

Date	Revision	Checked	Approved
01-Sep-09		scs	

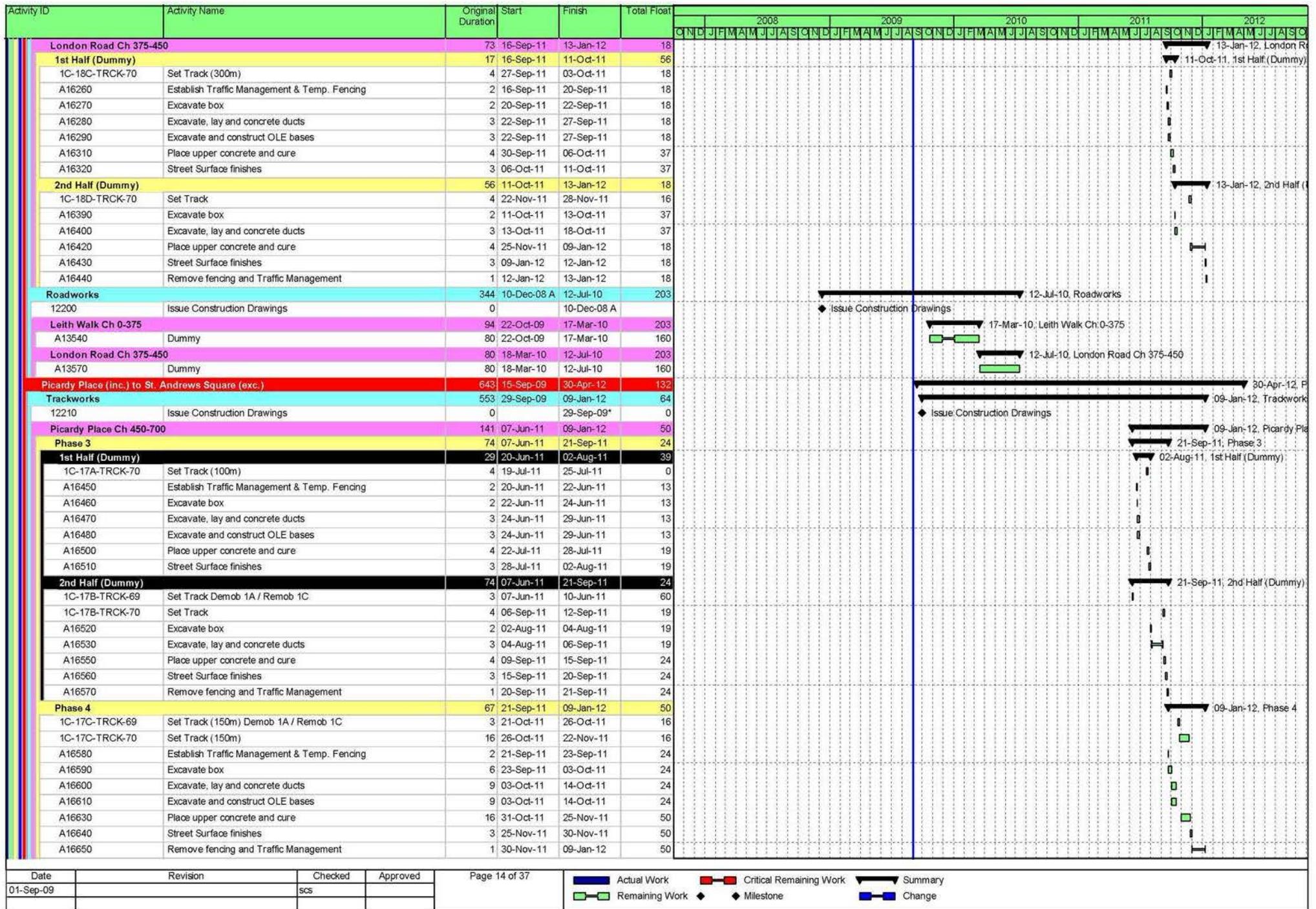
CEC00624408_0074

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2008												2009												2010												2011												2012											
						QNDJFMAMJJASON												QNDJFMAMJJASON												QNDJFMAMJJASON												QNDJFMAMJJASON												QNDJFMAMJJASON											
Balfour Street Tram Stop																																																																	
12170	Issue Construction Drawings	0	15-Jul-08 A	20-Sep-11	280																																																												
538	Order REC Supply	0	06-May-11	15-Jul-08 A	375																																																												
Construction																																																																	
590	Civil Engineering And Building Works	155	09-Feb-11	20-Sep-11	280																																																												
A2600	Deliver and Install Shelter	65	09-Feb-11	12-May-11	202																																																												
A4478	Access for visual inspection for E&M Tram Stop installation (01B	10	20-Jun-11	04-Jul-11	152																																																												
A4479	Access for E&M Tram Stop installation (01B Balfour Street)	0	02-Jun-11		368																																																												
A4479	Access for E&M Tram Stop installation (01B Balfour Street)	0	04-Jul-11		164																																																												
A4480	Install LV Power Supply and LV Power Equipment	25	04-Jul-11	09-Aug-11	152																																																												
A4490	Install Telecon Equipment	20	09-Aug-11	06-Sep-11	162																																																												
A4500	Install Station Control Equipment + AFC Equipment	25	09-Aug-11	13-Sep-11	152																																																												
A4510	Package Test Tramstop	5	13-Sep-11	20-Sep-11	152																																																												
01C McDonald Road (inc.) to Princess Street West (exc.)																																																																	
E & M Installations																																																																	
1C-16/17/18-OHLE-50	Installation of poles and building fixings	103	04-Nov-11	11-Apr-12	144																																																												
1C-16/17/18-OHLE-60	Overhead Catenary Line	15	11-Jan-12	01-Feb-12	11																																																												
A3843	Access for visual inspection for E&M wayside installation (01C)	36	01-Feb-12	22-Mar-12	11																																																												
A3843	Access for visual inspection for E&M wayside installation (01C)	0	04-Nov-11		231																																																												
A3844	Access for E&M wayside installation (01C)	0	11-Jan-12		209																																																												
A3858	Access for visual inspection to cable pits for cable laying (01C)	0	17-Jan-12		206																																																												
A3859	Access to cable pits for cable laying (01C)	0	15-Feb-12		184																																																												
A3860	Install Electrical Cables	20	15-Feb-12	14-Mar-12	11																																																												
A3870	Install Fibre Optic Cables	20	15-Feb-12	14-Mar-12	36																																																												
A3880	Install Signalling Wayside Equipment	20	14-Mar-12	11-Apr-12	11																																																												
McDonald Road (inc.) to Picardy Place (exc.)																																																																	
McDonald Road Tram Stop																																																																	
12180	Issue Construction Drawings	797	01-Sep-08 A	24-Nov-11	233																																																												
548	Order REC Supply	0	13-Jun-11	01-Sep-08 A	350																																																												
600	Civil Engineering And Building Works	0	01-Sep-08 A		149																																																												
A2660	Deliver and Install Shelter	65	01-Mar-11	03-Jun-11	149																																																												
A2660	Deliver and Install Shelter	10	25-Jul-11	05-Sep-11	89																																																												
A2668	Access for visual inspection for E&M Tram Stop installation (01C	20	04-Aug-11		323																																																												
A2669	Access for E&M Tram Stop installation (01C McDonald Road)	0	05-Sep-11		119																																																												
A2670	Install LV Power Supply and LV Power Equipment	25	05-Sep-11	10-Oct-11	89																																																												
A2673	Install Telecon Equipment	20	10-Oct-11	10-Nov-11	99																																																												
A2675	Install Station Control Equipment + AFC Equipment	25	10-Oct-11	17-Nov-11	89																																																												
A2680	Package Test Tramstop	5	17-Nov-11	24-Nov-11	89																																																												
Trackworks																																																																	
12190	Issue Construction Drawings	710	10-Dec-08 A	13-Jan-12	18																																																												
Leith Walk Ch 0-375																																																																	
1st Half (Dummy)																																																																	
1C-18A-TRCK-70	Set Track (375m)	41	01-Mar-11	28-Apr-11	46																																																												
A16190	Establish Traffic Management & Temp. Fencing	14	30-Mar-11	20-Apr-11	46																																																												
A16190	Establish Traffic Management & Temp. Fencing	2	01-Mar-11	03-Mar-11	49																																																												
A16200	Excavate box	8	03-Mar-11	15-Mar-11	49																																																												
A16210	Excavate, lay and concrete ducts	11	15-Mar-11	30-Mar-11	49																																																												
A16220	Excavate and construct OLE bases	11	15-Mar-11	30-Mar-11	49																																																												
A16240	Place upper concrete and cure	14	05-Apr-11	25-Apr-11	46																																																												
A16250	Street Surface finishes	3	25-Apr-11	28-Apr-11	46																																																												
2nd Half (Dummy)																																																																	
1C-18B-TRCK-70	Set Track (375m)	98	28-Apr-11	16-Sep-11	18																																																												
A16330	Excavate box	14	21-Jul-11	07-Sep-11	7																																																												
A16330	Excavate box	8	28-Apr-11	11-May-11	46																																																												
A16340	Excavate, lay and concrete ducts	11	11-May-11	26-May-11	46																																																												
A16360	Place upper concrete and cure	14	26-Jul-11	12-Sep-11	18																																																												
A16370	Street Surface finishes	3	12-Sep-11	15-Sep-11	18																																																												
A16380	Remove fencing and Traffic Management	1	15-Sep-11	16-Sep-11	18																																																												

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■ Actual Work
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 Summary
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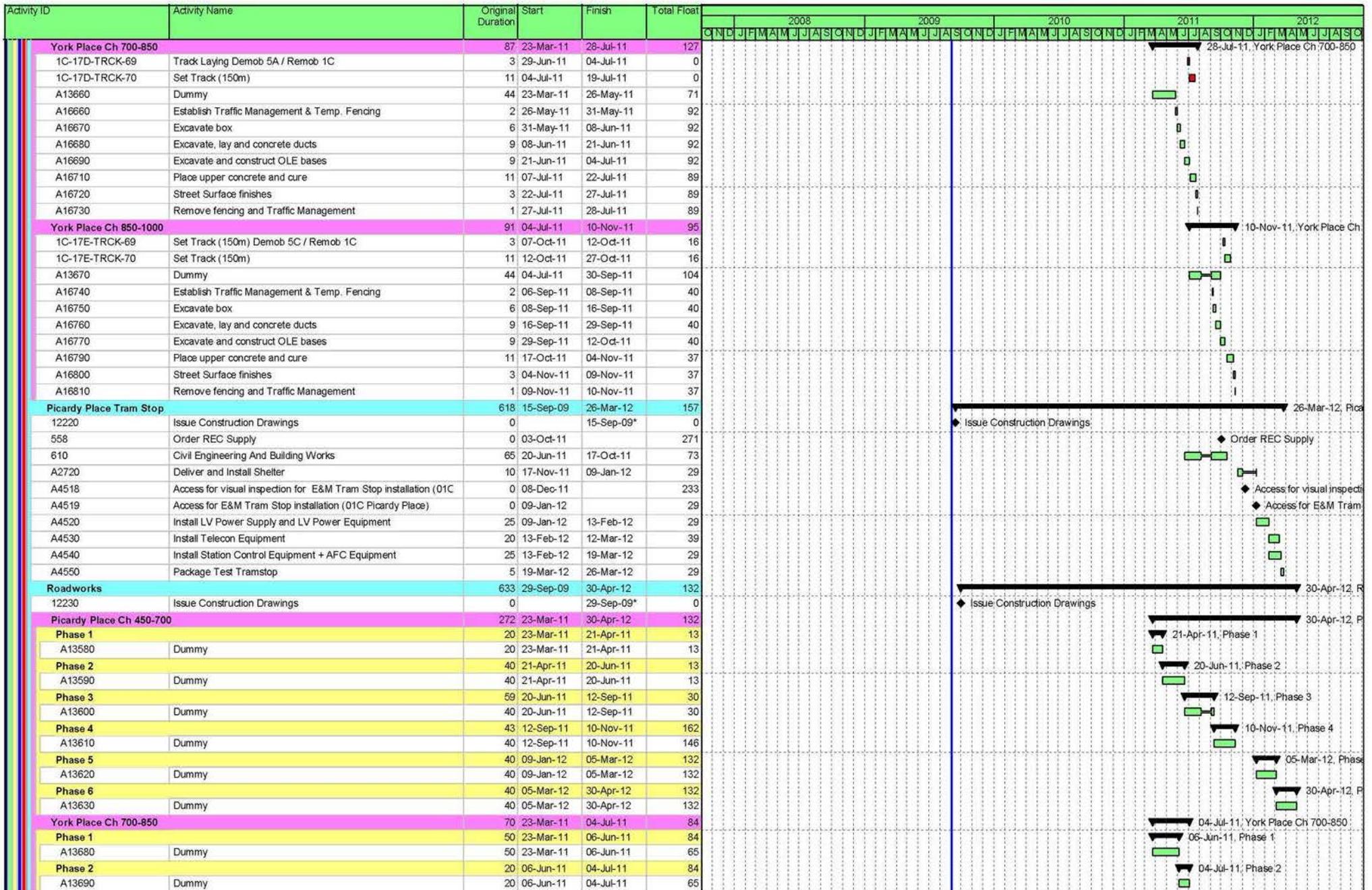
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■ Actual Work
 ■ Critical Remaining Work
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Date	Revision	Checked	Approved
01-Sep-09		scs	

