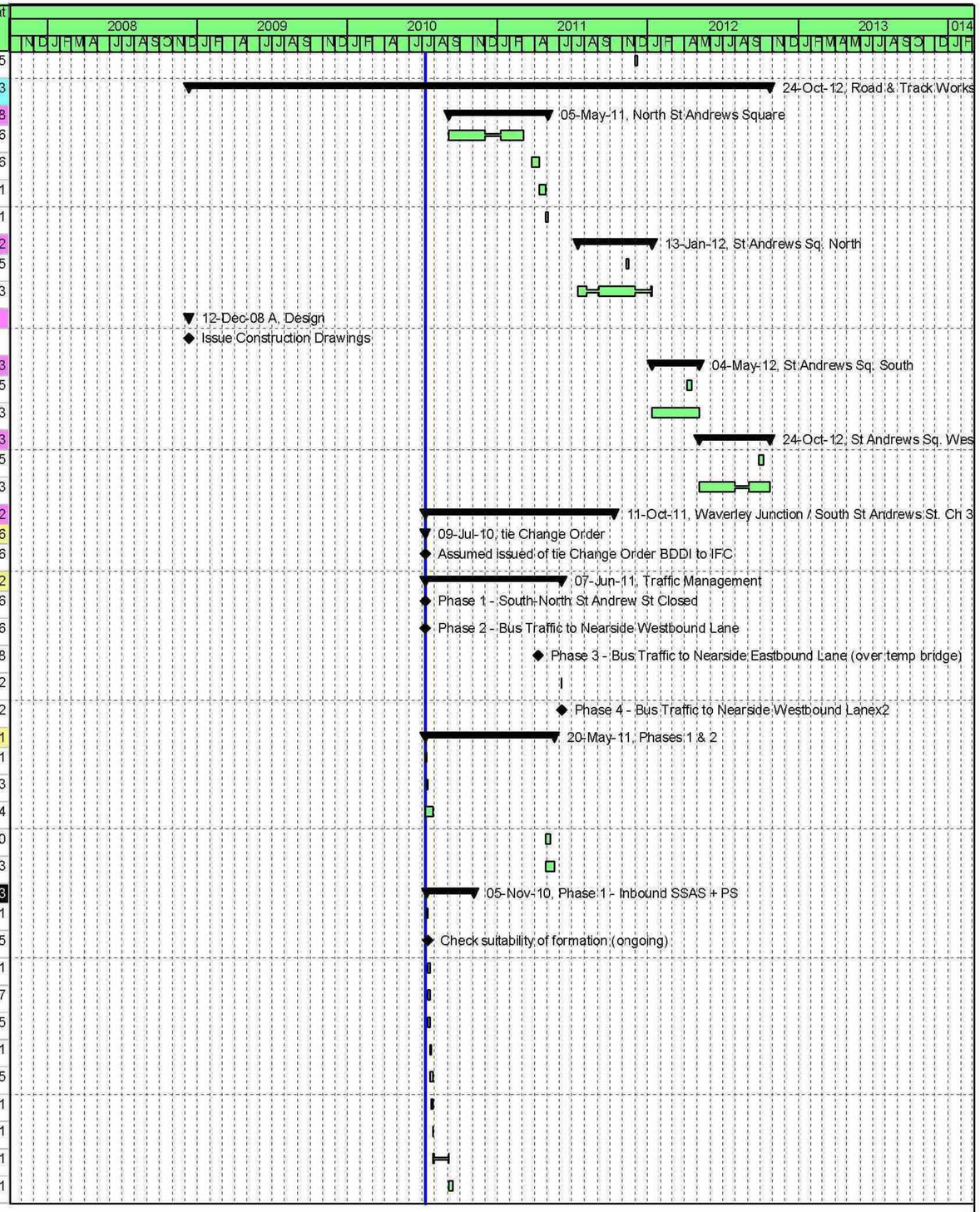
Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
Phase 3 Stage 2		29	22-Jan-13	04-Mar-13	243
1C-17A-TRCK-70	Set Track (Dummy)	5	05-Feb-13	12-Feb-13	216
1C-17J-JNCS-60	installation of traffic light control - Junction 28 part1	4	12-Feb-13	18-Feb-13	253
1C-17J-TRCK-180	Dummy	29	22-Jan-13	04-Mar-13	68
Phase 3 Stage 1		85	11-Sep-12	22-Jan-13	272
1C-17J-TRCK-70(3)	Set Track (Dummy)	14	30-Oct-12	19-Nov-12	252
1C-17I-JNCS-60	installation of traffic light control - Junction 27 part2	4	19-Nov-12	23-Nov-12	289
1C-17J-TRCK-170	Dummy	70	11-Sep-12	22-Jan-13	68
Picardy Place Tram Stop		143	31-May-12	17-Dec-12	227
1C-17-TRMS-20	Order REC Supply	0	14-Jun-12		405
1C-17-TRMS-30	Access for visual inspection for E&M Tram Stop ins	0	10-Aug-12		397
1C-17-TRMS-40	Deliver and Install Shelter	10	26-Jul-12	11-Sep-12	94
1C-17-TRMS-31	Access for E&M Tram Stop installation (01C Picardy	0	11-Sep-12		298
1C-17-TRMS-45	Deliver and Install cubicle	10	17-Sep-12	01-Oct-12	44
1C-17-TRMS-90	Civil Engineering And Building Works	65	31-May-12	02-Oct-12	94
1C-17-TRMS-50	Install LV Power Supply and LV Power Equipment	25	01-Oct-12	05-Nov-12	190
1C-17-TRMS-70	Install Telecon Equipment	20	06-Nov-12	03-Dec-12	237
1C-17-TRMS-60	Install Station Control Equipment + AFC Equipment	25	06-Nov-12	10-Dec-12	227
1C-17-TRMS-80	Package Test Tramstop	5	11-Dec-12	17-Dec-12	227
Cathedral SubStation		261	23-Nov-10	15-Dec-11	479
1C-17-SUBS-30	Access for visual inspection forE&M substation insta	0	04-Mar-11		699
1C-17-SUBS-100	cable duct for Power Infeed	5	04-Mar-11	11-Mar-11	576
1C-17-SUBS-90	Civil Engineering and Building Works	65	23-Nov-10	04-Apr-11	472
1C-17-SUBS-31	Access for E&M substation installation (01C Cathrec	0	04-Apr-11		572
1C-17-SUBS-45	Install HV Power Supply and Equipment (SP)	20	04-Jul-11	01-Aug-11	409
1C-17-SUBS-55	Energisation Scottish Power	0	13-Sep-11		545
1C-17-SUBS-40	Power Infeed from Public Net available inc HV cable	0	14-Sep-11		545
1C-17-SUBS-50	Install LV Power Supply and LV Power Equipment	15	01-Aug-11	19-Sep-11	409
1C-17-SUBS-70	Install Telecom and Scada	15	20-Sep-11	10-Oct-11	482
1C-17-SUBS-60	Installation of TPS Equipment	30	10-Oct-11	24-Nov-11	403
1C-17-SUBS-80	Testing and Commissioning	14	25-Nov-11	15-Dec-11	479
St. Andrews Square (inc.) to Princes Street West (exc.)		913	12-Dec-08 A	24-Oct-12	353
St Andrews Square Tram Stop		694	18-Feb-09 A	07-Dec-11	485
12260	Issue Construction Drawings	0		18-Feb-09 A	
1C-16-TRMS-20	Order REC Supply	0	27-Apr-11		706
1C-16-TRMS-30	Access for visual inspection for E&M Tram Stop inst	0	26-May-11		712
1C-16-TRMS-40	Deliver and Install Shelter	10	10-Jun-11	24-Jun-11	116
1C-16-TRMS-31	Access for E&M Tram Stop installation (01C St. Anc	0	24-Jun-11		614
1C-16-TRMS-90	Civil Engineering And Building Works	65	13-Apr-11	15-Jul-11	116
1C-16-TRMS-45	Deliver and Install cubicle	10	05-Sep-11	16-Sep-11	21
1C-16-TRMS-50	Install LV Power Supply and LV Power Equipment	25	19-Sep-11	21-Oct-11	408
1C-16-TRMS-70	Install Telecon Equipment	20	24-Oct-11	23-Nov-11	418
1C-16-TRMS-60	Install Station Control Equipment + AFC Equipment	25	24-Oct-11	30-Nov-11	408

Date	Revision	Checked	Approved
06-Jul-10	ETN Programme Revision 3A Progress to 9 July 2010	SCS	BSC

Actual Work | Critical Remaining Work | Summary
Remaining Work | Milestone

BFB00003291_0141

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
1C-16-TRMS-80	Package Test Tramstop	5	01-Dec-11	07-Dec-11	485
Road & Track Works		913	12-Dec-08 A	24-Oct-12	353
North St Andrews Square		161	06-Sep-10	05-May-11	678
1C-16-TRCK-170	Dummy	100	06-Sep-10	04-Mar-11	116
1C-16B-TRCK-70	Set Track (Dummy)	12	25-Mar-11	13-Apr-11	116
1C-17K-JNCS-70	installation of traffic light control - Junction 29	11	13-Apr-11	28-Apr-11	701
1C-17K-JNCS-60	installation of traffic light control - Junction 28 part2	4	28-Apr-11	05-May-11	701
St Andrews Sq. North		118	15-Jul-11	13-Jan-12	572
1C-17K-JNCS-90	installation of traffic light control - Junction 36	6	09-Nov-11	17-Nov-11	585
1C-16-TRCK-180	Dummy	80	15-Jul-11	13-Jan-12	293
Design		0	12-Dec-08 A	12-Dec-08 A	
12240	Issue Construction Drawings	0		12-Dec-08 A	
St Andrews Sq. South		80	13-Jan-12	04-May-12	453
1C-16A-JNCS-70	installation of traffic light control - Junction 33	8	06-Apr-12	18-Apr-12	465
1C-16-TRCK-190	Dummy	80	13-Jan-12	04-May-12	293
St Andrews Sq. West		123	04-May-12	24-Oct-12	353
1C-17K-JNCS-80	installation of traffic light control - Junction 35	8	26-Sep-12	08-Oct-12	365
1C-16-TRCK-200	Dummy	100	04-May-12	24-Oct-12	293
Waverley Junction / South St Andrews St. Ch 370 to 150		311	09-Jul-10	11-Oct-11	632
tie Change Order		0	09-Jul-10	09-Jul-10	156
1C-16-SAS-160	Assumed issued of tie Change Order BDDI to IFC	0	09-Jul-10*		156
Traffic Management		222	09-Jul-10	07-Jun-11	702
1C-16-SAS-135	Phase 1 - South-North St Andrew St Closed	0	09-Jul-10		156
1C-16-SAS-156	Phase 2 - Bus Traffic to Nearside Westbound Lane	0	09-Jul-10		156
1C-16-SAS-167	Phase 3 - Bus Traffic to Nearside Eastbound Lane (	0	11-Apr-11		128
1C-16-SAS-168	Closure for concreting across PS	1	06-Jun-11	07-Jun-11	702
1C-16-SAS-159	Phase 4 - Bus Traffic to Nearside Westbound Lane:	0	07-Jun-11		702
Phases 1 & 2		212	09-Jul-10	20-May-11	691
1C-16A-SAS1-252	Erect Pedestrian Barrier	1	09-Jul-10*	12-Jul-10	111
1C-16A-SAS1-244	Investigate services / outfall positions / inlet-outlet p	4	12-Jul-10	16-Jul-10	153
1C-16A-SAS1-143	Site Clearance & Site Compound	12	09-Jul-10	27-Jul-10	684
1C-16A-JNCS-60	installation of traffic light control - Junction 30	8	27-Apr-11	09-May-11	700
1C-16A-SAS1-233	OLE Wall Fixings (16nr) South-North St Andrew St	16	27-Apr-11	20-May-11	593
Phase 1 - Inbound SSAS + PS		83	12-Jul-10	05-Nov-10	753
1C-16A-SAS1-166	Plane Main Carriageway 250mm	3	12-Jul-10	15-Jul-10	111
1C-16A-SAS1-247	Check suitability of formation (ongoing)	0	15-Jul-10		115
1C-16A-SAS1-165	Excavate to Formation for Carriageway and Track (	5	15-Jul-10	22-Jul-10	111
1C-16A-SAS1-176	Remove existing kerbs to store.	5	15-Jul-10	22-Jul-10	687
1C-16A-SAS1-248	Capping Layer to Adjacent Carriageway (600mm)	5	15-Jul-10	22-Jul-10	115
1C-16A-SAS1-239	Make good Formation with Type 1 (Ave 220mm)	2	22-Jul-10	26-Jul-10	111
1C-16A-SAS1-154	Core/Cast OLE Pole Foundations	3	22-Jul-10	27-Jul-10	155
1C-16A-SAS1-370	Installation of IMU Drains and Cable Ducting	2	26-Jul-10	28-Jul-10	111
1C-16A-SAS1-171	Carry out inspection and testing of Subgrade	1	28-Jul-10	29-Jul-10	111
1C-16A-SAS1-172	Blinding Concrete	2	29-Jul-10	06-Sep-10	111
1C-16A-SAS1-163	Place RC Improvement Slab (+ cure lag)	6	06-Sep-10	14-Sep-10	111

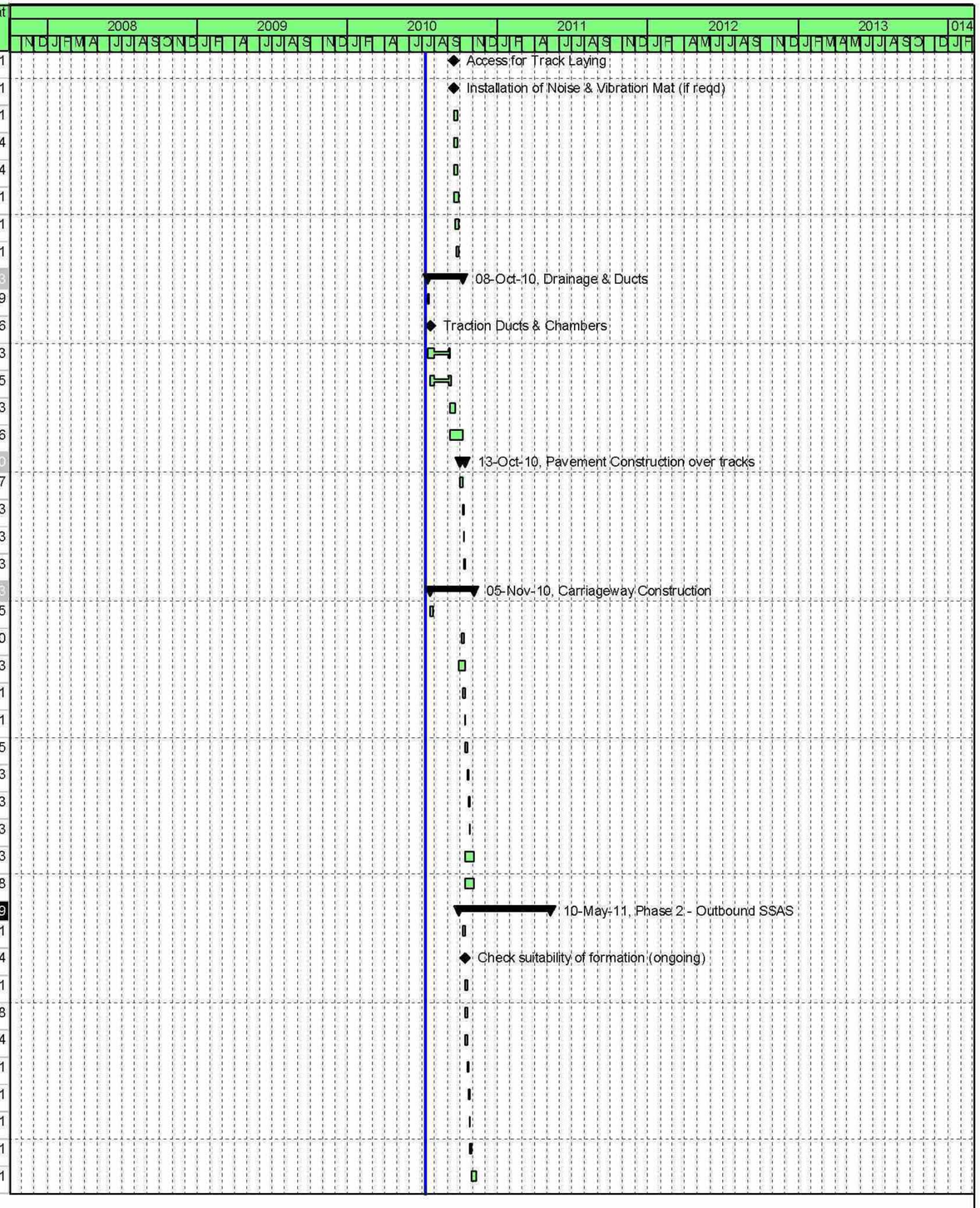


Date	Revision	Checked	Approved
06-Jul-10	ETN Programme Revision 3A Progress to 9 July 2010	SCS	BSC

