







Activity ID	Activity Name	Start	Original Duration	Finish	Activity % Complete	Total Float	2010												2011				2012				2013				2014			
							Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4			
<b>TRACKWORK PAVEMENT (BETWEEN AND OUTWITH RAILS - IN/OUTBOUND)</b>							▼ TRACKWORK PAVEMENT (BETWEEN AND OUTWITH RAILS - IN/OUTBOUND)																											
1A-12-1630	110mm Roadbase	16-Aug-12	3	20-Aug-12	0%	275	110mm Roadbase																											
1A-12-1640	55mm Basecourse	17-Aug-12	1	17-Aug-12	0%	275	55mm Basecourse																											
1A-12-1650	35mm Wearing Course	20-Aug-12	1	20-Aug-12	0%	275	35mm Wearing Course																											
<b>SURFACING</b>							▼ SURFACING																											
1A-12-1660	220mm Sub-base	16-Aug-12	1	16-Aug-12	0%	274	220mm Sub-base																											
1A-12-1670	225mm Base	17-Aug-12	1	17-Aug-12	0%	274	225mm Base																											
1A-12-1680	60mm Binder Course	20-Aug-12	1	20-Aug-12	0%	274	60mm Binder Course																											
1A-12-1690	35mm Surface Course - Main Carriageway and Boundary	28-Aug-12	1	28-Aug-12	0%	269	35mm Surface Course - Main Carriageway and Boundary																											
<b>ROAD FINISHING</b>							▼ ROAD FINISHING																											
1A-12-1740	Landscaping	17-Aug-12	0	17-Aug-12	0%	280	Landscaping																											
1A-12-1700	Parapets, Guard rails	17-Aug-12	0	17-Aug-12	0%	280	Parapets, Guard rails																											
1A-12-1720	Grind Rail Joint and Sealing Compound	29-Aug-12	2	30-Aug-12	0%	269	Grind Rail Joint and Sealing Compound																											
1A-12-1730	Road Signs and Markings	31-Aug-12	1	31-Aug-12	0%	269	Road Signs and Markings																											
1A-12-1750	Remove temporary traffic management	03-Sep-12	1	03-Sep-12	0%	269	Remove temporary traffic management																											
1A-12-1760	TRACK/ROAD WORKS COMPLETE (Ch. ~ 2367-2442)		0	03-Sep-12	0%	269	◆ TRACK/ROAD WORKS COMPLETE (Ch. ~ 2367-2442)																											
<b>COMMISSIONING AND TESTING</b>							▼ COMMISSIONING AND TESTING																											
1A-12-TEST-100	Handover / Acceptance of Roadworks and Trackworks	04-Sep-12	5	10-Sep-12	0%	269	Handover / Acceptance of Roadworks and Trackworks																											
1A-12-TEST-110	Start remaining E&M works along track	11-Sep-12	0		0%	632	◆ Start remaining E&M works along track																											
<b>TTM PHASE (11) (Ch. ~ 2442 Inbound/2420 Outbound-2645)</b>							▶ TTM PHASE (11) (Ch. ~ 2442 Inbound/2420 Outbound-2645)																											
1A-TTM-11-1000	TTM PHASE (11) - Road closed (Ch. ~ 2420-2645)	18-Mar-11*	0		0%	269	◆ TTM PHASE (11) - Road closed (Ch. ~ 2420-2645)																											
1A-TTM-11-1010	TTM PHASE (11) COMPLETE		0	17-May-12	0%	269	◆ TTM PHASE (11) COMPLETE																											
<b>tie Change Order</b>							▼ tie Change Order																											
1A-TTM-11-1020	Assumed Receipt of tie Change Order BDDI - IFC	18-Feb-11*	0		0%	269	◆ Assumed Receipt of tie Change Order BDDI - IFC																											
<b>TEMPORARY AND PRELIMINARY WORKS</b>							▼ TEMPORARY AND PRELIMINARY WORKS																											
1A-11-1000	Establish temporary traffic management	18-Mar-11	1	18-Mar-11	0%	269	Establish temporary traffic management																											
1A-11-1010	Site clearance	21-Mar-11	1	21-Mar-11	0%	269	Site clearance																											
1A-11-1020	Investigate services / outfall positions / inlet-outlet positions / levels	22-Mar-11	1	22-Mar-11	0%	269	Investigate services / outfall positions / inlet-outlet positions / levels																											
1A-11-1030	COMMENCE TRACK/ROAD WORKS (Ch. ~ 2420-2645)	23-Mar-11	0		0%	269	◆ COMMENCE TRACK/ROAD WORKS (Ch. ~ 2420-2645)																											
<b>OUTBOUND</b>							▶ OUTBOUND																											
<b>TRACK IMPROVEMENT+CARRIAGEWAY/FOOTWAY SUBGRADE</b>							▶ TRACK IMPROVEMENT+CARRIAGEWAY/FOOTWAY SUBGRADE																											
1A-11-1040	Remove existing footway	23-Mar-11	2	24-Mar-11	0%	269	Remove existing footway																											
1A-11-1050	Plane out existing surfacing over Trams Footprint (1st cut)	25-Mar-11	2	28-Mar-11	0%	269	Plane out existing surfacing over Trams Footprint (1st cut)																											
1A-11-1060	Carry out inspection and testing of Subgrade	29-Mar-11	1	29-Mar-11	0%	269	Carry out inspection and testing of Subgrade																											
1A-11-1070	Sawcut Separation - Tram Ducts Outer Edge	29-Mar-11	1	29-Mar-11	0%	269	Sawcut Separation - Tram Ducts Outer Edge																											
1A-11-1080	Break Out / Excavate to formation of Tram Footprint (2nd cut)	30-Mar-11	6	06-Apr-11	0%	269	Break Out / Excavate to formation of Tram Footprint (2nd cut)																											
1A-11-1100	Capping layer (600mm)	31-Mar-11	6	07-Apr-11	0%	306	Capping layer (600mm)																											
1A-11-1090	Place Sub-base Type 1 (Track)	31-Mar-11	6	07-Apr-11	0%	306	Place Sub-base Type 1 (Track)																											
1A-11-1120	Tram Ducts & Chambers	01-Apr-11	9	13-Apr-11	0%	272	Tram Ducts & Chambers																											
1A-11-1130	Excavate and Cast OLE Foundations (3 nos)	01-Apr-11	12	18-Apr-11	0%	269	Excavate and Cast OLE Foundations (3 nos)																											
1A-11-1110	Drainage and Outfalls	07-Apr-11	2	08-Apr-11	0%	275	Drainage and Outfalls																											
1A-11-1140	Lay SL Duct to OLE	12-Apr-11	5	18-Apr-11	0%	289	Lay SL Duct to OLE																											
1A-11-1150	Prepare and check suitability of Formation	14-Apr-11	3	18-Apr-11	0%	269	Prepare and check suitability of Formation																											
1A-11-1160	Track Improvement Layer	18-Apr-11	21	18-May-11	0%	269	Track Improvement Layer																											
1A-11-1170	Installation of IMU Drains and Cable Ducting	18-Apr-11	7	27-Apr-11	0%	283	Installation of IMU Drains and Cable Ducting																											