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

CEC00624408_0080

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2008												2009												2010												2011												2012																																																														
						C			N			D			J			F			M			A			M			J			J			A			S			O			N			D			J			F			M			A			M			J			J			A			S			O			N			D			J			F			M			A			M			J			J			A			S			O		
York Place Ch 850-1000						92	04-Jul-11	10-Nov-11	114																																																																																																											
Phase 1						69	04-Jul-11	10-Oct-11	117																																																																																																											
A13700	Dummy	50	04-Jul-11	10-Oct-11	98																																																																																																															
Phase 2						23	10-Oct-11	10-Nov-11	114																																																																																																											
A13710	Dummy	20	10-Oct-11	10-Nov-11	98																																																																																																															
Cathedral SubStation						220	31-May-11	18-Apr-12	139																																																																																																											
346	Order REC supply from Scottish Power	0	31-May-11		97																																																																																																															
356	Civil Engineering and Building Works	65	20-Jun-11	17-Oct-11	78																																																																																																															
A2838	Access for visual inspection for E&M substation installation (01C Cathedral)	0	22-Aug-11		311																																																																																																															
A2839	Access for E&M substation installation (01C Cathedral)	0	21-Sep-11		108																																																																																																															
A5580	Power Infeed from Public Net available inc HV cable	0	21-Sep-11		97																																																																																																															
A5590	Install LV Power Supply and LV Power Equipment	15	21-Sep-11	11-Oct-11	78																																																																																																															
A5600	Installation of TPS Equipment	30	05-Oct-11	18-Nov-11	78																																																																																																															
A5610	Install Telecom and Scada	15	26-Oct-11	15-Nov-11	97																																																																																																															
A5620	Testing and Commissioning	14	21-Nov-11	09-Dec-11	94																																																																																																															
A6120	Installation of SIG-interlocking cubide	10	05-Oct-11	18-Oct-11	137																																																																																																															
A6130	Commissioning of SIG -interlocking cubide	5	11-Apr-12	18-Apr-12	11																																																																																																															
St. Andrews Square (inc.) to Princes Street West (exc.)						779	12-Dec-08 A	18-Apr-12	139																																																																																																											
Trackworks						535	12-Dec-08 A	22-Apr-11	383																																																																																																											
12240	Issue Construction Drawings	0		12-Dec-08 A																																																																																																																
St Andrews Square to Waverley Bridge Ch 1000-1360						130	06-Oct-10	22-Apr-11	255																																																																																																											
1C-16-TRCK-70	Set Track (360m)	24	10-Mar-11	14-Apr-11	6																																																																																																															
A13530	Dummy	60	06-Oct-10	09-Feb-11	268																																																																																																															
A16820	Establish Traffic Management & Temp. Fencing	2	06-Oct-10	08-Oct-10	38																																																																																																															
A16830	Excavate box	15	08-Oct-10	29-Oct-10	38																																																																																																															
A16840	Excavate, lay and concrete ducts	22	29-Oct-10	11-Jan-11	38																																																																																																															
A16850	Excavate and construct OLE bases	22	11-Jan-11	10-Feb-11	38																																																																																																															
A16870	Place upper concrete and cure	23	15-Mar-11	18-Apr-11	155																																																																																																															
A16880	Street Surface finishes	3	18-Apr-11	21-Apr-11	155																																																																																																															
A16890	Remove fencing and Traffic Management	1	21-Apr-11	22-Apr-11	155																																																																																																															
Roadworks						484	12-Dec-08 A	09-Feb-11	434																																																																																																											
12250	Issue Construction Drawings	0		12-Dec-08 A																																																																																																																
St Andrews Square to Waverley Bridge Ch 1000-1360						79	06-Oct-10	09-Feb-11	261																																																																																																											
A13520	Dummy	60	06-Oct-10	09-Feb-11	223																																																																																																															
Princes Street West Tram Stop						513	18-Feb-09 A	23-Mar-11	405																																																																																																											
12290	Issue Construction Drawings	0		18-Feb-09 A																																																																																																																
578	Order REC Supply	0	29-Sep-10		519																																																																																																															
630	Civil Engineering And Building Works	65	24-Sep-09	27-Jan-10	440																																																																																																															
A2780	Deliver and Install Shelter	10	12-Nov-10	26-Nov-10	239																																																																																																															
A4598	Access for visual inspection for E&M Tram Stop installation (01D)	0	27-Oct-10		498																																																																																																															
A4599	Access for E&M Tram Stop installation (01D Princess Street We	0	26-Nov-10		294																																																																																																															
A4600	Install LV Power Supply and LV Power Equipment	25	26-Nov-10	09-Feb-11	239																																																																																																															
A4610	Install Telecon Equipment	20	09-Feb-11	09-Mar-11	249																																																																																																															
A4620	Install Station Control Equipment + AFC Equipment	25	09-Feb-11	16-Mar-11	239																																																																																																															
A4630	Package Test Tramstop	5	16-Mar-11	23-Mar-11	277																																																																																																															
St Andrews Square Tram Stop						779	18-Feb-09 A	18-Apr-12	139																																																																																																											
12260	Issue Construction Drawings	0		18-Feb-09 A																																																																																																																
568	Order REC Supply	0	05-Nov-10		492																																																																																																															
620	Civil Engineering And Building Works	65	06-Oct-10	16-Feb-11	223																																																																																																															
A2750	Deliver and Install Shelter	10	26-Jan-11	09-Feb-11	214																																																																																																															
A4558	Access for visual inspection for E&M Tram Stop installation (01C	0	10-Jan-11		471																																																																																																															
A4559	Access for E&M Tram Stop installation (01C St. Andrews Square	0	09-Feb-11		267																																																																																																															
A4560	Install LV Power Supply and LV Power Equipment	25	09-Feb-11	16-Mar-11	214																																																																																																															

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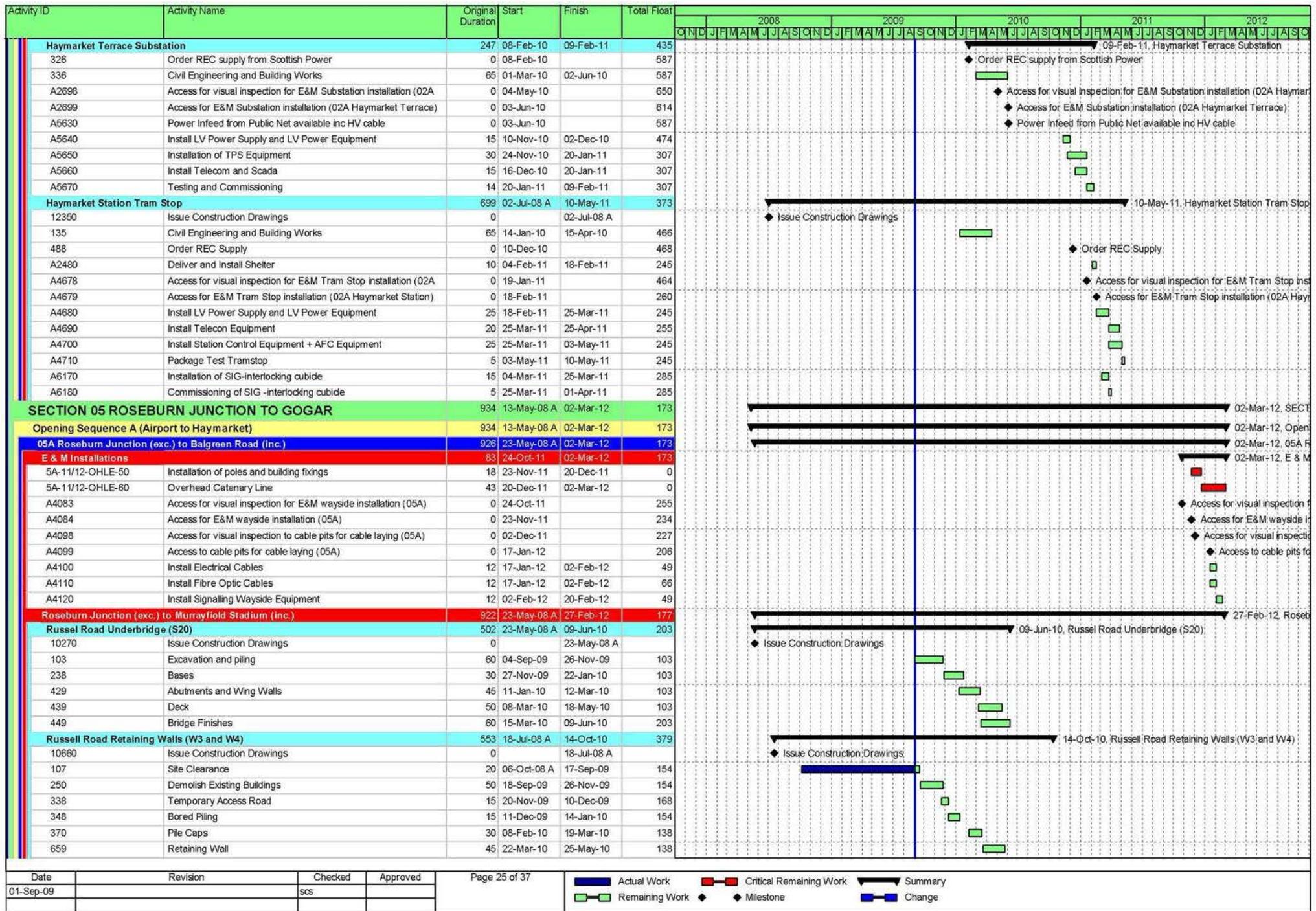
■ Actual Work
 ■ Critical Remaining Work
 Summary
 Remaining Work
 ◆ Milestone
 Change

CEC00624408_0081

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2008					2009					2010					2011					2012										
						C	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A
12310	Issue Construction Drawings	0		11-Feb-09 A																																
Haymarket Ch 1250-1125		377	24-Sep-09	12-Apr-11	263																															
Phase 1		17	24-Sep-09	16-Oct-09	104																															
A6390	Establish Traffic Management & Temp. Fencing	2	24-Sep-09	25-Sep-09	90																															
A6400	Remove island surfacing and exc. to formation	4	28-Sep-09	01-Oct-09	90																															
A6410	Construct Kerb lines	2	02-Oct-09	05-Oct-09	90																															
A6420	Move Gullies	2	06-Oct-09	07-Oct-09	90																															
A6430	Sub base	2	08-Oct-09	09-Oct-09	90																															
A6440	Roadbase/base course/wearing course/temp ramps	3	12-Oct-09	14-Oct-09	90																															
A6450	Pavement Works	5	06-Oct-09	12-Oct-09	93																															
A6460	White Lines	1	15-Oct-09	15-Oct-09	90																															
A6470	Street Lighting / Traffic Signals / Road Signs	5	06-Oct-09	12-Oct-09	93																															
A6475	Remove fencing and Traffic Management	1	16-Oct-09	16-Oct-09	90																															
Phase 2		21	19-Oct-09	16-Nov-09	104																															
A6480	Establish Traffic Management & Temp. Fencing	2	19-Oct-09	20-Oct-09	90																															
A6490	Excavate for new channel and kerb line / remove existing kerbs	2	21-Oct-09	22-Oct-09	90																															
A6500	Construct Kerb lines	2	23-Oct-09	26-Oct-09	90																															
A6510	Reset Gullies	1	27-Oct-09	27-Oct-09	92																															
A6520	Surface new channel	1	28-Oct-09	28-Oct-09	92																															
A6540	Pavement Works	15	27-Oct-09	16-Nov-09	90																															
A6550	White Lines	1	29-Oct-09	29-Oct-09	92																															
A6560	Street Lighting / Traffic Signals / Road Signs	3	27-Oct-09	29-Oct-09	92																															
A6565	Remove fencing and Traffic Management	1	03-Nov-09	03-Nov-09	90																															
Phase 4a		22	27-Apr-10	28-May-10	20																															
A6730	Establish Traffic Management & Temp. Fencing	2	27-Apr-10	29-Apr-10	20																															
A6740	Remove island surfacing and exc. to formation	5	29-Apr-10	07-May-10	20																															
A6750	Construct Kerb lines	4	07-May-10	13-May-10	20																															
A6760	Move Gullies	2	13-May-10	17-May-10	20																															
A6770	Sub base	3	17-May-10	20-May-10	20																															
A6775	Plane off wearing course	1	20-May-10	21-May-10	20																															
A6780	Roadbase/base course/wearing course/temp ramps	3	21-May-10	26-May-10	20																															
A6790	Pavement Works	6	13-May-10	21-May-10	24																															
A6800	White Lines	1	26-May-10	27-May-10	20																															
A6810	Street Lighting / Traffic Signals / Road Signs	7	13-May-10	24-May-10	23																															
A6815	Remove fencing and Traffic Management	1	27-May-10	28-May-10	20																															
Phase 4b		19	28-May-10	25-Jun-10	22																															
A6820	Establish Traffic Management & Temp. Fencing	2	28-May-10	02-Jun-10	20																															
A6830	Remove island surfacing and exc. to formation	1	02-Jun-10	03-Jun-10	20																															
A6840	Construct Kerb lines	4	03-Jun-10	09-Jun-10	20																															
A6850	Move Gullies	2	09-Jun-10	11-Jun-10	20																															
A6860	Sub base	3	11-Jun-10	16-Jun-10	20																															
A6870	Plane off wearing course	1	16-Jun-10	17-Jun-10	20																															
A6880	Roadbase/base course/wearing course/temp ramps	3	17-Jun-10	22-Jun-10	20																															
A6890	Pavement Works	12	09-Jun-10	25-Jun-10	22																															
A6900	White Lines	1	22-Jun-10	23-Jun-10	20																															
A6910	Street Lighting / Traffic Signals / Road Signs	7	09-Jun-10	18-Jun-10	23																															
A6915	Remove fencing and Traffic Management	1	23-Jun-10	24-Jun-10	20																															
Phase 6b		42	23-Nov-10	04-Feb-11	294																															
A7240	Establish Traffic Management & Temp. Fencing	2	23-Nov-10	25-Nov-10	256																															
A7250	Excavate for new channel and kerb line / remove existing kerbs	2	25-Nov-10	29-Nov-10	256																															
A7260	Construct Kerb lines	5	29-Nov-10	13-Jan-11	256																															
A7270	Reset Gullies	5	30-Nov-10	14-Jan-11	268																															

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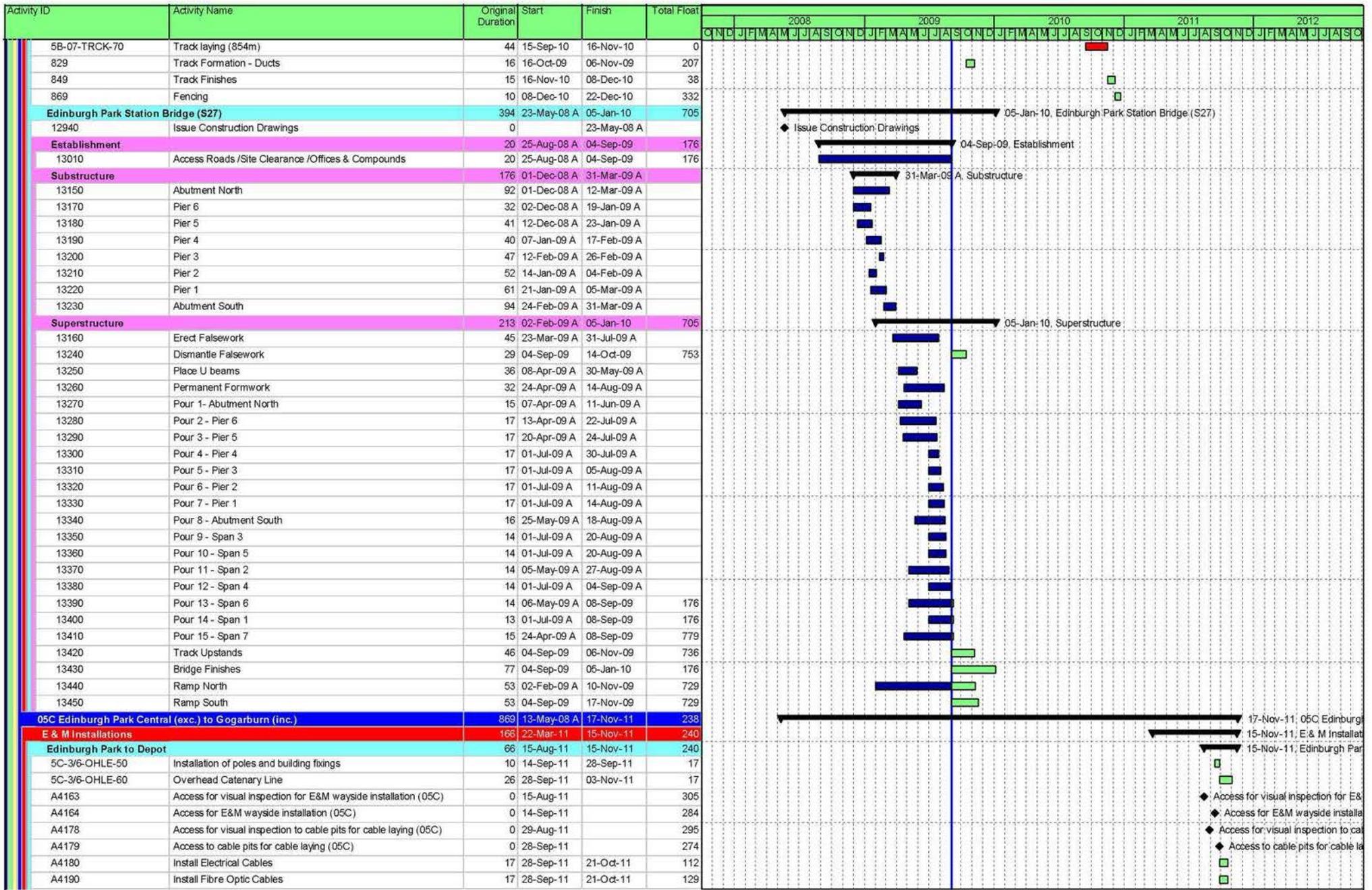


Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2008												2009												2010												2011												2012															
						C	N	D	J	F	M	A	M	J	J	A	S	O	N	C	N	D	J	F	M	A	M	J	J	A	S	O	N	C	N	D	J	F	M	A	M	J	J	A	S	O	N	C	N	D	J	F	M	A	M	J	J	A	S	O	N	C	N	D	J	F	M	A	M
M & E Works						17	21-Jun-10	14-Jul-10	141	▼ 14-Jul-10, M & E Works																																																											
265	OLE Supports and Catenary over Tracks	1	13-Jul-10	14-Jul-10	141																																																																
64	OLE Supports	8	21-Jun-10	01-Jul-10	141																																																																
75	Catenary Cables	8	01-Jul-10	13-Jul-10	141																																																																
94	Possessions 4 (12hrs)	0	13-Jul-10	13-Jul-10	212																																																																
Trackwork (1690m)						358	25-Nov-08 A	03-Aug-10	432	▶ Issue Construction Drawings																																																											
12830	Issue Construction Drawings	0	25-Nov-08 A	03-Aug-10	432	▶ Issue Construction Drawings																																																															
Ballasted Track 1160m						222	04-Sep-09	03-Aug-10	432	▶ 03-Aug-10, Ballasted Track 1160m																																																											
1533	Earthworks - Subbase	20	04-Sep-09	02-Oct-09	103	■																																																															
1534	OLE Foundations - Drainage	23	02-Oct-09	04-Nov-09	103	■																																																															
1609	Bottom Ballast - Ducts	23	04-Nov-09	08-Dec-09	103	■																																																															
1629	Top Ballast	15	09-Jun-10	30-Jun-10	151	■																																																															
1639	Fencing & Trackside Finishes	23	30-Jun-10	03-Aug-10	432	■																																																															
5B-10A-TRCK-70	Track laying (1160m)	21	10-May-10	09-Jun-10	6	■																																																															
Concrete Slab Track 590m						135	04-Sep-09	26-Mar-10	519	▶ 26-Mar-10, Concrete Slab Track:590m																																																											
1543	Earthworks- Subbase	34	04-Sep-09	22-Oct-09	59	■																																																															
1544	OLE Foundations - Drainage - Ducts	24	22-Oct-09	25-Nov-09	59	■																																																															
1679	Fencing & Finishes	12	11-Mar-10	26-Mar-10	519	■																																																															
5B-10C-TRCK-69	Track laying Demob 1A / Remob 5B	3	29-Jan-10	02-Feb-10	20	■																																																															
5B-10C-TRCK-70	Track laying	26	03-Feb-10	10-Mar-10	20	■																																																															
Saughton Road North Tram Stop						837	13-Jun-08 A	03-Nov-11	248	▶ Issue Construction Drawings																																																											
10840	Issue Construction Drawings	0	13-Jun-08 A	03-Nov-11	248	▶ Issue Construction Drawings																																																															
123	Civil Engineering and Building Works	65	11-Mar-10	14-Jun-10	426	■																																																															
248	Order REC Supply	0	22-Jun-11	03-Nov-11	343	■																																																															
A2080	Deliver and Install Shelter	10	04-Aug-11	18-Aug-11	120	■																																																															
A5158	Access for visual inspection for E&M Tram Stop installation (05B	0	19-Jul-11	03-Nov-11	335	■																																																															
A5159	Access for E&M Tram Stop installation (05B Saughton Road Nor	0	18-Aug-11	03-Nov-11	131	■																																																															
A5160	Install LV Power Supply and LV Power Equipment	25	18-Aug-11	22-Sep-11	120	■																																																															
A5170	Install Telecon Equipment	20	22-Sep-11	20-Oct-11	130	■																																																															
A5180	Install Station Control Equipment + AFC Equipment	25	22-Sep-11	27-Oct-11	120	■																																																															
A5190	Package Test Tramstop	5	27-Oct-11	03-Nov-11	120	■																																																															
Saughton Road North (exc.) to Bankhead (inc.)						669	11-Jul-08 A	20-Jul-11	323	▶ 20-Jul-11, Saughton Road North (exc.)																																																											
Bankhead Drive Substation						289	16-Apr-10	20-Jun-11	345	▶ 20-Jun-11, Bankhead Drive Substation																																																											
256	Order REC supply from Scottish Power	0	16-Apr-10	20-Jun-11	411	■																																																															
266	Civil Engineering and Building Works	65	10-May-10	11-Aug-10	411	■																																																															
A2258	Access for visual inspection for E&M Substation installation (05B	0	12-Jul-10	20-Jun-11	601	■																																																															
A2259	Access for E&M Substation installation (05B Bankhead Drive)	0	11-Aug-10	20-Jun-11	437	■																																																															
A5880	Power Infeed from Public Net available inc HV cable	0	11-Aug-10	20-Jun-11	411	■																																																															
A5890	Install LV Power Supply and LV Power Equipment	15	31-Mar-11	22-Apr-11	256	■																																																															
A5900	Installation of TPS Equipment	30	15-Apr-11	31-May-11	217	■																																																															
A5910	Install Telecom and Scada	15	09-May-11	31-May-11	217	■																																																															
A5920	Testing and Commissioning	14	31-May-11	20-Jun-11	217	■																																																															
Bankhead Retaining Wall (W11)						40	04-Sep-09	30-Oct-09	69	▶ 30-Oct-09, Bankhead Retaining Wall (W11)																																																											
10860	Issue Construction Drawings	0	04-Sep-09*	30-Oct-09	-317	■																																																															
127	Retaining Wall Construction	20	02-Oct-09	30-Oct-09	69	■																																																															
Bankhead Tram Stop						669	11-Jul-08 A	20-Jul-11	323	▶ 20-Jul-11, Bankhead Tram Stop																																																											
12870	Issue Construction Drawings	0	11-Jul-08 A	20-Jul-11	323	▶ Issue Construction Drawings																																																															
129	Civil Engineering and Building Works	65	10-May-10	11-Aug-10	386	■																																																															
318	Order REC Supply	0	04-Mar-11	20-Jul-11	418	■																																																															
A2230	Deliver and Install Shelter	10	18-Apr-11	03-May-11	195	■																																																															
A5198	Access for visual inspection for E&M Tram Stop installation (05B	0	01-Apr-11	20-Jul-11	412	■																																																															
A5199	Access for E&M Tram Stop installation (05B South Gyle)	0	03-May-11	20-Jul-11	208	■																																																															
A5200	Install LV Power Supply and LV Power Equipment	25	03-May-11	08-Jun-11	195	■																																																															

Date	Revision	Checked	Approved
01-Sep-09		scs	

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

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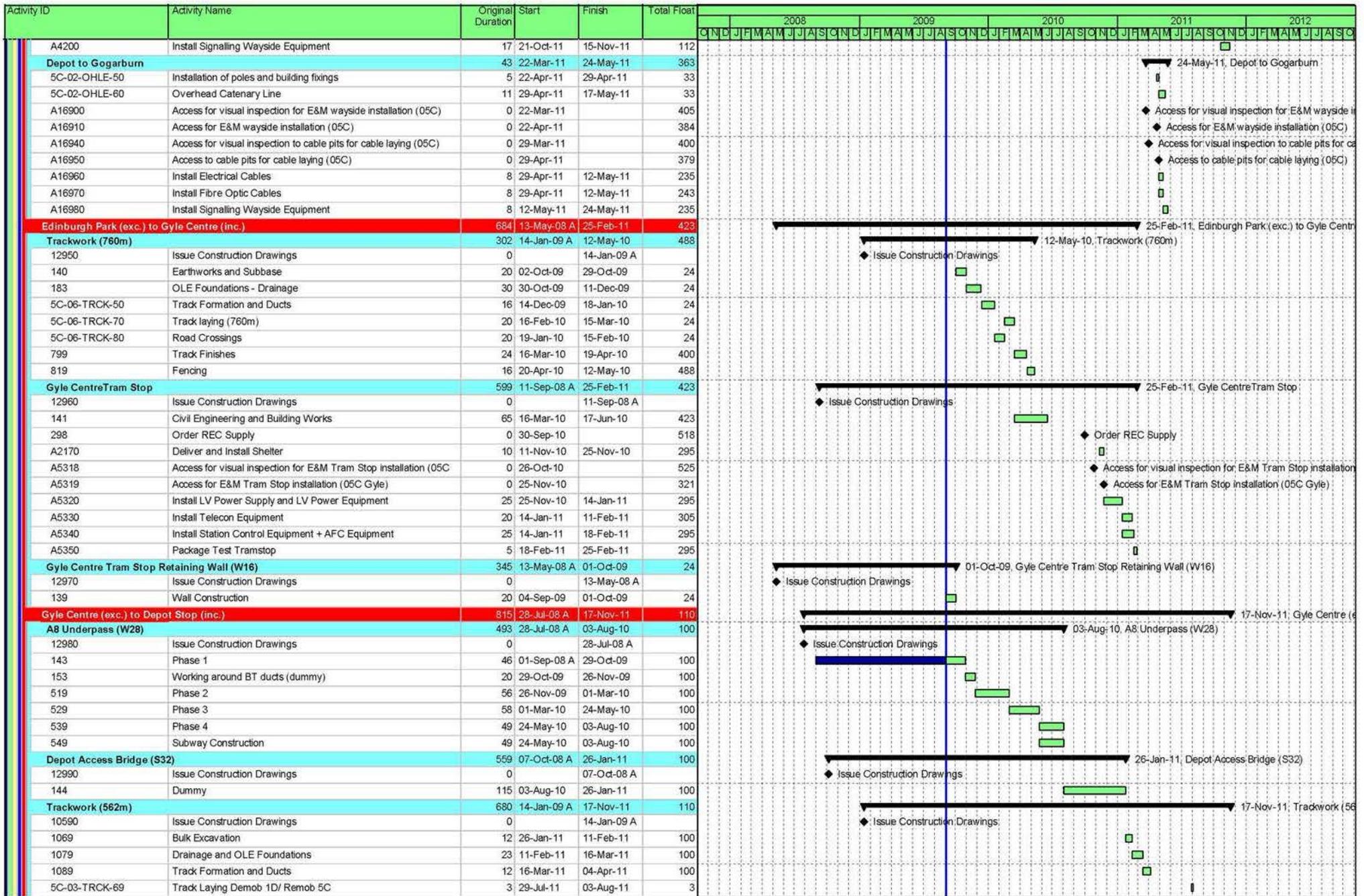


- ◆ Access for visual inspection for E&
- ◆ Access for E&M wayside installa
- ◆ Access for visual inspection to cal
- ◆ Access to cable pits for cable la
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Date	Revision	Checked	Approved
01-Sep-09		scs	

■ Actual Work
 ■ Critical Remaining Work
 ▬ Summary
■ Remaining Work
 ◆ Milestone
▬ Change

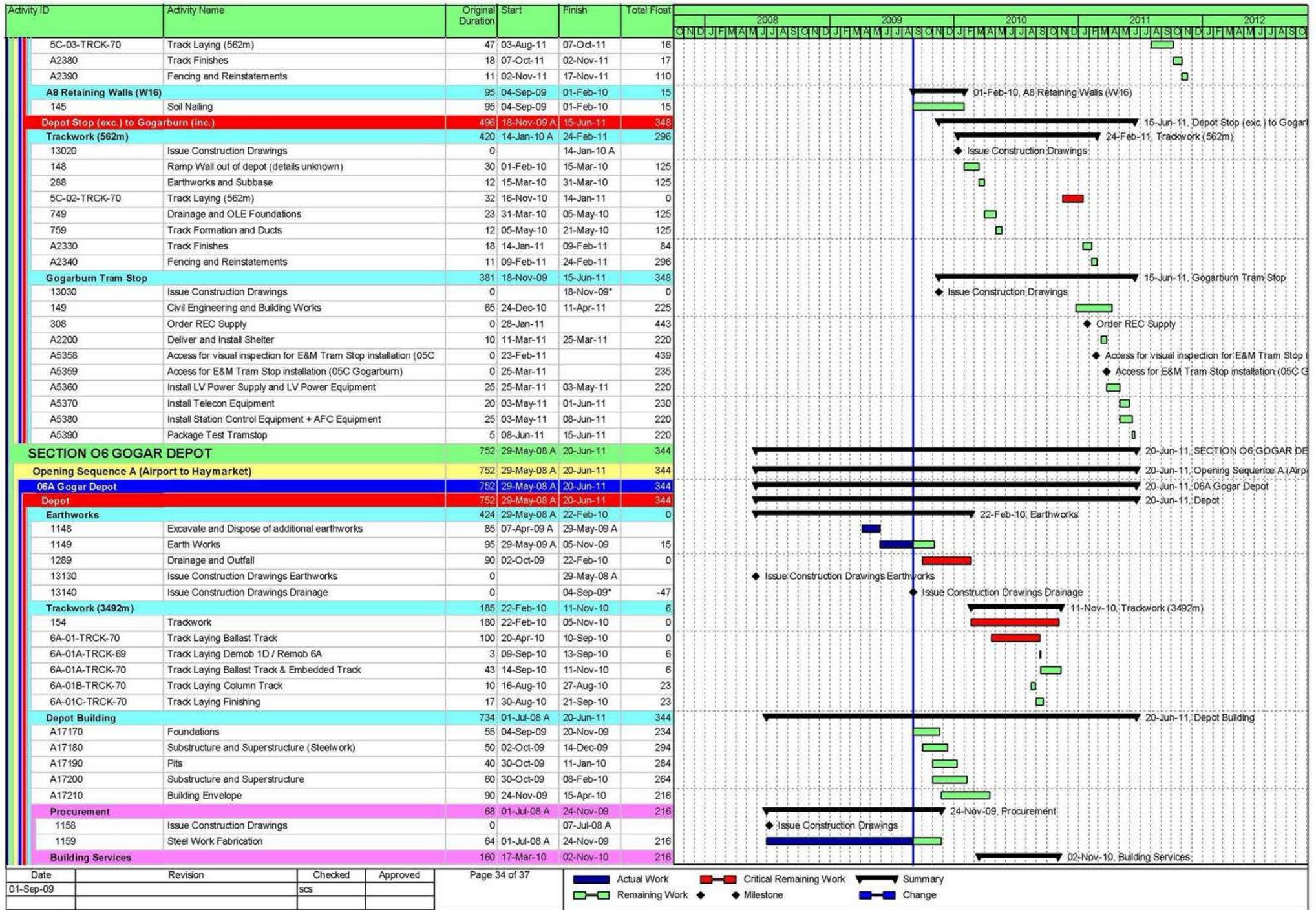
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Date	Revision	Checked	Approved
01-Sep-09		scs	

█ Actual Work
 █ Critical Remaining Work
 Summary
█ Remaining Work
 ◆ Milestone
 Change

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Date	Revision	Checked	Approved
01-Sep-09		scs	

