Feb-10		0	453
A5890	Install LV Power Supply and LV Power Equipment	01-Dec-10	22-Dec-10	15	258
A5900	Installation of TPS Equipment	15-Dec-10	09-Feb-11	30	219
A5910	Install Telecom and Scada	19-Jan-11	09-Feb-11	15	219
A5920	Testing and Commissioning	09-Feb-11	01-Mar-11	14	219
	Bankhead Retaining Wall (W11)	20-Mar-09	19-May-09	40	75
10860	Issue Construction Drawings		20-Mar-09*	0	-201
127	Retaining Wall Construction	20-Apr-09	19-May-09	20	75
	Bankhead Tram Stop	11-Jul-08 A	11-Feb-11	559	359
12870	Issue Construction Drawings		11-Jul-08 A	0	
129	Civil Engineering and Building Works	10-Nov-09	24-Feb-10	65	428
318	Order REC Supply	16-Sep-10		0	454
A2230	Deliver and Install Shelter	28-Oct-10	11-Nov-10	10	231
A5198	Access for visual inspection for E&M Tram Stop installation (05B South Gyle)	12-Oct-10		0	461
A5199	Access for E&M Tram Stop installation (05B South Gyle)	11-Nov-10		0	246
A5200	Install LV Power Supply and LV Power Equipment	11-Nov-10	17-Dec-10	25	231
A5210	Install Telecom Equipment	17-Dec-10	28-Jan-11	20	241

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

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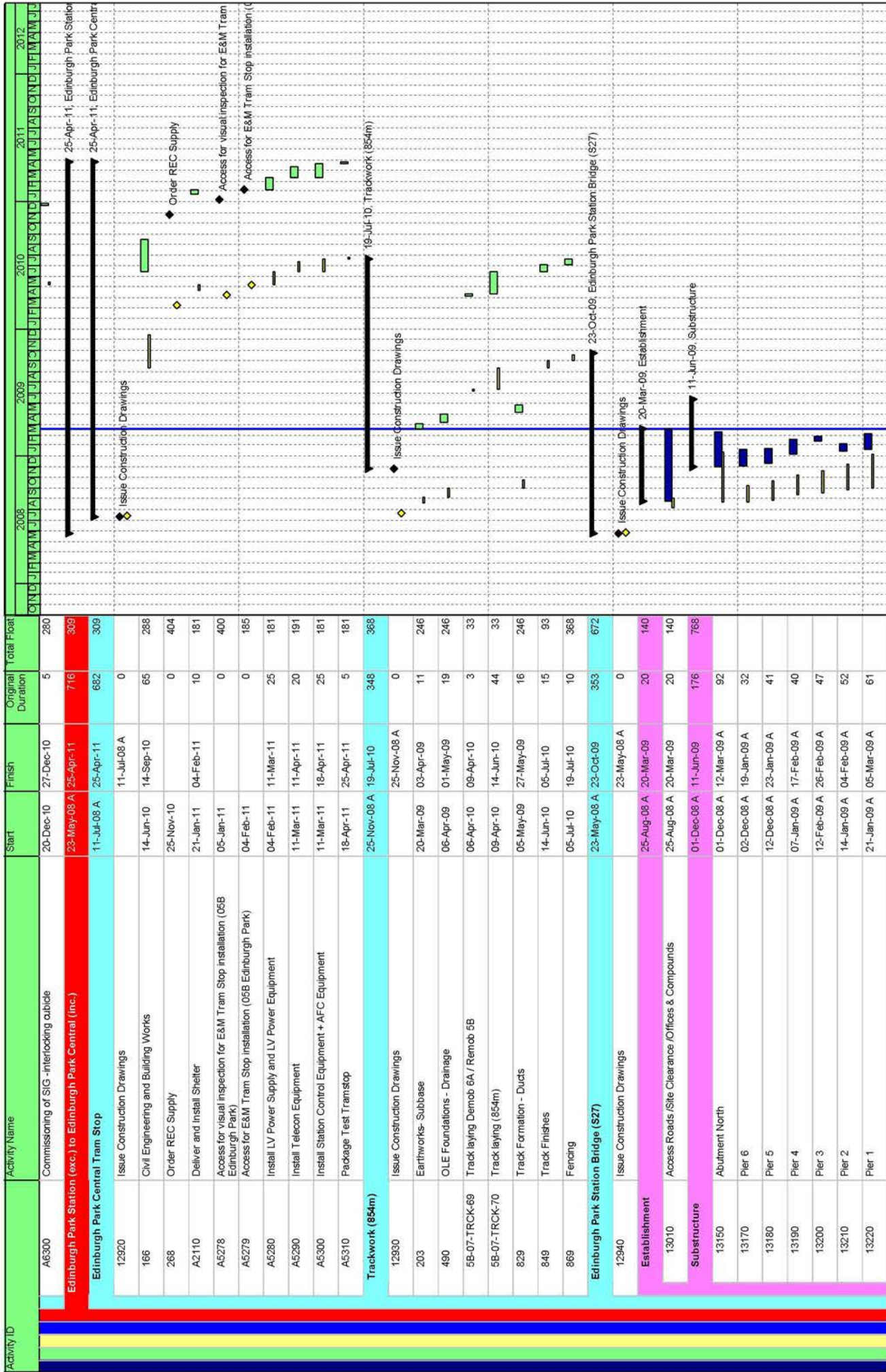
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Date: 16-Mar-09

Checked: SCS

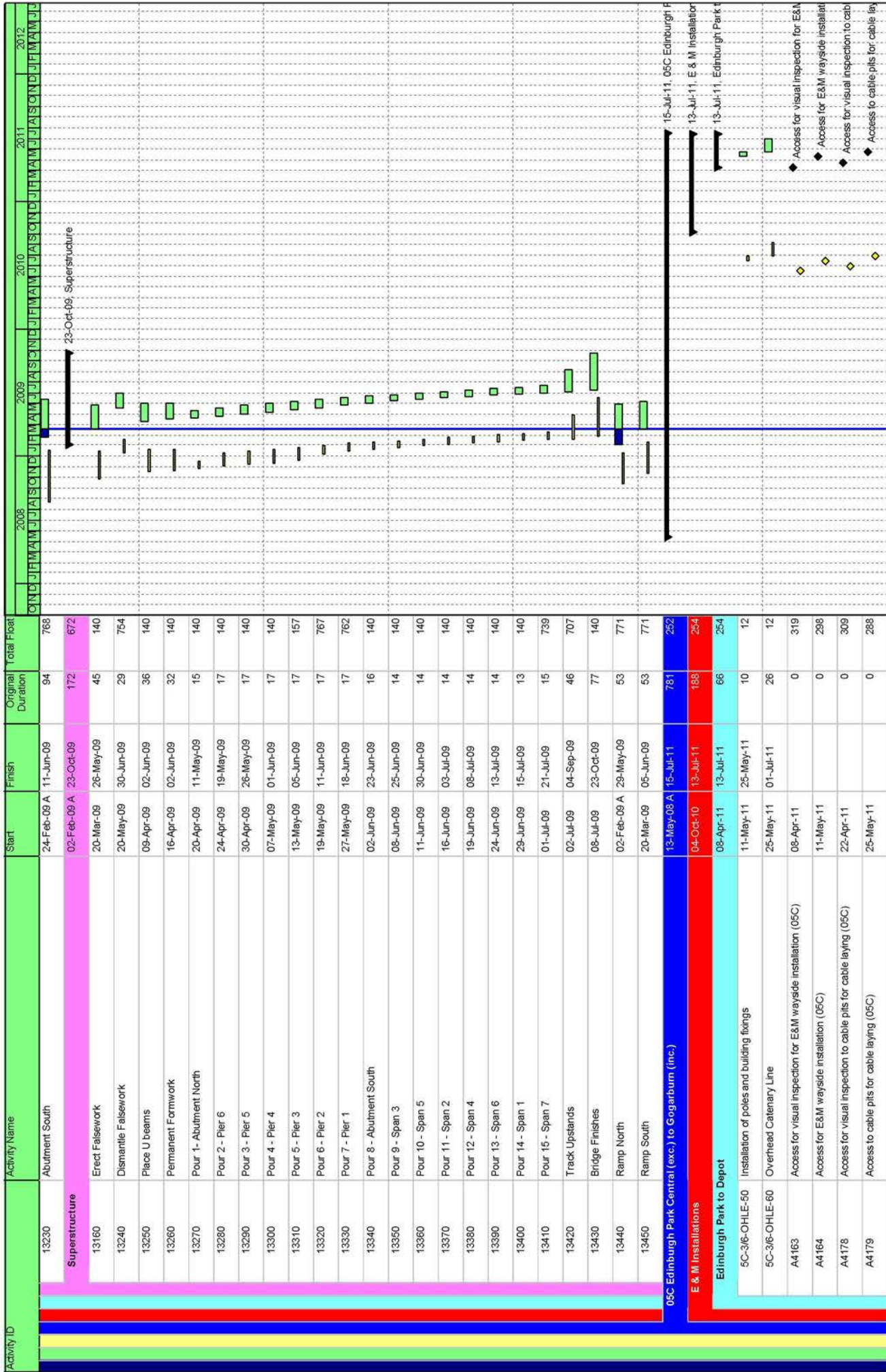
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- █ V31 Baseline Milestone
- █ Actual Work
- ◇ Remaining Work
- ◆ Critical Remaining Work
- Summary



V31 Baseline
 Actual Work
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 Milestone
 V31 Baseline Milestone
 Summary

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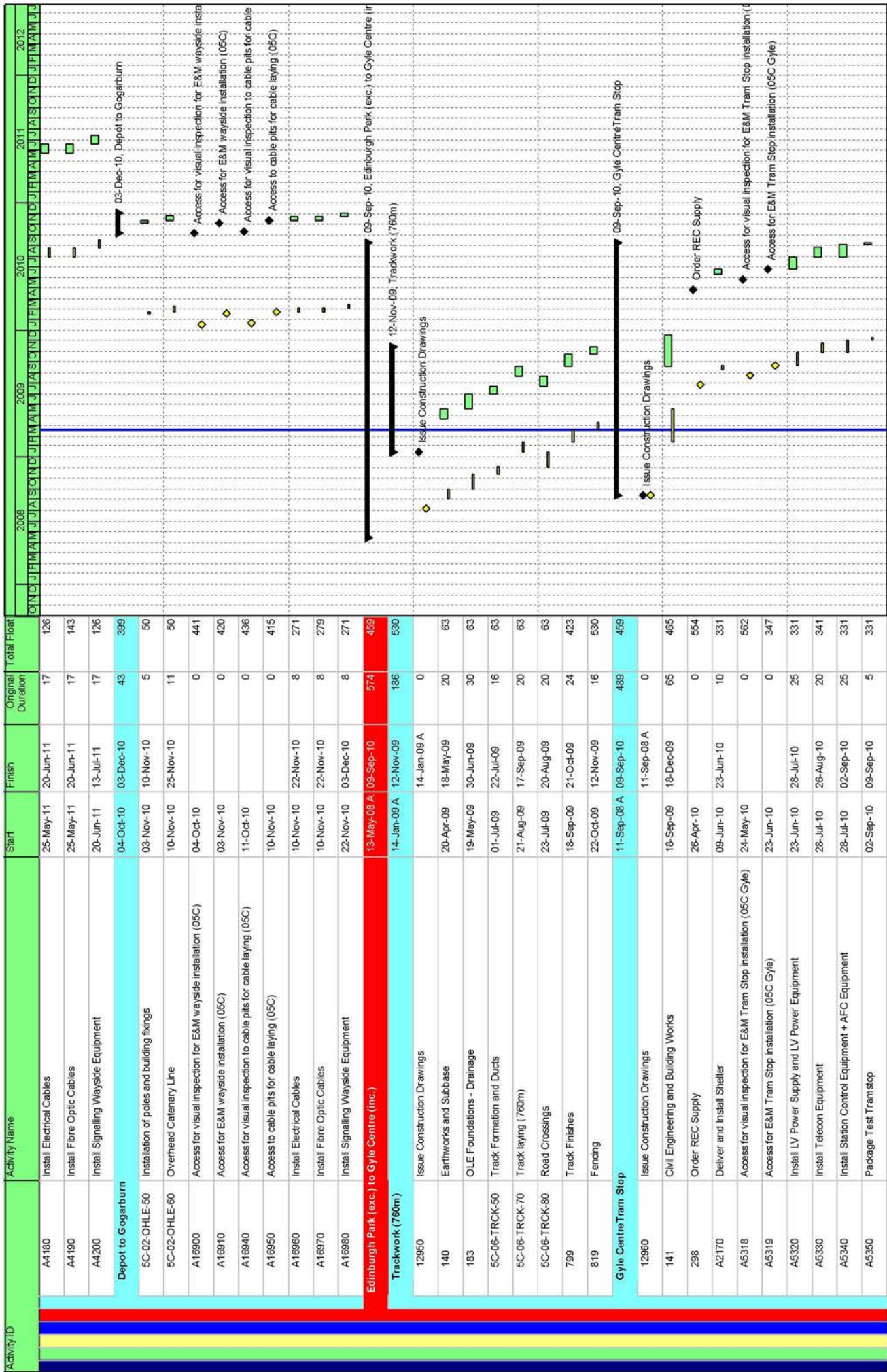
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- V31 Baseline Milestone (Green diamond)
- Milestone (Black diamond)
- Summary (Arrow)

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Activity ID	Activity Name	Start	Finish	Original Duration	Total Float
A4180	Install Electrical Cables	25-May-11	20-Jun-11	17	126
A4190	Install Fibre Optic Cables	25-May-11	20-Jun-11	17	143
A4200	Install Signalling Wayside Equipment	20-Jun-11	13-Jul-11	17	126
Depot to Gogarburn					
5C-02-OHLE-50	Installation of poles and building fixings	04-Oct-10	03-Dec-10	43	399
5C-02-OHLE-60	Overhead Catenary Line	03-Nov-10	10-Nov-10	5	50
A16900	Access for visual inspection for E&M wayside installation (O5C)	04-Oct-10	25-Nov-10	11	50
A16910	Access for E&M wayside installation (O5C)	03-Nov-10	04-Oct-10	0	441
A16940	Access for visual inspection to cable pits for cable laying (O5C)	11-Oct-10	03-Nov-10	0	420
A16950	Access to cable pits for cable laying (O5C)	10-Nov-10	11-Oct-10	0	436
A16960	Install Electrical Cables	10-Nov-10	10-Nov-10	0	415
A16970	Install Fibre Optic Cables	10-Nov-10	22-Nov-10	8	271
A16980	Install Signalling Wayside Equipment	22-Nov-10	22-Nov-10	8	279
			03-Dec-10	8	271
Edinburgh Park (exc.) to Gyle Centre (Inc.)					
		13-May-08 A	09-Sep-10	574	459
Trackwork (760m)					
12950	Issue Construction Drawings	14-Jan-09 A	12-Nov-09	186	530
140	Earthworks and Subbase	20-Apr-09	14-Jan-09 A	0	
183	OLE Foundations - Drainage	18-May-09	18-May-09	20	63
5C-06-TRCK-50	Track Formation and Ducts	19-May-09	30-Jun-09	30	63
5C-06-TRCK-70	Track laying (760m)	01-Jul-09	22-Jul-09	16	63
5C-06-TRCK-80	Road Crossings	21-Aug-09	17-Sep-09	20	63
799	Track Finishes	23-Jul-09	20-Aug-09	20	63
819	Fencing	18-Sep-09	21-Oct-09	24	423
		22-Oct-09	12-Nov-09	16	530
Gyle Centre Tram Stop					
12960	Issue Construction Drawings	11-Sep-08 A	09-Sep-10	489	459
141	Civil Engineering and Building Works	18-Sep-09	11-Sep-08 A	0	
288	Order REC Supply	26-Apr-10	18-Dec-09	65	465
A2170	Deliver and Install Shelter	09-Jun-10	26-Apr-10	0	564
A5318	Access for visual inspection for E&M Tram Stop installation (O5C Gyle)	24-May-10	09-Jun-10	10	331
A5319	Access for E&M Tram Stop installation (O5C Gyle)	23-Jun-10	24-May-10	0	562
A5320	Install LV Power Supply and LV Power Equipment	23-Jun-10	23-Jun-10	0	347
A5330	Install Telecom Equipment	28-Jul-10	28-Jul-10	25	331
A5340	Install Station Control Equipment + AFC Equipment	28-Jul-10	26-Aug-10	20	341
A5350	Package Test Tramstop	02-Sep-10	02-Sep-10	25	331
		09-Sep-10	09-Sep-10	5	331

█ V31 Baseline
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 Remaining Work
 Critical Remaining Work
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▶ Summary