Actual Work | Critical Remaining Work | Summary
Remaining Work | Milestone

BFB00003291_0142

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
1C-16A-SAS1-174	Access for Track Laying	0	16-Sep-10		111
1C-16A-SAS1-175	Installation of Noise & Vibration Mat (if reqd)	0	16-Sep-10		111
1C-16A-SAS1-257	Welding & Grinding	6	17-Sep-10	27-Sep-10	111
1C-16A-SAS1-258	Drainage / Rail Connections	6	17-Sep-10	27-Sep-10	114
1C-16A-SAS1-249	Installation of IMU Boxes and Loops	6	17-Sep-10	27-Sep-10	114
1C-16A-TRCK-70	Set track (1x198m)(sleepers/rail)	8	16-Sep-10	28-Sep-10	111
1C-16A-SAS1-380	Final Rail Alignment - Check and Approve	6	20-Sep-10	28-Sep-10	111
1C-16A-SAS1-241	230mm Concrete Supporting Layer (+ cure lag)	6	22-Sep-10	30-Sep-10	111
Drainage & Ducts		61	14-Jul-10	08-Oct-10	773
1C-16A-SAS1-238	Outfall Connections	3	14-Jul-10	19-Jul-10	159
1C-16A-SAS1-360	Traction Ducts & Chambers	0	22-Jul-10		126
1C-16A-SAS1-169	Drainage to Discharge Points	14	16-Jul-10	09-Sep-10	153
1C-16A-SAS1-161	Comms Ducts & Chambers	11	22-Jul-10	10-Sep-10	115
1C-16A-SAS1-162	Traffic Signal Ducts	7	09-Sep-10	20-Sep-10	153
1C-16A-SAS1-153	Lighting Ducts	21	09-Sep-10	08-Oct-10	656
Pavement Construction over tracks		8	01-Oct-10	13-Oct-10	770
1C-16A-SAS1-173	Setts	5	01-Oct-10	08-Oct-10	137
1C-16A-SAS1-234	124mm Binder	2	07-Oct-10	11-Oct-10	653
1C-16A-SAS1-235	35mm Wearing Course	1	11-Oct-10	12-Oct-10	653
1C-16A-SAS1-256	15mm Surface Treatment	1	12-Oct-10	13-Oct-10	653
Carriageway Construction		75	22-Jul-10	05-Nov-10	753
1C-16A-SAS1-178	Sub-base 220mm all carriageway areas (bituminous	3	22-Jul-10	27-Jul-10	155
1C-16A-SAS1-181	Signs / Street Furniture	5	04-Oct-10	11-Oct-10	140
1C-16A-SAS1-179	Kerbing	10	30-Sep-10	14-Oct-10	133
1C-16A-SAS1-350	Gullies	5	08-Oct-10	15-Oct-10	651
1C-16A-SAS1-182	Sub-base shape all carriageway areas	1	14-Oct-10	15-Oct-10	651
1C-16A-SAS1-183	Traffic Signals	4	14-Oct-10	20-Oct-10	135
1C-16A-SAS1-236	225mm Base	2	20-Oct-10	22-Oct-10	133
1C-16A-SAS1-187	60mm Binder	1	22-Oct-10	25-Oct-10	133
1C-16A-SAS1-188	35mm Wearing Course	1	25-Oct-10	26-Oct-10	133
1C-16A-SAS1-185	Setts	13	14-Oct-10	04-Nov-10	133
1C-16A-SAS1-184	Footpath Works	14	14-Oct-10	05-Nov-10	638
Phase 2 - Outbound SSAS		146	30-Sep-10	10-May-11	699
1C-16C-SAS2-320	Plane Main Carriageway 250mm	4	07-Oct-10	13-Oct-10	111
1C-16C-SAS2-330	Check suitability of formation (ongoing)	0	13-Oct-10		114
1C-16C-SAS2-198	Excavate to Formation for Carriageway and Track (	5	13-Oct-10	20-Oct-10	111
1C-16C-SAS2-199	Remove existing kerbs to store.	5	13-Oct-10	20-Oct-10	648
1C-16C-SAS2-201	Capping Layer to Adjacent Carriageway (600mm)	5	13-Oct-10	20-Oct-10	114
1C-16C-SAS2-202	Make good Formation with Type 1 (Ave 220mm)	2	20-Oct-10	22-Oct-10	111
1C-16C-SAS2-203	Installation of IMU Drains and Cable Ducting	2	22-Oct-10	26-Oct-10	111
1C-16C-SAS2-204	Carry out inspection and testing of Subgrade	1	26-Oct-10	27-Oct-10	111
1C-16C-SAS2-205	Blinding Concrete	2	27-Oct-10	29-Oct-10	111
1C-16C-SAS2-206	Place RC Improvement Slab (+ cure lag)	5	29-Oct-10	09-Nov-10	111

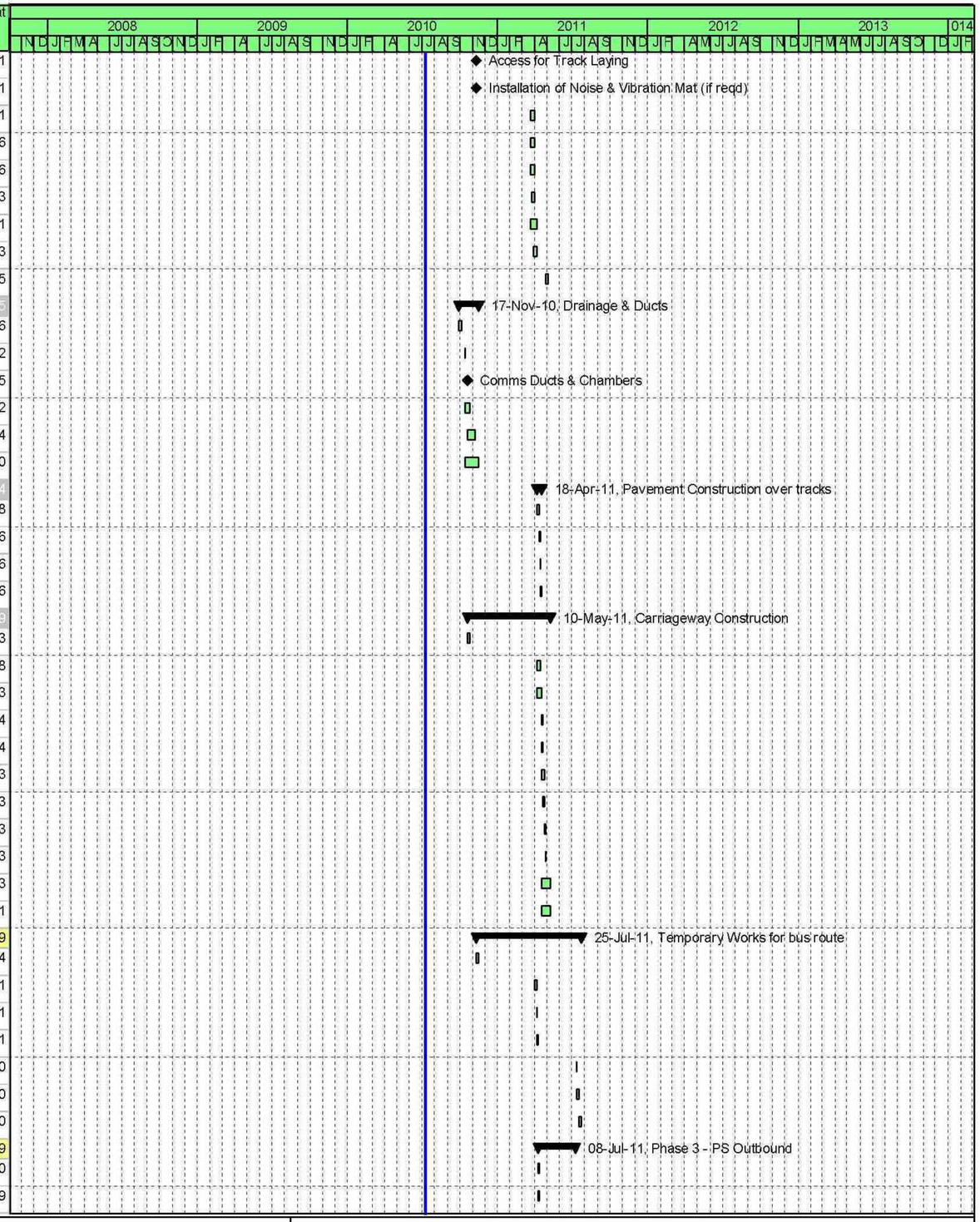


Date	Revision	Checked	Approved
06-Jul-10	ETN Programme Revision 3A Progress to 9 July 2010	SCS	BSC

Actual Work | Critical Remaining Work | Summary
Remaining Work | Milestone

BFB00003291_0143

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
1C-16C-SAS2-207	Access for Track Laying	0	11-Nov-10		111
1C-16C-SAS2-208	Installation of Noise & Vibration Mat (if reqd)	0	11-Nov-10		111
1C-16C-SAS2-340	Welding & Grinding	5	23-Mar-11	30-Mar-11	111
1C-16C-SAS2-211	Drainage / Rail Connections	5	23-Mar-11	30-Mar-11	596
1C-16C-SAS2-212	Installation of IMU Boxes and Loops	5	23-Mar-11	30-Mar-11	596
1C-16C-SAS2-213	Final Rail Alignment - Check and Approve	5	24-Mar-11	31-Mar-11	593
1C-16C-TRCK-70	Set track (1x162m)(sleepers/rail) + mob	9	22-Mar-11	05-Apr-11	111
1C-16C-SAS2-214	230mm Concrete Supporting Layer (+ cure lag)	5	28-Mar-11	05-Apr-11	593
1C-16C-SAS2-232	Rail/Carriageway Joint - Sealing Compound	4	27-Apr-11	04-May-11	605
Drainage & Ducts		34	30-Sep-10	17-Nov-10	745
1C-16C-SAS2-192	Outfall Connections	2	30-Sep-10	04-Oct-10	636
1C-16C-SAS2-193	Drainage to Discharge Points	2	13-Oct-10	15-Oct-10	622
1C-16C-SAS2-195	Comms Ducts & Chambers	0	20-Oct-10		125
1C-16C-SAS2-196	Traffic Signal Ducts	7	15-Oct-10	26-Oct-10	622
1C-16C-SAS2-194	Traction Ducts & Chambers	11	20-Oct-10	08-Nov-10	114
1C-16C-SAS2-197	Lighting Ducts	21	15-Oct-10	17-Nov-10	630
Pavement Construction over tracks		8	06-Apr-11	18-Apr-11	714
1C-16C-SAS2-216	Setts	4	06-Apr-11	12-Apr-11	618
1C-16C-SAS2-217	124mm Binder	2	12-Apr-11	14-Apr-11	616
1C-16C-SAS2-218	35mm Wearing Course	1	14-Apr-11	15-Apr-11	616
1C-16C-SAS2-219	15mm Surface Treatment	1	15-Apr-11	18-Apr-11	616
Carriageway Construction		132	20-Oct-10	10-May-11	699
1C-16C-SAS2-221	Sub-base 220mm all carriageway areas (bituminous	3	20-Oct-10	25-Oct-10	613
1C-16C-SAS2-224	Signs / Street Furniture	5	07-Apr-11	14-Apr-11	598
1C-16C-SAS2-222	Kerbing	10	05-Apr-11	19-Apr-11	593
1C-16C-SAS2-223	Gullies	1	19-Apr-11	20-Apr-11	614
1C-16C-SAS2-225	Sub-base shape all carriageway areas	1	19-Apr-11	20-Apr-11	614
1C-16C-SAS2-226	Traffic Signals	4	19-Apr-11	25-Apr-11	593
1C-16C-SAS2-229	225mm Base	2	21-Apr-11	25-Apr-11	593
1C-16C-SAS2-290	60mm Binder	1	25-Apr-11	26-Apr-11	593
1C-16C-SAS2-231	35mm Wearing Course	1	26-Apr-11	27-Apr-11	593
1C-16C-SAS2-228	Setts	13	19-Apr-11	09-May-11	593
1C-16C-SAS2-227	Footpath Works	14	19-Apr-11	10-May-11	601
Temporary Works for bus route		170	09-Nov-10	25-Jul-11	129
1C-16C-SAS2-265	Construct bridge support foundations	5	09-Nov-10	16-Nov-10	114
1C-16C-SAS2-266	Install bridge unit & anchors	3	30-Mar-11	05-Apr-11	111
1C-16C-SAS2-267	Surfacing to suit	2	05-Apr-11	07-Apr-11	111
1C-16C-SAS2-268	Signs and Markings	1	07-Apr-11	08-Apr-11	111
1C-16C-SAS2-259	Remove bridge	1	11-Jul-11	12-Jul-11	110
1C-16C-SAS2-390	Demolish bridge foundations	4	12-Jul-11	18-Jul-11	110
1C-16C-SAS2-251	Make good and clear site	5	18-Jul-11	25-Jul-11	110
Phase 3 - PS Outbound		62	11-Apr-11	08-Jul-11	679
1C-16D-SAS3-304	Erect Pedestrian Barrier	1	11-Apr-11	11-Apr-11	110
1C-16D-SAS3-345	Site Clearance & Site Compound	2	11-Apr-11	12-Apr-11	619