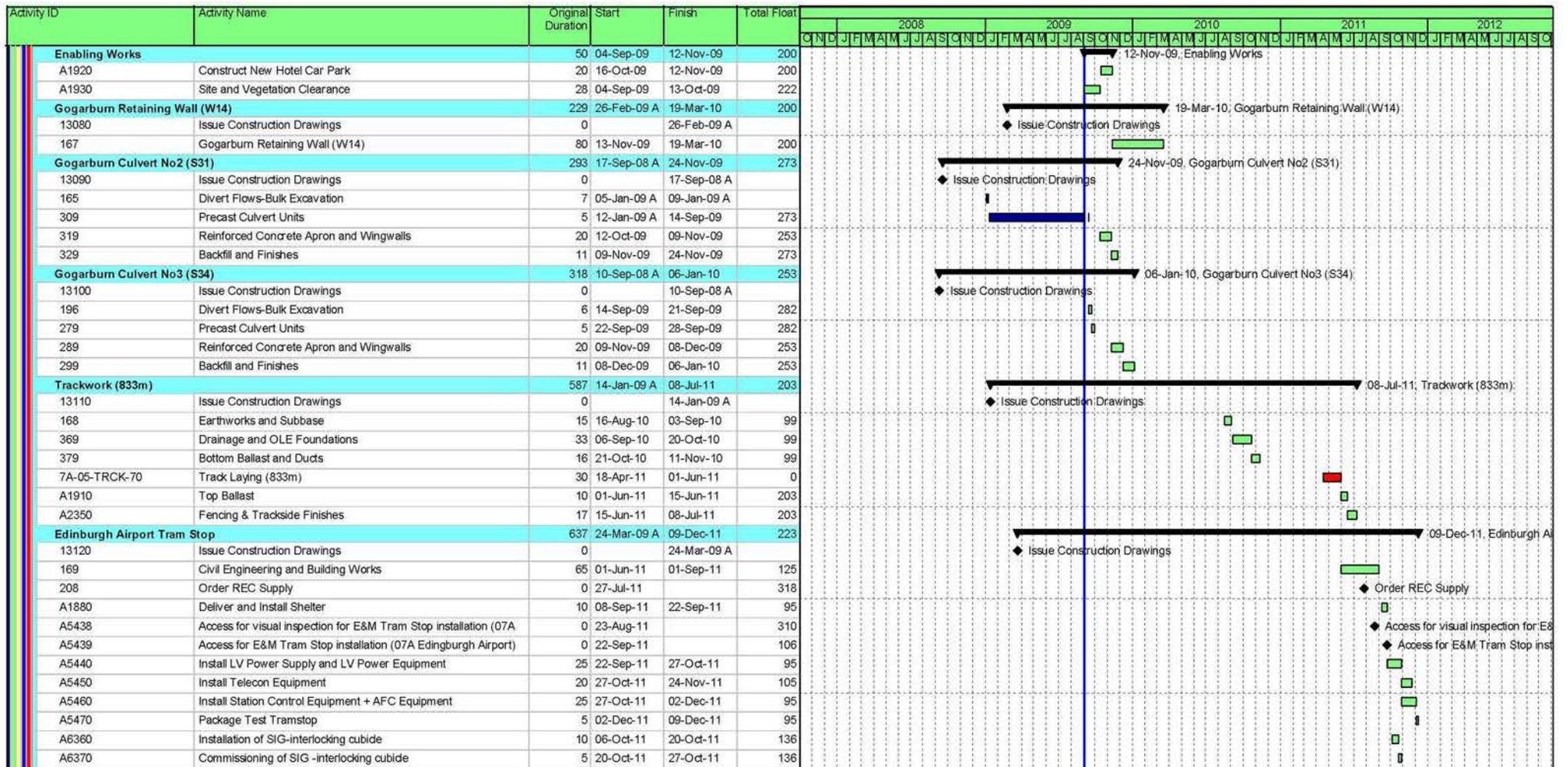
■ Actual Work
 ■ Critical Remaining Work
 → Summary
■ Remaining Work
 ◆ Milestone
■ Change

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2008												2009												2010												2011												2012															
						QNDJFMAMJJJASON			QNDJFMAMJJJASON			QNDJFMAMJJJASON			QNDJFMAMJJJASON			QNDJFMAMJJJASON			QNDJFMAMJJJASON			QNDJFMAMJJJASON			QNDJFMAMJJJASON			QNDJFMAMJJJASON																																							
A4280	Install Signalling Wayside Equipment	25	18-Aug-11	22-Sep-11	145																																																																
Gogarburn (exc.) to Inglishton Park & Ride (inc.)						830	15-May-08 A	26-Sep-11	278																																																												
Gogarburn Underbridge (S29)						458	15-May-08 A	25-Mar-10	98																																																												
13040	Issue Construction Drawings	0		15-May-08 A																																																																	
13041	Treat area of contaminated land (Dummy duration)	130	24-Sep-09	25-Mar-10	102																																																																
159	Temporary Access Roads-Bulk Excavation-Piling Platform	16	13-Oct-08 A	07-Aug-09 A																																																																	
179	East Abutment-Piles and Columns	36	05-Jan-09 A	08-Apr-09 A																																																																	
189	East Abutment-Reinforced Earth	15	02-Mar-09 A	07-Aug-09 A																																																																	
199	East Abutment-Parapets and Run on Slabs	29	12-Nov-09	07-Jan-10	138																																																																
209	West Abutment-Piles and Columns	36	05-Jan-09 A	08-Apr-09 A																																																																	
219	West Abutment-Reinforced Earth	15	02-Mar-09 A	07-Aug-09 A																																																																	
229	West Abutment-Parapets and Run on Slabs	29	04-Dec-09	28-Jan-10	138																																																																
239	Bridge Deck	41	24-Aug-09 A	19-Nov-09	138																																																																
Gogarburn Culvert No1 (S30)						273	17-Sep-08 A	27-Oct-09	195																																																												
13050	Issue Construction Drawings	0		17-Sep-08 A																																																																	
160	Temporary Access Roads-Divert Flows-Bulk Excavation	19	24-Aug-09 A	11-Sep-09	209																																																																
249	Precast Culvert Units	5	24-Aug-09 A	14-Sep-09	195																																																																
259	Reinforced Concrete Apron and Wingwalls	20	14-Sep-09	12-Oct-09	195																																																																
269	Backfill and Finishes	11	12-Oct-09	27-Oct-09	195																																																																
Trackwork (1750m)						587	14-Jan-09 A	08-Jul-11	189																																																												
13060	Issue Construction Drawings	0		14-Jan-09 A																																																																	
162	Earthworks and Subbase	27	26-Mar-10	05-May-10	98																																																																
399	Drainage and OLE Foundations	35	06-May-10	24-Jun-10	98																																																																
409	Bottom Ballast and Ducts	35	25-Jun-10	13-Aug-10	98																																																																
7A-04-TRCK-70	Track Laying (1750m)	65	14-Jan-11	18-Apr-11	0																																																																
A1990	Top Ballast	22	18-Apr-11	19-May-11	189																																																																
A2020	Fencing & Trackside Finishes	35	19-May-11	08-Jul-11	189																																																																
Inglishton Park and Ride Tram Stop						620	25-Feb-09 A	25-Aug-11	298																																																												
13070	Issue Construction Drawings	0		25-Feb-09 A																																																																	
163	Civil Engineering and Building Works	65	21-Jan-11	25-Apr-11	215																																																																
218	Order REC Supply	0	11-Apr-11		393																																																																
A1940	Deliver and Install Shelter	10	24-May-11	08-Jun-11	170																																																																
A5398	Access for visual inspection for E&M Tram Stop installation (07A)	0	09-May-11		387																																																																
A5399	Access for E&M Tram Stop installation (07A Inglishton Park+Ride)	0	08-Jun-11		182																																																																
A5400	Install LV Power Supply and LV Power Equipment	25	08-Jun-11	13-Jul-11	170																																																																
A5410	Install Telecom Equipment	20	13-Jul-11	11-Aug-11	180																																																																
A5420	Install Station Control Equipment + AFC Equipment	25	13-Jul-11	18-Aug-11	170																																																																
A5430	Package Test Tramstop	5	18-Aug-11	25-Aug-11	170																																																																
Inglishton Park and Ride Substation						95	17-Dec-10	17-May-11	368																																																												
216	Order REC supply from Scottish Power	0		17-Dec-10	368																																																																
226	Civil Engineering and Building Works	65	21-Jan-11	25-Apr-11	368																																																																
A1968	Access for visual inspection for E&M Substation installation (07A)	0	24-Mar-11		418																																																																
A1969	Access for E&M Substation installation (07A Inglishton Park and R	0	25-Apr-11		382																																																																
A5980	Power Infeed from Public Net available inc HV cable	0	25-Apr-11		368																																																																
A5990	Install LV Power Supply and LV Power Equipment	15	25-Apr-11	17-May-11	368																																																																
A6000	Installation of TPS Equipment	30	03-Mar-11	15-Apr-11	247																																																																
A6010	Install Telecom and Scada	15	24-Mar-11	15-Apr-11	247																																																																
A6020	Testing and Commissioning	14	15-Apr-11	06-May-11	247																																																																
Enabling Works						28	01-Dec-08 A	07-Oct-09	138																																																												
A2000	Site and Vegetation Clearance	28	01-Dec-08 A	07-Oct-09	138																																																																
Tram						14	06-Sep-11	26-Sep-11	148																																																												
A6380	Track Testing of Tram	20	06-Sep-11	26-Sep-11	221																																																																
Inglishton Park & Ride (exc.) to Edinburgh Airport (inc.)						800	10-Sep-08 A	09-Dec-11	223																																																												

Date	Revision	Checked	Approved
01-Sep-09		scs	

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

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Date	Revision	Checked	Approved
01-Sep-09		scs	

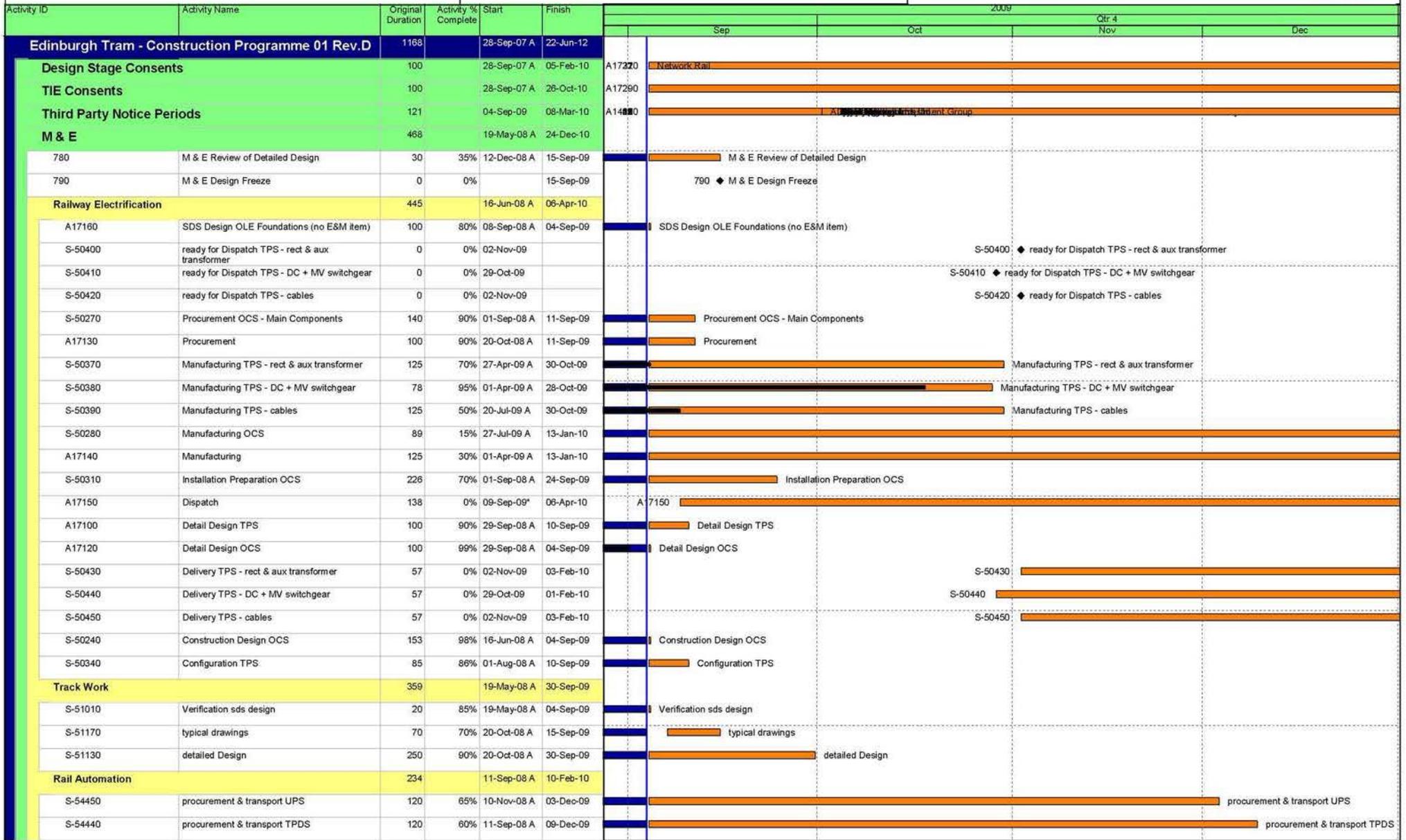


10.3 Look Ahead Programme

Three Month Look Ahead Programme

September 2009 - December 2009

EDINBURGH TRAM NETWORK



Date	Revision	Chec...	Approved
04-Sep-09	Construction Programme Updated V48 & Progress	JAC	

█ Actual Work ◆ Milestone
█ Normal █ % Complete

CEC00624408_0104

Three Month Look Ahead Programme

September 2009 - December 2009

EDINBURGH TRAM NETWORK



Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	2009			
						Sep	Oct	Qtr 4 Nov	Dec
S-54430	procurement & transport PABX	120	50%	10-Nov-08 A	05-Jan-10				
S-54420	procurement & transport fibre optic	120	50%	03-Nov-08 A	26-Jan-10				
S-54400	procurement & transport E&M cubicles	210	50%	03-Nov-08 A	06-Jan-10				
S-54410	procurement & transport radio system	218	65%	24-Nov-08 A	10-Feb-10				
Workshop Equipment		381		19-Sep-08 A	24-Dec-10				
S-53320	transport DWE	120	0%	14-Sep-09*	15-Mar-10				
S-53410	storage for DWE available	0	0%	14-Sep-09*					
S-53310	ordering DWE	170	28%	20-Oct-08 A	25-Jan-10				
S-53220	manufacture DWE	242	0%	09-Mar-09 A	24-Dec-10				
S-53000	detail design DWE	70	91%	19-Sep-08 A	30-Oct-09				detail design DWE
S-53010	Approval detail design DWE	129	50%	24-Oct-08 A	27-Nov-09				Approval detail design DWE
SECTION 01 NEWHAVEN ROAD TO HAYMARKET		1168		28-Sep-07 A	22-Jun-12				
1	SECTION 01 NEWHAVEN ROAD TO HAYMARKET	1731	40.9%	28-Sep-07 A	22-Jun-12				
01A Newhaven Road (inc.) to Foot of the Walk (exc.)		1168		28-Sep-07 A	22-Jun-12				
3	01A Newhaven Road (inc.) to Foot of the Walk (exc.)	1731	40.9%	28-Sep-07 A	22-Jun-12				
Design Stage Consents		479		28-Sep-07 A	04-Sep-09				
B01310	Issue Construction Drawings - Ductwork	1	0%	04-Sep-09*	04-Sep-09	B01310			Issue Construction Drawings - Ductwork
A17280	Forth Ports Agreement	100	99%	28-Sep-07 A	04-Sep-09				Forth Ports Agreement
MUDFA & Utilities Completion Dates		61		04-Sep-09	01-Dec-09				
Newhaven Road (inc.) to Ocean Terminal (exc.)		750		30-Sep-08 A	17-Oct-11				
4	Newhaven Road (inc.) to Ocean Terminal (exc.)	1112	30.42%	30-Sep-08 A	17-Oct-11				
Design		0		17-Sep-09	17-Sep-09				
B01100	Lindsay Rd RW1 Ch.100-170 - Change - CEC comment	0	0%	17-Sep-09	17-Sep-09				B01100 ◆ Lindsay Rd RW1 Ch.100-170 - Change - CEC comment
Lindsay Road Retaining Walls (W1)		301		04-Sep-09	19-Nov-10				
WBSSum001	Lindsay Road Retaining Walls (W1) (WBSSummary)	442	0%	04-Sep-09	19-Nov-10	Sum001			
A20440	Agreement of Change	25	0%	04-Sep-09*	08-Oct-09	A20440			Agreement of Change
Wall A Construction		100		04-Sep-09	05-Feb-10				
12330	Permanent Diversion of Services (by Others)	100	0%	04-Sep-09*	05-Feb-10	12330			
Ocean Terminal (inc.) to Port of Leith (exc.)		855		11-Nov-08 A	08-Jun-12				
9	Ocean Terminal (inc.) to Ocean Drive (exc.)	1274	20.81%	11-Nov-08 A	08-Jun-12				
Design		67		04-Sep-09	08-Dec-09				
B01010	Scottish Water - Outfall Consent	0	0%	04-Sep-09*	04-Sep-09*	B01010			Scottish Water - Outfall Consent
12020	Issue Construction Drawings - Trackwork	0	0%	07-Dec-09*	07-Dec-09*				12020 ◆ Issue Construction Drawings - Track
12010	Issue Construction Drawings - Roadwork	0	0%	07-Dec-09*	07-Dec-09*				12010 ◆ Issue Construction Drawings - Road
12050	Issue Construction Drawings - Ocean Terminal Tramstop	0	0%	07-Dec-09*	07-Dec-09*				12050 ◆ Issue Construction Drawings - Ocea