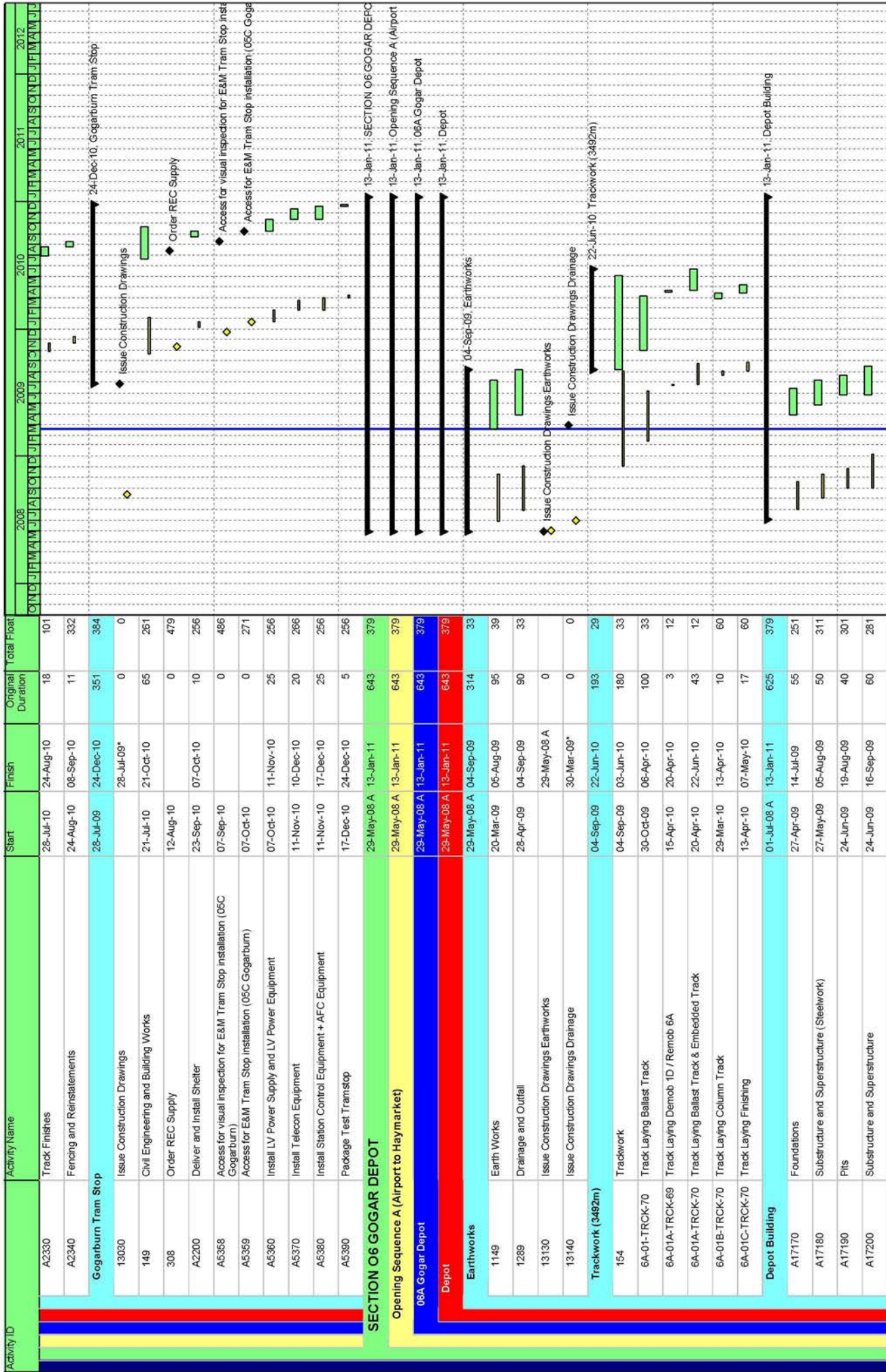
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Activity ID	Activity Name	Start	Finish	Original Duration	Total Float
	Glye Centre Tram Stop Retaining Wall (W16)				
12970	Issue Construction Drawings	13-May-08 A	17-Apr-09	229	63
139	Wall Construction	20-Mar-09	13-May-08 A	0	63
	Glye Centre (exc.) to Depot Stop (inc.)				
	A8 Underpass (W28)				
12980	Issue Construction Drawings	28-Jul-08 A	15-Jul-11	727	124
143	Phase 1	28-Jul-08 A	16-Feb-10	377	124
153	Working around BT ducts (dummy)	01-Sep-08 A	28-Jul-08 A	0	124
519	Phase 2	18-May-09	18-May-09	46	124
529	Phase 3	16-Jun-09	16-Jun-09	20	124
539	Phase 4	03-Sep-09	03-Sep-09	56	124
549	Subway Construction	24-Nov-09	24-Nov-09	58	124
	Depot Access Bridge (S32)				
12990	Issue Construction Drawings	07-Oct-08 A	30-Jul-10	443	124
144	Dummy	16-Feb-10	07-Oct-08 A	0	124
	Trackwork (562m)				
10590	Issue Construction Drawings	14-Jan-09 A	15-Jul-11	592	124
1069	Bulk Excavation	30-Jul-10	14-Jan-09 A	0	124
1079	Drainage and OLE Foundations	18-Aug-10	18-Aug-10	12	124
1089	Track Formation and Ducts	20-Sep-10	20-Sep-10	23	124
5C-03-TRCK-69	Track Laying Demob 1D/ Remob 5C	23-Mar-11	06-Oct-10	12	124
5C-03-TRCK-70	Track Laying (562m)	28-Mar-11	28-Mar-11	3	12
A2380	Track Finishes	06-Jun-11	06-Jun-11	47	12
A2390	Fencing and Reinstatements	30-Jun-11	30-Jun-11	18	12
	A8 Retaining Walls (W16)				
145	Soil Nailing	20-Mar-09	15-Jul-11	11	124
	Depot Stop (exc.) to Gogarburn (inc.)				
	Trackwork (562m)				
13020	Issue Construction Drawings	28-Jul-09 A	24-Dec-10	386	384
148	Ramp Wall out of depot (details unknown)	06-Aug-09	08-Sep-10	310	332
288	Earthworks and Subbase	17-Sep-09	14-Jan-10 A	0	164
5C-02-TRCK-70	Track Laying (562m)	14-Jun-10	16-Sep-09	30	164
749	Drainage and OLE Foundations	05-Oct-09	02-Oct-09	12	164
759	Track Formation and Ducts	05-Nov-09	28-Jul-10	32	33
			04-Nov-09	23	164
			20-Nov-09	12	164

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

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Activity ID	Activity Name	Start	Finish	Original Duration	Total Float	2008	2009	2010	2011	2012
A17210	Building Envelope	24-Jun-09	28-Oct-09	90	251					
Procurement										
1158	Issue Construction Drawings	01-Jul-08 A	12-Jun-09	68	258					
1159	Steel Work Fabrication	01-Jul-08 A	07-Jul-08 A	0						
Building Services										
1249	Building Services Installation	01-Oct-09	01-Jun-10	160	251					
1259	Building Services Commissioning	01-Oct-09	30-Apr-10	140	251					
Fitting Out & Finishes										
1269	Fitting out and Finishes	01-Oct-09	01-Jun-10	160	251					
E & M Workshop Equipment Installation										
A2542	Access for visual inspection for E&M workshop equipment	04-May-10	04-May-10	0	577					
A2544	Access for E&M workshop equipment	02-Jun-10	02-Jun-10	0	556					
A2545	Installation of workshop equipment	02-Jun-10	02-Dec-10	130	251					
Inspection & Handover										
A2550	Inspection and Testing	03-Dec-10	13-Jan-11	20	251					
Depot Substation										
306	Order REC supply from Scottish Power	29-Jul-09	05-May-09	0	491					
316	Civil Engineering and Building Works	05-May-09	18-Nov-09	140	491					
A2518	Access for visual inspection for E&M Substation installation (06A Depot)	20-Oct-09	20-Oct-09	0	716					
A2519	Access for E&M Substation installation (06A Depot)	19-Nov-09	19-Nov-09	0	521					
A5930	Power Infeed from Public Net available inc HV cable	19-Nov-09	19-Nov-09	0	491					
A5940	Install LV Power Supply and LV Power Equipment	07-Sep-10	28-Sep-10	15	298					
A5950	Installation of TPS Equipment	21-Sep-10	02-Nov-10	30	269					
A5960	Install Telecom and Scada	12-Oct-10	02-Nov-10	15	269					
A5970	Testing and Commissioning	02-Nov-10	22-Nov-10	14	269					
A6330	Installation of SIG-interlocking cubicle	21-Sep-10	12-Oct-10	15	314					
A6340	Commissioning of SIG -interlocking cubicle	12-Oct-10	19-Oct-10	5	314					
Access Roads										
1179	North Side	19-May-09	01-Jun-10	255	401					
1189	South Side	19-May-09	21-Jun-09	45	401					
1199	Finishes	22-Jul-09	19-Aug-09	20	401					
1209	Car Park & Hardstanding	20-Aug-09	01-Jun-10	190	401					
1219	Track & Stabling Area	01-Jul-09	25-Feb-10	160	466					
1229	Shunting Area	01-Jul-09	07-Oct-09	70	49					
		15-Jul-09	21-Oct-09	70	39					

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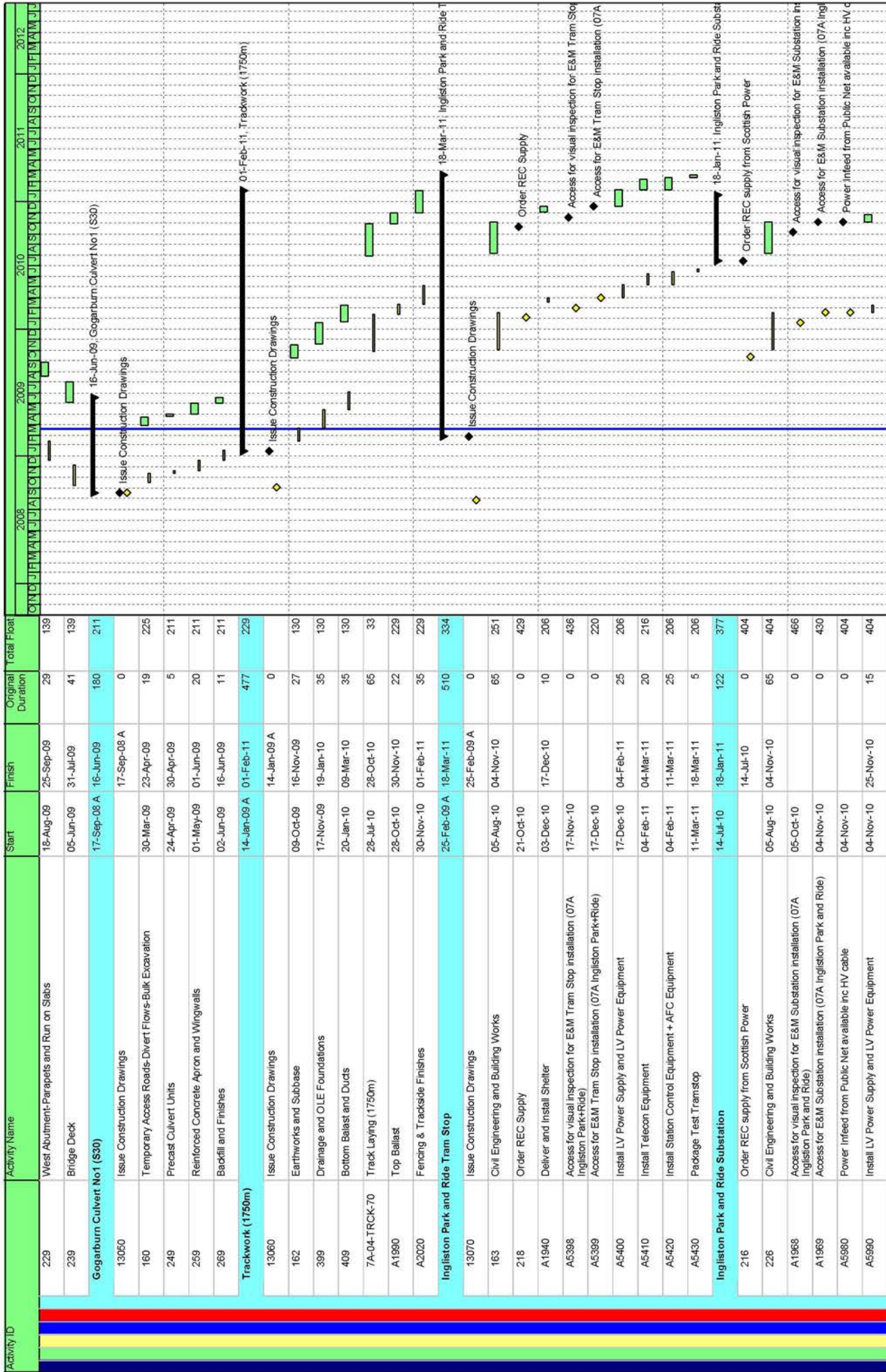
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- ◆ Remaining Work
- ◆ Critical Remaining Work
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- ◆ V31 Baseline Milestone
- ◆ Summary

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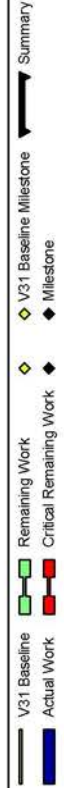
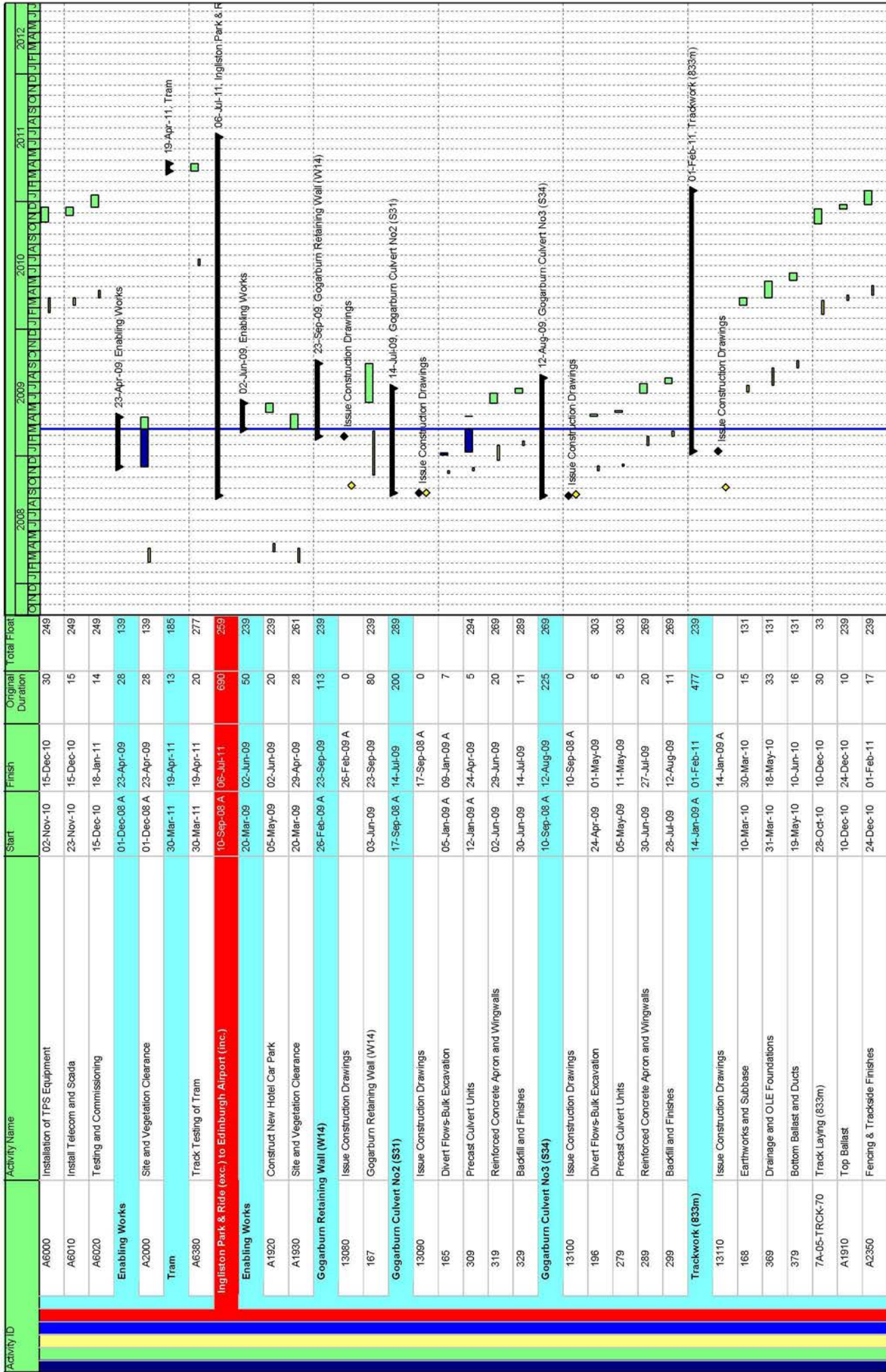
Activity ID	Activity Name	Start	Finish	Original Duration	Total Float	2008												2009												2010												2011												2012											
						Activity Name												Activity Name												Activity Name												Activity Name												Activity Name											
1239	Handover to trackworks resource		21-Oct-09	0	39																																																												
E & M Installations																																																																	
06A-01-OHLE-50	Installation of poles and building fixings	30-Apr-10	03-Nov-10	130	420																																																												
06A-01-OHLE-60	Overhead Catenary Line	03-Jun-10	19-Jul-10	32	50																																																												
A4203	Access for visual inspection for E&M Depot installation	30-Apr-10	03-Nov-10	76	50																																																												
A4204	Access for E&M Depot installation	03-Jun-10	03-Jun-10	0	549																																																												
A4218	Access for visual inspection to cable pits for cable laying (Depot)	01-Jul-10	01-Jul-10	0	507																																																												
A4219	Access to cable pits for cable laying (Depot)	03-Aug-10	03-Aug-10	0	486																																																												
A4220	Install Electrical Cables	03-Aug-10	19-Aug-10	12	324																																																												
A4230	Install Fibre Optic Cables	03-Aug-10	19-Aug-10	12	346																																																												
A4240	Install Signalling Wayside Equipment	19-Aug-10	06-Sep-10	12	324																																																												
SECTION 07 GOGAR TO EDINBURGH AIRPORT																																																																	
Opening Sequence A (Airport to Haymarket)																																																																	
07A Gogarburn (exc.) to Edinburgh Airport (Inc.)																																																																	
E & M Installations																																																																	
07A-0405-OHLE-50	Installation of poles and building fixings	09-Nov-10	18-Apr-11	102	314																																																												
07A-0405-OHLE-60	Overhead Catenary Line	10-Dec-10	21-Jan-11	20	40																																																												
A4243	Access for visual inspection for E&M wayside installation (07A)	21-Jan-11	30-Mar-11	48	40																																																												
A4244	Access for E&M wayside installation (07A)	09-Nov-10	09-Nov-10	0	415																																																												
A4258	Access for visual inspection to cable pits for cable laying (07A)	10-Dec-10	10-Dec-10	0	394																																																												
A4259	Access to cable pits for cable laying (07A)	22-Dec-10	22-Dec-10	0	385																																																												
A4260	Install Electrical Cables	04-Feb-11	04-Feb-11	0	364																																																												
A4270	Install Fibre Optic Cables	04-Feb-11	11-Mar-11	25	181																																																												
A4280	Install Signalling Wayside Equipment	04-Feb-11	11-Mar-11	25	211																																																												
Gogarburn (exc.) to Ingliston Park & Ride (Inc.)																																																																	
Gogarburn Underbridge (S29)																																																																	
13040	Issue Construction Drawings	15-May-08 A	19-Apr-11	719	313																																																												
13041	Treat area of contaminated land (Dummy duration)	15-May-08 A	08-Oct-09	349	130																																																												
159	Temporary Access Roads-Bulk Excavation-Piling Platform	09-Apr-09	08-Oct-09	130	142																																																												
179	East Abutment-Piles and Columns	13-Oct-08 A	23-Apr-09	16	142																																																												
189	East Abutment-Reinforced Earth	05-Jan-09 A	05-May-09	36	139																																																												
199	East Abutment-Parapets and Run on Slabs	02-Mar-09 A	20-May-09	15	139																																																												
209	West Abutment-Piles and Columns	27-Jul-09	04-Sep-09	29	139																																																												
219	West Abutment-Reinforced Earth	05-Jan-09 A	05-May-09	36	150																																																												
		02-Mar-09 A	04-Jun-09	15	139																																																												