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

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

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**Update Programme**  
 Updated for V67 Design Programme,  
 and progress to 18 February 2011 .

**EDINBURGH TRAM NETWORK**



Activity ID	Activity Name	Start	Original Duration	Finish	Activity % Complete	Total Float	2010												2011				2012				2013				2014		
							Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3			
<b>Phase 1B Northbound (Leith) Carriageway (Ch 920-1260)</b>							Phase 1B Northbound (Leith) Carriageway (Ch 920-1260)																										
1B-19C-ROAD-20(3)	Establish Traffic Management & Temp. Fencing	13-Feb-13	1	13-Feb-13	0%	16	Establish Traffic Management & Temp. Fencing																										
1B-19C-ROAD-22(3)	Trial Holes for Services	14-Feb-13	1	14-Feb-13	0%	16	Trial Holes for Services																										
1B-19C-ROAD-31(3)	Excavate Existing Carriageway	15-Feb-13	3	19-Feb-13	0%	16	Excavate Existing Carriageway																										
1B-19C-ROAD-32(3)	Capping	22-Feb-13	2	25-Feb-13	0%	16	Capping																										
1B-19C-TRCK-60(3)	Lay and Concrete Ducts (& Chambers)	06-Mar-13	20	03-Apr-13	0%	16	Lay and Concrete Ducts (& Chambers)																										
1B-19C-ROAD-61(3)	Subbase	07-May-13	5	13-May-13	0%	16	Subbase																										
1B-19C-TRCK-90(3)	Centre Reserve Finishes	07-May-13	8	16-May-13	0%	322	Centre Reserve Finishes																										
1B-19C-ROAD-62(3)	Roadbase	14-May-13	4	17-May-13	0%	16	Roadbase																										
1B-19C-ROAD-63(3)	Binder	22-May-13	3	24-May-13	0%	16	Binder																										
1B-19C-ROAD-21(3)	Remove Fencing and Traffic Management (& Apply Temporary Markings)	28-May-13	1	28-May-13	0%	16	Remove Fencing and Traffic Management (& Apply Temporary Markings)																										
<b>Inbound Track Ch 920-1100</b>							Inbound Track Ch 920-1100																										
1B-19C-TRCK-31(3)	Subbase	26-Feb-13	2	27-Feb-13	0%	16	Subbase																										
1B-19C-TRCK-50(3)	Piling for OLE Foundations	28-Feb-13	4	05-Mar-13	0%	16	Piling for OLE Foundations																										
1B-19C-TRCK-51(3)	Excavate & Cast OLE Foundations	06-Mar-13	4	11-Mar-13	0%	32	Excavate & Cast OLE Foundations																										
1B-19C-TRCK-61(3)	IMU Drains, SL & Cable Ducts	04-Apr-13	2	05-Apr-13	0%	16	IMU Drains, SL & Cable Ducts																										
1B-19C-TRCK-65(3)	Track Improvement Slab	08-Apr-13	10	19-Apr-13	0%	16	Track Improvement Slab																										
1B-19C-TRCK-70(3)	Set Track	22-Apr-13	6	29-Apr-13	0%	16	Set Track																										
1B-19C-TRCK-75(3)	Place upper concrete and cure	25-Apr-13	7	03-May-13	0%	16	Place upper concrete and cure																										
1B-19C-TRCK-80(3)	Surfacing	20-May-13	2	21-May-13	0%	16	Surfacing																										
<b>Phase 2A Southbound (City) Carriageway (Ch 920-1260)</b>							Phase 2A Southbound (City) Carriageway																										