Date	Revision	Chc...	Approved
04-Sep-09	Construction Programme Updated V48 & Progress	JAC	

█ Actual Work ◆ Milestone
█ Normal █ % Complete

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Three Month Look Ahead Programme

September 2009 - December 2009

EDINBURGH TRAM NETWORK



Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	2009			
						Sep	Oct	Nov	Dec
B01330	Issue Construction Details - Victoria Bridge Trackform	0	0%	27-Nov-09*					B01330 ♦ Issue Construction Details - Victoria Bridge Trackform
B01320	Issue Construction Details - Tower Place Bridge Trackform	0	0%	08-Dec-09*					B01320 ♦ Issue Construction Details - Tower Place Bridge Trackform
12340	Construction Consent Granted - Roadwork	1	0%	04-Dec-09	04-Dec-09*				12340 ■ Construction Consent Granted - Roadwork
Tower Place Bridge (S17)		327		04-Sep-09	11-Jan-11				
A20040	Agreement of Change	2	0%	04-Sep-09	07-Sep-09*	A20040	Agreement of Change		
S17 Works		307		02-Oct-09	11-Jan-11				
WBSSum003	Tower Place Bridge (S17) (WBSS Summary)	467	0%	02-Oct-09	11-Jan-11	WBSSum003	WBSSum003		
A16060	Temporary Platforms and Demolition	60	0%	02-Oct-09*	08-Jan-10	A16060	A16060		
Trackwork		2		04-Sep-09	07-Sep-09				
A20430	Agreement of Change	2	0%	04-Sep-09	07-Sep-09*	A20430	Agreement of Change		
Port of Leith (inc.) to Bernard Street (exc.)		481		03-Feb-09 A	26-May-11				
15	Ocean Drive (inc.) to Constitution Street (exc.)	713	56.83%	03-Feb-09 A	26-May-11				
Bernard Street (inc.) to Foot of the Walk (exc.)		659		16-Feb-09 A	24-Jan-12				
18	Constitution Street (inc.) to Foot of the Walk (exc.)	984	54.47%	16-Feb-09 A	24-Jan-12				
01B Foot of the Walk (inc.) to McDonald Road (exc.)		905		15-Jul-08 A	26-Mar-12				
A20050	Agreement of Change (Trackform)	46	0%	04-Sep-09	08-Nov-09*	A20050	Agreement of Change (Trackform)		
21	01B Foot of the Walk (inc.) to McDonald Road (exc.)	1347	30.6%	15-Jul-08 A	26-Mar-12				
MUDFA & Utilities Completion Dates		0		04-Sep-09	04-Sep-09	428800	MUDFA & Utilities - 04-Sep-09 to 04-Sep-09		
Foot of the walk (inc.) to Balfour Street (exc.)		728		01-Oct-08 A	12-Sep-11				
22	Foot of the walk (inc.) to Balfour Street (exc.)	1078	31.53%	01-Oct-08 A	12-Sep-11				
Design		149		10-Mar-09 A	18-Dec-09				
B01270	Works in Leith Walk suspended until access issues resolved	121	38.02%	10-Mar-09 A	18-Dec-09				Works in Leith Walk
B01340	Issue Construction Details - Leith Walk Rail Bridge Trackform	0	0%		20-Oct-09*				B01340 ♦ Issue Construction Details - Leith Walk Rail Bridge Trackform
Roadwork		45		30-Oct-08 A	08-Jan-10				
Leith Walk Ch.100-350		45		30-Oct-08 A	08-Jan-10				
Northbound		45		30-Oct-08 A	08-Jan-10				
A12420	Surface New Carriageway	5	15%	01-Dec-08 A	08-Jan-10				
A12400	Reset Gullies & Inspection Chambers	5	100%	17-Nov-08 A	04-Jan-10				
B25030	Footpath Works	12	95%	17-Nov-08 A	05-Jan-10				
A12390	Construct Kerb lines	12	95%	30-Oct-08 A	04-Jan-10				
Balfour Street (inc.) to McDonald Road (exc.)		788		15-Jul-08 A	28-Sep-11				
25	Balfour Street (inc.) to McDonald Road (exc.)	1167	45.77%	15-Jul-08 A	28-Sep-11				
01C McDonald Road (inc.) to Princess Street West (exc.)		934		01-Sep-08 A	15-Jun-12				
A20080	Agreement of Change (Roadworks & Trackform)	75	0%	04-Sep-09*	18-Dec-09	A20080	Agreement of Change		
29	01C McDonald Road (inc.) to Princess Street West (exc.)	1383	26.55%	01-Sep-08 A	15-Jun-12				

Date	Revision	Chc...	Approved
04-Sep-09	Construction Programme Updated V48 & Progress	JAC	

■ Actual Work ♦ Milestone
■ Normal ■ % Complete

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Three Month Look Ahead Programme

September 2009 - December 2009

EDINBURGH TRAM NETWORK



Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	2009					
						Sep	Oct	Nov	Dec		
MUDFA & Utilities Completion Dates						0	04-Sep-09	04-Sep-09	MUDFA & Utilities - Bauldrie Road / Shandwick Place - Anticipated MUDFA Completion		
McDonald Road (inc.) to Picardy Place (exc.)						849	01-Sep-08 A	17-Feb-12			
30	McDonald Road (inc.) to Picardy Place (exc.)	1264	31.02%	01-Sep-08 A	17-Feb-12						
Design						0	29-Sep-09	29-Sep-09			
12190	Issue Construction Drawings - Trackwork	0	0%	29-Sep-09*	29-Sep-09*	12190 ◆ Issue Construction Drawings - Trackwork					
12200	Issue Construction Drawings - Roadwork	0	0%	29-Sep-09*	29-Sep-09*	12200 ◆ Issue Construction Drawings - Roadwork					
Picardy Place (inc.) to St. Andrews Square (exc.)						830	06-Feb-09 A	15-Jun-12			
33	Picardy Place (inc.) to St. Andrews Square (exc.)	1225	17.06%	06-Feb-09 A	15-Jun-12						
Design						7	04-Sep-09	15-Sep-09			
12210	Issue Construction Drawings - Trackwork	0	0%	04-Sep-09*	04-Sep-09*	12210 ◆ Issue Construction Drawings - Trackwork					
12230	Issue Construction Drawings - Roadwork	0	0%	04-Sep-09*	04-Sep-09*	12230 ◆ Issue Construction Drawings - Roadwork					
12220	Issue Construction Drawings - Picardy Place Tramstop	0	0%	15-Sep-09*	15-Sep-09*	12220 ◆ Issue Construction Drawings - Picardy Place Tramstop					
St. Andrews Square (inc.) to Princes Street West (exc.)						830	12-Dec-08 A	15-Jun-12			
46	St. Andrews Square (inc.) to Princess Street West (exc.)	1225	17.31%	12-Dec-08 A	15-Jun-12						
Roadwork						74	20-Oct-09	16-Feb-10			
St Andrews Square to Waverley Bridge Ch 1000-1360						74	20-Oct-09	16-Feb-10			
A13520	Dummy	60	0%	20-Oct-09	16-Feb-10	A13520					
Trackwork						74	20-Oct-09	16-Feb-10			
St Andrews Square to Waverley Bridge Ch 1000-1360						74	20-Oct-09	16-Feb-10			
A16840	Excavate, lay and concrete ducts	22	0%	12-Nov-09	18-Jan-10	A16840					
A16830	Excavate box	15	0%	22-Oct-09	12-Nov-09	A16830 Excavate box					
A16820	Establish Traffic Management & Temp. Fencing	2	0%	20-Oct-09	22-Oct-09	A16820 Establish Traffic Management & Temp. Fencing					
A13530	Dummy	60	0%	20-Oct-09	16-Feb-10	A13530					
St Andrews Square Tram Stop						79	20-Oct-09	23-Feb-10			
620	Civil Engineering And Building Works	65	0%	20-Oct-09	23-Feb-10	620					
Princes Street West Tram Stop						78	07-Sep-09	08-Jan-10			
630	Civil Engineering And Building Works	65	0%	07-Sep-09*	08-Jan-10	630					
01D Princes Street (inc.) to Haymarket (exc.)						772	24-Nov-08 A	30-Jan-12			
A20070	Agreement of Change (Haymarket)	30	30%	15-May-09 A	24-Sep-09*	A20070 Agreement of Change (Haymarket)					
39	01D Princess Street (inc.) to Haymarket (exc.)	1159	24.16%	24-Nov-08 A	30-Jan-12						
MUDFA & Utilities Completion Dates						60	04-Sep-09	27-Nov-09	MUDFA & Utilities - Bauldrie Road / Shandwick Place - Anticipated MUDFA Completion		
Princes Street West (inc.) to Shadwick Place (exc.)						510	24-Nov-08 A	10-Jan-11	B01171 Haymarket / Manor Place - Anticipated MUDFA Completion		
40	Princes Street West (inc.) to Shadwick Place (exc.)	770	35.84%	24-Nov-08 A	10-Jan-11						
Roadwork						314	23-Mar-09 A	27-Nov-09			
Princes Street Ch 380-0,1980-1360						314	23-Mar-09 A	27-Nov-09			

Date	Revision	Chec...	Approved
04-Sep-09	Construction Programme Updated V48 & Progress	JAC	

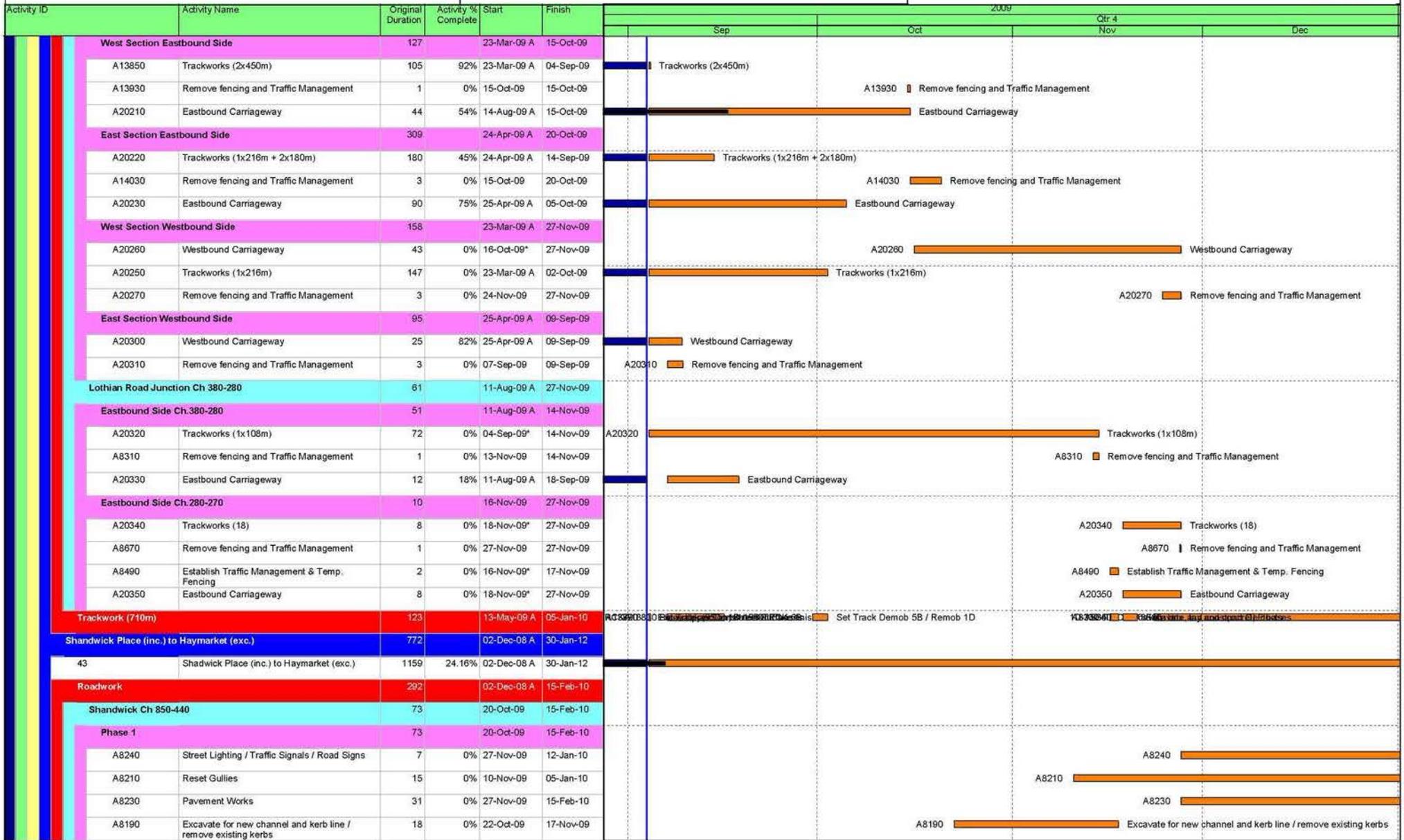
█ Actual Work ◆ Milestone
█ Normal █ % Complete

CEC00624408_0107

Three Month Look Ahead Programme

September 2009 - December 2009

EDINBURGH TRAM NETWORK



Date	Revision	Chc...	Approved
04-Sep-09	Construction Programme Updated V48 & Progress	JAC	