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

Date	Revision	Checked	Approved
16-Mar-09		SCS	

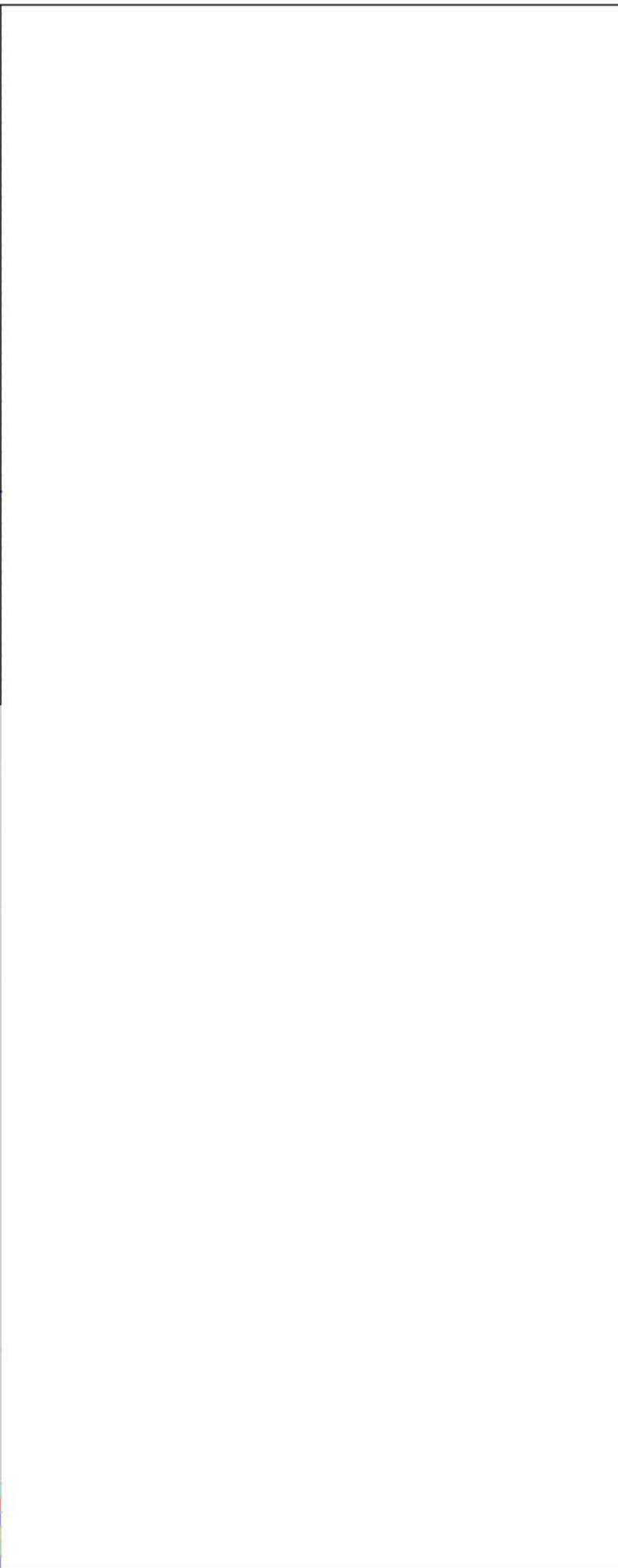


Date	Revision	Checked	Approved
16-Mar-09		SCS	



Date	Revision	Checked	Approved
16-Mar-09		SCS	

Activity ID	Activity Name	Start	Finish	Original Duration	Total Float	2008												2009												2010												2011												2012																																																																																									
						JAN												FEB												MAR												APR												MAY												JUN												JUL												AUG												SEP												OCT												NOV												DEC					
Edinburgh Airport Tram Stop		20-May-09 A	06-Jul-11	548	259																																																																																																																																										
13120	Issue Construction Drawings			0																																																																																																																																											
169	Civil Engineering and Building Works	10-Dec-10	25-Mar-11	65	161																																																																																																																																										
208	Order REC Supply	18-Feb-11		0	354																																																																																																																																										
A1880	Deliver and Install Shelter	04-Apr-11	18-Apr-11	10	131																																																																																																																																										
A5438	Access for visual inspection for E&M Tram Stop installation (07A Edinburgh Airport)	17-Mar-11		0	349																																																																																																																																										
A5439	Access for E&M Tram Stop installation (07A Edinburgh Airport)	18-Apr-11		0	134																																																																																																																																										
A5440	Install LV Power Supply and LV Power Equipment	18-Apr-11	24-May-11	25	131																																																																																																																																										
A5450	Install Telecom Equipment	24-May-11	22-Jun-11	20	141																																																																																																																																										
A5460	Install Station Control Equipment + AFC Equipment	24-May-11	29-Jun-11	25	131																																																																																																																																										
A5470	Package Test Tramstop	29-Jun-11	06-Jul-11	5	131																																																																																																																																										
A6360	Installation of SIG-interlocking cubicle	03-May-11	17-May-11	10	174																																																																																																																																										
A6370	Commissioning of SIG-interlocking cubicle	17-May-11	24-May-11	5	174																																																																																																																																										



10.3 Look Ahead Programme

Activity ID	Geographical Sections	Discipline Codes	Activity Name	Original Duration	Activity % Complete	Start	Finish
Edinburgh Tram - Construction Programme 01 Rev.D							
Design Stage Consents							
TIE Consents							
MUDFA & UTILITIES							
Third Party Notice Periods							
M & E							
780		APPT	M & E Review of Detailed Design	30	90%	12-Dec-08 A	21-Mar-09
790		DASB	M & E Design Freeze	0	0%		21-Mar-09
Railway Electrification							
S-50240		DASB	Construction Design OCS	409	96%	16-Jun-08 A	12-Feb-10
S-50210		DASB	Configuration OCS - Layout Design	153	98%	16-Jun-08 A	20-Mar-09
S-50500		OTHW	Configuration OCS - sectionalizing diagrams	138	98%	07-Jul-08 A	20-Mar-09
A17100		DASB	Detail Design TPS	84	95%	07-Jul-08 A	20-Mar-09
A17120		DASB	Detail Design OCS	100	88%	25-Jul-08 A	27-Mar-09
S-50340		DASB	Configuration TPS	100	88%	25-Jul-08 A	20-Mar-09
S-50220		DASB	Configuration OCS - pole foundation/ anchor supports	85	75%	01-Aug-08 A	28-Mar-09
A17130		OTHW	Procurement	119	97%	01-Aug-08 A	20-Mar-09
S-50270		OTHW	Procurement OCS - Main Components	100	80%	01-Sep-08 A	27-Mar-09
S-50310		OTHW	Installation Preparation OCS	140	55%	01-Sep-08 A	27-Mar-09
A17180		APPR	Installation Preparation OCS	226	50%	01-Sep-08 A	30-Jul-09
S-50330		DASB	SDS Design OLE Foundations (no ESM Item)	100	59%	08-Sep-08 A	16-Jun-09
S-50230		DASB	Basic Design & Studies TPS	70	59%	15-Sep-08 A	31-Jul-09
S-50350		DASB	Configuration OCS - cross profiles	119	95%	27-Oct-08 A	20-Mar-09
S-50360		DASB	Electrical Equipment Design TPS	35	100%	03-Nov-08 A	09-Mar-09 A
A17140		OTHW	Control & Protection Design TPS	35	90%	03-Nov-08 A	27-Mar-09
S-50370		OTHW	Manufacturing	221	0%	20-Mar-09	12-Feb-10
S-50380		OTHW	Manufacturing TPS - rect & aux transformer	131	0%	20-Mar-09*	24-Sep-09
S-50390		OTHW	Manufacturing TPS - DC + MV switchgear	73	0%	20-Mar-09*	03-Jul-09
S-50280		OTHW	Manufacturing TPS - cables	131	0%	20-Mar-09*	24-Sep-09
A17150		OTHW	Manufacturing OCS	83	0%	20-Mar-09*	17-Jul-09
Track Work		OTHW	Dispatch	186	0%	12-May-09*	12-Feb-10
S-51010		DASB	Verification sds design	513		19-May-08 A	03-Sep-09
S-51120		DASB	basic design	20	65%	19-May-08 A	23-Mar-09
S-51160		DASB	Specifications	46	85%	29-Jul-08 A	28-Mar-09
S-51170		DASB	typical drawings	25	85%	20-Oct-08 A	02-Apr-09
		DASB	typical drawings	70	50%	20-Oct-08 A	18-May-09

Date	Revision	Check...	Approved
20-Mar-09	Construction Programme Updated V42 & Progress	JAC	

Three Month Look Ahead Programme
March 2009 - June 2009

EDINBURGH TRAM NETWORK

Activity ID	Geographical Sections	Discipline Codes	Activity Name	Original Duration	Activity % Complete	Start	Finish
S-51130		DASB	detailed Design	260	22%	20-Oct-08 A	03-Sep-09
S-51100		DASB	Documentation	20	70%	24-Oct-08 A	15-Apr-09
Rail Automation							
S-54440		OTHW	procurement & transport TPDS	269		11-Sep-08 A	01-Dec-09
S-52930		DASB	detailed design radio system	120	45%	11-Sep-08 A	14-Sep-09
S-53620		DASB	detailed design PABX	45	80%	13-Oct-08 A	15-Jul-09
S-54400		OTHW	procurement & transport ESM cubicles	36	95%	13-Oct-08 A	20-Mar-09
S-54420		OTHW	procurement & transport fibre optic	210	35%	02-Nov-08 A	18-Nov-09
S-54430		OTHW	procurement & transport PABX	120	45%	02-Nov-08 A	11-Aug-09
S-54450		OTHW	procurement & transport UPS	120	45%	10-Nov-08 A	08-Sep-09
S-54410		OTHW	procurement & transport radio system	120	80%	10-Nov-08 A	14-Jul-09
S-53680		DASB	detailed design TPDS	218	35%	24-Nov-08 A	01-Dec-09
Workshop Equipment							
S-53000	06 A	DASB	detail design DWE	362	83%	01-Dec-08 A	26-Mar-09
S-53310	06 A	OTHW	ordering DWE	70	56%	19-Sep-08 A	15-Mar-10
S-53010	06 A	APPR	Approval detail design DWE	170	25%	19-Sep-08 A	15-May-09
S-53220	06 A	OTHW	manufacture DWE	129	5%	20-Oct-08 A	02-Jul-09
SECTION 01 NEWHAVEN ROAD TO HAYMARKET							
SECTION 01 NEWHAVEN ROAD TO HAYMARKET							
Opening Sequence B (Haymarket to Newhaven Road)							
Opening Sequence B (Haymarket to Newhaven Road)							
01A Newhaven Road (inc.) to Foot of the Walk (exc.)							
3	01 A		01A Newhaven Road (inc.) to Foot of the Walk (exc.)	1149	14.8%	08-Oct-08 A	24-Nov-11
Newhaven Road (inc.) to Ocean Terminal (exc.)							
4	01 A		Newhaven Road (inc.) to Ocean Terminal (exc.)	694	0%	08-Oct-08 A	29-Jul-11
Design							
B01000			Scottish Water - Outfall Consent	1031	16.5%	08-Oct-08 A	29-Jul-11
Ocean Terminal (inc.) to Port of Leith (exc.)							
9	01 A		Ocean Terminal (inc.) to Ocean Drive (exc.)	714	0%	11-Nov-08 A	10-Nov-11
Design							
B01010			Scottish Water - Outfall Consent	1062	10.46%	11-Nov-08 A	10-Nov-11
Port of Leith (inc.) to Bernard Street (exc.)							
15	01 A		Ocean Drive (inc.) to Constitution Street (exc.)	482	0%	03-Apr-09	03-Apr-09
Design							
B01020			Scottish Water - Outfall Consent	718	0%	03-Feb-09 A	08-Mar-11
Scottish Water - Outfall Consent							
03-Apr-09* 03-Apr-09* 03-Mar-11							
05-Feb-09 A 08-Mar-11							
20-Mar-09 20-Mar-09							
20-Mar-09* 20-Mar-09*							

Date	Revision	Checked	Approved
20-Mar-09	Construction Programme Updated V42 & Progress	JAC	