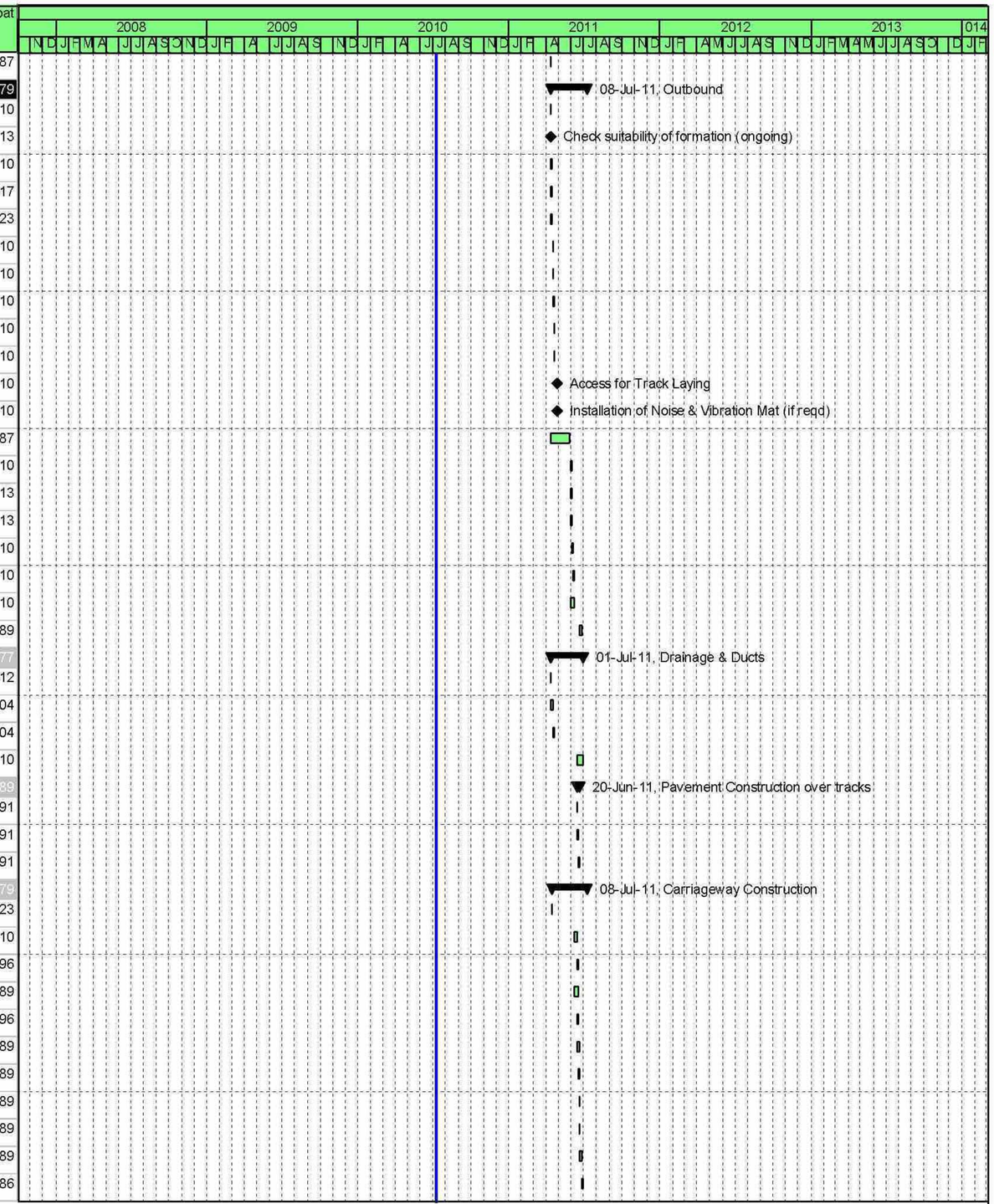


Date	Revision	Checked	Approved
06-Jul-10	ETN Programme Revision 3A Progress to 9 July 2010	SCS	BSC

Actual Work | Critical Remaining Work | Summary
Remaining Work | Milestone

BFB00003291_0144

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
1C-16D-SAS3-316	Investigate services / outfall positions / inlet-outlet p	2	12-Apr-11	13-Apr-11	587
Outbound		61	12-Apr-11	08-Jul-11	679
1C-16D-SAS3-278	Plane Main Carriageway 250mm	1	12-Apr-11	12-Apr-11	110
1C-16D-SAS3-287	Check suitability of formation (ongoing)	0	13-Apr-11		113
1C-16D-SAS3-285	Excavate to Formation for Carriageway and Track (	2	13-Apr-11	14-Apr-11	110
1C-16D-SAS3-276	Remove existing kerbs to store.	2	13-Apr-11	14-Apr-11	617
1C-16D-SAS3-288	Capping Layer to Adjacent Carriageway (600mm)	2	13-Apr-11	14-Apr-11	123
1C-16D-SAS3-279	Make good Formation with Type 1 (Ave 220mm)	1	18-Apr-11	18-Apr-11	110
1C-16D-SAS3-410	Installation of IMU Drains and Cable Ducting	1	19-Apr-11	19-Apr-11	110
1C-16D-SAS3-271	Carry out inspection and testing of Subgrade	1	20-Apr-11	20-Apr-11	110
1C-16D-SAS3-282	Blinding Concrete	1	21-Apr-11	21-Apr-11	110
1C-16D-SAS3-263	Place RC Improvement Slab (+ cure lag)	1	22-Apr-11	22-Apr-11	110
1C-16D-SAS3-284	Access for Track Laying	0	27-Apr-11		110
1C-16D-SAS3-305	Installation of Noise & Vibration Mat (if reqd)	0	27-Apr-11		110
1C-16D-SAS3-264	Core/Cast OLE Pole Foundations	31	14-Apr-11	27-May-11	587
1C-16D-SAS3-297	Welding & Grinding	2	01-Jun-11	03-Jun-11	110
1C-16D-SAS3-298	Drainage / Rail Connections	2	01-Jun-11	03-Jun-11	113
1C-16D-SAS3-289	Installation of IMU Boxes and Loops	2	01-Jun-11	03-Jun-11	113
1C-16D-SAS3-420	Final Rail Alignment - Check and Approve (bridge r	2	02-Jun-11	06-Jun-11	110
1C-16D-SAS3-291	230mm Concrete Supporting Layer (+ cure lag) (bri	2	06-Jun-11	08-Jun-11	110
1C-16D-TRCK-70	Set track (1x44m)(sleepers/rail) + mob	7	31-May-11	09-Jun-11	110
1C-16D-SAS3-308	Mill Rail Joint / Sealing Compound	4	22-Jun-11	28-Jun-11	589
Drainage & Ducts		56	12-Apr-11	01-Jul-11	677
1C-16D-SAS3-400	Outfall Connections	1	12-Apr-11	12-Apr-11	612
1C-16D-SAS3-261	Drainage to Discharge Points	4	14-Apr-11	19-Apr-11	604
1C-16D-SAS3-262	Traffic Signal Ducts	2	20-Apr-11	21-Apr-11	604
1C-16D-SAS3-253	Lighting Ducts	11	16-Jun-11	01-Jul-11	110
Pavement Construction over tracks		3	15-Jun-11	20-Jun-11	689
1C-16D-SAS3-273	124mm Binder	1	15-Jun-11	16-Jun-11	591
1C-16D-SAS3-274	35mm Wearing Course	1	16-Jun-11	17-Jun-11	591
1C-16D-SAS3-275	15mm Surface Treatment	1	17-Jun-11	20-Jun-11	591
Carriageway Construction		58	15-Apr-11	08-Jul-11	679
1C-16D-SAS3-307	Sub-base 220mm all carriageway areas	1	15-Apr-11	15-Apr-11	123
1C-16D-SAS3-318	Kerbing - Westbound/Islands/Crossings	6	08-Jun-11	16-Jun-11	110
1C-16D-SAS3-299	Gullies	2	15-Jun-11	17-Jun-11	596
1C-16D-SAS3-430	Signs / Street Furniture	5	10-Jun-11	17-Jun-11	589
1C-16D-SAS3-321	Sub-base shape all carriageway areas	1	16-Jun-11	17-Jun-11	596
1C-16D-SAS3-292	Traffic Signals	2	16-Jun-11	20-Jun-11	589
1C-16D-SAS3-294	225mm Base	1	17-Jun-11	20-Jun-11	589
1C-16D-SAS3-335	60mm Binder	1	20-Jun-11	21-Jun-11	589
1C-16D-SAS3-306	35mm Wearing Course	1	21-Jun-11	22-Jun-11	589
1C-16D-SAS3-317	Road Signs and Markings (all except Ph4)	4	22-Jun-11	28-Jun-11	589
1C-16D-SAS3-283	Footpath Works	4	27-Jun-11	01-Jul-11	586

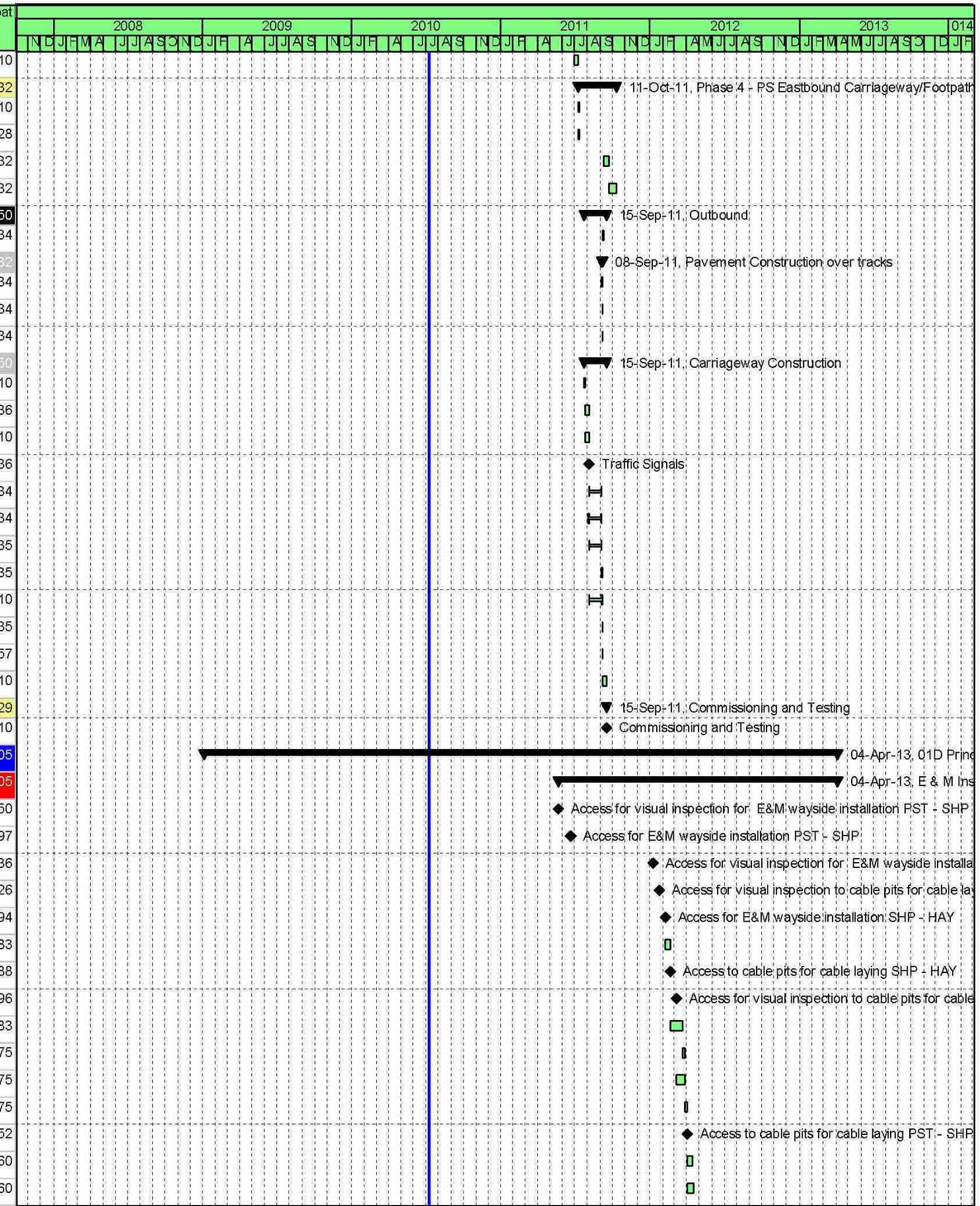


Date	Revision	Checked	Approved
06-Jul-10	ETN Programme Revision 3A Progress to 9 July 2010	SCS	BSC

Actual Work | Critical Remaining Work | Summary
Remaining Work | Milestone

BFB00003291_0145

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
1C-16D-SAS3-470	Phase 3 Completed	5	01-Jul-11	08-Jul-11	110
Phase 4 - PS Eastbound Carriageway/Footpaths and Outbound Track		66	08-Jul-11	11-Oct-11	632
1C-16B-SAS4-460	Erect Pedestrian Barrier	1	08-Jul-11	11-Jul-11	110
1C-16B-SAS4-341	Site Clearance	2	08-Jul-11	12-Jul-11	128
1C-16B-JNCS-60	installation of traffic light control - Junction 32	8	09-Sep-11	21-Sep-11	632
1C-16C-JNCS-60	installation of traffic light control - Junction 31	14	21-Sep-11	11-Oct-11	632
Outbound		37	25-Jul-11	15-Sep-11	650
1C-16B-SAS4-440	Mill Rail Joint / Sealing Compound	1	08-Sep-11	09-Sep-11	534
Pavement Construction over tracks		3	05-Sep-11	08-Sep-11	632
1C-16B-SAS4-324	124mm Binder	1	05-Sep-11	06-Sep-11	534
1C-16B-SAS4-355	35mm Wearing Course	1	06-Sep-11	07-Sep-11	534
1C-16B-SAS4-326	15mm Surface Treatment	1	07-Sep-11	08-Sep-11	534
Carriageway Construction		37	25-Jul-11	15-Sep-11	650
1C-16B-SAS4-328	Sub-base 220mm all carriageway areas	1	25-Jul-11	26-Jul-11	110
1C-16B-SAS4-332	Signs / Street Furniture	5	28-Jul-11	04-Aug-11	536
1C-16B-SAS4-309	Kerbing - Eastbound/Islands/Crossings	8	26-Jul-11	05-Aug-11	110
1C-16B-SAS4-334	Traffic Signals	0	05-Aug-11		536
1C-16B-SAS4-331	Gullies	2	04-Aug-11	05-Sep-11	534
1C-16B-SAS4-303	Sub-base shape all carriageway areas	3	03-Aug-11	05-Sep-11	534
1C-16B-SAS4-336	225mm Base	1	05-Aug-11	05-Sep-11	535
1C-16B-SAS4-337	60mm Binder	1	05-Sep-11	06-Sep-11	535
1C-16B-SAS4-450	Core/Cast OLE Pole Foundations	3	05-Aug-11	07-Sep-11	110
1C-16B-SAS4-338	35mm Wearing Course	1	06-Sep-11	07-Sep-11	535
1C-16B-SAS4-319	Road Signs and Markings	1	07-Sep-11	08-Sep-11	557
1C-16B-SAS4-365	Footpath Works	6	07-Sep-11	15-Sep-11	110
Commissioning and Testing		0	15-Sep-11	15-Sep-11	129
1C-16-SAS-323	Commissioning and Testing	0	15-Sep-11		110
01D Princes Street (inc.) to Haymarket (exc.)		1053	05-Jan-09 A	04-Apr-13	205
E & M Installation		465	23-May-11	04-Apr-13	205
1D-15-OHLE-30	Access for visual inspection for E&M wayside install	0	23-May-11		550
1D-15-OHLE-31	Access for E&M wayside installation PST - SHP	0	22-Jun-11		497
1D-14-OHLE-30	Access for visual inspection for E&M wayside install	0	09-Jan-12		436
1D-14-ELEC-30	Access for visual inspection to cable pits for cable la	0	23-Jan-12		426
1D-14-OHLE-31	Access for E&M wayside installation SHP - HAY	0	07-Feb-12		294
1D-14/15-OHLE-50(3)	Installation of poles and building fixings -10 (13 0037	10	07-Feb-12	21-Feb-12	383
1D-14-ELEC-31	Access to cable pits for cable laying SHP - HAY	0	21-Feb-12		288
1D-15-ELEC-30	Access for visual inspection to cable pits for cable la	0	05-Mar-12		396
1D-14/15-OHLE-60(3)	Overhead Catenary Line -10 (13 0037 - 20 0022 +	22	21-Feb-12	22-Mar-12	383
1D-14-SIGN-90	installation of SIG equipment on crossover SHP	5	20-Mar-12	27-Mar-12	375
1D-14-SIGN-40	Installation of SIG-interlocking cubicle SHP	15	06-Mar-12	27-Mar-12	375
1D-14-SIGN-80	Commissioning of SIG -interlocking cubicle SHP	5	27-Mar-12	03-Apr-12	375
1D-15-ELEC-31	Access to cable pits for cable laying PST - SHP	0	03-Apr-12		352
1D-14/15-TELC-70	Install Fibre Optic Cables PST - SHP - HAY	8	03-Apr-12	13-Apr-12	360
1D-15-SGNW-60	Install Signalling Wayside Equipment PST - SHP	9	03-Apr-12	16-Apr-12	360