█ Actual Work ◆ Milestone
█ Normal █ % Complete

CEC00624408_0108

Three Month Look Ahead Programme

September 2009 - December 2009

EDINBURGH TRAM NETWORK



Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	2009			
						Sep	Oct	Nov	Dec
A8180	Establish Traffic Management & Temp. Fencing	2	0%	20-Oct-09	22-Oct-09				
A8200	Construct Kerb lines	23	0%	27-Oct-09	27-Nov-09				
Haymarket Ch 1250-1125									
Phase 1									
B25270	Preparation for Haymarket	20	100%	02-Dec-08 A	04-Sep-09				
SECTION 2 HAYMARKET CORRIDOR									
56	SECTION 2 HAYMARKET CORRIDOR	1192	43.71%	31-Mar-08 A	07-Jul-11				
02A Haymarket Corridor									
48	02A Haymarket Corridor	1192	43.71%	31-Mar-08 A	07-Jul-11				
MUDFA & Utilities Completion Dates									
Haymarket (inc.) to Roseburn Junction (inc.)									
49	Haymarket (inc.) to Roseburn Junction (inc.)	1192	43.71%	31-Mar-08 A	07-Jul-11				
A20450	Agreement of Change	6	0%	04-Sep-09	11-Sep-09*				
Design									
B01430	Issue Construction Drawings - Ductwork	1	0%	04-Sep-09*	04-Sep-09				
B01350	Issue Construction Details - Russell Road Bridge Trackform	0	0%		29-Oct-09*				
B01360	Issue Construction Details - Haymarket Viaduct Trackform	0	0%		09-Oct-09*				
Haymarket Station Viaduct (S19)									
WBSSUM004	Haymarket Station Viaduct (S19) (WBS Summary)	569	66.61%	31-Mar-08 A	04-Jun-10				
S19 Substructure									
560	West Abutment	40	0%	14-Sep-09	06-Nov-09				
508	Pier 4	30	75%	11-Nov-08 A	04-Nov-09				
192	Pier 1	30	0%	14-Sep-09*	23-Oct-09				
1139	East Abutment	40	30%	01-Sep-08 A	15-Dec-09				
S19 Superstructure									
570	Superstructure	95	0%	16-Dec-09*	13-May-10				
Trackwork (1135m)									
B25280	Site Clearance	8	0%	26-Oct-09*	04-Nov-09				
1109	OLE Foundations - Drainage	23	0%	02-Dec-09	15-Jan-10				
1099	Bulk Excavation - Sub Base	18	0%	05-Nov-09	01-Dec-09				
SECTION 05 ROSEBURN JUNCTION TO GOGAR									
99	SECTION 05 ROSEBURN JUNCTION TO GOGAR	1484	35.32%	31-Oct-07 A	20-Apr-12				
05A Roseburn Junction (exc.) to Balgreen Road (inc.)									
B01440	Issue Construction Drawings - Ductwork	1	0%	04-Sep-09*	04-Sep-09				
126	05A Roseburn Junction (exc.) to Balgreen Road (inc.)	1362	29.81%	18-Jul-08 A	16-Apr-12				

Date	Revision	Chec...	Approved
04-Sep-09	Construction Programme Updated V48 & Progress	JAC	

█ Actual Work ◆ Milestone
█ Normal █ % Complete

CEC00624408_0109

Three Month Look Ahead Programme

September 2009 - December 2009

EDINBURGH TRAM NETWORK



Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	2009				
						Sep	Oct	Nov	Dec	
MUDFA & Utilities Completion Dates						230	MUDFA & Utilities - Area 5			
Roseburn Junction (exc.) to Murrayfield Stadium (inc.)										
102	Roseburn Junction (exc.) to Murrayfield (inc.)	1349	29.14%	18-Jul-08 A	16-Apr-12					
Design										
B20270	W3 Re-design - proximity of existing sewer	0	0%	04-Sep-09*		B20270	W3 Re-design - proximity of existing sewer			
B11000	Murrayfield Accommodation Works Design	70	50%	16-Feb-09 A	26-Jan-10					
10740	Issue Construction Drawings - W18 Tram Stop Retaining Wall	0	0%		26-Oct-09*			10740	◆ Issue Construction Drawings - W18 Tram Stop Retaining Wall	
10460	Issue Construction Drawings - Murrayfield Stadium Tramstop	0	0%		04-Sep-09*	10460	◆ Issue Construction Drawings - Murrayfield Stadium Tramstop			
B01300	Design for Soil Nailing	10	70%	08-Apr-09 A	08-Sep-09				Design for Soil Nailing	
Russel Road Underbridge (S20)										
WBSSum005	Russel Road Underbridge (S20) (WBS Summary)	532	21.06%	15-May-09 A	28-Oct-10					
S20 Documentation										
B20210	WPP and Form C to Client and NR	0	0%	13-Nov-09					B20210 ◆ WPP and Form C to Client and NR	
B20220	NR Form C Approval	35	0%	13-Nov-09*	15-Jan-10				B20220	
S20 Establishment / Demolition / Site Clearance										
A20100	Agreement of Change (RR Walls)	40	0%	15-May-09 A	29-Oct-09*				Agreement of Change (RR Walls)	
S20 Substructure										
A20090	Trial Soil Nailing	10	0%	30-Oct-09*	12-Nov-09			A20090	Trial Soil Nailing	
Russell Road Retaining Walls (W3 and W4)										
WBSSum006	Russell Road Retaining Walls (W3 & W4)	613	47.48%	17-Nov-08 A	22-Jul-10					
A20110	Agreement of Change	30	40%	17-Apr-09 A	06-Nov-09*				Agreement of Change	
Demolition / Site Clearance										
250	Demolish Existing Buildings	20	0%	19-Oct-09	13-Nov-09			250	Demolish Existing Buildings	
Wall 3 Construction										
107	Site Clearance	10	50%	17-Nov-08 A	13-Nov-09				Site Clearance	
Wall 4 Construction										
B25320	Temporary Access Road	15	0%	06-Nov-09*	27-Nov-09			B25320	Temporary Access Road	
B25310	Site Clearance	10	50%	17-Nov-08 A	13-Nov-09				Site Clearance	
B25330	Pile Caps	15	0%	01-Dec-09	04-Jan-10				B25330	
Murrayfield Tram Stop Retaining Wall (W18)										
WBSSum007	Murrayfield Tramstop Retaining Wall (W18) (WBS Summary)	524	20.61%	24-Nov-08 A	25-Oct-10					
B25309	Agreement of Change	35	0%	04-Sep-09	08-Oct-09	B25309	Agreement of Change			
Foundations										
182	Foundations	15	0%	23-Nov-09	15-Dec-09			182	Foundations	
Wall 18 Construction										

Date	Revision	Chec...	Approved
04-Sep-09	Construction Programme Updated V48 & Progress	JAC	

█ Actual Work ◆ Milestone
█ Normal █ % Complete

CEC00624408_0110

Three Month Look Ahead Programme

September 2009 - December 2009

EDINBURGH TRAM NETWORK



Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	2009				
						Sep	Oct	Nov	Dec	
108	Site Clearance	20	20%	24-Nov-08 A	16-Dec-09					
217	Reinforced Earth Wall	130	0%	08-Dec-09	25-Jun-10					217
Murrayfield Stadium (exc.) to Balgreen Road (inc.)		913		24-Jul-08 A	11-Apr-12					
136	Murrayfield (exc.) to Balgreen Road (inc.)	1357	29.92%	24-Jul-08 A	11-Apr-12					
A20380	Agreement of Change	40	0%	04-Sep-09	29-Oct-09*	A20380				
Design		321		01-Sep-08 A	09-Nov-09					
B20280	Temporary Works Design - S21C Underpass	65	0%	01-Sep-08 A	17-Sep-09		B20280			
B20320	SDS Re-Design (Ground Improvement) - S21D	65	0%	01-Oct-08 A	01-Oct-09			B20320		
10780	Re-design - S21E Water of Leith Bridge	50	66%	02-Mar-09 A	28-Sep-09				10780	
B01370	Issue Construction Drawings Balgreen Road Bridge - Trackwork	0	0%		29-Sep-09*					B01370
10750	Issue Construction Drawings - S21A Roseburn St Viaduct	0	0%		09-Nov-09*					10750
B01460	Issue Construction Details - S22B Balgreen Rd NR Access Bridge	0	0%		04-Sep-09*					B01460
B01450	Issue Construction Details - S22A Balgreen Rd Tram Bridge Trackform	0	0%		09-Nov-09*					B01450
Baird Drive Retaining Walls (W8)		160		01-Sep-09 A	28-Apr-10					
WBSSum008	Baird Drive Retaining Walls (W8) (WBS Summary)	240	1.25%	01-Sep-09 A	28-Apr-10					008
B25319	Agreement of Change	98	0%	04-Sep-09	10-Dec-09					B25319
Foundations		10		01-Sep-09 A	05-Jan-10					
114	Site Clearance	10	20%	01-Sep-09 A	05-Jan-10					114
Roseburn Street Viaduct (S21A)		750		01-Sep-08 A	15-Sep-11					
WBSSum010	Roseburn Street Viaduct (S21A) (WBS Summary)	1110	69.1%	01-Sep-08 A	15-Sep-11					
Murrayfield Retaining Walls (S21B)		468		14-Oct-08 A	09-Sep-10					
110	Site Clearance	20	65%	14-Oct-08 A	16-Mar-10					110
B11100	Murrayfield Stadium Building Works	0	0%	14-Sep-09*	14-Sep-09					B11100
WBSSum011	Murrayfield Retaining Walls (S21B) (WBS Summary)	695	46.76%	14-Oct-08 A	09-Sep-10					
B25329	Agreement of Change	8	0%	04-Sep-09	11-Sep-09					B25329
Murrayfield Stadium Underpass (S21C)		160		04-Sep-09	04-May-10					
WBSSum012	Murrayfield Stadium Underpass (S21C) (WBS Summary)	243	0%	04-Sep-09	04-May-10					Sum012
S21C Establishment / Demolition / Site Clearance		30		13-Nov-09	08-Jan-10					
187	Temporary Works - Demolition	20	0%	27-Nov-09*	08-Jan-10					187
112	Site Clearance	10	0%	13-Nov-09*	26-Nov-09					112
S21C Documentation		52		04-Sep-09	16-Nov-09					
B20290	WPP and Form C to Client and NR	1	0%	18-Sep-09	18-Sep-09					B20290
B20300	NR Form C Approval Period	35	0%	21-Sep-09	06-Nov-09					B20300
B20310	Clearance to Commence Works adjacent to railway	1	0%	16-Nov-09	16-Nov-09					B20310
B25339	Agreement of Change	73	0%	04-Sep-09	15-Nov-09					B25339

Date	Revision	Chc...	Approved
04-Sep-09	Construction Programme Updated V48 & Progress	JAC	

█ Actual Work ◆ Milestone
█ Normal █ % Complete

CEC00624408_0111

Three Month Look Ahead Programme

September 2009 - December 2009

EDINBURGH TRAM NETWORK



Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	2009			
						Sep	Oct	Nov	Dec
05B Balgreen Road (exc.) to Edinburgh Park Central (inc.)									
B01470	Issue Construction Drawings - Ductwork	1	0%	04-Sep-09*	04-Sep-09	B01470	Issue Construction Drawings - Ductwork		
118	05B Balgreen Road (exc.) to Edinburgh Park (inc.)	1388	37.76%	31-Oct-07 A	16-Jan-12				
MUDFA & Utilities Completion Dates						680239	MUDFA & Utilities - Edinburgh Park Tram Stop to South Gyle Tram Stop		
Balgreen Road (exc.) to Saughton Road North (inc.)									
119	Balgreen Road (exc.) to Saughton Road North (inc.)	1311	34.1%	13-Jun-08 A	16-Jan-12				
Design									
B01380	Issue Construction Details - Carrick Knowe Bridge Trackform	0	0%		30-Sep-09*		B01380	Issue Construction Details - Carrick Knowe Bridge Trackform	
Carrickknowe Bridge (S23)									
A20290	Procurement of PC Beams - on hold pending re-design/change	0	0%	04-Sep-09	04-Sep-09	A20290	Procurement of PC Beams - on hold pending re-design/change		
WBSSum015	Carrick Knowe Bridge (S23) (WBS Summary)	632	0%	18-Aug-08 A	14-Jul-10				
A20120	Agreement of Change	36	0%	04-Sep-09	23-Oct-09	A20120	Agreement of Change		
S23 Planned Rail Possessions									
B20150	Wed 10 Jun - Thurs 11 Jun	1	100%	10-Jun-09 A	04-Sep-09		Wed 10 Jun - Thurs 11 Jun		
B20160	(All Suns 00:30 - 08:30)	1	0%	04-Sep-09	04-Sep-09	B20160	(All Suns 00:30 - 08:30)		
S23 Substructure									
B20361	South Abutment	110	5%	02-Mar-09 A	27-Apr-10			B20361	
B20351	North Abutment	110	0%	23-Nov-09*	12-May-10			B20351	
Trackwork (1690m)									
Ballasted Track 1160m									
1534	OLE Foundations - Drainage	23	0%	02-Oct-09	03-Nov-09		1534	OLE Foundations - Drainage	
1533	Earthworks - Subbase	20	0%	01-Jun-09 A	01-Oct-09		1533	Earthworks - Subbase	
1609	Bottom Ballast - Ducts	23	0%	04-Nov-09	07-Dec-09		1609	Bottom Ballast - Ducts	
Concrete Slab Track 590m									
1543	Trackwork	34	0%	11-Sep-09	28-Oct-09		1543	Trackwork	
5B-10C-TRCK-69	Track laying Demob 1A / Remob 5B	3	0%	25-Sep-09	29-Sep-09		5B-10C-TRCK-69	Track laying Demob 1A / Remob 5B	
5B-10C-TRCK-70	Track laying	26	0%	30-Sep-09	04-Nov-09		5B-10C-TRCK-70	Track laying	
1544	OLE Foundations - Drainage - Ducts	24	0%	07-Sep-09*	08-Oct-09		1544	OLE Foundations - Drainage - Ducts	
1679	Fencing & Finishes	12	0%	05-Nov-09	20-Nov-09		1679	Fencing & Finishes	
Saughton Road North Tram Stop									
123	Civil Engineering and Building Works	65	0%	05-Nov-09	18-Feb-10		123		
Saughton Road North (exc.) to Bankhead (inc.)									
124	Saughton road North (exc.) to South Gyle Access (inc.)	824	35.69%	11-Jul-08 A	16-Sep-11				
Design									
13240	W11 - Re-design	30	50%	01-Jun-09 A	25-Sep-09*		13240	W11 - Re-design	

Date	Revision	Chec...	Approved
04-Sep-09	Construction Programme Updated V48 & Progress	JAC	