█ Actual Work
█ Normal
◆ Milestone
 % Complete

Three Month Look Ahead Programme
March 2009 - June 2009

EDINBURGH TRAM NETWORK

Activity ID	Geographi... Sections	Discipline Codes	Activity Name	Original Duration	Activity % Complete	Start	Finish
Bernard Street (inc.) to Foot of the Walk (exc.)							
18	01.A		Constitution Street (inc.) to Foot of the Walk (exc.)	632	0%	03-Feb-09 A	10-Oct-11
Design				954	0%	03-Feb-09 A	10-Oct-11
B01030			Scottish Water - Outfall Consent	0	0%	20-Mar-09	20-Mar-09
Roadwork				14	0%	20-Mar-09	08-Apr-09
Enabling Works							
B14500			Archaeological Works - Constitution Street	20	0%	20-Mar-09*	08-Apr-09
01B Foot of the Walk (inc.) to McDonald Road (exc.)							
21	01.B		01B Foot of the Walk (inc.) to McDonald Road (exc.)	762	21.58%	01-Oct-08 A	23-Aug-11
Foot of the walk (inc.) to Balfour Street (exc.)							
22	01.B		Foot of the walk (inc.) to Balfour Street (exc.)	998	17.23%	01-Oct-08 A	24-Jun-11
Design				1	0%	10-Mar-09 A	29-Jun-09
B01270			Works in Leith Walk suspended until access issues resolved	1	0%	10-Mar-09 A	29-Jun-09
Roadwork				80	0%	30-Oct-08 A	07-Jul-09
Leith Walk Ch.100-350							
Northbound							
A12390	01.B.350	ROAD	Construct Kerb lines	80	95%	30-Oct-08 A	07-Jul-09
B25030			Footpath Works	12	95%	30-Oct-08 A	01-Jul-09
A12400	01.B.350	ROAD	Reset Gullies & Inspection Chambers	5	100%	17-Nov-08 A	02-Jul-09
A12420	01.B.350	ROAD	Surface New Carriageway	5	15%	01-Dec-08 A	07-Jul-09
B25390			Re-commence Works Ch.70-130 & Ch.140-170	1	100%	23-Feb-09 A	10-Mar-09 A
B25400			De-mobilise / make safe	1	100%	10-Mar-09 A	20-Mar-09 A
Balfour Street (inc.) to McDonald Road (exc.)							
25	01.B		Balfour Street (inc.) to McDonald Road (exc.)	1075	22.71%	06-Feb-09 A	28-Jun-11
Design				0	0%	20-Mar-09	20-Mar-09
B01050			Works suspended - Embargo until MUDFA clear (+ re-mobilise)	0	0%	20-Mar-09	20-Mar-09
01C McDonald Road (inc.) to Princess Street West (exc.)							
29	01.C		01C McDonald Road (inc.) to Princess Street West (exc.)	1236	18.21%	06-Feb-09 A	20-Jan-12
McDonald Road (inc.) to Picardy Place (exc.)							
30	01.C		McDonald Road (inc.) to Picardy Place (exc.)	689	23.16%	06-Feb-09 A	22-Jun-11
Design				0	0%	27-Apr-09	27-Apr-09
12190	01.C	APPT	Issue Construction Drawings - Trackwork	0	0%	27-Apr-09*	27-Apr-09*
12200	01.C	APPT	Issue Construction Drawings - Roadwork	0	0%	27-Apr-09*	27-Apr-09*
Roadwork				104	0%	27-Apr-09	23-Sep-09
Leith Walk Ch 0-375							
				104	0%	27-Apr-09	23-Sep-09

Date	Revision	Check...	Approved
20-Mar-09	Construction Programme Updated V42 & Progress	JAC	

█ Actual Work
█ Normal
◆ Milestone
▬ % Complete

12190 ◆ Issue Construction Drawings - Trackwork
12200 ◆ Issue Construction Drawings - Roadwork

Three Month Look Ahead Programme
March 2009 - June 2009

EDINBURGH TRAM NETWORK



Activity ID	Geographical Sections	Discipline Codes	Activity Name	Original Duration	Activity % Complete	Start	Finish
A13540	01.C.375	MULT	Leith Walk Ch.0-375 Construction	80	0%	27-Apr-09	23-Sep-09
Northbound							
B25160	01.B.350	MISC	Establish Traffic Management & Temp. Fencing	43	05-May-09	03-Jul-09	
B25170	01.B.350	ROAD	Excavate for new channel and kerb line / remove existing kerbs & gullies	5	0%	05-May-09	11-May-09
B25180	01.B.350	ROAD	Site Clearance	11	0%	11-May-09	26-May-09
B25190	01.B.350	ROAD	Construct Kerb lines	17	0%	12-May-09	04-Jun-09
B25210	01.B.350	ROAD	Reset Gullies & Inspection Chambers	18	0%	14-May-09	09-Jun-09
B25220	01.B.350	ROAD	Surface New Carriageway	8	0%	21-May-09	02-Jun-09
B25230	01.B.350	ROAD	Footpath Works	8	0%	03-Jun-09	12-Jun-09
B25240			Road Markings & Anti-Skid	18	0%	10-Jun-09	03-Jul-09
				2	0%	15-Jun-09	16-Jun-09
Picardy Place (inc.) to St. Andrews Square (exc.)							
33	01.C		Picardy Place (inc.) to St. Andrews Square (exc.)	725	06-Feb-09 A	20-Jan-12	
Design							
12210	01.C	APPT	Issue Construction Drawings - Trackwork	35	10-Mar-09 A	15-Apr-09	
12220	01.C	APPT	Issue Construction Drawings - Roadwork	0	100%	10-Mar-09 A	
12220	01.C	APPT	Issue Construction Drawings - Roadwork	0	100%	10-Mar-09 A	
12220	01.C	APPT	Issue Construction Drawings - Picardy Place Tramstop	0	0%	15-Apr-09*	
St. Andrews Square (inc.) to Princes Street West (exc.)							
46	01.C		St. Andrews Square (inc.) to Princes Street West (exc.)	725	06-Feb-09 A	20-Jan-12	
Design							
12240	01.C	APPT	Issue Construction Drawings - Trackwork	0	67%	06-Feb-09 A	20-Jan-12
12250	01.C	APPT	Issue Construction Drawings - Roadwork	0	100%	03-Mar-09 A	
12250	01.C	APPT	Issue Construction Drawings - Roadwork	0	100%	03-Mar-09 A	
Princes Street West Tram Stop							
630	01.C	TRMS	Civil Engineering And Building Works	65	21-Apr-09	22-Jul-09	
				65	0%	21-Apr-09	22-Jul-09
01D Princes Street (inc.) to Haymarket (exc.)							
39	01.D		01D Princes Street (inc.) to Haymarket (exc.)	610	24-Nov-08 A	31-May-11	
Design							
12270	01.D	APPT	Issue Construction Drawings - Roadwork	915	12.24%	24-Nov-08 A	31-May-11
12280	01.D	APPT	Issue Construction Drawings - Roadwork	480	24-Nov-08 A	12-Nov-10	
Princes Street West (inc.) to Shandwick Place (exc.)							
40	01.D		Princes Street West (inc.) to Shandwick Place (exc.)	711	15.19%	24-Nov-08 A	12-Nov-10
Design							
12270	01.D	APPT	Issue Construction Drawings - Roadwork	0	100%	03-Mar-09 A	
12280	01.D	APPT	Issue Construction Drawings - Roadwork	0	100%	03-Mar-09 A	
Roadwork							
Lothian Road Junction Ch 440-280							
Phase 1							
A8250	01.D.440	MISC	Establish Traffic Management & Temp. Fencing	63	05-Jan-09 A	22-Apr-09	
Phase 2							
				2	05-Jan-09 A	20-Mar-09	
				2	100%	05-Jan-09 A	20-Mar-09
				15	31-Mar-09	22-Apr-09	

█ Actual Work █ Milestone █ % Complete
█ Normal █

Date: 20-Mar-09 Revision: Approved Check: JAC

Construction Programme Updated V42 & Progress

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Three Month Look Ahead Programme
March 2009 - June 2009

EDINBURGH TRAM NETWORK

Activity ID	Geographical Sections	Discipline Codes	Activity Name	Original Duration	Activity % Complete	Start	Finish
A8480	01.D.440	MISC	Establish Traffic Management & Temp. Fencing	2	0%	31-Mar-09	02-Apr-09
A8500	01.D.440	ROAD	Excavate North kerblines	2	0%	02-Apr-09	06-Apr-09
A8510	01.D.440	ROAD	Relay North kerbs	5	0%	03-Apr-09	13-Apr-09
A8520	01.D.440	ROAD	Reset Gullies	5	0%	06-Apr-09	14-Apr-09
A8550	01.D.440	ROAD	Pavement (1m strip)	5	0%	13-Apr-09	20-Apr-09
A8570	01.D.440	STRL	Street Lighting / Road signs	7	0%	13-Apr-09	22-Apr-09
A8530	01.D.440	ROAD	Plane out wearing course	2	0%	14-Apr-09	16-Apr-09
Princes Street Ch 280-0,1980-1360							
78							
23-Feb-09 A 10-Jul-09							
North Section							
75							
23-Feb-09 A 07-Jul-09							
A13840	01.D.280	MISC	Establish Traffic Management & Temp. Fencing	2	100%	23-Feb-09 A	20-Mar-09 A
A13650	01.D.280	ROAD	Excavate North kerblines	19	0%	20-Mar-09	16-Apr-09
A13660	01.D.280	ROAD	Relay North kerbs	48	0%	27-Mar-09	05-Jun-09
A13870	01.D.280	ROAD	Reset Gullies	48	0%	03-Apr-09	12-Jun-09
A13900	01.D.280	ROAD	Pavement (1m strip)	48	0%	03-Apr-09	12-Jun-09
A13920	01.D.280	STRL	Street Lighting / Road signs	5	0%	08-Jun-09	12-Jun-09
A13880	01.D.280	ROAD	Plane out wearing course	10	0%	15-Jun-09	26-Jun-09
A13890	01.D.280	ROAD	Resurface road	7	0%	29-Jun-09	07-Jul-09
South Section							
70							
31-Mar-09 10-Jul-09							
A13940	01.D.280	MISC	Establish Traffic Management & Temp. Fencing	2	0%	31-Mar-09	02-Apr-09
A13950	01.D.280	ROAD	Excavate South kerblines	19	0%	02-Apr-09	30-Apr-09
A13960	01.D.280	ROAD	Relay South kerbs	48	0%	09-Apr-09	19-Jun-09
A13970	01.D.280	ROAD	Reset Gullies	48	0%	17-Apr-09	26-Jun-09
A14000	01.D.280	ROAD	Pavement (1m strip)	48	0%	17-Apr-09	26-Jun-09
A14020	01.D.280	STRL	Street Lighting / Road signs	5	0%	19-Jun-09	26-Jun-09
A13980	01.D.280	ROAD	Plane out wearing course	10	0%	26-Jun-09	10-Jul-09
Trackwork (710m)							
72							
31-Mar-09 14-Jul-09							
Princes Street Ch 280-0,1980-1360							
61							
17-Apr-09 14-Jul-09							
Phase 1							
61							
17-Apr-09 14-Jul-09							
A13760	01.D.280	MISC	Establish Traffic Management & Temp. Fencing	2	0%	17-Apr-09	20-Apr-09
A13770	01.D.280	TRCK	Excavate box	36	0%	21-Apr-09	11-Jun-09
A13780	01.D.280	TRCK	Excavate, lay and concrete ducts	54	0%	25-Apr-09	14-Jul-09
A13790	01.D.280	OHLE	Excavate and construct OLE bases	54	0%	25-Apr-09	14-Jul-09
Lothian Road Junction Ch 440-280							
7							
31-Mar-09 09-Apr-09							
Phase 2							
7							
31-Mar-09 09-Apr-09							
1st half							
7							
31-Mar-09 09-Apr-09							

Date	Revision	Check...	Approved
20-Mar-09	Construction Programme Updated V42 & Progress	JAC	

Actual Work Milestone % Complete

Normal

Three Month Look Ahead Programme
March 2009 - June 2009

EDINBURGH TRAM NETWORK

Activity ID	Geographi Sections	Discipline Codes	Activity Name	Original Duration	Activity % Complete	Start	Finish
A8320	01.D.440	MISC	Establish Traffic Management & Temp. Fencing	2	0%	31-Mar-09	02-Apr-09
A8330	01.D.440	TRCK	Excavate box	2	0%	02-Apr-09	06-Apr-09
A8340	01.D.440	TRCK	Excavate, lay and concrete ducts	3	0%	06-Apr-09	09-Apr-09
A8350	01.D.440	OHLE	Excavate and construct OLE bases	3	0%	06-Apr-09	09-Apr-09
Shadwick Place (inc.) to Haymarket (exc.)							
43	01.D		Shadwick Place (inc.) to Haymarket (exc.)	610	20.99%	02-Dec-08 A	31-May-11
Design							
12310	01.D	APPT	Issue Construction Drawings - Roadwork	73	100%	02-Mar-09 A	08-Jun-09
12320	01.D	APPT	Issue Construction Drawings - Trackwork	0	100%	03-Mar-09 A	03-Mar-09 A
B01171			Haymarket / Manor Place - Anticipated MUDFA Completion	0	0%	08-Jun-09*	
Roadwork							
			Haymarket Ch 1250-1125	140		02-Dec-08 A	30-Jun-09
			Phase 1	140		02-Dec-08 A	30-Jun-09
B25270			Preparation for Haymarket	140		02-Dec-08 A	30-Jun-09
A6390	01.D.1250	MISC	Establish Traffic Management & Temp. Fencing	20	100%	02-Dec-08 A	10-Mar-09 A
A6400	01.D.1250	ROAD	Remove island surfacing and exc. to formation	2	0%	08-Jun-09*	09-Jun-09
A6410	01.D.1250	ROAD	Construct Kerb lines	4	0%	10-Jun-09	15-Jun-09
A6420	01.D.1250	ROAD	Move Gullies	2	0%	16-Jun-09	17-Jun-09
A6450	01.D.1250	ROAD	Pavement Works	2	0%	18-Jun-09	19-Jun-09
A6470	01.D.1250	ROAD	Street Lighting / Traffic Signals / Road Signs	5	0%	18-Jun-09	24-Jun-09
A6430	01.D.1250	ROAD	Sub base	5	0%	18-Jun-09	24-Jun-09
A6440	01.D.1250	ROAD	Roadbase/course/wearing course/temp ramps	2	0%	22-Jun-09	23-Jun-09
A6460	01.D.1250	ROAD	White Lines	3	0%	24-Jun-09	26-Jun-09
A6475	01.D.1250	MISC	Remove fencing and Traffic Management	1	0%	29-Jun-09	29-Jun-09
SECTION 2 HAYMARKET CORRIDOR							
56			SECTION 2 HAYMARKET CORRIDOR	669		31-Mar-08 A	09-Dec-10
Opening Sequence A (Airport to Haymarket)							
47			Opening Sequence A (Airport to Haymarket)	982	35.96%	31-Mar-08 A	09-Dec-10
02A Haymarket Corridor							
48	02.A		02A Haymarket Corridor	669	35.96%	31-Mar-08 A	09-Dec-10
Haymarket (inc.) to Roseburn Junction (inc.)							
49	02.A		Haymarket (inc.) to Roseburn Junction (inc.)	982	35.96%	31-Mar-08 A	09-Dec-10
Design							
B01060			Scottish Water - Outfall Consent	0	0%	20-Mar-09	20-Mar-09
Roadwork							
			Scottish Water - Outfall Consent	0	0%	20-Mar-09*	20-Mar-09*
				30		23-Feb-09 A	09-Apr-09

█ Actual Work █ Milestone ◆ % Complete
█ Normal █ % Complete

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Activity ID	Geographi Sections	Discipline Codes	Activity Name	Original Duration	Activity % Complete	Start	Finish
B25282			Verify House Access Road	30	50%	23-Feb-09 A	09-Apr-09
Haymarket Station Viaduct (S19)							
WBSSUM004	02.A	BRDG	Haymarket Station Viaduct (S19) (WBS Summary)	449	59.91%	31-Mar-08 A	18-Dec-09
S19 Substructure							
1139			East Abutment	40	30%	01-Sep-08 A	15-Jul-09
508			Pier 4	30	75%	11-Nov-08 A	05-Jun-09
560			West Abutment	40	0%	13-Apr-09	09-Jun-09
192			Pier 1	30	0%	13-Apr-09	26-May-09
Trackwork (1135m)							
B25280	02.A	TRCK	Site Clearance	8	0%	20-Mar-09*	01-Apr-09
1099	02.A	TRCK	Bulk Excavation - Sub Base	18	0%	20-Apr-09	15-May-09
1109	02.A	TRCK	OLE Foundations - Drainage	23	0%	15-May-09	18-Jun-09
1119	02.A	TRCK	CBM- Ducts	23	0%	18-Jun-09	21-Jul-09
SECTION 05 ROSEBURN JUNCTION TO GOGAR							
89			SECTION 05 ROSEBURN JUNCTION TO GOGAR	1272	27.99%	31-Oct-07 A	22-Sep-11
Opening Sequence A (Airport to Haymarket)							
100			Opening Sequence A (Haymarket To Granton Square)	861		31-Oct-07 A	22-Sep-11
05A Roseburn Junction (exc.) to Balgreen Road (inc.)							
126	05.A		05A Roseburn Junction (exc.) to Balgreen Road (inc.)	1148	20.73%	07-Aug-08 A	16-Sep-11
Roseburn Junction (exc.) to Murrayfield Stadium (inc.)							
102	05.A		Roseburn Junction (exc.) to Murrayfield (inc.)	767	19.82%	07-Aug-08 A	16-Sep-11
Design							
B20240			Temporary Works Design - S20 Bridge	42	100%	07-Aug-08 A	08-Jun-09
B11000			Murrayfield Accommodation Works Design	70	18%	16-Feb-09 A	27-May-09
10180	05.A	APPT	Issue Construction Drawings - Trackwork	0	0%		20-Mar-09*
B01070			Scottish Water - Outfall Consent	0	0%		20-Mar-09*
B20270	05.A	APPT	VG Re-design - proximity of existing sewer	0	0%	05-May-09*	08-Jun-09*
10460	05.A	APPT	Issue Construction Drawings - Murrayfield Stadium Tramstop	0	0%		26-Aug-09
Russel Road Underbridge (S20)							
			S20 Documentation	110		20-Mar-09	26-Aug-09
			WPP and Form C to Client and NR	35	20-Mar-09	11-May-09	
B20210			WPP and Form C to Client and NR	0	0%	20-Mar-09	11-May-09
B20220			NR Form C Approval	35	0%	20-Mar-09*	11-May-09
B20230			Clearance to Commence Works adjacent to railway	0	0%		18-May-09
S20 Establishment / Demolition / Site Clearance							
			Russel Road Underbridge (S20) (WBS Summary)	5		12-May-09	18-May-09
WBSSum005	05.A	BRDG	Russel Road Underbridge (S20) (WBS Summary)	7	0%	12-May-09	18-May-09