Date	Revision	Checked	Approved
06-Jul-10	ETN Programme Revision 3A Progress to 9 July 2010	SCS	BSC

Actual Work | Critical Remaining Work | Summary
Remaining Work | Milestone

BFB00003291_0146

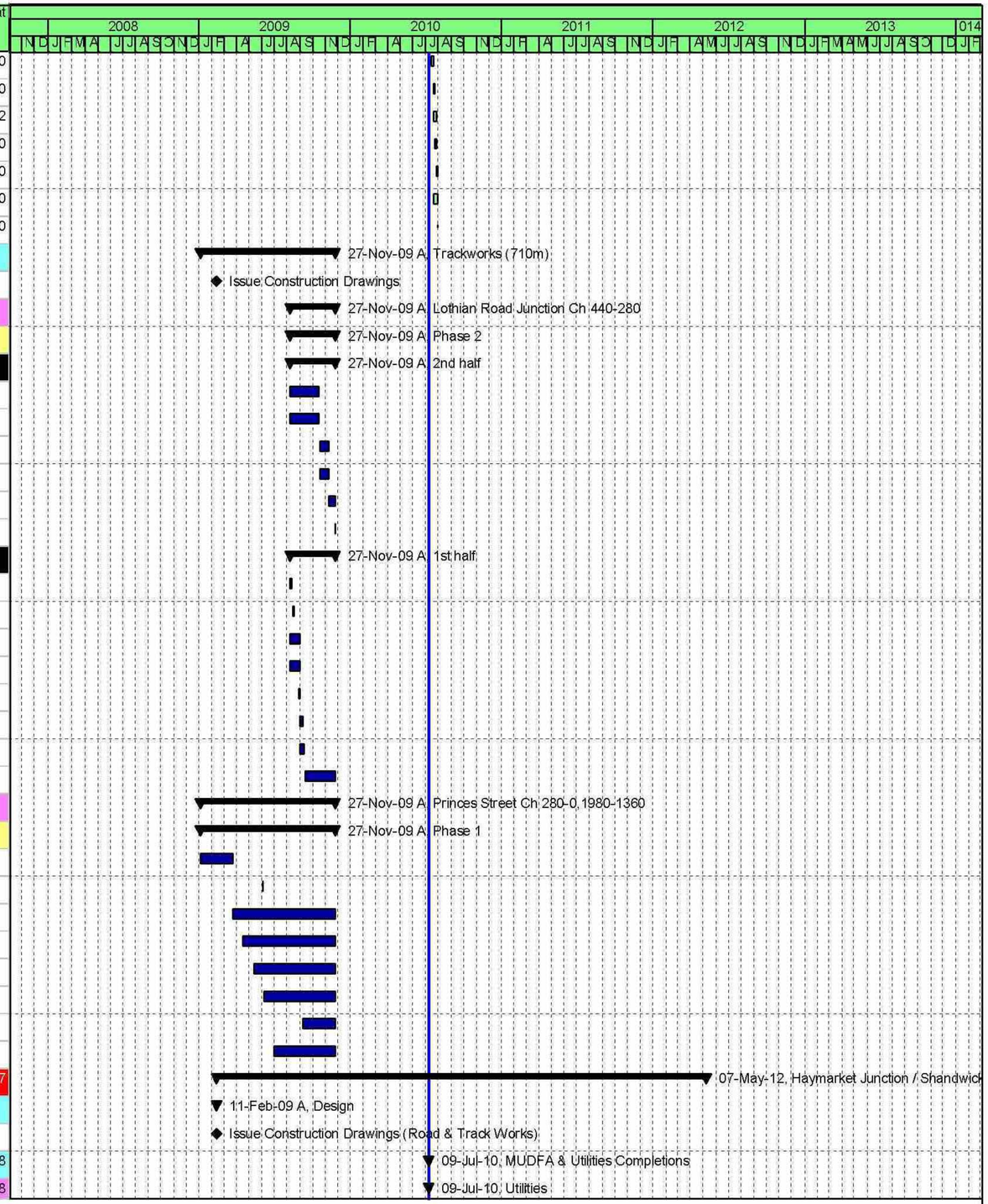
Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
1D-14-SGNW-60	Install Signalling Wayside Equipment SHP - HAY	6	16-Apr-12	24-Apr-12	360
1D-15/16-TELC-60	Install Fibre Optic Cables SAS - PST - SHP	7	13-Apr-12	24-Apr-12	360
1D-13//17-ELEC-60	Install Electrical Cables CAE - HTE	23	04-Mar-13	04-Apr-13	183
Princes Street West (inc.) to Shadwick Place (exc.)		460	05-Jan-09 A	30-Jul-10	821
Roadworks		460	05-Jan-09 A	30-Jul-10	821
12270	Issue Construction Drawings	0		11-Feb-09 A	
Princes Street Ch 280-0,1980-1360		380	05-Jan-09 A	27-Nov-09 A	
South Channel		380	05-Jan-09 A	27-Nov-09 A	
A13940	Establish Traffic Management & Temp. Fencing	2	05-Jan-09 A	23-Mar-09 A	
A13950	Excavate South kerbline	19	07-Sep-09 A	27-Nov-09 A	
A13960	Relay South kerbs	48	07-Sep-09 A	27-Nov-09 A	
A13970	Reset Gullies	48	07-Sep-09 A	27-Nov-09 A	
A13980	Plane out wearing course	10	07-Sep-09 A	27-Nov-09 A	
A13990	Resurface road	30	07-Sep-09 A	27-Nov-09 A	
A14000	Pavement (1m strip)	48	07-Sep-09 A	27-Nov-09 A	
A14010	White Lines	1	25-Nov-09 A	27-Nov-09 A	
A14020	Street Lighting / Road signs	5	23-Nov-09 A	27-Nov-09 A	
A14030	Remove fencing and Traffic Management	3	27-Nov-09 A	27-Nov-09 A	
North Channel		352	05-Jan-09 A	27-Nov-09 A	
A13840	Establish Traffic Management & Temp. Fencing	2	05-Jan-09 A	23-Mar-09 A	
A13850	Excavate North kerbline	19	13-Jul-09 A	27-Nov-09 A	
A13860	Relay North kerbs	48	13-Jul-09 A	27-Nov-09 A	
A13870	Reset Gullies	48	07-Sep-09 A	27-Nov-09 A	
A13880	Plane out wearing course	10	07-Sep-09 A	27-Nov-09 A	
A13890	Resurface road	7	07-Sep-09 A	27-Nov-09 A	
A13900	Pavement (1m strip)	48	07-Sep-09 A	27-Nov-09 A	
A13910	White Lines	1	25-Nov-09 A	27-Nov-09 A	
A13920	Street Lighting / Road signs	5	23-Nov-09 A	27-Nov-09 A	
A13930	Remove fencing and Traffic Management	1	27-Nov-09 A	27-Nov-09 A	
Lothian Road Junction Ch 440-280		392	05-Jan-09 A	30-Jul-10	821
Phase 1		93	05-Jan-09 A	20-Mar-09 A	
A8250	Establish Traffic Management & Temp. Fencing	2	05-Jan-09 A	20-Mar-09 A	
A8260	Take down permanent traffic signs / signals	5	05-Jan-09 A	20-Mar-09 A	
A8270	Excavate traffic islands	3	05-Jan-09 A	20-Mar-09 A	
A8280	Subbase	2	05-Jan-09 A	20-Mar-09 A	
A8290	Temporary surfacing	3	05-Jan-09 A	20-Mar-09 A	
A8300	Temporary Traffic signals / signs / white lines	5	05-Jan-09 A	20-Mar-09 A	
A8310	Remove fencing and Traffic Management	1	05-Jan-09 A	20-Mar-09 A	
Phase 2		16	09-Jul-10	30-Jul-10	821
A8490	Establish Traffic Management & Temp. Fencing	2	09-Jul-10	12-Jul-10	680
A8500	Excavate North kerbline	2	13-Jul-10	14-Jul-10	680
A8510	Relay North kerbs	5	14-Jul-10	20-Jul-10	680

Date	Revision	Checked	Approved
06-Jul-10	ETN Programme Revision 3A Progress to 9 July 2010	SCS	BSC

Actual Work | Critical Remaining Work | Summary
Remaining Work | Milestone

BFB00003291_0147

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
A8520	Reset Gullies	5	15-Jul-10	21-Jul-10	680
A8530	Plane out wearing course	2	22-Jul-10	23-Jul-10	680
A8550	Pavement (1m strip)	5	21-Jul-10	27-Jul-10	682
A8540	Resurface road	3	26-Jul-10	28-Jul-10	680
A8560	White Lines	1	29-Jul-10	29-Jul-10	680
A8570	Street Lighting / Road signs	7	21-Jul-10	29-Jul-10	680
A8670	Remove fencing and Traffic Management	1	30-Jul-10	30-Jul-10	680
Trackworks (710m)		410	05-Jan-09 A	27-Nov-09 A	
12280	Issue Construction Drawings	0		11-Feb-09 A	
Lothian Road Junction Ch 440-280		198	10-Aug-09 A	27-Nov-09 A	
Phase 2		198	10-Aug-09 A	27-Nov-09 A	
2nd half		16	10-Aug-09 A	27-Nov-09 A	
A8410	Excavate box	2	10-Aug-09 A	19-Oct-09 A	
A8420	Excavate, lay and concrete ducts	3	10-Aug-09 A	19-Oct-09 A	
1D-15C-TRCK-70	Set Track (100m)	4	20-Oct-09 A	11-Nov-09 A	
A8460	Place upper concrete and cure	4	20-Oct-09 A	11-Nov-09 A	
A8470	Street Surface finishes	3	11-Nov-09 A	25-Nov-09 A	
A8480	Remove fencing and Traffic Management	1	25-Nov-09 A	27-Nov-09 A	
1st half		195	10-Aug-09 A	27-Nov-09 A	
A8320	Establish Traffic Management & Temp. Fencing	2	10-Aug-09 A	11-Aug-09 A	
A8330	Excavate box	2	14-Aug-09 A	17-Aug-09 A	
A8340	Excavate, lay and concrete ducts	3	10-Aug-09 A	01-Sep-09 A	
A8350	Excavate and construct OLE bases	3	10-Aug-09 A	01-Sep-09 A	
1D-15B-TRCK-69	Set Track Demob 5B / Remob 1D	3	31-Aug-09 A	01-Sep-09 A	
1D-15B-TRCK-70	Set Track (100m)	4	02-Sep-09 A	09-Sep-09 A	
A8380	Place upper concrete and cure	4	03-Sep-09 A	10-Sep-09 A	
A8390	Street Surface finishes	3	14-Sep-09 A	27-Nov-09 A	
Princes Street Ch 280-0,1980-1360		371	05-Jan-09 A	27-Nov-09 A	
Phase 1		371	05-Jan-09 A	27-Nov-09 A	
A13760	Establish Traffic Management & Temp. Fencing	2	05-Jan-09 A	23-Mar-09 A	
1D-16-TRCK-69	Set Track Demob 5B / Remob 1C	3	04-Jun-09 A	05-Jun-09 A	
A13770	Excavate box	36	24-Mar-09 A	27-Nov-09 A	
A13780	Excavate, lay and concrete ducts	54	17-Apr-09 A	27-Nov-09 A	
A13790	Excavate and construct OLE bases	54	13-May-09 A	27-Nov-09 A	
1D-16-TRCK-70	Set Track (950m)	54	08-Jun-09 A	27-Nov-09 A	
A13830	Street Surface finishes	28	07-Sep-09 A	27-Nov-09 A	
A13820	Place Upper Concrete and Cure	54	01-Jul-09 A	27-Nov-09 A	
Haymarket Junction / Shandwick Place (Sections 1D Ch.130,380 to 2A Ch		792	11-Feb-09 A	07-May-12	387
Design		0	11-Feb-09 A	11-Feb-09 A	
12320	Issue Construction Drawings (Road & Track Works)	0		11-Feb-09 A	
MUDFA & Utilities Completions		0	09-Jul-10	09-Jul-10	488
Utilities		0	09-Jul-10	09-Jul-10	488

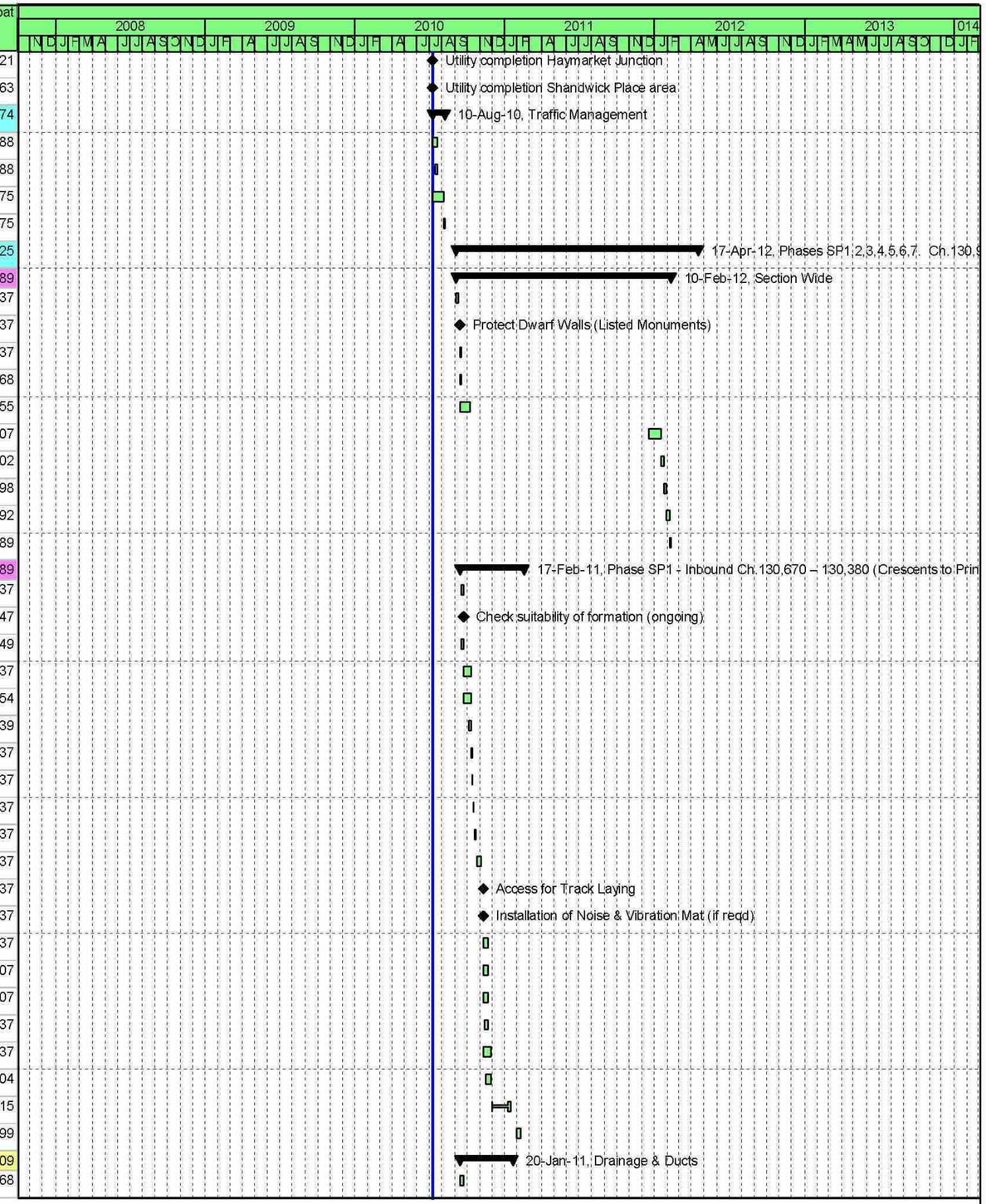


Date	Revision	Checked	Approved
06-Jul-10	ETN Programme Revision 3A Progress to 9 July 2010	SCS	BSC