█ Actual Work ◆ Milestone
█ Normal █ % Complete

CEC00624408_0112

Three Month Look Ahead Programme

September 2009 - December 2009

EDINBURGH TRAM NETWORK



Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	2009				
						Sep	Oct	Nov	Dec	
B20340	S26 "On Hold" awaiting TIE decision on design	0	0%	04-Sep-09*		B20340	▶ S26 "On Hold" awaiting TIE decision on design			
12880	Issue Construction Drawings - S26	0	0%	04-Sep-09*		12880	▶ Issue Construction Drawings - S26			
B01390	Issue Construction Details - South Gyle Access Bridge Trackform	0	0%	18-Nov-09*					B01390	◆ Issue Construction Details - South Gyle Access Bridge Trackform
Bankhead Retaining Wall (W11)		20		23-Oct-09	20-Nov-09					
WBSSum016	Bankhead Retaining Wall (W11) (WBS Summary)	28	0%	23-Oct-09	20-Nov-09			WBSSum016		Bankhead Retaining Wall (W11) (WBS Summary)
Wall 11 Construction		20		23-Oct-09	20-Nov-09					
127	Retaining Wall Construction	20	0%	23-Oct-09	20-Nov-09			127		Retaining Wall Construction
South Gyle Access Bridge (S26)		158		04-Sep-09	30-Apr-10					
WBSSum017	South Gyle Access Bridge (S26) (WBS Summary)	238	0%	04-Sep-09	30-Apr-10	Sum017				
A20390	Agreement of Change	6	0%	04-Sep-09	11-Sep-09*	A20390				Agreement of Change
S26 Substructure		83		02-Oct-09	11-Feb-10					
156	Substructure	83	0%	02-Oct-09	11-Feb-10			156		
Trackwork (1260m)		40		04-Sep-09	29-Oct-09					
510	OLE Foundations - Drainage - Ducts	28	0%	22-Sep-09	29-Oct-09			510		OLE Foundations - Drainage - Ducts
223	Earthworks and Subbase	12	0%	04-Sep-09*	21-Sep-09	223				Earthworks and Subbase
Bankhead (exc.) to Edinburgh Park Station (inc.)		760		11-Jul-08 A	15-Aug-11					
130	South Gyle Access (exc.) to Edinburgh Park Station (inc.)	805	37.15%	11-Jul-08 A	15-Aug-11					
A20420	Agreement of Change	40	0%	04-Sep-09	29-Oct-09*	A20420				Agreement of Change
Trackwork (790m)		313		14-Oct-08 A	28-Jan-10					
58-08-TRCK-70	Track laying (790m)	20	0%	17-Dec-09	28-Jan-10					58-08-TRCK-70
500	OLE Foundations - Drainage	32	0%	09-Oct-09	24-Nov-09			500		OLE Foundations - Drainage
213	Earthworks and Subbase	15	0%	14-Oct-08 A	09-Oct-09					Earthworks and Subbase
859	Ducts and Bottom Ballast	16	0%	24-Nov-09	17-Dec-09				859	Ducts and Bottom B
Edinburgh Park Station (exc.) to Edinburgh Park Central (inc.)		907		31-Oct-07 A	25-Nov-11					
133	Edinburgh Park Station (exc.) to Edinburgh Park (inc.)	1336	39.23%	31-Oct-07 A	25-Nov-11					
Design		7		04-Sep-09	14-Sep-09					
B01210	Scottish Water - Outfall Consent	0	0%	04-Sep-09*		B01210	▶ Scottish Water - Outfall Consent			
B01420	Issue Construction Details - Edinburgh Park Bridge Trackform	0	0%	14-Sep-09*					B01420	◆ Issue Construction Details - Edinburgh Park Bridge Trackform
Edinburgh Park Station Bridge (S27)		530		31-Oct-07 A	21-May-10					
WBSSum018	Edinburgh Park Station Bridge (S27) (WBS Summary)	784	66.88%	31-Oct-07 A	21-May-10					
S27 Planned Rail Possessions		1		04-Sep-09	04-Sep-09					
B20090	(All Sns 00:30 - 08:30)	1	0%	04-Sep-09	04-Sep-09	B20090	(All Sns 00:30 - 08:30)			
S27 Superstructure		151		08-Apr-09 A	01-Feb-10					
B20110	Superstructure	151	50%	08-Apr-09 A	01-Feb-10					
S27 Finishes		410		03-Nov-08 A	17-Nov-09					

Date	Revision	Chc...	Approved
04-Sep-09	Construction Programme Updated V48 & Progress	JAC	

█ Actual Work ◆ Milestone
█ Normal █ % Complete

CEC00624408_0113

Three Month Look Ahead Programme

September 2009 - December 2009

EDINBURGH TRAM NETWORK



Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	2009			
						Sep	Oct	Nov	Dec
13450	South Approach Ramp	53	0%	04-Sep-09	17-Nov-09	13450 South Approach Ramp			
13440	North Approach Ramp	53	10%	03-Nov-08 A	17-Nov-09	13440 North Approach Ramp			
Trackwork (854m)		550		15-Sep-08 A	24-Feb-11				
829	Track Formation - Ducts	16	0%	11-Dec-09	18-Jan-10	829			
490	OLE Foundations - Drainage	19	0%	13-Nov-09	11-Dec-09	490 OLE Foundations - Drainage			
869	Fencing	10	45%	01-May-09 A	24-Feb-11				
203	Earthworks- Subbase	11	5%	15-Sep-08 A	13-Nov-09	Earthworks- Subbase			
05C Edinburgh Park Central (exc.) to Gogarburn (inc.)		917		13-May-08 A	20-Apr-12				
690-2/3/6	MUDFA & Utilities - Gogarburn TS to Edinburgh Park TS BT Works	0	0%	04-Sep-09*	04-Sep-09	690-2/3/6 MUDFA & Utilities - Gogarburn TS to Edinburgh Park TS BT Works			
B01480	Issue Construction Drawings - Ductwork	1	0%	04-Sep-09*	04-Sep-09	B01480 Issue Construction Drawings - Ductwork			
137	05C Edinburgh Park (exc.) to Gogarburn (inc.)	1361	29.47%	13-May-08 A	20-Apr-12	137			
MUDFA & Utilities Completion Dates		0		04-Sep-09	04-Sep-09	04-Sep-09 MUDFA & Utilities - Gogarburn TS to Edinburgh Park TS BT Works			
Edinburgh Park Central (exc.) to Gyle Centre (inc.)		641		13-May-08 A	26-Apr-11				
138	Edinburgh Park (exc.) to Gyle (inc.)	956	37.35%	13-May-08 A	26-Apr-11	138			
Gyle Centre Tram Stop Retaining Wall (W19)		36		04-Sep-09	23-Oct-09				
WBSSum019	Gyle Centre Tramstop Retaining Wall (W19) (WBS Summary)	50	0%	04-Sep-09	23-Oct-09	WBSSum019 Gyle Centre Tramstop Retaining Wall (W19) (WBS Summary)			
A20400	Agreement of Change	6	0%	04-Sep-09	11-Sep-09*	A20400 Agreement of Change			
Wall 19 Construction		20		28-Sep-09	23-Oct-09				
139	Wall Construction	20	0%	28-Sep-09	23-Oct-09	139 Wall Construction			
Trackwork (760m)		50		26-Oct-09	18-Jan-10				
183	OLE Foundations - Drainage	30	0%	23-Nov-09	18-Jan-10	183			
140	Earthworks and Subbase	20	0%	26-Oct-09	20-Nov-09	140 Earthworks and Subbase			
Gyle Centre (exc.) to Depot Stop (inc.)		864		28-Jul-08 A	07-Feb-12				
142	Gyle (exc.) to Depot Stop (inc.)	1288	31.14%	28-Jul-08 A	07-Feb-12	142			
Design		40		17-Mar-09 A	04-Sep-09				
13160	Re-design S28 A8 Underpass	40	100%	17-Mar-09 A	04-Sep-09*	13160 Re-design S28 A8 Underpass			
A8 Underpass (S28)		342		15-Oct-08 A	17-Aug-10				
WBSSum020	A8 Underpass (S28) (WBS Summary)	505	34.05%	15-Oct-08 A	17-Aug-10	WBSSum020			
S28 Establishment / Demolition / Site Clearance		20		12-Nov-09	11-Dec-09				
153	Working around BT ducts	20	0%	12-Nov-09	11-Dec-09	153 Working around BT ducts			
S28 Construction		235		15-Oct-08 A	15-Mar-10				
519	Phase 2	56	0%	11-Dec-09	15-Mar-10	519			
143	Phase 1	46	15%	15-Oct-08 A	12-Nov-09	143 Phase 1			
A8 Retaining Walls (W16)		0		04-Sep-09	04-Sep-09				
145	Soil Nailing	0	0%	04-Sep-09	04-Sep-09	145 Soil Nailing			

Date	Revision	Chec...	Approved
04-Sep-09	Construction Programme Updated V48 & Progress	JAC	

█ Actual Work ◆ Milestone
█ Normal █ % Complete

CEC00624408_0114

Three Month Look Ahead Programme

September 2009 - December 2009

EDINBURGH TRAM NETWORK



Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	2009			
						Sep	Oct	Qtr 4 Nov	Dec
Depot Access Bridge (S32)									
WBSum021	Depot Access Bridge (S32) (WBS Summary)	523	0%	04-Sep-09	09-Feb-11	Sum021			
A20410	Agreement of Change	40	0%	04-Sep-09	29-Oct-09*	A20410 Agreement of Change			
Depot Stop (exc.) to Gogarburn (inc.)									
147	Depot Stop (exc.) to Gogarburn (inc.)	875	26.02%	14-Jan-09 A	12-Aug-11	147			
Design									
13030	Issue Construction Drawings - Gogarburn tramstop	0	0%	18-Nov-09	18-Nov-09*	13030 ♦ Issue Construction Drawings - Gogarburn tramstop			
Trackwork (562m)									
148	Ramp Wall out of depot (details unknown)	30	0%	02-Nov-09	15-Dec-09	148 Ramp Wall out of depot			
288	Earthworks and Subbase	12	0%	15-Dec-09	14-Jan-10	288			
SECTION O6 GOGAR DEPOT									
150	SECTION O6 GOGAR DEPOT	1402	50.5%	28-Sep-07 A	29-Jul-11	150			
06A Gogar Depot									
152	06A Gogar Depot	1402	50.5%	28-Sep-07 A	29-Jul-11	152			
Depot									
Design									
13140	Issue Construction Drawings - Drainage	0	0%	02-Nov-09*	02-Nov-09*	13140 ♦ Issue Construction Drawings - Drainage			
B01400	Issue Construction Drawings - Depot Road	0	0%	04-Sep-09*	04-Sep-09*	B01400 Issue Construction Drawings - Depot Road			
Establishment / Earthworks / Drainage									
1149	Earthworks 80,000cu.m	95	56%	15-May-09 A	02-Nov-09	1149 Earthworks 80,000cu.m			
1289	Drainage and Outfall	90	0%	01-Dec-09*	21-Apr-10	1289			
Access Roads									
1219	Track & Stabling Area	70	0%	04-Sep-09	11-Dec-09	1219 Track & Stabling Area			
1189	South Side	20	0%	08-Dec-09	18-Jan-10	1189			
1229	Shunting Area	70	0%	08-Sep-09	15-Dec-09	1229 Shunting Area			
1179	North Side	45	0%	05-Oct-09	07-Dec-09	1179			
1239	Handover to trackworks resource	0	0%	15-Dec-09	15-Dec-09	1239 ♦ Handover to trackworks			
1209	Car Park & Hardstanding	160	0%	04-Sep-09	04-May-10	1209			
B25349	Agreement of Change	30	0%	04-Sep-09	03-Oct-09	B25349 Agreement of Change			
Depot Building									
A17180	Substructure and Superstructure (Steelwork)	50	0%	09-Dec-09	02-Mar-10	A17180			
A17170	Foundations	55	1%	01-Sep-09 A	12-Feb-10	A17170			
B25359	Agreement of Change	70	0%	04-Sep-09	12-Nov-09	B25359 Agreement of Change			
Procurement									
1159	Steel Work Fabrication	64	50%	01-May-09 A	03-Dec-09	1159 Steel Work Fabrication			

Date	Revision	Chec...	Approved
04-Sep-09	Construction Programme Updated V48 & Progress	JAC	

█ Actual Work ♦ Milestone
█ Normal █ % Complete

CEC00624408_0115

Three Month Look Ahead Programme

September 2009 - December 2009

EDINBURGH TRAM NETWORK



Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	2009			
						Sep	Oct	Nov	Dec
Depot Substation									
306	Order REC supply from Scottish Power	0	0%	27-Nov-09					306 ◆ Order REC supply from Scottish Power
316	Civil Engineering and Building Works	140	0%	04-Sep-09	05-Apr-10	316			
SECTION 07 GOGAR TO EDINBURGH AIRPORT									
155	SECTION 07 GOGAR TO EDINBURGH AIRPORT	1363	34.05%	15-May-08 A	20-Feb-12				
07A Gogarburn (exc.) to Edinburgh Airport (inc.)									
B01490	Issue Construction Drawings - Ductwork	1	0%	04-Sep-09*	04-Sep-09	B01490			
157	07A Gogarburn (exc.) to Edinburgh Airport (inc.)	1363	34.05%	15-May-08 A	20-Feb-12				
MUDFA & Utilities Completion Dates									
Gogarburn (exc.) to Inglishton Park & Ride (inc.)									
158	Gogarburn (exc.) to Inglishton Park & Ride (inc.)	1273	36.46%	15-May-08 A	22-Nov-11				
Design									
13060	Issue Construction Drawings - Trackwork	0	0%	04-Sep-09*	04-Sep-09*	13060			
Enabling Works									
A2000	Site and Vegetation Clearance	28	15%	20-Oct-08 A	07-Oct-09				A2000 Site and Vegetation Clearance
Gogarburn Underbridge (S29)									
WBSSum022	Gogarburn Underbridge (S29) (WBS Summary)	501	63.67%	20-Oct-08 A	04-Mar-10				
S29 Substructure									
219	West Abutment-Reinforced Earth	15	100%	04-Mar-09 A	25-Sep-09				219 West Abutment-Reinforced Earth
189	East Abutment-Reinforced Earth	15	100%	13-Mar-09 A	25-Sep-09				189 East Abutment-Reinforced Earth
S29 Establishment / Demolition / Site Clearance									
13041	Treat area of contaminated land	130	0%	04-Sep-09	04-Mar-10	13041			
S29 Superstructure									
229	West Abutment-Parapets and Run on Slabs	29	0%	08-Dec-09	01-Feb-10				229
199	East Abutment-Parapets and Run on Slabs	29	0%	16-Nov-09	11-Jan-10				199
239	Bridge Deck	41	0%	25-Sep-09*	23-Nov-09				239 Bridge Deck
Gogarburn Culvert No1 (S30)									
259	Reinforced Concrete Apron and Wingwalls	20	0%	11-Sep-09	08-Oct-09				259 Reinforced Concrete Apron and Wingwalls
249	Precast Culvert Units	5	0%	04-Sep-09*	10-Sep-09	249			249 Precast Culvert Units
WBSSum023	Gogarburn Culvert No.1 (S30) (WBS Summary)	218	77.11%	16-Feb-09 A	23-Oct-09				WBSSum023 Gogarburn Culvert No.1 (S30) (WBS Summary)
269	Backfill and Finishes	11	0%	09-Oct-09	23-Oct-09				269 Backfill and Finishes
Trackwork (1750m)									
162	Earthworks and Subbase	37	0%	11-Nov-09	18-Jan-10				162
A20140	Agreement of Change	30	10%	13-Apr-09 A	12-Oct-09				A20140 Agreement of Change
Inglishton Park & Ride (exc.) to Edinburgh Airport (inc.)									