█ Actual Work █ Milestone █ % Complete
█ Normal █ % Complete

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Activity ID	Geographi Sections	Discipline Codes	Activity Name	Original Duration	Activity % Complete	Start	Finish
B20260			Traffic Management	5	0%	12-May-09	18-May-09
S20 Substructure							
B20250			Temporary Works	74		13-May-09	26-Aug-09
103	05 A	BRDG	Excavation and piling	14	0%	13-May-09	02-Jun-09
Russell Road Retaining Walls (W3 and W4)							
WBSSum006	05 A	STRU	Russell Road Retaining Walls (W3 & W4)	314	0%	03-Jun-09	26-Aug-09
Demolition / Site Clearance							
250	05 A	STRU	Demolish Existing Buildings	473	41.87%	17-Nov-08 A	04-Mar-10
Wall 3 Construction							
107	05 A	STRU	Site Clearance	50		10-Jun-09	19-Aug-09
Wall 4 Construction							
B25310	05 A	STRU	Site Clearance	50	0%	10-Jun-09	19-Aug-09
B25320	05 A	STRU	Temporary Access Road	10	0%	17-Nov-08 A	09-Jun-09
Murrayfield Tram Stop Retaining Wall (W18)							
WBSSum007	05 A	STRU	Murrayfield Tramstop Retaining Wall (W18) (WBS Summary)	10	50%	17-Nov-08 A	09-Jun-09
Wall 18 Construction							
108	05 A	STRU	Site Clearance	159		17-Nov-08 A	14-Jul-09
B25310	05 A	STRU	Site Clearance	10	50%	17-Nov-08 A	23-Jun-09
B25320	05 A	STRU	Temporary Access Road	15	0%	23-Jun-09*	14-Jul-09
Murrayfield Stadium (exc.) to Balgreen Road (inc.)							
136	05 A		Murrayfield (exc.) to Balgreen Road (inc.)	349		24-Nov-08 A	13-Oct-10
Design							
B20280			Temporary Works Design - S21C Underpass	512	30.08%	24-Nov-08 A	13-Oct-10
B20320			SDS Re-Design (Ground Improvement) - S21D	20		24-Nov-08 A	11-Nov-09
10080	05 A	APPT	Issue Construction Drawings - Trackwork	20	20%	24-Nov-08 A	11-Nov-09
B01180			Scottish Water - Outfall Consent	772		19-Aug-08 A	13-Sep-11
Baird Drive Retaining Walls (W8)							
Foundations							
458	05 A	STRU	Foundations	1145	20.79%	19-Aug-08 A	13-Sep-11
Wall 8 Construction							
468	05 A	STRU	Reinforced Earth Wall	112		01-Sep-08 A	17-Apr-09
470	05 A	STRU	Coping	65	0%	01-Sep-08 A	02-Apr-09
Roseburn Street Viaduct (S21A)							
WBSSum010	05 A	BRDG	Roseburn Street Viaduct (S21A) (WBS Summary)	65	0%	01-Oct-08 A	17-Apr-09
Murrayfield Retaining Walls (S21B)							
110	05 A	BRDG	Site Clearance	0	0%	20-Mar-09*	20-Mar-09*
WBSSum011	05 A	BRDG	Murrayfield Retaining Walls (S21B) (WBS Summary)	0	0%	20-Mar-09*	20-Mar-09*
Baird Drive Retaining Walls (W8)							
Foundations							
458	05 A	STRU	Foundations	70		01-Apr-09	10-Jul-09
Wall 8 Construction							
468	05 A	STRU	Reinforced Earth Wall	15	0%	01-Apr-09	22-Apr-09
470	05 A	STRU	Coping	15	0%	01-Apr-09	22-Apr-09
Roseburn Street Viaduct (S21A)							
WBSSum010	05 A	BRDG	Roseburn Street Viaduct (S21A) (WBS Summary)	60		16-Apr-09	10-Jul-09
Murrayfield Retaining Walls (S21B)							
110	05 A	BRDG	Site Clearance	45	0%	16-Apr-09	19-Jun-09
WBSSum011	05 A	BRDG	Murrayfield Retaining Walls (S21B) (WBS Summary)	15	0%	22-Jun-09	10-Jul-09
Baird Drive Retaining Walls (W8)							
Foundations							
458	05 A	STRU	Foundations	648		01-Sep-08 A	22-Apr-11
Wall 8 Construction							
468	05 A	STRU	Reinforced Earth Wall	963	84.69%	01-Sep-08 A	22-Apr-11
470	05 A	STRU	Coping	394		14-Oct-08 A	29-May-10
Roseburn Street Viaduct (S21A)							
WBSSum010	05 A	BRDG	Roseburn Street Viaduct (S21A) (WBS Summary)	20	85%	14-Oct-08 A	17-Nov-09
Murrayfield Retaining Walls (S21B)							
110	05 A	BRDG	Site Clearance	589	43.12%	14-Oct-08 A	26-May-10
WBSSum011	05 A	BRDG	Murrayfield Retaining Walls (S21B) (WBS Summary)				

Actual Work Milestone % Complete

Normal

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10760	05.A	BRDG	Murrayfield Stadium Accommodation Civil Works	60	0%	25-Jun-09*	17-Sep-09
Murrayfield Stadium Underpass (S21C)							
WBSSum012	05.A	BRDG	Murrayfield Stadium Underpass (S21C) (WBS Summary)	147	0%	20-Mar-09	16-Oct-09
S21C Documentation							
B20290			WPP and Form C to Client and NR	1	0%	05-Apr-09	03-Apr-09
B20300			NR Form C Approval Period	35	0%	06-Apr-09	27-May-09
B20310			Clearance to Commence Works adjacent to railway	1	0%	28-May-09	28-May-09
S21C Establishment / Demolition / Site Clearance							
112	05.A	BRDG	Site Clearance	10	0%	20-Mar-09*	02-Apr-09
187	05.A	DEMO	Temporary Works - Demolition	20	0%	29-May-09*	25-Jun-09
S21C Substructure							
358	05.A	EART	Earthworks	10	0%	26-Jun-09	09-Jul-09
05B Balgreen Road (exc.) to Edinburgh Park Central (inc.)							
118	05.B		05B Balgreen Road (exc.) to Edinburgh Park (inc.)	765	30.2%	31-Oct-07 A	21-Jun-11
Balgreen Road (exc.) to Saughton Road North (inc.)							
119	05.B		Balgreen Road (exc.) to Saughton Road North (inc.)	1179	30.2%	31-Oct-07 A	21-Jun-11
Design							
B01080			Scottish Water - Outfall Consent	0	0%	20-Mar-09	03-Apr-09
12830	05.B	APPT	Issue Construction Drawings - Trackwork	0	0%		03-Apr-09*
Carricknowe Bridge (S23)							
WBSSum015	05.B	BRDG	Carrick Knowe Bridge (S23) (WBS Summary)	442	34.17%	18-Aug-08 A	04-Jan-10
S23 Planned Rail Possessions							
B20140			Sun 01 Mar 00:30 - Mon 02 Mar 04:20	1	0%	20-Mar-09*	20-Mar-09
B20160			(All Suns 00:30 - 08:30)	1	0%	20-Mar-09	20-Mar-09
B20150			Wed 10 Jun - Thurs 11 Jun	1	0%	10-Jun-09*	11-Jun-09
S23 Substructure							
B20361			South Abutment	116		02-Mar-09 A	03-Sep-09
B20351			North Abutment	110	5%	02-Mar-09 A	19-Aug-09
Trackwork (1690m)							
Concrete Slab Track 590m							
1543	05.B	EART	Earthworks- Subbase	34	0%	17-Jun-09	04-Aug-09
Saughton Road North (exc.) to Bankhead (inc.)							
124	05.B		Saughton road North (exc.) to South Gyle Access (inc.)	681	29.5%	05-Aug-08 A	03-Mar-11
Design							
B20340			S26 "On Hold" awaiting TIE decision on design	0	0%	20-Mar-09	20-Mar-09

Actual Work Milestone % Complete

Normal

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12880	05.B	APPT	Issue Construction Drawings - Trackwork	0	0%	20-Mar-09*	20-Mar-09*
B01180			Scottish Water - Outfall Consent	0	0%	20-Mar-09*	20-Mar-09*
Bankhead Retaining Wall (W11)							
WBSSum016	05.B	STRU	Bankhead Retaining Wall (W11) (WBS Summary)	29	0%	20-Mar-09	17-Apr-09
Wall 11 Construction							
127	05.B	STRU	Retaining Wall Construction	20	0%	20-Mar-09	17-Apr-09
South Gyle Access Bridge (S26)							
WBSSum017	05.B	BRDG	South Gyle Access Bridge (S26) (WBS Summary)	200	0%	20-Mar-09	05-Oct-09
S26 Substructure							
156	05.B	BRDG	Sub-structure	83	0%	20-Mar-09	17-Jul-09
Trackwork (1260m)							
13000	05.B	TRCK	Delay Start to Maintain Guided Bus Way	0	0%	20-Mar-09*	20-Mar-09*
223	05.B	EART	Earthworks and Subbase	8	0%	20-Apr-09	30-Apr-09
510	05.B	TRCK	OLE Foundations - Drainage - Ducts	28	0%	30-Apr-09	11-Jun-09
Bankhead (exc.) to Edinburgh Park Station (inc.)							
130	05.B		South Gyle Access (exc.) to Edinburgh Park Station (inc.)	623	0%	01-Oct-08 A	27-Jan-11
Design							
12600	05.B	APPT	Issue Construction Drawings - Trackwork	0	0%	20-Mar-09	20-Mar-09
B01200			Scottish Water - Outfall Consent	0	0%	20-Mar-09*	20-Mar-09*
Trackwork (790m)							
213	05.B	EART	Earthworks and Subbase	15	5%	14-Oct-08 A	11-May-09
500	05.B	TRCK	OLE Foundations - Drainage	32	0%	11-May-09	25-Jun-09
859	05.B	TRCK	Ducts and Bottom Ballast	16	0%	25-Jun-09	17-Jul-09
Edinburgh Park Station (exc.) to Edinburgh Park Central (inc.)							
133	05.B		Edinburgh Park Station (exc.) to Edinburgh Park Central (inc.)	770	0%	31-Oct-07 A	16-May-11
Design							
12830	05.B	APPT	Issue Construction Drawings - Trackwork	0	0%	20-Mar-09	20-Mar-09
B01210			Scottish Water - Outfall Consent	0	0%	20-Mar-09*	20-Mar-09*
Edinburgh Park Station Bridge (S27)							
WBSSum018	05.B	BRDG	Edinburgh Park Station Bridge (S27) (WBS Summary)	725	49.12%	31-Oct-07 A	23-Mar-10
S27 Planned Rail Possessions							
B20070			Sun 01 Mar 00:30 - Mon 02 Mar 04:20	1	0%	20-Mar-09*	20-Mar-09
B20080			(All Suns 00:30 - 05:30)	1	0%	20-Mar-09	20-Mar-09
B20080			Wed 10 Jun - Thurs 11 Jun	1	0%	10-Jun-09*	11-Jun-09
S27 Substructure							
				355	0%	03-Sep-08 A	02-Sep-09

█ Actual Work █ Milestone █ % Complete
█ Normal █

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Activity ID	Geographi Sections	Discipline Codes	Activity Name	Original Duration	Activity % Complete	Start	Finish
B20100			Substructure	355	0%	03-Sep-08 A	02-Sep-09
13440	05 B	BRDG	North Approach Ramp	53	10%	03-Nov-08 A	05-Jun-09
13150			North Abutment	88	100%	25-Nov-08 A	12-Mar-09 A
13220			Pier 1	113	100%	19-Jan-09 A	05-Mar-09 A
13230			South Abutment	102	40%	24-Feb-08 A	18-Jun-09
13450	05 B	BRDG	South Approach Ramp	53	0%	18-Jun-09	02-Sep-09
S27 Superstructure				151		20-Apr-09	19-Nov-09
B20110			Superstructure	151	0%	20-Apr-09*	19-Nov-09
Trackwork (854m)				189		15-Sep-08 A	24-Jun-09
203	05 B	EART	Earthworks- Subbase	11	5%	15-Sep-08 A	05-May-09
490	05 B	TRCK	OLE Foundations - Drainage	19	0%	05-May-09	02-Jun-09
829	05 B	TRCK	Track Formation - Ducts	16	0%	02-Jun-09	24-Jun-09
05C Edinburgh Park Central (exc.) to Gogarburn (inc.)				776		10-Sep-08 A	22-Sep-11
137	05 C		05C Edinburgh Park (exc.) to Gogarburn (inc.)	1149	20.29%	10-Sep-08 A	22-Sep-11
Edinburgh Park Central (exc.) to Gyle Centre (inc.)				504		10-Sep-08 A	29-Sep-10
138	05 C		Edinburgh Park (exc.) to Gyle (inc.)	747	25.31%	10-Sep-08 A	29-Sep-10
Design				0		20-Mar-09	20-Mar-09
12650	05 C	APPT	Issue Construction Drawings - Trackwork	0	0%		20-Mar-09*
12970	05 C	APPT	Issue Construction Drawings - W16	0	0%		20-Mar-09*
B01220			Scottish Water - Outfall Consent	0	0%		20-Mar-09*
Gyle Centre Tram Stop Retaining Wall (W19)				20		20-Apr-09	19-May-09
WBSSum019	05 C	STRU	Gyle Centre Tramstop Retaining Wall (W19) (WBS Summary)	29	0%	20-Apr-09	19-May-09
Wall 19 Construction				20		20-Apr-09	19-May-09
139	05 C	STRU	Wall Construction	20	0%	20-Apr-09	19-May-09
Trackwork (760m)				50		19-May-09	29-Jul-09
140	05 C	EART	Earthworks and Subbase	20	0%	19-May-09	17-Jun-09
183	05 C	TRCK	OLE Foundations - Drainage	30	0%	17-Jun-09	29-Jul-09
Gyle Centre (exc.) to Depot Stop (inc.)				721		01-Oct-08 A	05-Jul-11
142	05 C		Gyle (exc.) to Depot Stop (inc.)	1071	21.77%	01-Oct-08 A	05-Jul-11
Design				0		20-Mar-09	20-Mar-09
12660	05 C	APPT	Issue Construction Drawings - S32 Depot Access Bridge	0	0%		20-Mar-09*
10950	05 C	APPT	Issue Construction Drawings - Trackwork	0	0%		20-Mar-09*
B01230			Scottish Water - Outfall Consent	0	0%		20-Mar-09*
A8 Underpass (S28)				216		15-Oct-08 A	16-Feb-10
WBSSum020	05 C	TUNN	A8 Underpass (S28) (WBS Summary)	323	0%	15-Oct-08 A	16-Feb-10

Actual Work (Blue bar), Milestone (Black diamond), Normal (Orange bar), % Complete (Black bar)

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Activity ID	Geographi Sections	Discipline Codes	Activity Name	Original Duration	Activity % Complete	Start	Finish
S28 Establishment / Demolition / Site Clearance							
153	05.C	STRU	Working around BT ducts (dummy)	20	0%	18-May-09	16-Jun-09
S28 Construction							
143	05.C	STRU	Phase 1	109	15%	15-Oct-08 A	03-Sep-09
519	05.C	STRU	Phase 2	46	0%	15-Oct-08 A	18-May-09
A8 Retaining Walls (W16)							
145	05.C	STRU	Soil Nailing	56	0%	16-Jun-09	03-Sep-09
Depot Stop (exc.) to Gogarburn (inc.)							
147	05.C		Depot Stop (exc.) to Gogarburn (inc.)	96	0%	20-Apr-09	02-Sep-09
Design							
B01240			Scottish Water - Outfall Consent	96	0%	20-Apr-09	02-Sep-09
SECTION 06 GOGAR DEPOT							
150			SECTION 06 GOGAR DEPOT	454	0%	07-Oct-08 A	27-Jan-11
Opening Sequence A (Airport to Haymarket)							
151			Opening Sequence A (Airport to Haymarket)	678	0%	07-Oct-08 A	27-Jan-11
06A Gogar Depot							
152	06.A		06A Gogar Depot	835	0%	20-Mar-09	20-Mar-09
Depot							
155			06A Gogar Depot	0	0%	20-Mar-09*	20-Mar-09*
Design							
1158	06.A	APPT	Issue Construction Drawings - Procurement	835	43.29%	28-Aug-08 A	24-Feb-11
B01090			Scottish Water - Outfall Consent	1245	43.29%	28-Aug-08 A	24-Feb-11
B01091	06.A	APPT	Issue Construction Drawings - Roadworks	835	0%	28-Aug-08 A	24-Feb-11
13140	06.A	APPT	Issue Construction Drawings - Drainage	1245	43.29%	28-Aug-08 A	24-Feb-11
Establishment / Earthworks / Drainage							
B25505			Site Possession (40%)	551	0%	08-Feb-09 A	17-Dec-09
1149	06.A	EART	Earthworks	10	0%	20-Mar-09	03-Apr-09
1289	06.A	DRAN	Drainage and Outfall	0	0%	20-Mar-09*	20-Mar-09*
Access Roads							
1179	06.A	ROAD	North Side	0	0%	20-Mar-09*	20-Mar-09*
Depot Building							
A17170	06.A	BLDS	Foundations	0	0%	03-Apr-09*	03-Apr-09*
A17180	06.A	BLDS	Substructure and Superstructure (Steelwork)	481	0%	08-Feb-09 A	10-Sep-09
Procurement							
1159	06.A	BLDS	Steel Work Fabrication	20	50%	08-Feb-09 A	02-Apr-09
Depot Substation							
140			Depot Substation	96	0%	20-Apr-09*	02-Sep-09
				80	0%	05-May-09	10-Sep-09
				45	0%	17-Jun-09	19-Aug-09
				45	0%	17-Jun-09	19-Aug-09
				85	0%	05-May-09	02-Sep-09
				55	0%	27-May-09	12-Aug-09
				50	0%	24-Jun-09	02-Sep-09
				64	0%	05-May-09	05-Aug-09
				64	0%	05-May-09	05-Aug-09
				140	0%	03-Jun-09	17-Dec-09