Actual Work | Critical Remaining Work | Summary
Remaining Work | Milestone

BFB00003291_0148

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
1D-14-1065	Utility completion Haymarket Junction	0		09-Jul-10*	721
1D-15-1075	Utility completion Shandwick Place area	0		09-Jul-10*	263
Traffic Management		21	09-Jul-10	10-Aug-10	474
1D-14-1055	Enabling Works - Haymarket Junction	7	09-Jul-10*	20-Jul-10	488
1D-14-H1-928	TM Phase H1 - (Main Area - Eastbound Side)	2	16-Jul-10	20-Jul-10	488
1D-15-1016	Enabling Works - Shandwick Place	19	09-Jul-10*	06-Aug-10	175
1D-15-SP1-935	TM Phase Ch.130,960 – 130,380 (Palmerston Plac	2	06-Aug-10	10-Aug-10	175
Phases SP1,2,3,4,5,6,7. Ch.130,960 – 130,380 (Palmerston Place – Prince		396	06-Sep-10	17-Apr-12	425
Section Wide		349	06-Sep-10	10-Feb-12	489
1D-14/15-469	Erect Pedestrian Barrier	5	06-Sep-10	10-Sep-10	137
1D-14/15-730	Protect Dwarf Walls (Listed Monuments)	0	13-Sep-10		137
1D-14/15-501	Tree Removal	4	13-Sep-10	16-Sep-10	137
1D-14/15-493	Investigate services / outfall positions / inlet-outlet p	4	13-Sep-10	16-Sep-10	168
1D-14/15-502	Site Clearance & Site Compound	20	13-Sep-10	08-Oct-10	655
1D-14/15-JNCS-60	installation of traffic light control - Junction 41	11	19-Dec-11	17-Jan-12	507
1D-14/15-JNCS-70	installation of traffic light control - Junction 42	5	17-Jan-12	24-Jan-12	502
1D-14/15-JNCS-80	installation of traffic light control - Junction 43	4	24-Jan-12	30-Jan-12	498
1D-14/15-JNCS-90	installation of traffic light control - Junction 44	6	30-Jan-12	07-Feb-12	492
1D-14/15-JNCS-100	installation of traffic light control - Junction 45	3	07-Feb-12	10-Feb-12	489
Phase SP1 - Inbound Ch.130,670 – 130,380 (Crescents to Princes Street)		101	15-Sep-10	17-Feb-11	689
1D-14O-SP1-595	Plane Main Carriageway 250mm	4	17-Sep-10	22-Sep-10	137
1D-14O-SP1-498	Check suitability of formation (ongoing)	0	23-Sep-10		147
1D-14O-SP1-514	Core/Cast OLE Pole Foundations	5	17-Sep-10	23-Sep-10	349
1D-14O-SP1-516	Excavate to Formation for Carriageway and Track (	13	23-Sep-10	11-Oct-10	137
1D-14O-SP1-497	Remove existing kerbs	13	23-Sep-10	11-Oct-10	654
1D-14O-SP1-489	Capping Layer to Adjacent Carriageway (600mm)	5	05-Oct-10	11-Oct-10	139
1D-14O-SP1-820	Make good Formation with Type 1 (Ave 220mm)	2	12-Oct-10	13-Oct-10	137
1D-14O-SP1-511	Installation of IMU Drains and Cable Ducting	2	14-Oct-10	15-Oct-10	137
1D-14O-SP1-512	Carry out inspection and testing of Subgrade	1	18-Oct-10	18-Oct-10	137
1D-14O-SP1-513	Blinding Concrete	4	19-Oct-10	22-Oct-10	137
1D-14O-SP1-654	250mm RC Improvement Slab (+ cure lag)	8	25-Oct-10	05-Nov-10	137
1D-14O-SP1-665	Access for Track Laying	0	10-Nov-10		137
1D-14O-SP1-596	Installation of Noise & Vibration Mat (if reqd)	0	10-Nov-10		137
1D-14O-SP1-508	Welding & Grinding	8	11-Nov-10	22-Nov-10	137
1D-14O-SP1-499	Drainage / Rail Connections	8	11-Nov-10	22-Nov-10	307
1D-14O-SP1-830	Installation of IMU Boxes and Loops	8	11-Nov-10	22-Nov-10	307
1D-14O-SP1-521	Final Rail Alignment - Check and Approve	8	12-Nov-10	23-Nov-10	137
1D-14O-TRCK-70(3)	Set track (1x288m)(sleepers/rail) + mob	14	10-Nov-10	29-Nov-10	137
1D-14O-SP1-522	230mm Concrete Supporting Layer (+ cure lag)	10	16-Nov-10	29-Nov-10	304
1D-14O-SP1-655	OLE Wall Fixings Inbound	6	30-Nov-10	14-Jan-11	615
1D-14O-SP1-523	Mill Rail Joint / Sealing Compound	6	31-Jan-11	07-Feb-11	599
Drainage & Ducts		81	15-Sep-10	20-Jan-11	709
1D-14O-SP1-487	Outfall Connections	5	15-Sep-10	21-Sep-10	168

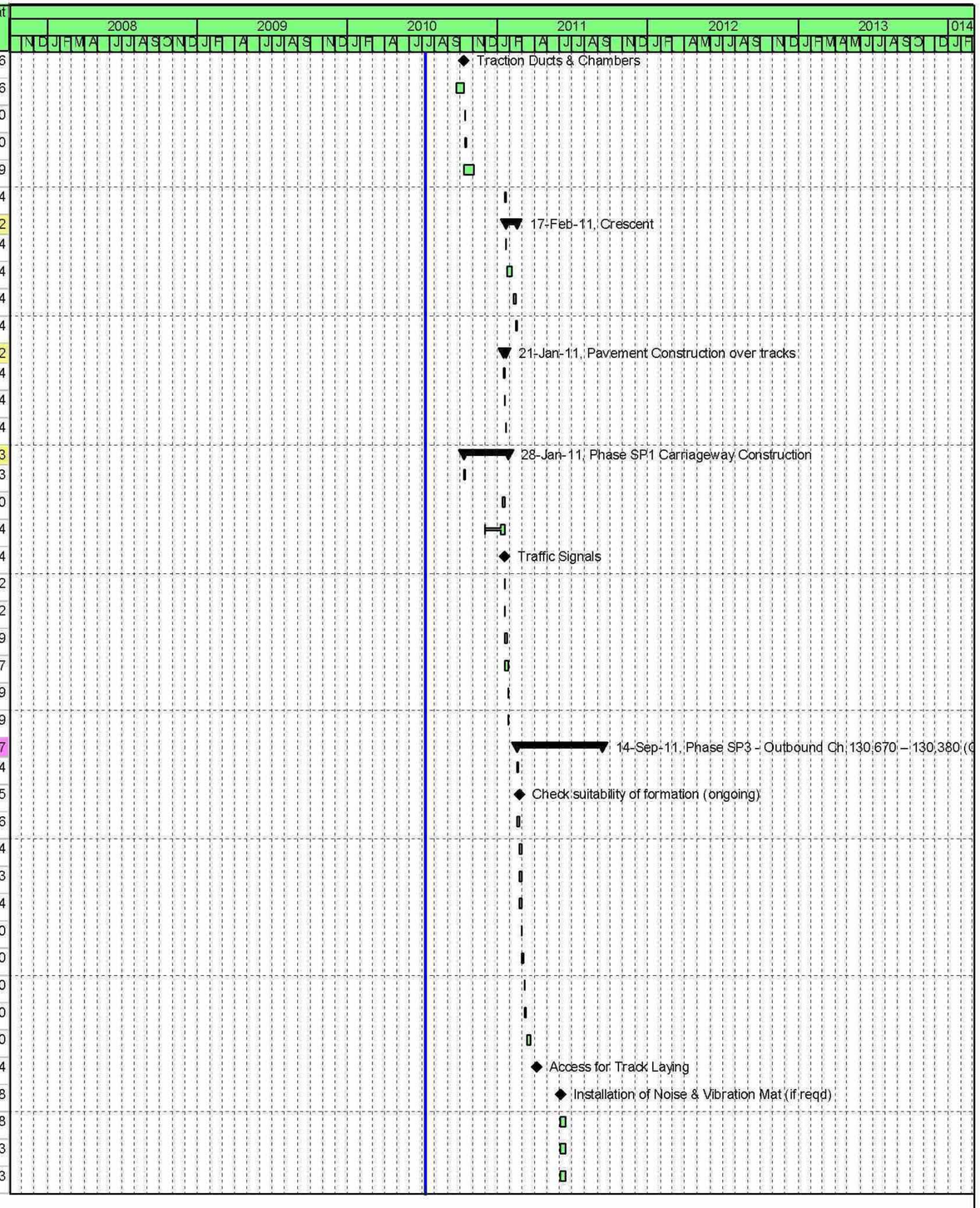


Date	Revision	Checked	Approved
06-Jul-10	ETN Programme Revision 3A Progress to 9 July 2010	SCS	BSC

Actual Work | Critical Remaining Work | Summary
Remaining Work | Milestone

BFB00003291_0149

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
1D-14O-SP1-690	Traction Ducts & Chambers	0	12-Oct-10		156
1D-14O-SP1-478	Drainage to Discharge Points	14	23-Sep-10	12-Oct-10	346
1D-14O-SP1-479	Aco Channel	3	13-Oct-10	15-Oct-10	650
1D-14O-SP1-492	Traffic Signal Ducts	4	13-Oct-10	18-Oct-10	640
1D-14O-SP1-491	Comms Ducts & Chambers	17	12-Oct-10	05-Nov-10	139
1D-14O-SP1-483	Lighting Ducts	2	19-Jan-11	20-Jan-11	304
Crescent		20	21-Jan-11	17-Feb-11	342
1D-14O-SP1-504	Excavate existing junction	1	21-Jan-11	21-Jan-11	304
1D-14O-SP1-515	Kerbing	10	24-Jan-11	04-Feb-11	304
1D-14O-SP1-506	Setted Area	6	07-Feb-11	14-Feb-11	304
1D-14O-SP1-507	Footpath	3	15-Feb-11	17-Feb-11	304
Pavement Construction over tracks		6	14-Jan-11	21-Jan-11	702
1D-14O-SP1-519	124mm Binder	3	14-Jan-11	18-Jan-11	604
1D-14O-SP1-850	35mm Wearing Course	1	19-Jan-11	19-Jan-11	604
1D-14O-SP1-601	15mm Surface Treatment	2	20-Jan-11	21-Jan-11	604
Phase SP1 Carriageway Construction		68	12-Oct-10	28-Jan-11	703
1D-14O-SP1-1003	Sub-base 220mm all carriageway areas	4	12-Oct-10	15-Oct-10	333
1D-14O-SP1-1006	Signs / Street Furniture	5	11-Jan-11	17-Jan-11	600
1D-14O-SP1-1004	Kerbing - Eastbound/Islands/Crossings	8	30-Nov-10	18-Jan-11	304
1D-14O-SP1-1008	Traffic Signals	0	19-Jan-11		604
1D-14O-SP1-1035	Gullies	2	18-Jan-11	19-Jan-11	612
1D-14O-SP1-997	Sub-base shape all carriageway areas	3	17-Jan-11	19-Jan-11	612
1D-14O-SP1-1190	225mm Base	5	19-Jan-11	25-Jan-11	599
1D-14O-SP1-999	Footpath Works	6	19-Jan-11	26-Jan-11	607
1D-14O-SP1-1021	60mm Binder	2	26-Jan-11	27-Jan-11	599
1D-14O-SP1-992	35mm Wearing Course	1	28-Jan-11	28-Jan-11	599
Phase SP3 - Outbound Ch.130,670 – 130,380 (Crescents to Princes Stre		145	18-Feb-11	14-Sep-11	587
1D-14P-SP3-568	Plane Main Carriageway 250mm	2	18-Feb-11	21-Feb-11	304
1D-14P-SP3-580	Check suitability of formation (ongoing)	0	22-Feb-11		305
1D-14P-SP3-576	Core/Cast OLE Pole Foundations	4	18-Feb-11	23-Feb-11	346
1D-14P-SP3-578	Excavate to Formation for Carriageway and Track (	6	22-Feb-11	01-Mar-11	304
1D-14P-SP3-579	Remove existing kerbs	6	22-Feb-11	01-Mar-11	583
1D-14P-SP3-581	Capping Layer to Adjacent Carriageway (600mm)	5	23-Feb-11	01-Mar-11	304
1D-14P-SP3-582	Make good Formation with Type 1 (Ave 220mm)	1	02-Mar-11	02-Mar-11	310
1D-14P-SP3-583	Installation of IMU Drains and Cable Ducting	2	03-Mar-11	04-Mar-11	310
1D-14P-SP3-584	Carry out inspection and testing of Subgrade	1	07-Mar-11	07-Mar-11	310
1D-14P-SP3-585	Blinding Concrete	4	08-Mar-11	11-Mar-11	310
1D-14P-SP3-586	250mm RC Improvement Slab (+ cure lag)	8	14-Mar-11	23-Mar-11	310
1D-14P-SP3-587	Access for Track Laying	0	06-Apr-11		304
1D-14P-SP3-588	Installation of Noise & Vibration Mat (if reqd)	0	02-Jun-11		288
1D-14P-SP3-590	Welding & Grinding	8	03-Jun-11	15-Jun-11	288
1D-14P-SP3-591	Drainage / Rail Connections	8	03-Jun-11	15-Jun-11	293
1D-14P-SP3-592	Installation of IMU Boxes and Loops	8	03-Jun-11	15-Jun-11	293