1B-19F-ROAD-20(3)	Establish Traffic Management & Temp. Fencing	29-May-13	2	30-May-13	0%	16	Establish Traffic Management & Temp. Fencing																										
1B-19F-ROAD-22(3)	Trial Holes for Services	31-May-13	3	04-Jun-13	0%	16	Trial Holes for Services																										
1B-19F-ROAD-31(3)	Excavate Existing Carriageway	05-Jun-13	15	25-Jun-13	0%	16	Excavate Existing Carriageway																										
1B-19F-ROAD-30(3)	Excavate Existing Kerbs	07-Jun-13	3	11-Jun-13	0%	70	Excavate Existing Kerbs																										
1B-19F-ROAD-32(3)	Capping	12-Jun-13	7	20-Jun-13	0%	16	Capping																										
1B-19F-TRCK-60(3)	Lay and Concrete Ducts (& Chambers)	21-Jun-13	20	18-Jul-13	0%	16	Lay and Concrete Ducts (& Chambers)																										
1B-19F-ROAD-61(3)	Subbase	20-Aug-13	6	27-Aug-13	0%	16	Subbase																										
1B-19F-TRCK-90(3)	Centre Reserve Finishes	20-Aug-13	8	29-Aug-13	0%	249	Centre Reserve Finishes																										
1B-19F-ROAD-40(3)	Construct Kerb lines	28-Aug-13	14	16-Sep-13	0%	16	Construct Kerb lines																										
1B-19F-ROAD-50(3)	Reset Gullies (& Connections)	28-Aug-13	12	12-Sep-13	0%	18	Reset Gullies (& Connections)																										
1B-19F-ROAD-70(3)	Pavement Works (Footpath)	17-Sep-13	31	29-Oct-13	0%	206	Pavement Works (Footpath)																										
1B-19F-ROAD-62(3)	Roadbase	17-Sep-13	4	20-Sep-13	0%	16	Roadbase																										
1B-19F-ROAD-63(3)	Binder	25-Sep-13	3	27-Sep-13	0%	16	Binder																										
1B-19F-ROAD-21(3)	Remove Fencing and Traffic Management (& Apply Temporary Markings)	30-Sep-13	1	30-Sep-13	0%	16	Remove Fencing and Traffic Management (& Apply Temporary Markings)																										
<b>Outbound Track Ch 1100-1260</b>							Outbound Track Ch 1100-1260																										
1B-19F-TRCK-31(3)	Subbase	21-Jun-13	2	24-Jun-13	0%	34	Subbase																										
1B-19F-TRCK-61(3)	IMU Drains, SL & Cable Ducts	19-Jul-13	3	23-Jul-13	0%	16	IMU Drains, SL & Cable Ducts																										
1B-19F-TRCK-65(3)	Track Improvement Slab	24-Jul-13	10	07-Aug-13	0%	16	Track Improvement Slab																										
1B-19F-TRCK-70(3)	Set Track	08-Aug-13	6	15-Aug-13	0%	16	Set Track																										
1B-19F-TRCK-75(3)	Place upper concrete and cure	13-Aug-13	5	19-Aug-13	0%	16	Place upper concrete and cure																										
1B-19F-TRCK-80(3)	Surfacing	23-Sep-13	2	24-Sep-13	0%	16	Surfacing																										
<b>Phase 2B Southbound (City) Carriageway (Ch 920-1260)</b>							Phase 2B Southbound (City) Carriageway																										
1B-19D-ROAD-20(3)	Establish Traffic Management & Temp. Fencing	01-Oct-13	1	01-Oct-13	0%	16	Establish Traffic Management & Temp. Fencing																										
1B-19D-ROAD-22(3)	Trial Holes for Services	02-Oct-13	1	02-Oct-13	0%	16	Trial Holes for Services																										

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