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█ Normal
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▬ % Complete

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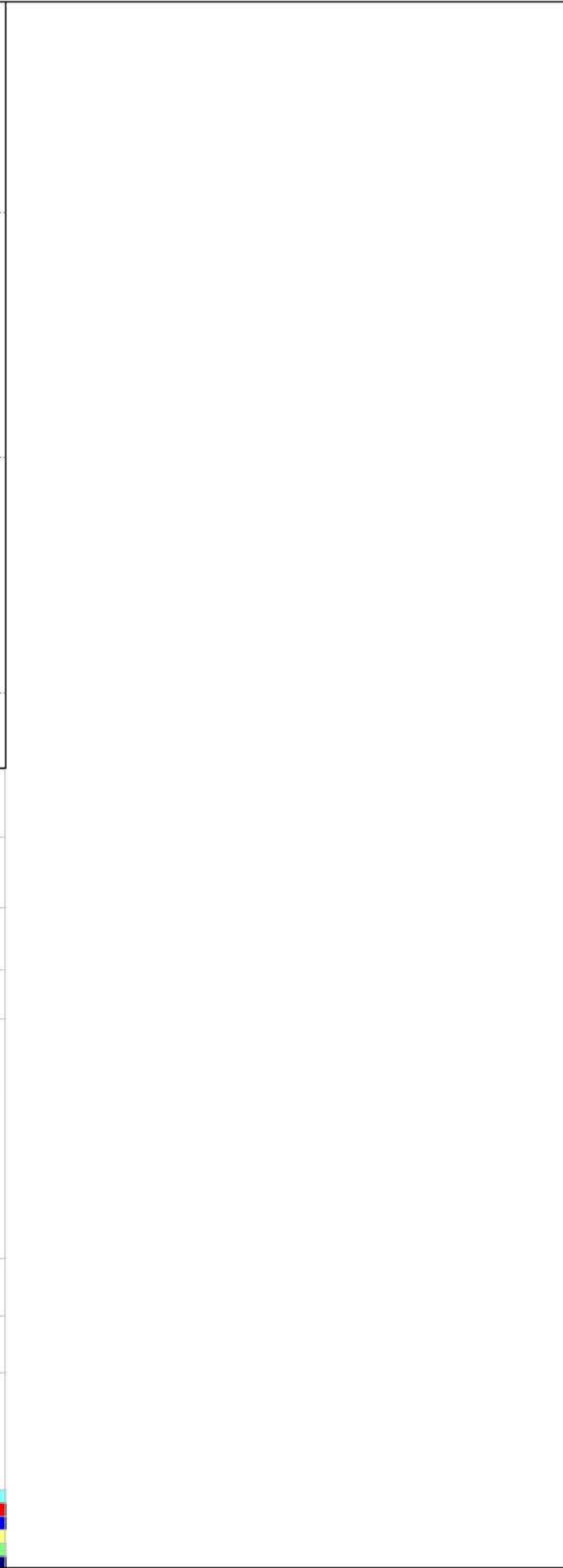
Activity ID	Geographi Sections	Discipline Codes	Activity Name	Original Duration	Activity % Complete	Start	Finish
316	06.A	DEPO	Civil Engineering and Building Works	140	0%	03-Jun-09	17-Dec-09
SECTION 07 GOGAR TO EDINBURGH AIRPORT							
155			SECTION 07 GOGAR TO EDINBURGH AIRPORT	790	0%	05-Aug-08 A	26-Jul-11
			Opening Sequence A (Airport to Haymarket)	1154	25.66%	05-Aug-08 A	26-Jul-11
188			Opening Sequence A (Airport to Haymarket)	780	0%	05-Aug-08 A	26-Jul-11
			Opening Sequence A (Airport to Haymarket)	1154	25.66%	05-Aug-08 A	26-Jul-11
157	07.A		07A Gogarburn (exc.) to Edinburgh Airport (inc.)	780	0%	05-Aug-08 A	26-Jul-11
			07A Gogarburn (exc.) to Edinburgh Airport (inc.)	1154	25.66%	05-Aug-08 A	26-Jul-11
			Gogarburn (exc.) to Ingliston Park & Ride (inc.)	726	0%	05-Aug-08 A	09-May-11
158	07.A		Gogarburn (exc.) to Ingliston Park & Ride (inc.)	1077	27.5%	05-Aug-08 A	09-May-11
Design							
13070	07.A	APPT	Issue Construction Drawings - Ingliston Park & Ride Tramstop	0	0%	20-Mar-09	20-Mar-09
Enabling Works							
A2000	07.A	MISC	Site and Vegetation Clearance	28	20.0%	20-Oct-08 A	23-Apr-09
Gogarburn Underbridge (S29)							
WBSSum022	07.A	BRDG	Gogarburn Underbridge (S29) (WBS Summary)	241	15%	20-Oct-08 A	23-Apr-09
S29 Establishment / Demolition / Site Clearance							
13041	07.A	BRDG	Treat area of contaminated land	355	42.6%	20-Oct-08 A	09-Oct-09
S29 Superstructure							
179	07.A	BRDG	East Abutment-Piles and Columns	126	0%	20-Mar-09	17-Sep-09
209	07.A	BRDG	West Abutment-Piles and Columns	130	0%	20-Mar-09	17-Sep-09
219	07.A	BRDG	West Abutment-Reinforced Earth	91	0%	01-Dec-08 A	18-Jun-09
189	07.A	BRDG	East Abutment-Reinforced Earth	36	80%	01-Dec-08 A	12-May-09
S29 Superstructure							
239	07.A	BRDG	Bridge Deck	36	80%	08-Dec-08 A	31-Mar-09
Gogarburn Culvert No.1 (S30)							
WBSSum023	07.A	BRDG	Gogarburn Culvert No.1 (S30) (WBS Summary)	15	30%	04-Mar-09 A	18-Jun-09
B25700	07.A	BRDG	Manufacture Culvert Units	15	30%	13-Mar-09 A	03-Jun-09
160	07.A	STRU	Temporary Access Roads-Divert Flows-Bulk Excavation	41	0%	18-Jun-09	17-Aug-09
249	07.A	STRU	Precast Culvert Units	54	0%	16-Feb-09 A	08-Jun-09
259	07.A	STRU	Reinforced Concrete Apron and Wingwalls	81	0%	16-Feb-09 A	08-Jun-09
269	07.A	STRU	Backfill and Finishes	20	100%	16-Feb-09 A	13-Mar-09 A
Ingliston Park & Ride (exc.) to Edinburgh Airport (inc.)							
164	07.A		Ingliston Park & Ride (exc.) to Edinburgh Airport (inc.)	20	0%	20-Mar-09	15-Apr-09
Design							
13080	07.A	APPT	Issue Construction Drawings - W14	11	0%	22-May-09	08-Jun-09

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Activity ID	Geographi... Sections	Discipline Codes	Activity Name	Original Duration	Activity % Complete	Start	Finish
13120	07 A	APPT	Issue Construction Drawings - Edinburgh Airport Tramstop	0	0%	07-May-09*	
Enabling Works							
A1930	07 A	MISC	Site and Vegetation Clearance	28	20-Mar-09	29-Apr-09	
Gogarburn Culvert No2 (S31)							
WBSSum025	07 A	BRDG	Gogarburn Culvert No.2 (S31) (WBS Summary)	164	05-Jan-09 A	24-Jun-09	
309	07 A	STRU	Precast Culvert Units	236	85.74%	05-Jan-09 A	24-Jun-09
329	07 A	STRU	Backfill and Finishes	5	100%	08-Feb-09 A	06-Mar-09 A
319	07 A	STRU	Reinforced Concrete Apron and Wingwalls	11	75%	16-Mar-09 A	24-Jun-09
Gogarburn Culvert No3 (S34)							
WBSSum026	07 A	BRDG	Gogarburn Culvert No.3 (S34) (WBS Summary)	94	16-Mar-09 A	04-Aug-09	
B25720			Manufacture Culvert Units	138	0%	16-Mar-09 A	04-Aug-09
196	07 A	STRU	Divert Flows-Bulk Excavation	20	30%	16-Mar-09 A	02-Apr-09
279	07 A	STRU	Precast Culvert Units	6	0%	30-Mar-09	06-Apr-09
289	07 A	STRU	Reinforced Concrete Apron and Wingwalls	5	0%	07-Apr-09	14-Apr-09
				20	0%	22-Jun-09	17-Jul-09



Activity ID	Geographical Sections	Discipline Codes	Activity Name	Original Duration	Activity % Complete	Start	Finish
Edinburgh Tram - Construction Programme 01 Rev.D							
Design Stage Consents							
TIE Consents							
MUDFA & UTILITIES							
Third Party Notice Periods							
M & E							
780		APPT	M & E Review of Detailed Design	30	90%	12-Dec-08 A	21-Mar-09
790		DASB	M & E Design Freeze	0	0%		21-Mar-09
Railway Electrification							
S-50240		DASB	Construction Design OCS	409		16-Jun-08 A	12-Feb-10
S-50210		DASB	Configuration OCS - Layout Design	153	96%	16-Jun-08 A	20-Mar-09
S-50500		OTHW	Configuration OCS - sectionalizing diagrams	138	98%	07-Jul-08 A	20-Mar-09
A17100		DASB	Detail Design TPS	84	95%	07-Jul-08 A	20-Mar-09
A17120		DASB	Detail Design OCS	100	88%	25-Jul-08 A	27-Mar-09
S-50340		DASB	Configuration TPS	100	88%	25-Jul-08 A	20-Mar-09
S-50220		DASB	Configuration OCS - pole foundation/ anchor supports	85	75%	01-Aug-08 A	26-Mar-09
A17130		OTHW	Procurement	119	97%	01-Aug-08 A	20-Mar-09
S-50270		OTHW	Procurement OCS - Main Components	100	60%	01-Sep-08 A	27-Mar-09
S-50310		OTHW	Installation Preparation OCS	140	55%	01-Sep-08 A	27-Mar-09
A17160		APPR	Installation Preparation OCS	226	50%	01-Sep-08 A	30-Jul-09
S-50330		DASB	SDS Design OLE Foundations (no ESM Item)	100	59%	06-Sep-08 A	16-Jun-09
S-50230		DASB	Basic Design & Studies TPS	70	59%	15-Sep-08 A	31-Jul-09
S-50350		DASB	Configuration OCS - cross profiles	119	95%	27-Oct-08 A	20-Mar-09
S-50360		DASB	Electrical Equipment Design TPS	35	100%	03-Nov-08 A	09-Mar-09 A
A17140		OTHW	Control & Protection Design TPS	35	90%	03-Nov-08 A	27-Mar-09
S-50370		OTHW	Manufacturing	221	0%	20-Mar-09	12-Feb-10
S-50380		OTHW	Manufacturing TPS - rect & aux transformer	131	0%	20-Mar-09*	24-Sep-09
S-50390		OTHW	Manufacturing TPS - DC + MV switchgear	73	0%	20-Mar-09*	03-Jul-09
S-50280		OTHW	Manufacturing TPS - cables	131	0%	20-Mar-09*	24-Sep-09
A17150		OTHW	Manufacturing OCS	83	0%	20-Mar-09*	17-Jul-09
		OTHW	Dispatch	186	0%	12-May-09*	12-Feb-10
Track Work							
S-51010		DASB	Verification sds design	513		19-May-08 A	03-Sep-09
S-51120		DASB	basic design	20	65%	19-May-08 A	23-Mar-09
S-51160		DASB	Specifications	46	85%	29-Jul-08 A	26-Mar-09
S-51170		DASB	typical drawings	25	85%	20-Oct-08 A	02-Apr-09
		DASB	typical drawings	70	50%	20-Oct-08 A	18-May-09

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S-51130		DASB	detailed Design	260	22%	20-Oct-08 A	03-Sep-09
S-51100		DASB	Documentation	20	70%	24-Oct-08 A	15-Apr-09
Rail Automation							
S-54440		OTHW	procurement & transport TPDS	269		11-Sep-08 A	01-Dec-09
S-52930		DASB	detailed design radio system	120	45%	11-Sep-08 A	14-Sep-09
S-53620		DASB	detailed design PABX	45	80%	13-Oct-08 A	15-Jul-09
S-54400		OTHW	procurement & transport ESM cubicles	36	95%	13-Oct-08 A	20-Mar-09
S-54420		OTHW	procurement & transport fibre optic	210	35%	02-Nov-08 A	18-Nov-09
S-54430		OTHW	procurement & transport PABX	120	45%	02-Nov-08 A	11-Aug-09
S-54450		OTHW	procurement & transport UPS	120	45%	10-Nov-08 A	08-Sep-09
S-54410		OTHW	procurement & transport radio system	120	80%	10-Nov-08 A	14-Jul-09
S-53680		DASB	detailed design TPDS	218	35%	24-Nov-08 A	01-Dec-09
Workshop Equipment							
S-53000	06 A	DASB	detail design DWE	362	83%	01-Dec-08 A	26-Mar-09
S-53310	06 A	OTHW	ordering DWE	70	56%	19-Sep-08 A	15-Mar-10
S-53010	06 A	APPR	Approval detail design DWE	170	25%	19-Sep-08 A	15-May-09
S-53220	06 A	OTHW	manufacture DWE	129	5%	20-Oct-08 A	02-Jul-09
SECTION 01 NEWHAVEN ROAD TO HAYMARKET							
1 SECTION 01 NEWHAVEN ROAD TO HAYMARKET							
Opening Sequence B (Haymarket to Newhaven Road)							
2 Opening Sequence B (Haymarket to Newhaven Road)							
01A Newhaven Road (inc.) to Foot of the Walk (exc.)							
3 01A Newhaven Road (inc.) to Foot of the Walk (exc.)							
Newhaven Road (inc.) to Ocean Terminal (exc.)							
4 01A Newhaven Road (inc.) to Ocean Terminal (exc.)							
Design							
B01000 Scottish Water - Outfall Consent							
Ocean Terminal (inc.) to Port of Leith (exc.)							
9 01A Ocean Terminal (inc.) to Ocean Drive (exc.)							
Design							
B01010 Scottish Water - Outfall Consent							
Port of Leith (inc.) to Bernard Street (exc.)							
15 01A Ocean Drive (inc.) to Constitution Street (exc.)							
Design							
B01020 Scottish Water - Outfall Consent							

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Actual Work (Blue bar) Milestone (Diamond) % Complete (Black bar)

Normal (Orange bar)