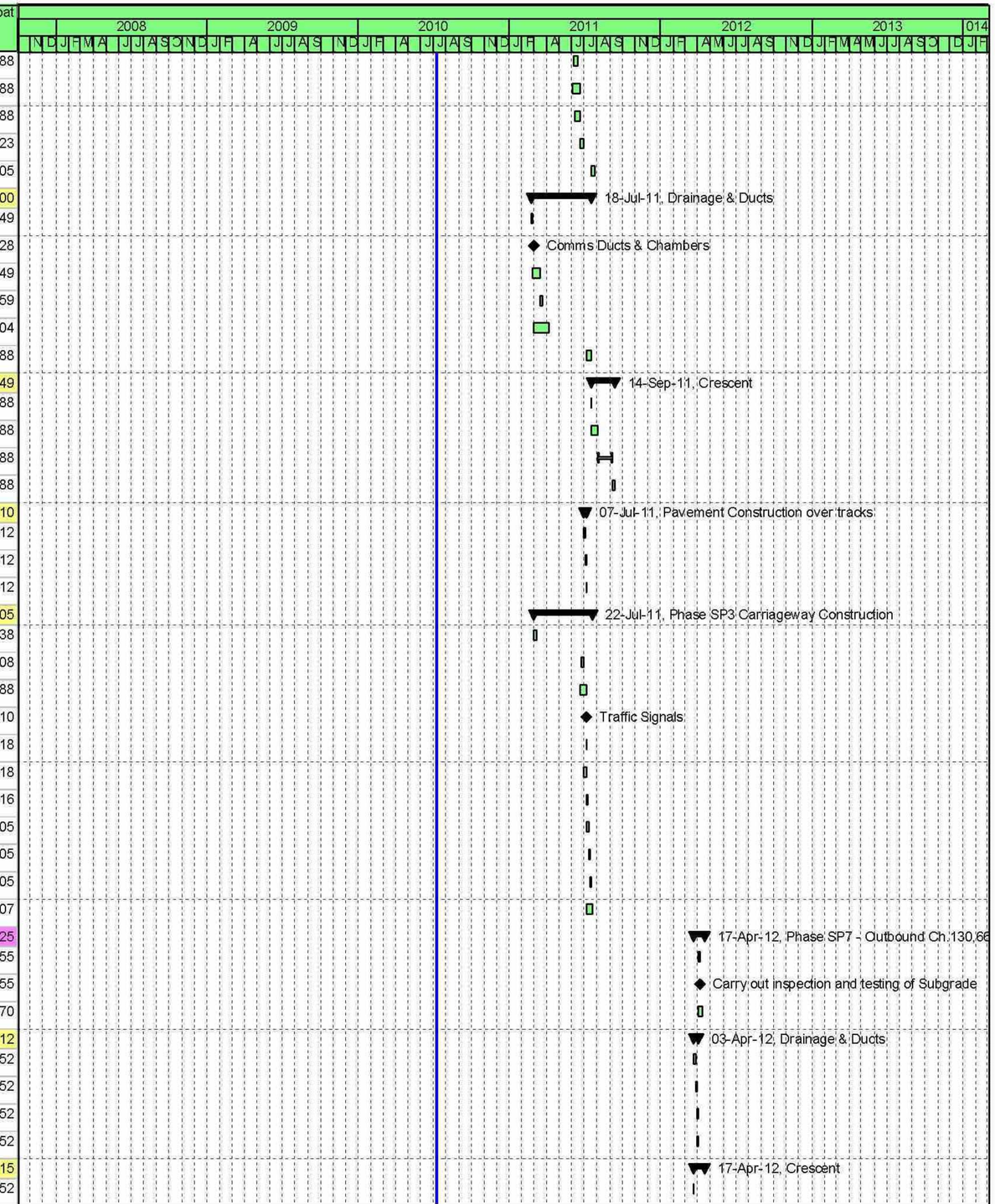


Date	Revision	Checked	Approved
06-Jul-10	ETN Programme Revision 3A Progress to 9 July 2010	SCS	BSC

Actual Work | Critical Remaining Work | Summary
Remaining Work | Milestone

BFB00003291_0150

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
1D-14P-SP3-593	Final Rail Alignment - Check and Approve	8	06-Jun-11	16-Jun-11	288
1D-14P-TRCK-70(3)	Set track (1x288m)(sleepers/rail) + mob	14	02-Jun-11	22-Jun-11	288
1D-14P-SP3-594	230mm Concrete Supporting Layer (+ cure lag)	10	08-Jun-11	22-Jun-11	288
1D-14P-SP3-577	OLE Wall Fixings Outbound	6	22-Jun-11	30-Jun-11	523
1D-14P-SP3-616	Mill Rail Joint / Sealing Compound	6	18-Jul-11	26-Jul-11	505
Drainage & Ducts		102	22-Feb-11	18-Jul-11	600
1D-14P-SP3-570	Outfall Connections	4	22-Feb-11	25-Feb-11	349
1D-14P-SP3-573	Comms Ducts & Chambers	0	02-Mar-11		328
1D-14P-SP3-571	Drainage to Discharge Points	13	28-Feb-11	16-Mar-11	349
1D-14P-SP3-574	Traffic Signal Ducts	4	17-Mar-11	22-Mar-11	559
1D-14P-SP3-572	Traction Ducts & Chambers	24	02-Mar-11	05-Apr-11	304
1D-14P-SP3-575	Lighting Ducts	8	06-Jul-11	18-Jul-11	288
Crescent		41	18-Jul-11	14-Sep-11	349
1D-14P-SP3-836	Excavate existing junction	1	18-Jul-11	19-Jul-11	288
1D-14P-SP3-807	Kerbing	10	19-Jul-11	02-Aug-11	288
1D-14P-SP3-818	Setted Area	7	02-Aug-11	08-Sep-11	288
1D-14P-SP3-809	Footpath	4	08-Sep-11	14-Sep-11	288
Pavement Construction over tracks		6	29-Jun-11	07-Jul-11	610
1D-14P-SP3-821	124mm Binder	3	29-Jun-11	04-Jul-11	512
1D-14P-SP3-792	35mm Wearing Course	1	04-Jul-11	05-Jul-11	512
1D-14P-SP3-803	15mm Surface Treatment	2	05-Jul-11	07-Jul-11	512
Phase SP3 Carriageway Construction		100	02-Mar-11	22-Jul-11	605
1D-14P-SP3-605	Sub-base 220mm all carriageway areas	4	02-Mar-11	07-Mar-11	338
1D-14P-SP3-608	Signs / Street Furniture	5	24-Jun-11	01-Jul-11	508
1D-14P-SP3-606	Kerbing - Eastbound/Islands/Crossings	10	22-Jun-11	06-Jul-11	288
1D-14P-SP3-610	Traffic Signals	0	06-Jul-11		510
1D-14P-SP3-607	Gullies	2	05-Jul-11	07-Jul-11	518
1D-14P-SP3-609	Sub-base shape all carriageway areas	4	01-Jul-11	07-Jul-11	518
1D-14P-SP3-611	Pedestrian Guardrails	2	06-Jul-11	08-Jul-11	516
1D-14P-SP3-613	225mm Base	5	06-Jul-11	13-Jul-11	505
1D-14P-SP3-614	60mm Binder	2	13-Jul-11	15-Jul-11	505
1D-14P-SP3-615	35mm Wearing Course	1	15-Jul-11	18-Jul-11	505
1D-14P-SP3-612	Footpath Works	12	06-Jul-11	22-Jul-11	507
Phase SP7 - Outbound Ch.130,660 (East Atholl Crescent)		20	20-Mar-12	17-Apr-12	425
1D-14-SP7-769	Make good Formation with Type 1	1	03-Apr-12	04-Apr-12	355
1D-14-SP7-800	Carry out inspection and testing of Subgrade	0	04-Apr-12		355
1D-14-SP7-776	Traffic Signals	5	03-Apr-12	10-Apr-12	370
Drainage & Ducts		8	22-Mar-12	03-Apr-12	412
1D-14-SP7-765	Outfall Connections	2	22-Mar-12	26-Mar-12	352
1D-14-SP7-766	Drainage to Discharge Points	4	26-Mar-12	30-Mar-12	352
1D-14-SP7-767	Traffic Signal Ducts	2	30-Mar-12	03-Apr-12	352
1D-14-SP7-768	Lighting Ducts	2	30-Mar-12	03-Apr-12	352
Crescent		20	20-Mar-12	17-Apr-12	415
1D-14-SP7-772	Excavate existing junction	2	20-Mar-12	22-Mar-12	352

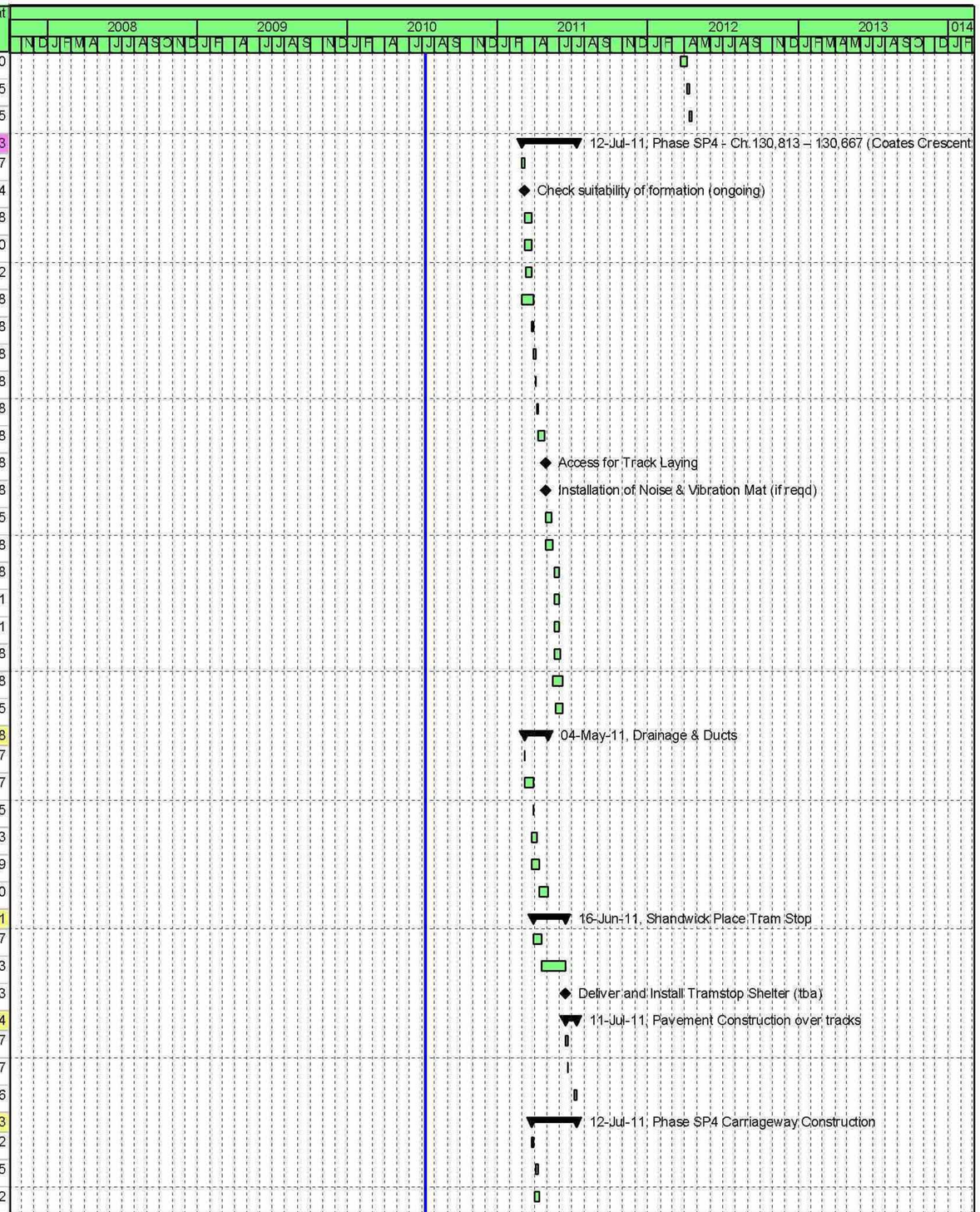


Date	Revision	Checked	Approved
06-Jul-10	ETN Programme Revision 3A Progress to 9 July 2010	SCS	BSC

Actual Work | Critical Remaining Work | Summary
Remaining Work | Milestone

BFB00003291_0151

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
1D-14-SP7-773	Kerbing	10	22-Mar-12	05-Apr-12	360
1D-14-SP7-774	Setted Area	6	04-Apr-12	12-Apr-12	355
1D-14-SP7-775	Footpath	3	12-Apr-12	17-Apr-12	355
Phase SP4 - Ch.130,813 – 130,667 (Coates Crescent / Atholl Crescent)		**91**	**02-Mar-11**	**12-Jul-11**	**613**
1D-14R-SP4-618	Plane Main Carriageway for Overlay	3	02-Mar-11	07-Mar-11	137
1D-14R-SP4-629	Check suitability of formation (ongoing)	0	07-Mar-11		294
1D-14R-SP4-627	Excavate to Formation for Carriageway and Track (	13	07-Mar-11	24-Mar-11	288
1D-14R-SP4-628	Remove existing kerbs	13	07-Mar-11	24-Mar-11	590
1D-14R-SP4-630	Capping Layer to Adjacent Carriageway (600mm)	11	09-Mar-11	24-Mar-11	292
1D-14R-SP4-626	Core/Cast OLE Pole Foundations	18	02-Mar-11	28-Mar-11	588
1D-14R-SP4-631	Make good Formation with Type 1 (Ave 220mm)	2	24-Mar-11	28-Mar-11	288
1D-14R-SP4-632	Installation of IMU Drains and Cable Ducting	4	28-Mar-11	04-Apr-11	288
1D-14R-SP4-633	Carry out inspection and testing of Subgrade	1	04-Apr-11	05-Apr-11	288
1D-14R-SP4-634	Blinding Concrete	4	05-Apr-11	11-Apr-11	288
1D-14R-SP4-635	250mm RC Improvement Slab (+ cure lag)	10	11-Apr-11	25-Apr-11	288
1D-14R-SP4-636	Access for Track Laying	0	27-Apr-11		288
1D-14R-SP4-637	Installation of Noise & Vibration Mat (if reqd)	0	27-Apr-11		288
1D-14/15-SIGN-70	point machine mechanical set up	10	27-Apr-11	12-May-11	655
1D-14R-TRCK-90(3)	Track Crossover + mob	13	27-Apr-11	17-May-11	288
1D-14R-SP4-640	Welding & Grinding	9	18-May-11	01-Jun-11	288
1D-14R-SP4-641	Drainage / Rail Connections	9	18-May-11	01-Jun-11	521
1D-14R-SP4-642	Installation of IMU Boxes and Loops	9	18-May-11	01-Jun-11	521
1D-14R-SP4-643	Final Rail Alignment - Check and Approve	9	19-May-11	02-Jun-11	288
1D-14R-TRCK-70(3)	Set track (2x146m)(sleepers/rail) + mob	15	17-May-11	08-Jun-11	288
1D-14R-SP4-644	230mm Concrete Supporting Layer (+ cure lag)	12	23-May-11	09-Jun-11	515
Drainage & Ducts		**40**	**07-Mar-11**	**04-May-11**	**638**
1D-14R-SP4-620	Outfall Connections	1	07-Mar-11	08-Mar-11	137
1D-14R-SP4-621	Drainage to Discharge Points	14	08-Mar-11	28-Mar-11	137
1D-14R-SP4-624	Traffic Signal Ducts	2	28-Mar-11	30-Mar-11	305
1D-14R-SP4-623	Comms Ducts & Chambers	8	24-Mar-11	06-Apr-11	303
1D-14R-SP4-622	Traction Ducts & Chambers	12	24-Mar-11	12-Apr-11	299
1D-14R-SP4-625	Lighting Ducts	14	13-Apr-11	04-May-11	540
Shandwick Place Tram Stop		**55**	**28-Mar-11**	**16-Jun-11**	**631**
1D-14R-SP4-646	Ducting and Chambers	15	28-Mar-11	19-Apr-11	137
1D-14R-SP4-647	Tramstop Platform	40	19-Apr-11	16-Jun-11	533
1D-14R-SP4-648	Deliver and Install Tramstop Shelter (tba)	0	16-Jun-11*		533
Pavement Construction over tracks		**17**	**16-Jun-11**	**11-Jul-11**	**614**
1D-14R-SP4-1020	124mm Binder	3	16-Jun-11	21-Jun-11	527
1D-14R-SP4-841	35mm Wearing Course	1	21-Jun-11	22-Jun-11	527
1D-14R-SP4-802	15mm Surface Treatment	2	07-Jul-11	11-Jul-11	516
Phase SP4 Carriageway Construction		**75**	**24-Mar-11**	**12-Jul-11**	**613**
1D-14R-SP4-844	Sub-base 220mm all carriageway areas	4	24-Mar-11	30-Mar-11	292
1D-14R-SP4-847	Signs / Street Furniture	5	04-Apr-11	11-Apr-11	295
1D-14R-SP4-895	Kerbing - Eastbound/Westbound K7	9	30-Mar-11	13-Apr-11	292