Date	Revision	Chec...	Approved
04-Sep-09	Construction Programme Updated V48 & Progress	JAC	

■ Actual Work ◆ Milestone
■ Normal ■ % Complete

CEC00624408_0116

Three Month Look Ahead Programme

September 2009 - December 2009

EDINBURGH TRAM NETWORK



Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	2009			
						Sep	Oct	Qtr 4 Nov	Dec
164	Ingliston Park & Ride (exc.) to Edinburgh Airport (inc.)	1123	19.95%	10-Sep-08 A	20-Feb-12				
Enabling Works									
A1930	Site and Vegetation Clearance	28	0%	04-Sep-09	13-Oct-09	A1930	Site and Vegetation Clearance		
Gogarburn Retaining Wall (W14)									
WBSSum024	Gogarburn Retaining Wall (W14) (WBS Summary)	328	0%	04-Sep-09	28-Jul-10	Sum024	Gogarburn Retaining Wall (W14) (WBS Summary)		
Wall 14/1 Construction									
A20150	Agreement of Change	40	0%	04-Sep-09	29-Oct-09	A20150	Agreement of Change		
Gogarburn Culvert No2 (S31)									
WBSSum025	Gogarburn Culvert No.2 (S31) (WBS Summary)	236	98.04%	05-Jan-09 A	13-Oct-09		Gogarburn Culvert No.2 (S31) (WBS Summary)		
329	Backfill and Finishes	11	75%	16-Mar-09 A	13-Oct-09		Backfill and Finishes		
Gogarburn Culvert No3 (S34)									
289	Reinforced Concrete Apron and Wingwalls	20	0%	20-Oct-09	16-Nov-09		289	Reinforced Concrete Apron and Wingwalls	
279	Precast Culvert Units	5	0%	13-Oct-09	19-Oct-09		279	Precast Culvert Units	
WBSSum026	Gogarburn Culvert No.3 (S34) (WBS Summary)	258	85.15%	16-Mar-09 A	02-Dec-09		Gogarburn Culvert No.3 (S34) (WBS Summary)		
196	Divert Flows-Bulk Excavation	6	0%	05-Oct-09	12-Oct-09		196	Divert Flows-Bulk Excavation	
299	Backfill and Finishes	11	0%	17-Nov-09	02-Dec-09			299	Backfill and Finishes
B25369	Agreement of Change	30	0%	04-Sep-09	03-Oct-09	B25369	Agreement of Change		

Date	Revision	Chec...	Approved
04-Sep-09	Construction Programme Updated V48 & Progress	JAC	

█ Actual Work ◆ Milestone
█ Normal █ % Complete

CEC00624408_0117

10.4 Tram Programme



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

Id	Name	%	Start	Finish	2008												2009												2010												2011											
					M	A	M	J	J	A	S	O	N	D	E	F	M	A	M	J	J	A	S	O	N	D	E	F	M	A	M	J	J	A	S	O	N	D	E	F	M	A	M	J	J							
1	GENERAL	100%	06/05/08	06/05/08																																																
2	NTP	100%	06/05/08	06/05/08																																																
3	ENGINEERING	100%	06/05/08	15/05/09																																																
4	BASIC ENGINEERING	100%	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	100%	01/07/08	24/11/08																																																
9	CARBODY DESIGN	100%	28/08/08	29/04/09																																																
10	LIST OF STEEL MATERIALS	100%	11/06/08	11/06/08																																																
11	INSTALLATIONS DESIGN	100%	24/10/08	14/04/09																																																
12	INTERIORS & FINISHING DESIGN	100%	25/11/08	15/05/09																																																
13	BOGIES DESIGN	100%	23/07/08	15/01/09																																																
14	1st TRAMSET PROCUREMENT	100%	06/05/08	17/07/09																																																
15	SYSTEMS	100%	06/05/08	10/07/09																																																
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	29/04/09																																																
20	CAF SYSTEMS	100%	30/07/08	31/10/08																																																
21	TPDS	100%	30/07/08	09/01/09																																																
22	RADIO	100%	30/07/08	04/02/09																																																
23	BUS TRACKER	100%	30/07/08	29/04/09																																																
24	INTERFACE 2- Systems Interface Complete Definition	100%	25/09/08	29/04/09																																																
25	CAF SYSTEMS	100%	25/09/08	15/12/08																																																
26	TPDS	100%	25/09/08	06/02/09																																																
27	RADIO	100%	25/09/08	04/03/09																																																
28	BUS TRACKER	100%	25/09/08	29/04/09																																																
29	MANUFACTURING & PURCHASING & TESTING	100%	27/06/08	10/07/09																																																
30	DELIVERY PREASSEMBLIES COMPONENTS	100%	15/04/09	15/04/09																																																
31	DELIVERY FIRST EQUIPMENT	100%	15/04/09	10/07/09																																																
32	OTHERS COMPONENTS & MATERIALS	100%	11/06/08	17/07/09																																																
33	STEEL MATERIALS	100%	11/06/08	24/11/08																																																
34	CARBODY COMPONENTS	100%	24/10/08	16/03/09																																																
35	INSTALLATIONS COMPONENTS	100%	16/12/08	29/05/09																																																
36	INTERIORS & FINISHING COMPONENTS	100%	17/02/09	17/07/09																																																
37	1st TRAM MANUFACTURING & TESTING	88%	29/09/08	04/06/10																																																
38	BODYSHELLS MANUFACTURING	100%	29/09/08	03/04/09																																																
39	JIGS & TOOLING MANUFACTURING	100%	29/09/08	22/12/08																																																
40	FRAME TOOLING	100%	29/09/08	09/12/08																																																
41	BODYSHELL TOOLING	100%	17/10/08	22/12/08																																																
42	1st BODYSHELL MANUFACTURING	100%	09/10/08	26/02/09																																																
43	FIRST PIECES LOT	100%	09/10/08	06/11/08																																																

Bus Tracker not officially closed

Not officially closed

Not officially closed

◆ Preassembly material not available

■ Bus Tracker material not available

CEC00624408_0119



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

Id	Name	%	Start	Finish	2008												2009												2010												2011					
					M	A	M	J	J	A	S	O	N	D	E	F	M	A	M	J	J	A	S	O	N	D	E	F	M	A	M	J	J	A	S	O	N	D	E	F	M	A	M	J	J	
75	REMAINING TRAM'S	9%	18/03/09	04/02/11	[Gantt bar spanning from March 2009 to February 2011]																																									
76	2nd Tram	40%	18/03/09	04/06/10	[Gantt bar spanning from March 2009 to June 2010]																																									
77	BODYSHELLS MANUFACTURING & FINISHING	68%	18/03/09	24/12/09	[Gantt bar spanning from March 2009 to December 2009]																																									
78	FACTORY & DYNAMIC TESTS	0%	09/12/09	19/04/10	[Gantt bar spanning from December 2009 to April 2010]																																									
79	TRANSPORT	0%	19/04/10	10/05/10	[Gantt bar spanning from April 2010 to May 2010]																																									
80	DELIVERY OF THE TRAM	0%	10/05/10	10/05/10	[Gantt bar spanning from May 2010 to May 2010]																																									
81	COMMISSIONING OF THE TRAM	0%	10/05/10	04/06/10	[Gantt bar spanning from May 2010 to June 2010]																																									
82	3rd Tram	37%	07/04/09	04/06/10	[Gantt bar spanning from April 2009 to June 2010]																																									
83	BODYSHELLS MANUFACTURING & FINISHING	60%	07/04/09	20/01/10	[Gantt bar spanning from April 2009 to January 2010]																																									
84	FACTORY TESTS	0%	05/01/10	22/03/10	[Gantt bar spanning from January 2010 to March 2010]																																									
85	TRANSPORT	0%	22/03/10	12/04/10	[Gantt bar spanning from March 2010 to April 2010]																																									
86	DELIVERY OF THE TRAM	0%	12/04/10	12/04/10	[Gantt bar spanning from April 2010 to April 2010]																																									
87	COMMISSIONING OF THE TRAM	0%	12/04/10	04/06/10	[Gantt bar spanning from April 2010 to June 2010]																																									
88	4th Tram	34%	29/04/09	04/06/10	[Gantt bar spanning from April 2009 to June 2010]																																									
89	BODYSHELLS MANUFACTURING & FINISHING	52%	29/04/09	09/02/10	[Gantt bar spanning from April 2009 to February 2010]																																									
90	FACTORY TESTS	0%	25/01/10	29/03/10	[Gantt bar spanning from January 2010 to March 2010]																																									
91	TRANSPORT	0%	29/03/10	19/04/10	[Gantt bar spanning from March 2010 to April 2010]																																									
92	DELIVERY OF THE TRAM	0%	19/04/10	19/04/10	[Gantt bar spanning from April 2010 to April 2010]																																									
93	COMMISSIONING OF THE TRAM	0%	19/04/10	04/06/10	[Gantt bar spanning from April 2010 to June 2010]																																									
94	5th Tram	30%	20/05/09	04/06/10	[Gantt bar spanning from May 2009 to June 2010]																																									
95	BODYSHELLS MANUFACTURING & FINISHING	44%	20/05/09	01/03/10	[Gantt bar spanning from May 2009 to March 2010]																																									
96	FACTORY TESTS	0%	12/02/10	05/04/10	[Gantt bar spanning from February 2010 to April 2010]																																									
97	TRANSPORT	0%	05/04/10	26/04/10	[Gantt bar spanning from April 2010 to April 2010]																																									
98	DELIVERY OF THE TRAM	0%	26/04/10	26/04/10	[Gantt bar spanning from April 2010 to April 2010]																																									
99	COMMISSIONING OF THE TRAM	0%	26/04/10	04/06/10	[Gantt bar spanning from April 2010 to June 2010]																																									
100	6th Tram	22%	19/06/09	05/07/10	[Gantt bar spanning from June 2009 to July 2010]																																									
101	BODYSHELLS MANUFACTURING & FINISHING	34%	19/06/09	16/03/10	[Gantt bar spanning from June 2009 to March 2010]																																									
102	FACTORY TESTS	0%	26/02/10	01/06/10	[Gantt bar spanning from February 2010 to June 2010]																																									
103	TRANSPORT	0%	01/06/10	15/06/10	[Gantt bar spanning from June 2010 to June 2010]																																									
104	DELIVERY OF THE TRAM	0%	15/06/10	15/06/10	[Gantt bar spanning from June 2010 to June 2010]																																									
105	COMMISSIONING OF THE TRAM	0%	15/06/10	05/07/10	[Gantt bar spanning from June 2010 to July 2010]																																									
106	7th Tram	14%	21/07/09	05/07/10	[Gantt bar spanning from July 2009 to July 2010]																																									
107	BODYSHELLS MANUFACTURING & FINISHING	22%	21/07/09	31/03/10	[Gantt bar spanning from July 2009 to March 2010]																																									
108	FACTORY TESTS	0%	15/03/10	01/06/10	[Gantt bar spanning from March 2010 to June 2010]																																									
109	TRANSPORT	0%	01/06/10	15/06/10	[Gantt bar spanning from June 2010 to June 2010]																																									
110	DELIVERY OF THE TRAM	0%	15/06/10	15/06/10	[Gantt bar spanning from June 2010 to June 2010]																																									
111	COMMISSIONING OF THE TRAM	0%	15/06/10	05/07/10	[Gantt bar spanning from June 2010 to July 2010]																																									
112	8th Tram	5%	17/09/09	04/08/10	[Gantt bar spanning from September 2009 to August 2010]																																									
113	BODYSHELLS MANUFACTURING & FINISHING	8%	17/09/09	15/04/10	[Gantt bar spanning from September 2009 to April 2010]																																									
114	FACTORY TESTS	0%	30/03/10	01/07/10	[Gantt bar spanning from March 2010 to July 2010]																																									
115	TRANSPORT	0%	01/07/10	15/07/10	[Gantt bar spanning from July 2010 to July 2010]																																									
116	DELIVERY OF THE TRAM	0%	15/07/10	15/07/10	[Gantt bar spanning from July 2010 to July 2010]																																									
117	COMMISSIONING OF THE TRAM	0%	15/07/10	04/08/10	[Gantt bar spanning from July 2010 to August 2010]																																									

INFORME DE AVANCE DE FABRICACIÓN MANUFACTURING STATUS "EDINBURGH TRAM"

1. CAJA EN BLANCO/ BODYSHELL FINISHED



A-7 Finished Bodyshell

2. CAJAS IMPRIMADAS/ PRIMED BODYSHELLS



E-4 Bodyshell primed

INFORME DE AVANCE DE FABRICACIÓN MANUFACTURING STATUS "EDINBURGH TRAM"

3.- CAJAS PINTADAS / PAINTED BODYSHELLS



E-3 Painting

4.- ACABADO /FINISHING PROCESS

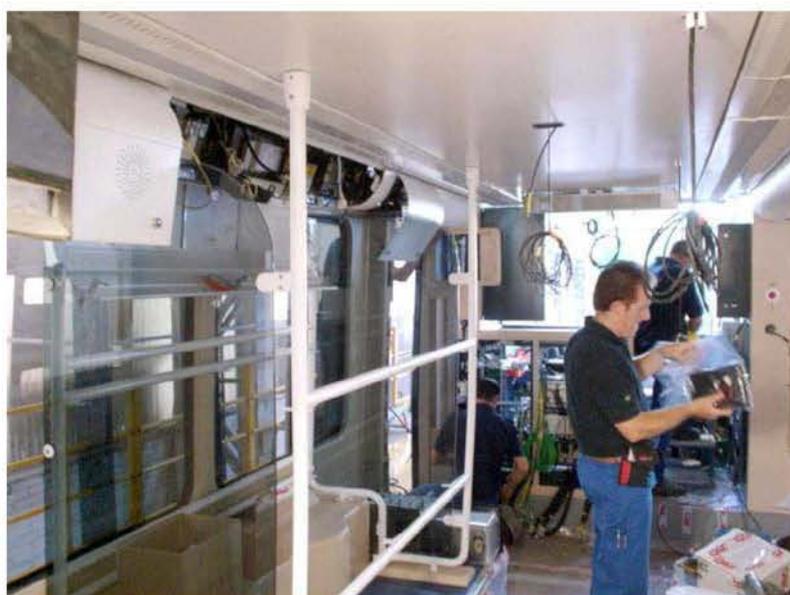


B-1 Doors assembled

INFORME DE AVANCE DE FABRICACIÓN
MANUFACTURING STATUS
"EDINBURGH TRAM"



G-1 Finishing



A-1 Car Interior

INFORME DE AVANCE DE FABRICACIÓN
MANUFACTURING STATUS
"EDINBURGH TRAM"



A-1 Front nose. Finishing



D-1 Car Interior

**INFORME DE AVANCE DE FABRICACIÓN
MANUFACTURING STATUS
"EDINBURGH TRAM"**



B-1 Car Interior

5.-MONTAJE DE APARATOS EN CUBIERTA / ROOF EQUIPMENT ASSEMBLY



A-1 Roof equipment

**INFORME DE AVANCE DE FABRICACIÓN
MANUFACTURING STATUS
"EDINBURGH TRAM"**



B-1 Roof equipment



C-1 Roof equipment

**INFORME DE AVANCE DE FABRICACIÓN
MANUFACTURING STATUS
"EDINBURGH TRAM"**



C-2 Roof wiring

6.-MONTAJE DE APARATOS BAJO BASTIDOR/ UNDERFRAME EQUIPMENT ASSEMBLY



A-1 Underframe

INFORME DE AVANCE DE FABRICACIÓN
MANUFACTURING STATUS
"EDINBURGH TRAM"

UNIT	STATUS
A-1	Finishing process
B-1	Finishing process
C-1	Finishing process
F-1	Finishing process
G-1	Finishing process
D-1	Finishing process
E-1	Finishing process

UNIT	STATUS
A-2	Finishing process
B-2	Finishing process
C-2	Finishing process
F-2	Finishing process
G-2	Finishing process
D-2	Finishing process
E-2	Finishing process

UNIT	STATUS
A-3	Finishing process
B-3	Finishing process
C-3	Finishing process
F-3	Finishing process
G-3	Finishing process
D-3	Painted
E-3	Finishing process

UNIT	STATUS
A-4	Painting process
B-4	Painting process
C-4	Painting process
F-4	Bodyshell assembly finished. To begin the process of painting
G-4	Bodyshell assembly finished. To begin the process of painting
D-4	Bodyshell assembly finished. To begin the process of painting
E-4	Painting process

INFORME DE AVANCE DE FABRICACIÓN
MANUFACTURING STATUS
"EDINBURGH TRAM"

UNIT	STATUS
A-5	Painting process
B-5	Painting process
C-5	Painting process
F-5	Bodyshell assembly finished. To begin the process of painting
G-5	Bodyshell assembly finished. To begin the process of painting
D-5	Bodyshell assembly finished. To begin the process of painting
E-5	Bodyshell assembly finished. To begin the process of painting

UNIT	STATUS
A-6	Bodyshell assembly finished. To begin the process of painting
B-6	Bodyshell assembly finished. To begin the process of painting
C-6	Bodyshell assembly finished. To begin the process of painting
F-6	Bodyshell assembly finished. To begin the process of painting
G-6	Bodyshell assembly finished. To begin the process of painting
D-6	Bodyshell assembly finished. To begin the process of painting
E-6	Bodyshell assembly finished. To begin the process of painting

UNIT	STATUS
A-7	Bodyshell assembly finished. To begin the process of painting
B-7	Bodyshell fabrication
C-7	Bodyshell assembly finished. To begin the process of painting
F-7	Bodyshell fabrication
G-7	Bodyshell assembly finished. To begin the process of painting
D-7	Bodyshell fabrication
E-7	Bodyshell assembly finished. To begin the process of painting