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Activity ID	Geographi... Sections	Discipline Codes	Activity Name	Original Duration	Activity % Complete	Start	Finish
Bernard Street (inc.) to Foot of the Walk (exc.)							
18	01.A		Constitution Street (inc.) to Foot of the Walk (exc.)	632	0%	03-Feb-09 A	10-Oct-11
Design				934	0%	03-Feb-09 A	10-Oct-11
B01030			Scottish Water - Outfall Consent	0	0%	20-Mar-09	20-Mar-09
Roadwork				14	0%	20-Mar-09	08-Apr-09
Enabling Works							
B14500			Archaeological Works - Constitution Street	20	0%	20-Mar-09*	08-Apr-09
01B Foot of the Walk (inc.) to McDonald Road (exc.)							
21	01.B		01B Foot of the Walk (inc.) to McDonald Road (exc.)	762	21.58%	01-Oct-08 A	23-Aug-11
Foot of the walk (inc.) to Balfour Street (exc.)							
22	01.B		Foot of the walk (inc.) to Balfour Street (exc.)	998	17.23%	01-Oct-08 A	24-Jun-11
Design				1	0%	10-Mar-09 A	29-Jun-09
B01270			Works in Leith Walk suspended until access issues resolved	1	0%	10-Mar-09 A	29-Jun-09
Roadwork				80	0%	30-Oct-08 A	07-Jul-09
Leith Walk Ch.100-350							
Northbound							
A12390	01.B.350	ROAD	Construct Kerb lines	80	95%	30-Oct-08 A	07-Jul-09
B25030			Footpath Works	12	95%	30-Oct-08 A	01-Jul-09
A12400	01.B.350	ROAD	Reset Gullies & Inspection Chambers	5	100%	17-Nov-08 A	02-Jul-09
A12420	01.B.350	ROAD	Surface New Carriageway	5	15%	01-Dec-08 A	07-Jul-09
B25390			Re-commence Works Ch.70-130 & Ch.140-170	1	100%	23-Feb-09 A	10-Mar-09 A
B25400			De-mobilise / make safe	1	100%	10-Mar-09 A	20-Mar-09 A
Balfour Street (inc.) to McDonald Road (exc.)							
25	01.B		Balfour Street (inc.) to McDonald Road (exc.)	1075	22.71%	06-Feb-09 A	28-Jun-11
Design				0	0%	20-Mar-09	20-Mar-09
B01050			Works suspended - Embargo until MJUDFA clear (+ re-mobilise)	0	0%	20-Mar-09	20-Mar-09
01C McDonald Road (inc.) to Princess Street West (exc.)							
29	01.C		01C McDonald Road (inc.) to Princess Street West (exc.)	829	18.21%	06-Feb-09 A	20-Jan-12
McDonald Road (inc.) to Picardy Place (exc.)							
30	01.C		McDonald Road (inc.) to Picardy Place (exc.)	1024	23.16%	06-Feb-09 A	22-Jun-11
Design				0	0%	27-Apr-09	27-Apr-09
12190	01.C	APPT	Issue Construction Drawings - Trackwork	0	0%	27-Apr-09*	27-Apr-09*
12200	01.C	APPT	Issue Construction Drawings - Roadwork	0	0%	27-Apr-09*	27-Apr-09*
Roadwork				104	0%	27-Apr-09	23-Sep-09
Leith Walk Ch 0-375							
				104	0%	27-Apr-09	23-Sep-09

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█ Actual Work
█ Normal
◆ Milestone
█ % Complete

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A13540	01.C.375	MULT	Leith Walk Ch.0-375 Construction	80	0%	27-Apr-09	23-Sep-09
Northbound							
B25160	01.B.350	MISC	Establish Traffic Management & Temp. Fencing	43	05-May-09	03-Jul-09	
B25170	01.B.350	ROAD	Excavate for new channel and kerb line / remove existing kerbs & gullies	5	0%	05-May-09	11-May-09
B25180	01.B.350	ROAD	Site Clearance	11	0%	11-May-09	26-May-09
B25190	01.B.350	ROAD	Construct Kerb lines	17	0%	12-May-09	04-Jun-09
B25210	01.B.350	ROAD	Reset Gullies & Inspection Chambers	18	0%	14-May-09	09-Jun-09
B25220	01.B.350	ROAD	Surface New Carriageway	8	0%	21-May-09	02-Jun-09
B25230	01.B.350	ROAD	Footpath Works	8	0%	03-Jun-09	12-Jun-09
B25240			Road Markings & Anti-Skid	18	0%	10-Jun-09	03-Jul-09
				2	0%	15-Jun-09	16-Jun-09
Picardy Place (inc.) to St. Andrews Square (exc.)							
33	01.C		Picardy Place (inc.) to St. Andrews Square (exc.)	725	06-Feb-09 A	20-Jan-12	
Design							
12210	01.C	APPT	Issue Construction Drawings - Trackwork	35	10-Mar-09 A	15-Apr-09	
12220	01.C	APPT	Issue Construction Drawings - Roadwork	0	100%	10-Mar-09 A	
12220	01.C	APPT	Issue Construction Drawings - Roadwork	0	100%	10-Mar-09 A	
12220	01.C	APPT	Issue Construction Drawings - Picardy Place Tramstop	0	0%	15-Apr-09*	
St. Andrews Square (inc.) to Princes Street West (exc.)							
46	01.C		St. Andrews Square (inc.) to Princes Street West (exc.)	725	06-Feb-09 A	20-Jan-12	
Design							
12240	01.C	APPT	Issue Construction Drawings - Trackwork	0	67%	06-Feb-09 A	20-Jan-12
12250	01.C	APPT	Issue Construction Drawings - Roadwork	0	100%	03-Mar-09 A	
12250	01.C	APPT	Issue Construction Drawings - Roadwork	0	100%	03-Mar-09 A	
Princes Street West Tram Stop							
630	01.C	TRMS	Civil Engineering And Building Works	65	21-Apr-09	22-Jul-09	
				65	0%	21-Apr-09	22-Jul-09
01D Princes Street (inc.) to Haymarket (exc.)							
39	01.D		01D Princes Street (inc.) to Haymarket (exc.)	610	24-Nov-08 A	31-May-11	
Design							
12270	01.D	APPT	Issue Construction Drawings - Roadwork	915	12.24%	24-Nov-08 A	31-May-11
12280	01.D	APPT	Issue Construction Drawings - Roadwork	480	24-Nov-08 A	12-Nov-10	
Princes Street West (inc.) to Shandwick Place (exc.)							
40	01.D		Princes Street West (inc.) to Shandwick Place (exc.)	711	15.19%	24-Nov-08 A	12-Nov-10
Design							
12270	01.D	APPT	Issue Construction Drawings - Roadwork	0	100%	03-Mar-09 A	
12280	01.D	APPT	Issue Construction Drawings - Roadwork	0	100%	03-Mar-09 A	
Roadwork							
Lothian Road Junction Ch 440-280							
Phase 1							
A8250	01.D.440	MISC	Establish Traffic Management & Temp. Fencing	63	05-Jan-09 A	22-Apr-09	
Phase 2							
				2	05-Jan-09 A	20-Mar-09	
				2	100%	05-Jan-09 A	20-Mar-09
				15	31-Mar-09	22-Apr-09	

█ Actual Work █ Milestone █ % Complete
█ Normal █

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Activity ID	Geographical Sections	Discipline Codes	Activity Name	Original Duration	Activity % Complete	Start	Finish
A8480	01.D.440	MISC	Establish Traffic Management & Temp. Fencing	2	0%	31-Mar-09	02-Apr-09
A8500	01.D.440	ROAD	Excavate North kerblines	2	0%	02-Apr-09	06-Apr-09
A8510	01.D.440	ROAD	Relay North kerbs	5	0%	03-Apr-09	13-Apr-09
A8520	01.D.440	ROAD	Reset Gullies	5	0%	06-Apr-09	14-Apr-09
A8550	01.D.440	ROAD	Pavement (1m strip)	5	0%	13-Apr-09	20-Apr-09
A8570	01.D.440	STRL	Street Lighting / Road signs	7	0%	13-Apr-09	22-Apr-09
A8530	01.D.440	ROAD	Plane out wearing course	2	0%	14-Apr-09	16-Apr-09
Princes Street Ch 280-0,1980-1360							
78							
North Section							
75							
A13840	01.D.280	MISC	Establish Traffic Management & Temp. Fencing	2	100%	23-Feb-09 A	07-Jul-09
A13650	01.D.280	ROAD	Excavate North kerblines	19	0%	23-Feb-09 A	20-Mar-09 A
A13660	01.D.280	ROAD	Relay North kerbs	48	0%	20-Mar-09	16-Apr-09
A13870	01.D.280	ROAD	Reset Gullies	48	0%	27-Mar-09	05-Jun-09
A13900	01.D.280	ROAD	Pavement (1m strip)	48	0%	03-Apr-09	12-Jun-09
A13920	01.D.280	STRL	Street Lighting / Road signs	5	0%	03-Apr-09	12-Jun-09
A13880	01.D.280	ROAD	Plane out wearing course	10	0%	08-Jun-09	12-Jun-09
A13890	01.D.280	ROAD	Resurface road	7	0%	15-Jun-09	26-Jun-09
South Section							
70							
A13940	01.D.280	MISC	Establish Traffic Management & Temp. Fencing	2	0%	31-Mar-09	10-Jul-09
A13950	01.D.280	ROAD	Excavate South kerblines	19	0%	31-Mar-09	02-Apr-09
A13960	01.D.280	ROAD	Relay South kerbs	48	0%	02-Apr-09	30-Apr-09
A13970	01.D.280	ROAD	Reset Gullies	48	0%	09-Apr-09	19-Jun-09
A14000	01.D.280	ROAD	Pavement (1m strip)	48	0%	17-Apr-09	26-Jun-09
A14020	01.D.280	STRL	Street Lighting / Road signs	5	0%	17-Apr-09	26-Jun-09
A13980	01.D.280	ROAD	Plane out wearing course	10	0%	19-Jun-09	26-Jun-09
Trackwork (710m)							
72							
Princes Street Ch 280-0,1980-1360							
61							
Phase 1							
61							
A13760	01.D.280	MISC	Establish Traffic Management & Temp. Fencing	2	0%	17-Apr-09	14-Jul-09
A13770	01.D.280	TRCK	Excavate box	36	0%	17-Apr-09	20-Apr-09
A13780	01.D.280	TRCK	Excavate, lay and concrete ducts	54	0%	21-Apr-09	11-Jun-09
A13790	01.D.280	OHLE	Excavate and construct OLE bases	54	0%	25-Apr-09	14-Jul-09
Lothian Road Junction Ch 440-280							
7							
Phase 2							
7							
1st half							
7							

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Actual Work
 Normal
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A8320	01.D.440	MISC	Establish Traffic Management & Temp. Fencing	2	0%	31-Mar-09	02-Apr-09
A8330	01.D.440	TRCK	Excavate box	2	0%	02-Apr-09	06-Apr-09
A8340	01.D.440	TRCK	Excavate, lay and concrete ducts	3	0%	06-Apr-09	09-Apr-09
A8350	01.D.440	OHLE	Excavate and construct OLE bases	3	0%	06-Apr-09	09-Apr-09
Shadwick Place (inc.) to Haymarket (exc.)							
43	01.D		Shadwick Place (inc.) to Haymarket (exc.)	610	20.99%	02-Dec-08 A	31-May-11
Design							
12310	01.D	APPT	Issue Construction Drawings - Roadwork	73	100%	02-Mar-09 A	08-Jun-09
12320	01.D	APPT	Issue Construction Drawings - Trackwork	0	100%	03-Mar-09 A	03-Mar-09 A
B01171			Haymarket / Manor Place - Anticipated MUDFA Completion	0	0%	06-Jun-09*	
Roadwork							
			Haymarket Ch 1250-1125	140		02-Dec-08 A	30-Jun-09
Phase 1							
B25270			Preparation for Haymarket	140		02-Dec-08 A	30-Jun-09
A6390	01.D.1250	MISC	Establish Traffic Management & Temp. Fencing	20	100%	02-Dec-08 A	10-Mar-09 A
A6400	01.D.1250	ROAD	Remove island surfacing and exc. to formation	2	0%	08-Jun-09*	09-Jun-09
A6410	01.D.1250	ROAD	Construct Kerb lines	4	0%	10-Jun-09	15-Jun-09
A6420	01.D.1250	ROAD	Move Gullies	2	0%	16-Jun-09	17-Jun-09
A6450	01.D.1250	ROAD	Pavement Works	2	0%	18-Jun-09	19-Jun-09
A6470	01.D.1250	ROAD	Street Lighting / Traffic Signals / Road Signs	5	0%	18-Jun-09	24-Jun-09
A6430	01.D.1250	ROAD	Sub base	5	0%	18-Jun-09	24-Jun-09
A6440	01.D.1250	ROAD	Roadbase/course/wearing course/temp ramps	2	0%	22-Jun-09	23-Jun-09
A6460	01.D.1250	ROAD	White Lines	3	0%	24-Jun-09	26-Jun-09
A6475	01.D.1250	MISC	Remove fencing and Traffic Management	1	0%	29-Jun-09	29-Jun-09
SECTION 2 HAYMARKET CORRIDOR							
56			SECTION 2 HAYMARKET CORRIDOR	669		31-Mar-08 A	09-Dec-10
Opening Sequence A (Airport to Haymarket)							
47			Opening Sequence A (Airport to Haymarket)	982	35.96%	31-Mar-08 A	09-Dec-10
02A Haymarket Corridor							
48	02.A		02A Haymarket Corridor	669	35.96%	31-Mar-08 A	09-Dec-10
Haymarket (inc.) to Roseburn Junction (inc.)							
49	02.A		Haymarket (inc.) to Roseburn Junction (inc.)	982	35.96%	31-Mar-08 A	09-Dec-10
Design							
B01060			Scottish Water - Outfall Consent	0	0%	20-Mar-09	20-Mar-09
Roadwork							
			Scottish Water - Outfall Consent	0	0%	20-Mar-09*	20-Mar-09*
				30		23-Feb-09 A	09-Apr-09

█ Actual Work █ Milestone ◆ Milestone
█ Normal █ % Complete

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B25282			Verify House Access Road	30	50%	23-Feb-09 A	09-Apr-09
Haymarket Station Viaduct (S19)							
WBSSUM004	02.A	BRDG	Haymarket Station Viaduct (S19) (WBS Summary)	449	59.91%	31-Mar-08 A	18-Dec-09
S19 Substructure							
1139			East Abutment	40	30%	01-Sep-08 A	15-Jul-09
508			Pier 4	30	75%	11-Nov-08 A	05-Jun-09
560			West Abutment	40	0%	13-Apr-09	09-Jun-09
192			Pier 1	30	0%	13-Apr-09	26-May-09
Trackwork (1135m)							
B25280	02.A	TRCK	Site Clearance	8	0%	20-Mar-09*	01-Apr-09
1099			Bulk Excavation - Sub Base	18	0%	20-Apr-09	15-May-09
1109	02.A	TRCK	OLE Foundations - Drainage	23	0%	15-May-09	18-Jun-09
1119	02.A	TRCK	CBM- Ducts	23	0%	18-Jun-09	21-Jul-09
SECTION 05 ROSEBURN JUNCTION TO GOGAR							
89			SECTION 05 ROSEBURN JUNCTION TO GOGAR	1272	27.99%	31-Oct-07 A	22-Sep-11
Opening Sequence A (Airport to Haymarket)							
100			Opening Sequence A (Haymarket To Granton Square)	861		31-Oct-07 A	22-Sep-11
05A Roseburn Junction (exc.) to Balgreen Road (inc.)							
126	05.A		05A Roseburn Junction (exc.) to Balgreen Road (inc.)	1148	20.73%	07-Aug-08 A	16-Sep-11
Roseburn Junction (exc.) to Murrayfield Stadium (inc.)							
102	05.A		Roseburn Junction (exc.) to Murrayfield (inc.)	1135	19.82%	07-Aug-08 A	16-Sep-11
Design							
B20240			Temporary Works Design - S20 Bridge	42	100%	07-Aug-08 A	08-Jun-09
B11000			Murrayfield Accommodation Works Design	70	18%	16-Feb-09 A	27-May-09
10180	05.A	APPT	Issue Construction Drawings - Trackwork	0	0%		20-Mar-09*
B01070			Scottish Water - Outfall Consent	0	0%		20-Mar-09*
B20270			VG Re-design - proximity of existing sewer	0	0%	05-May-09*	08-Jun-09*
10460	05.A	APPT	Issue Construction Drawings - Murrayfield Stadium Tramstop	0	0%		26-Aug-09
Russel Road Underbridge (S20)							
			S20 Documentation	110		20-Mar-09	26-Aug-09
			WPP and Form C to Client and NR	35		20-Mar-09	11-May-09
B20210			WPP and Form C to Client and NR	0	0%	20-Mar-09	11-May-09
B20220			NR Form C Approval	35	0%	20-Mar-09*	11-May-09
B20230			Clearance to Commence Works adjacent to railway	0	0%		18-May-09
S20 Establishment / Demolition / Site Clearance							
			Russel Road Underbridge (S20) (WBS Summary)	5		12-May-09	18-May-09
WBSSum005	05.A	BRDG	Russel Road Underbridge (S20) (WBS Summary)	7	0%	12-May-09	18-May-09

Actual Work (Blue bar) Milestone (Diamond) % Complete (Black bar)

Normal (Orange bar)