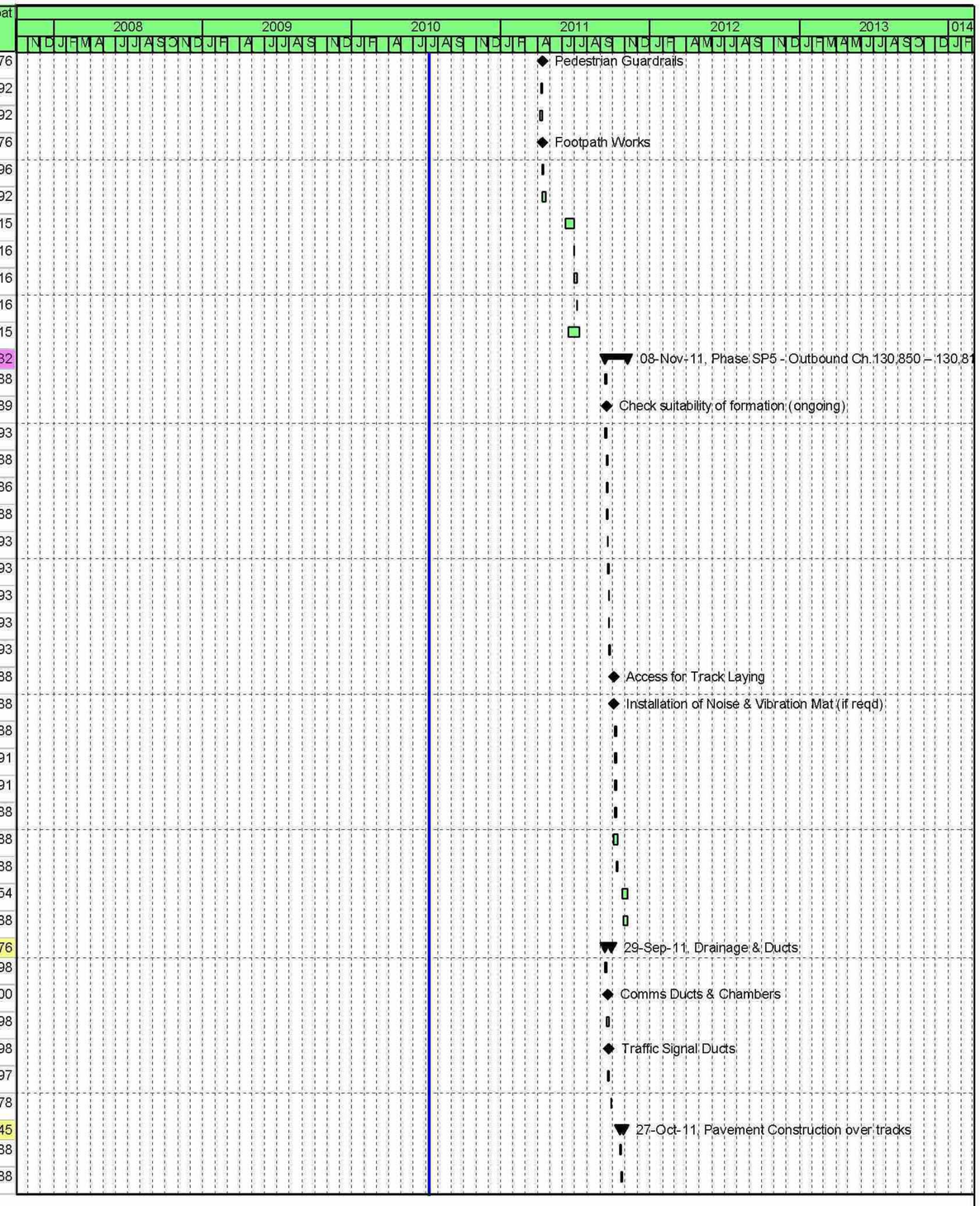


Date	Revision	Checked	Approved
06-Jul-10	ETN Programme Revision 3A Progress to 9 July 2010	SCS	BSC

Actual Work | Critical Remaining Work | Summary
Remaining Work | Milestone

BFB00003291_0152

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
1D-14R-SP4-1040	Pedestrian Guardrails	0	13-Apr-11		576
1D-14R-SP4-866	Gullies	3	11-Apr-11	14-Apr-11	292
1D-14R-SP4-868	Sub-base shape all carriageway areas	6	06-Apr-11	14-Apr-11	292
1D-14R-SP4-861	Footpath Works	0	14-Apr-11		576
1D-14R-SP4-849	Traffic Signals	2	13-Apr-11	15-Apr-11	296
1D-14R-SP4-822	225mm Base - Nearside Lanes only	5	14-Apr-11	21-Apr-11	292
1D-14R-SP4-843	Kerbing - Tramstop K7/K11	14	09-Jun-11*	29-Jun-11	515
1D-14R-SP4-905	225mm Base	2	29-Jun-11	01-Jul-11	516
1D-14R-SP4-876	60mm Binder	2	01-Jul-11	05-Jul-11	516
1D-14R-SP4-857	35mm Wearing Course	2	05-Jul-11	07-Jul-11	516
1D-14R-SP4-854	Setted Area	18	16-Jun-11	12-Jul-11	515
Phase SP5 - Outbound Ch.130,850 – 130,813 (Palmerston Place – Cresc		**39**	**14-Sep-11**	**08-Nov-11**	**532**
1D-14W-SP5-709	Plane Main Carriageway 250mm	1	14-Sep-11	15-Sep-11	288
1D-14W-SP5-940	Check suitability of formation (ongoing)	0	15-Sep-11		289
1D-14W-SP5-727	Core/Cast OLE Pole Foundations	2	14-Sep-11	16-Sep-11	293
1D-14W-SP5-738	Excavate to Formation for Carriageway and Track (	2	15-Sep-11	19-Sep-11	288
1D-14W-SP5-719	Remove existing kerbs	2	15-Sep-11	19-Sep-11	486
1D-14W-SP5-741	Capping Layer to Adjacent Carriageway (600mm)	1	16-Sep-11	19-Sep-11	288
1D-14W-SP5-722	Make good Formation with Type 1 (Ave 220mm)	1	19-Sep-11	20-Sep-11	293
1D-14W-SP5-723	Installation of IMU Drains and Cable Ducting	1	20-Sep-11	21-Sep-11	293
1D-14W-SP5-754	Carry out inspection and testing of Subgrade	1	21-Sep-11	22-Sep-11	293
1D-14W-SP5-805	Blinding Concrete	1	22-Sep-11	23-Sep-11	293
1D-14W-SP5-756	250mm RC Improvement Slab (+ cure lag)	1	23-Sep-11	26-Sep-11	293
1D-14W-SP5-737	Access for Track Laying	0	05-Oct-11		288
1D-14W-SP5-748	Installation of Noise & Vibration Mat (if reqd)	0	05-Oct-11		288
1D-14W-SP5-950	Welding & Grinding	2	06-Oct-11	10-Oct-11	288
1D-14W-SP5-751	Drainage / Rail Connections	2	06-Oct-11	10-Oct-11	291
1D-14W-SP5-732	Installation of IMU Boxes and Loops	2	06-Oct-11	10-Oct-11	291
1D-14W-SP5-733	Final Rail Alignment - Check and Approve	2	07-Oct-11	11-Oct-11	288
1D-14W-TRCK-70(3)	Set track (1x36m)(sleepers/rail) + mob	6	05-Oct-11	13-Oct-11	288
1D-14W-SP5-784	230mm Concrete Supporting Layer (+ cure lag)	2	11-Oct-11	13-Oct-11	288
1D-14W-SP5-815	Road Signs and Markings	5	26-Oct-11	07-Nov-11	454
1D-14W-SP5-786	Mill Rail Joint / Sealing Compound	5	27-Oct-11	08-Nov-11	288
Drainage & Ducts		**11**	**14-Sep-11**	**29-Sep-11**	**576**
1D-14W-SP5-731	Outfall Connections	2	14-Sep-11	16-Sep-11	298
1D-14W-SP5-744	Comms Ducts & Chambers	0	19-Sep-11		300
1D-14W-SP5-712	Drainage to Discharge Points	3	16-Sep-11	21-Sep-11	298
1D-14W-SP5-795	Traffic Signal Ducts	0	21-Sep-11		298
1D-14W-SP5-713	Traction Ducts & Chambers	3	19-Sep-11	22-Sep-11	297
1D-14W-SP5-746	Lighting Ducts	2	27-Sep-11	29-Sep-11	478
Pavement Construction over tracks		**5**	**20-Oct-11**	**27-Oct-11**	**345**
1D-14W-SP5-846	124mm Binder	1	20-Oct-11	21-Oct-11	288
1D-14W-SP5-827	35mm Wearing Course	1	21-Oct-11	24-Oct-11	288

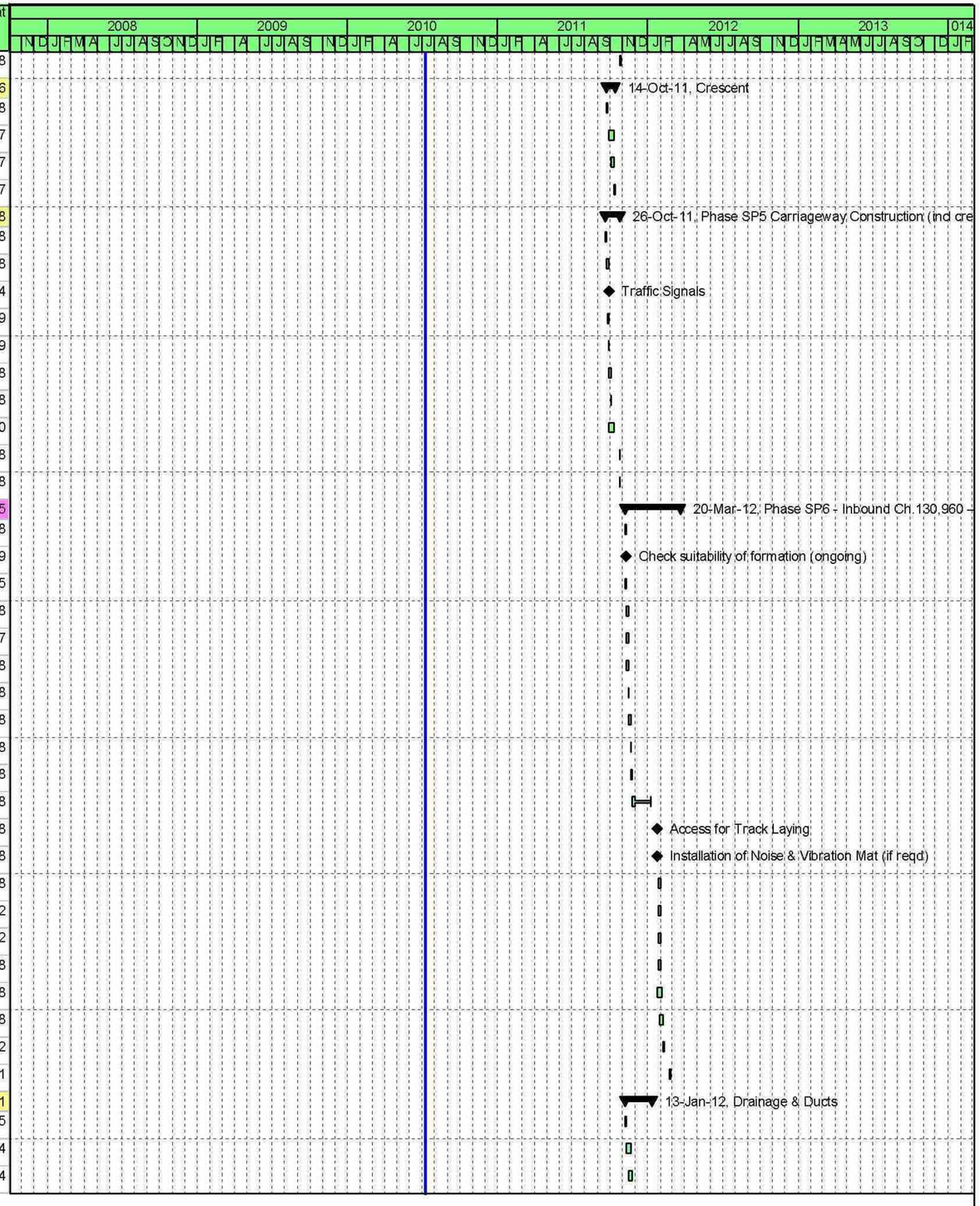


Date	Revision	Checked	Approved
06-Jul-10	ETN Programme Revision 3A Progress to 9 July 2010	SCS	BSC

Actual Work | Critical Remaining Work | Summary
Remaining Work | Milestone

BFB00003291_0153

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
1D-14W-SP5-838	15mm Surface Treatment	1	26-Oct-11	27-Oct-11	288
Crescent		15	23-Sep-11	14-Oct-11	546
1D-14W-SP5-1030	Excavate existing junction	1	23-Sep-11	26-Sep-11	468
1D-14W-SP5-851	Kerbing	10	27-Sep-11	11-Oct-11	467
1D-14W-SP5-812	Setted Area	6	03-Oct-11	11-Oct-11	467
1D-14W-SP5-823	Footpath	3	11-Oct-11	14-Oct-11	467
Phase SP5 Carriageway Construction (incl crescent)		27	19-Sep-11	26-Oct-11	538
1D-14W-SP5-845	Sub-base 220mm all carriageway areas	4	19-Sep-11	23-Sep-11	288
1D-14W-SP5-816	Kerbing - Eastbound/Islands/Crossings	2	23-Sep-11	27-Sep-11	288
1D-14W-SP5-980	Traffic Signals	0	27-Sep-11		294
1D-14W-SP5-787	Gullies	2	26-Sep-11	28-Sep-11	479
1D-14W-SP5-779	Sub-base shape all carriageway areas	1	27-Sep-11	28-Sep-11	479
1D-14W-SP5-798	Signs / Street Furniture	5	27-Sep-11	04-Oct-11	288
1D-14W-SP5-762	225mm Base	1	04-Oct-11	05-Oct-11	288
1D-14W-SP5-791	Footpath Works	10	27-Sep-11	11-Oct-11	470
1D-14W-SP5-783	60mm Binder	1	24-Oct-11	25-Oct-11	288
1D-14W-SP5-824	35mm Wearing Course	1	25-Oct-11	26-Oct-11	288
Phase SP6 - Inbound Ch.130,960 – 130,813 (Palmerston Place – Crescen		84	08-Nov-11	20-Mar-12	445
1D-14X-SP6-878	Plane Main Carriageway 250mm	2	08-Nov-11	10-Nov-11	288
1D-14X-SP6-1050	Check suitability of formation (ongoing)	0	10-Nov-11		289
1D-14X-SP6-886	Core/Cast OLE Pole Foundations	3	08-Nov-11	11-Nov-11	295
1D-14X-SP6-888	Excavate to Formation for Carriageway and Track (	4	10-Nov-11	16-Nov-11	288
1D-14X-SP6-859	Remove existing kerbs	4	10-Nov-11	16-Nov-11	447
1D-14X-SP6-871	Capping Layer to Adjacent Carriageway (600mm)	3	11-Nov-11	16-Nov-11	288
1D-14X-SP6-832	Make good Formation with Type 1 (Ave 220mm)	1	16-Nov-11	17-Nov-11	298
1D-14X-SP6-853	Installation of IMU Drains and Cable Ducting	2	17-Nov-11	21-Nov-11	298
1D-14X-SP6-864	Carry out inspection and testing of Subgrade	1	21-Nov-11	22-Nov-11	298
1D-14X-SP6-915	Blinding Concrete	2	22-Nov-11	24-Nov-11	298
1D-14X-SP6-896	250mm RC Improvement Slab (+ cure lag)	5	24-Nov-11	09-Jan-12	298
1D-14X-SP6-887	Access for Track Laying	0	25-Jan-12		288
1D-14X-SP6-898	Installation of Noise & Vibration Mat (if reqd)	0	25-Jan-12		288
1D-14X-SP6-1060	Welding & Grinding	4	26-Jan-12	01-Feb-12	288
1D-14X-SP6-881	Drainage / Rail Connections	4	26-Jan-12	01-Feb-12	292
1D-14X-SP6-842	Installation of IMU Boxes and Loops	4	26-Jan-12	01-Feb-12	292
1D-14X-SP6-863	Final Rail Alignment - Check and Approve	4	27-Jan-12	02-Feb-12	288
1D-14X-TRCK-70(3)	Set track (1x144m)(sleepers/rail) + mob	8	25-Jan-12	06-Feb-12	288
1D-14X-SP6-874	230mm Concrete Supporting Layer (+ cure lag)	5	31-Jan-12	07-Feb-12	288
1D-14X-SP6-877	OLE Wall Fixings Inbound	3	07-Feb-12	10-Feb-12	412
1D-14X-SP6-852	Mill Rail Joint / Sealing Compound	3	22-Feb-12	27-Feb-12	401
Drainage & Ducts		37	08-Nov-11	13-Jan-12	511
1D-14X-SP6-1120	Outfall Connections	1	08-Nov-11	09-Nov-11	295
1D-14X-SP6-951	Drainage to Discharge Points	7	10-Nov-11	21-Nov-11	294
1D-14X-SP6-922	Traction Ducts & Chambers	7	16-Nov-11	25-Nov-11	304