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Activity ID	Geographi Sections	Discipline Codes	Activity Name	Original Duration	Activity % Complete	Start	Finish
B20260			Traffic Management	5	0%	12-May-09	18-May-09
S20 Substructure							
B20250			Temporary Works	74		13-May-09	26-Aug-09
103	05 A	BRDG	Excavation and piling	14	0%	13-May-09	02-Jun-09
				60	0%	03-Jun-09	26-Aug-09
Russell Road Retaining Walls (W3 and W4)							
WBSSum006	05 A	STRU	Russell Road Retaining Walls (W3 & W4)	314		17-Nov-08 A	04-Mar-10
				473	41.87%	17-Nov-08 A	04-Mar-10
Demolition / Site Clearance							
250	05 A	STRU	Demolish Existing Buildings	50	0%	10-Jun-09	19-Aug-09
				50	0%	10-Jun-09	19-Aug-09
Wall 3 Construction							
107	05 A	STRU	Site Clearance	10		17-Nov-08 A	09-Jun-09
				10	50%	17-Nov-08 A	09-Jun-09
Wall 4 Construction							
B25310	05 A	STRU	Site Clearance	159		17-Nov-08 A	14-Jul-09
				10	50%	17-Nov-08 A	23-Jun-09
B25320	05 A	STRU	Temporary Access Road	15	0%	23-Jun-09*	14-Jul-09
Murrayfield Tram Stop Retaining Wall (W18)							
WBSSum007	05 A	STRU	Murrayfield Tramstop Retaining Wall (W18) (WBS Summary)	349		24-Nov-08 A	13-Oct-10
				512	30.08%	24-Nov-08 A	13-Oct-10
Wall 18 Construction							
108	05 A	STRU	Site Clearance	20		24-Nov-08 A	11-Nov-09
				20	20%	24-Nov-08 A	11-Nov-09
Murrayfield Stadium (exc.) to Balgreen Road (inc.)							
136	05 A		Murrayfield (exc.) to Balgreen Road (inc.)	772		19-Aug-08 A	13-Sep-11
				1145	20.79%	19-Aug-08 A	13-Sep-11
Design							
B20280			Temporary Works Design - S21C Underpass	112		01-Sep-08 A	17-Apr-09
				65	0%	01-Sep-08 A	02-Apr-09
B20320			SDS Re-Design (Ground Improvement) - S21D	65	0%	01-Oct-08 A	17-Apr-09
10080	05 A	APPT	Issue Construction Drawings - Trackwork	0	0%		20-Mar-09*
B01180			Scottish Water - Outfall Consent	0	0%		20-Mar-09*
Baird Drive Retaining Walls (W8)							
			Foundations	70		01-Apr-09	10-Jul-09
				15	0%	01-Apr-09	22-Apr-09
458	05 A	STRU	Foundations	15	0%	01-Apr-09	22-Apr-09
Wall 8 Construction							
468	05 A	STRU	Reinforced Earth Wall	60		16-Apr-09	10-Jul-09
				45	0%	16-Apr-09	19-Jun-09
470	05 A	STRU	Coping	15	0%	22-Jun-09	10-Jul-09
Roseburn Street Viaduct (S21A)							
WBSSum010	05 A	BRDG	Roseburn Street Viaduct (S21A) (WBS Summary)	648		01-Sep-08 A	22-Apr-11
				963	64.69%	01-Sep-08 A	22-Apr-11
Murrayfield Retaining Walls (S21B)							
110	05 A	BRDG	Site Clearance	394		14-Oct-08 A	29-May-10
				20	65%	14-Oct-08 A	17-Nov-09
WBSSum011	05 A	BRDG	Murrayfield Retaining Walls (S21B) (WBS Summary)	589	43.12%	14-Oct-08 A	26-May-10

Actual Work Milestone % Complete

Normal

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10760	05.A	BRDG	Murrayfield Stadium Accomodation Civil Works	60	0%	25-Jun-09*	17-Sep-09
Murrayfield Stadium Underpass (S21C)							
WBSSum012	05.A	BRDG	Murrayfield Stadium Underpass (S21C) (WBS Summary)	147	0%	20-Mar-09	16-Oct-09
S21C Documentation							
B20290			WPP and Form C to Client and NR	1	0%	05-Apr-09	03-Apr-09
B20300			NR Form C Approval Period	35	0%	06-Apr-09	27-May-09
B20310			Clearance to Commence Works adjacent to railway	1	0%	28-May-09	28-May-09
S21C Establishment / Demolition / Site Clearance							
112	05.A	BRDG	Site Clearance	10	0%	20-Mar-09*	02-Apr-09
187	05.A	DEMO	Temporary Works - Demolition	20	0%	29-May-09*	25-Jun-09
S21C Substructure							
358	05.A	EART	Earthworks	10	0%	26-Jun-09	09-Jul-09
05B Balgreen Road (exc.) to Edinburgh Park Central (inc.)							
118	05.B		05B Balgreen Road (exc.) to Edinburgh Park (inc.)	765	30.2%	31-Oct-07 A	21-Jun-11
Balgreen Road (exc.) to Saughton Road North (inc.)							
119	05.B		Balgreen Road (exc.) to Saughton Road North (inc.)	1179	30.2%	31-Oct-07 A	21-Jun-11
Design							
B01080			Scottish Water - Outfall Consent	0	0%	20-Mar-09	03-Apr-09
12830	05.B	APPT	Issue Construction Drawings - Trackwork	0	0%		03-Apr-09*
Carricknowe Bridge (S23)							
WBSSum015	05.B	BRDG	Carrick Knowe Bridge (S23) (WBS Summary)	442	34.17%	18-Aug-08 A	04-Jan-10
S23 Planned Rail Possessions							
B20140			Sun 01 Mar 00:30 - Mon 02 Mar 04:20	1	0%	20-Mar-09*	20-Mar-09
B20160			(All Suns 00:30 - 08:30)	1	0%	20-Mar-09	20-Mar-09
B20150			Wed 10 Jun - Thurs 11 Jun	1	0%	10-Jun-09*	11-Jun-09
S23 Substructure							
B20361			South Abutment	116		02-Mar-09 A	03-Sep-09
B20351			North Abutment	110	5%	02-Mar-09 A	19-Aug-09
Trackwork (1690m)							
Concrete Slab Track 590m							
1543	05.B	EART	Earthworks- Subbase	34	0%	17-Jun-09	04-Aug-09
Saughton Road North (exc.) to Bankhead (inc.)							
124	05.B		Saughton road North (exc.) to South Gyle Access (inc.)	681	29.5%	05-Aug-08 A	03-Mar-11
Design							
B20340			S26 "On Hold" awaiting TIE decision on design	0	0%	20-Mar-09	20-Mar-09

Actual Work Milestone % Complete

Normal

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12880	05.B	APPT	Issue Construction Drawings - Trackwork	0	0%	20-Mar-09*	20-Mar-09*
B01180			Scottish Water - Outfall Consent	0	0%	20-Mar-09*	20-Mar-09*
Bankhead Retaining Wall (W11)							
WBSSum016	05.B	STRU	Bankhead Retaining Wall (W11) (WBS Summary)	29	0%	20-Mar-09	17-Apr-09
Wall 11 Construction							
127	05.B	STRU	Retaining Wall Construction	20	0%	20-Mar-09	17-Apr-09
South Gyle Access Bridge (S26)							
WBSSum017	05.B	BRDG	South Gyle Access Bridge (S26) (WBS Summary)	200	0%	20-Mar-09	05-Oct-09
S26 Substructure							
156	05.B	BRDG	Sub-structure	83	0%	20-Mar-09	17-Jul-09
Trackwork (1260m)							
13000	05.B	TRCK	Delay Start to Maintain Guided Bus Way	0	0%	20-Mar-09*	11-Jun-09
223	05.B	EART	Earthworks and Subbase	8	0%	20-Apr-09	30-Apr-09
510	05.B	TRCK	OLE Foundations - Drainage - Ducts	28	0%	30-Apr-09	11-Jun-09
Bankhead (exc.) to Edinburgh Park Station (inc.)							
130	05.B		South Gyle Access (exc.) to Edinburgh Park Station (inc.)	623	0%	01-Oct-08 A	27-Jan-11
Design							
12600	05.B	APPT	Issue Construction Drawings - Trackwork	0	0%	20-Mar-09	20-Mar-09
B01200			Scottish Water - Outfall Consent	0	0%	20-Mar-09*	20-Mar-09*
Trackwork (790m)							
213	05.B	EART	Earthworks and Subbase	185	14%	14-Oct-08 A	17-Jun-09
500	05.B	TRCK	OLE Foundations - Drainage	32	0%	11-May-09	25-Jun-09
859	05.B	TRCK	Ducts and Bottom Ballast	16	0%	25-Jun-09	17-Jul-09
Edinburgh Park Station (exc.) to Edinburgh Park Central (inc.)							
133	05.B		Edinburgh Park Station (exc.) to Edinburgh Park Central (inc.)	770	31%	31-Oct-07 A	16-May-11
Design							
12830	05.B	APPT	Issue Construction Drawings - Trackwork	0	0%	20-Mar-09	20-Mar-09
B01210			Scottish Water - Outfall Consent	0	0%	20-Mar-09*	20-Mar-09*
Edinburgh Park Station Bridge (S27)							
WBSSum018	05.B	BRDG	Edinburgh Park Station Bridge (S27) (WBS Summary)	725	49%	31-Oct-07 A	23-Mar-10
S27 Planned Rail Possessions							
B20070			Sun 01 Mar 00:30 - Mon 02 Mar 04:20	1	0%	20-Mar-09*	20-Mar-09
B20080			(All Suns 00:30 - 05:30)	1	0%	20-Mar-09	20-Mar-09
B20080			Wed 10 Jun - Thurs 11 Jun	1	0%	10-Jun-09*	11-Jun-09
S27 Substructure							
				355	0%	03-Sep-08 A	02-Sep-09

█ Actual Work █ Milestone █ % Complete
█ Normal █

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EDINBURGH TRAM NETWORK



Activity ID	Geographical Sections	Discipline Codes	Activity Name	Original Duration	Activity % Complete	Start	Finish
B20100			Substructure	355	0%	03-Sep-08 A	02-Sep-09
13440	05 B	BRDG	North Approach Ramp	53	10%	03-Nov-08 A	05-Jun-09
13150			North Abutment	88	100%	25-Nov-08 A	12-Mar-09 A
13220			Pier 1	113	100%	19-Jan-09 A	05-Mar-09 A
13230			South Abutment	102	40%	24-Feb-08 A	18-Jun-09
13450	05 B	BRDG	South Approach Ramp	53	0%	18-Jun-09	02-Sep-09
S27 Superstructure				151		20-Apr-09	19-Nov-09
B20110			Superstructure	151	0%	20-Apr-09*	19-Nov-09
Trackwork (854m)				189		15-Sep-08 A	24-Jun-09
203	05 B	EART	Earthworks- Subbase	11	5%	15-Sep-08 A	05-May-09
490	05 B	TRCK	OLE Foundations - Drainage	19	0%	05-May-09	02-Jun-09
829	05 B	TRCK	Track Formation - Ducts	16	0%	02-Jun-09	24-Jun-09
05C Edinburgh Park Central (exc.) to Gogarburn (inc.)				776		10-Sep-08 A	22-Sep-11
137	05 C		05C Edinburgh Park (exc.) to Gogarburn (inc.)	1149	20.29%	10-Sep-08 A	22-Sep-11
Edinburgh Park Central (exc.) to Gyle Centre (inc.)				504		10-Sep-08 A	29-Sep-10
138	05 C		Edinburgh Park (exc.) to Gyle (inc.)	747	25.31%	10-Sep-08 A	29-Sep-10
Design				0		20-Mar-09	20-Mar-09
12650	05 C	APPT	Issue Construction Drawings - Trackwork	0	0%	20-Mar-09*	20-Mar-09*
12970	05 C	APPT	Issue Construction Drawings - W16	0	0%	20-Mar-09*	20-Mar-09*
B01220			Scottish Water - Outfall Consent	0	0%	20-Mar-09*	20-Mar-09*
Gyle Centre Tram Stop Retaining Wall (W19)				20		20-Apr-09	19-May-09
WBSSum019	05 C	STRU	Gyle Centre Tramstop Retaining Wall (W19) (WBS Summary)	29	0%	20-Apr-09	19-May-09
Wall 19 Construction				20		20-Apr-09	19-May-09
139	05 C	STRU	Wall Construction	20	0%	20-Apr-09	19-May-09
Trackwork (760m)				50		19-May-09	29-Jul-09
140	05 C	EART	Earthworks and Subbase	20	0%	19-May-09	17-Jun-09
183	05 C	TRCK	OLE Foundations - Drainage	30	0%	17-Jun-09	29-Jul-09
Gyle Centre (exc.) to Depot Stop (inc.)				721		01-Oct-08 A	05-Jul-11
142	05 C		Gyle (exc.) to Depot Stop (inc.)	1071	21.77%	01-Oct-08 A	05-Jul-11
Design				0		20-Mar-09	20-Mar-09
12660	05 C	APPT	Issue Construction Drawings - S32 Depot Access Bridge	0	0%	20-Mar-09*	20-Mar-09*
10950	05 C	APPT	Issue Construction Drawings - Trackwork	0	0%	20-Mar-09*	20-Mar-09*
B01230			Scottish Water - Outfall Consent	0	0%	20-Mar-09*	20-Mar-09*
A8 Underpass (S28)				216		15-Oct-08 A	16-Feb-10
WBSSum020	05 C	TUNN	A8 Underpass (S28) (WBS Summary)	323	0%	15-Oct-08 A	16-Feb-10

Actual Work (Blue bar), Milestone (Diamond), Normal (Orange bar), % Complete (Black bar)

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Activity ID	Geographi Sections	Discipline Codes	Activity Name	Original Duration	Activity % Complete	Start	Finish
S28 Establishment / Demolition / Site Clearance							
153	05.C	STRU	Working around BT ducts (dummy)	20	0%	18-May-09	16-Jun-09
S28 Construction							
143	05.C	STRU	Phase 1	109	15%	15-Oct-08 A	03-Sep-09
519	05.C	STRU	Phase 2	46	0%	15-Oct-08 A	18-May-09
A8 Retaining Walls (W16)							
145	05.C	STRU	Soil Nailing	56	0%	16-Jun-09	03-Sep-09
Depot Stop (exc.) to Gogarburn (inc.)							
147	05.C		Depot Stop (exc.) to Gogarburn (inc.)	96	0%	20-Apr-09	02-Sep-09
Design							
B01240			Scottish Water - Outfall Consent	96	0%	20-Apr-09	02-Sep-09
SECTION 06 GOGAR DEPOT							
150			SECTION 06 GOGAR DEPOT	454	0%	07-Oct-08 A	27-Jan-11
Opening Sequence A (Airport to Haymarket)							
151			Opening Sequence A (Airport to Haymarket)	678	0%	07-Oct-08 A	27-Jan-11
06A Gogar Depot							
152	06.A		06A Gogar Depot	835	0%	20-Mar-09	20-Mar-09
Depot							
Design							
1158	06.A	APPT	Issue Construction Drawings - Procurement	0	0%	20-Mar-09	03-Apr-09
B01090			Scottish Water - Outfall Consent	0	0%	20-Mar-09	20-Mar-09
B01091	06.A	APPT	Issue Construction Drawings - Roadworks	0	0%	20-Mar-09	20-Mar-09
13140	06.A	APPT	Issue Construction Drawings - Drainage	0	0%	03-Apr-09	03-Apr-09
Establishment / Earthworks / Drainage							
B25505			Site Possession (40%)	481	0%	08-Feb-09 A	10-Sep-09
1149	06.A	EART	Earthworks	20	50%	08-Feb-09 A	02-Apr-09
1289	06.A	DRAN	Drainage and Outfall	96	0%	20-Apr-09	02-Sep-09
Access Roads							
1179	06.A	ROAD	North Side	80	0%	05-May-09	10-Sep-09
Depot Building							
A17170	06.A	BLDS	Foundations	45	0%	17-Jun-09	19-Aug-09
A17180	06.A	BLDS	Substructure and Superstructure (Steelwork)	45	0%	17-Jun-09	19-Aug-09
Procurement							
1159	06.A	BLDS	Steel Work Fabrication	85	0%	05-May-09	02-Sep-09
Depot Substation							
				64	0%	05-May-09	05-Aug-09
				140	0%	03-Jun-09	17-Dec-09

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█ Actual Work
█ Normal
◆ Milestone
▬ % Complete

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Activity ID	Geographi Sections	Discipline Codes	Activity Name	Original Duration	Activity % Complete	Start	Finish
13120	07 A	APPT	Issue Construction Drawings - Edinburgh Airport Tramstop	0	0%	07-May-09*	
Enabling Works							
A1930	07 A	MISC	Site and Vegetation Clearance	28	20-Mar-09	29-Apr-09	
Gogarburn Culvert No2 (S31)							
WBSSum025	07 A	BRDG	Gogarburn Culvert No.2 (S31) (WBS Summary)	164	05-Jan-09 A	24-Jun-09	
309	07 A	STRU	Precast Culvert Units	236	85.74%	05-Jan-09 A	24-Jun-09
329	07 A	STRU	Backfill and Finishes	5	100%	08-Feb-09 A	06-Mar-09 A
319	07 A	STRU	Reinforced Concrete Apron and Wingwalls	11	75%	16-Mar-09 A	24-Jun-09
Gogarburn Culvert No3 (S34)							
WBSSum026	07 A	BRDG	Gogarburn Culvert No.3 (S34) (WBS Summary)	94	16-Mar-09 A	04-Aug-09	
B25720			Manufacture Culvert Units	138	0%	16-Mar-09 A	04-Aug-09
196	07 A	STRU	Divert Flows-Bulk Excavation	20	30%	16-Mar-09 A	02-Apr-09
279	07 A	STRU	Precast Culvert Units	6	0%	30-Mar-09	06-Apr-09
289	07 A	STRU	Reinforced Concrete Apron and Wingwalls	5	0%	07-Apr-09	14-Apr-09
				20	0%	22-Jun-09	17-Jul-09



10.4 Tram Programme