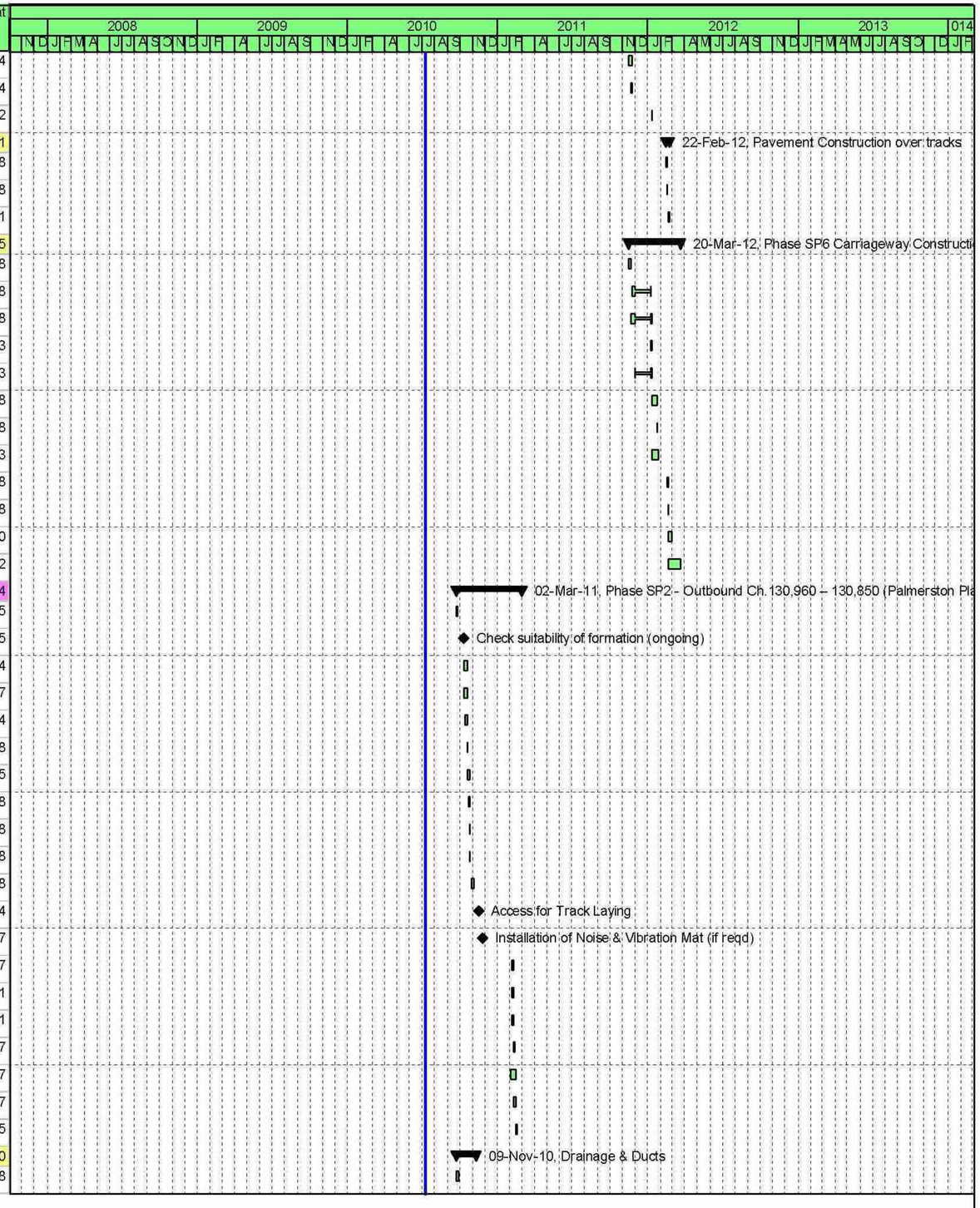


Date	Revision	Checked	Approved
06-Jul-10	ETN Programme Revision 3A Progress to 9 July 2010	SCS	BSC

Actual Work | Critical Remaining Work | Summary
Remaining Work | Milestone

BFB00003291_0154

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
1D-14X-SP6-933	Comms Ducts & Chambers	7	16-Nov-11	25-Nov-11	304
1D-14X-SP6-944	Traffic Signal Ducts	4	21-Nov-11	25-Nov-11	294
1D-14X-SP6-975	Lighting Ducts	2	11-Jan-12	13-Jan-12	432
Pavement Construction over tracks		6	14-Feb-12	22-Feb-12	461
1D-14X-SP6-856	124mm Binder	2	14-Feb-12	16-Feb-12	288
1D-14X-SP6-837	35mm Wearing Course	1	16-Feb-12	17-Feb-12	288
1D-14X-SP6-858	15mm Surface Treatment	1	21-Feb-12	22-Feb-12	401
Phase SP6 Carriageway Construction (incl crescent)		78	16-Nov-11	20-Mar-12	445
1D-14X-SP6-990	Sub-base 220mm all carriageway areas	4	16-Nov-11	22-Nov-11	288
1D-14X-SP6-793	Signs / Street Furniture	5	24-Nov-11	09-Jan-12	298
1D-14X-SP6-801	Kerbing - Eastbound/Islands/Crossings	9	22-Nov-11	11-Jan-12	288
1D-14X-SP6-782	Gullies	2	10-Jan-12	12-Jan-12	433
1D-14X-SP6-834	Sub-base shape all carriageway areas	4	30-Nov-11	12-Jan-12	433
1D-14X-SP6-855	Traffic Signals	10	11-Jan-12	25-Jan-12	288
1D-14X-SP6-797	225mm Base	2	23-Jan-12	25-Jan-12	288
1D-14X-SP6-826	Footpath Works	11	11-Jan-12	26-Jan-12	423
1D-14X-SP6-808	60mm Binder	1	17-Feb-12	20-Feb-12	288
1D-14X-SP6-799	35mm Wearing Course	1	20-Feb-12	21-Feb-12	288
1D-14X-SP6-811	Road Signs and Markings	5	21-Feb-12	28-Feb-12	400
1D-14X-SP6-1000	Finishes to Cresents	20	21-Feb-12	20-Mar-12	352
Phase SP2 - Outbound Ch.130,960 – 130,850 (Palmerston Place – Cresc		105	22-Sep-10	02-Mar-11	704
1D-14V-SP2-525	Plane Main Carriageway 250mm	2	23-Sep-10	24-Sep-10	155
1D-14V-SP2-537	Check suitability of formation (ongoing)	0	12-Oct-10		145
1D-14V-SP2-535	Excavate to Formation for Carriageway and Track (	7	12-Oct-10	20-Oct-10	144
1D-14V-SP2-536	Remove existing kerbs	7	12-Oct-10	20-Oct-10	647
1D-14V-SP2-538	Capping Layer to Adjacent Carriageway (600mm)	6	13-Oct-10	20-Oct-10	144
1D-14V-SP2-539	Make good Formation with Type 1 (Ave 220mm)	1	21-Oct-10	21-Oct-10	148
1D-14V-SP2-533	Core/Cast OLE Pole Foundations	3	21-Oct-10	25-Oct-10	145
1D-14V-SP2-700	Installation of IMU Drains and Cable Ducting	2	22-Oct-10	25-Oct-10	148
1D-14V-SP2-541	Carry out inspection and testing of Subgrade	1	26-Oct-10	26-Oct-10	148
1D-14V-SP2-542	Blinding Concrete	1	27-Oct-10	27-Oct-10	148
1D-14V-SP2-543	250mm RC Improvement Slab (+ cure lag)	4	28-Oct-10	04-Nov-10	148
1D-14V-SP2-544	Access for Track Laying	0	15-Nov-10		144
1D-14V-SP2-545	Installation of Noise & Vibration Mat (if reqd)	0	24-Nov-10		137
1D-14V-SP2-547	Welding & Grinding	3	04-Feb-11	09-Feb-11	137
1D-14V-SP2-548	Drainage / Rail Connections	3	04-Feb-11	09-Feb-11	141
1D-14V-SP2-549	Installation of IMU Boxes and Loops	3	04-Feb-11	09-Feb-11	141
1D-14V-SP2-710	Final Rail Alignment - Check and Approve	3	07-Feb-11	10-Feb-11	137
1D-14V-TRCK-70(3)	Set track (1x108m)(sleepers/rail) + mob	7	03-Feb-11	14-Feb-11	137
1D-14V-SP2-551	230mm Concrete Supporting Layer (+ cure lag)	4	09-Feb-11	15-Feb-11	137
1D-14V-SP2-534	OLE Wall Fixings Outbound	2	15-Feb-11	17-Feb-11	615
Drainage & Ducts		35	22-Sep-10	09-Nov-10	750
1D-14V-SP2-527	Outfall Connections	4	22-Sep-10	27-Sep-10	168

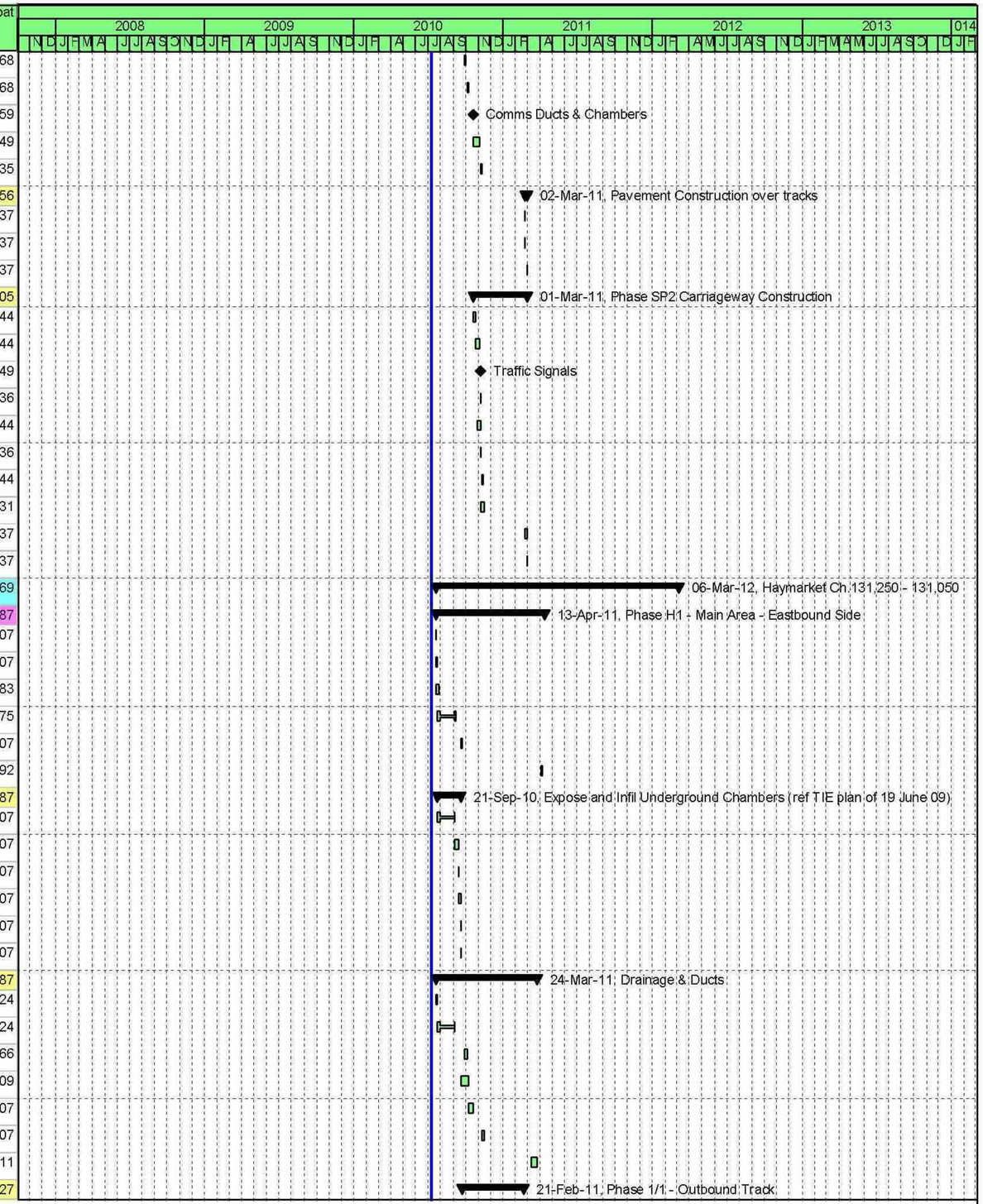


Date	Revision	Checked	Approved
06-Jul-10	ETN Programme Revision 3A Progress to 9 July 2010	SCS	BSC

Actual Work | Critical Remaining Work | Summary
Remaining Work | Milestone

BFB00003291_0155

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
1D-14V-SP2-528	Drainage to Discharge Points	4	28-Sep-10	01-Oct-10	168
1D-14V-SP2-531	Traffic Signal Ducts	4	04-Oct-10	07-Oct-10	168
1D-14V-SP2-720	Comms Ducts & Chambers	0	21-Oct-10		159
1D-14V-SP2-529	Traction Ducts & Chambers	10	21-Oct-10	05-Nov-10	149
1D-14V-SP2-532	Lighting Ducts	2	08-Nov-10	09-Nov-10	635
Pavement Construction over tracks		**6**	**22-Feb-11**	**02-Mar-11**	**156**
1D-14V-SP2-553	124mm Binder	1	22-Feb-11	23-Feb-11	137
1D-14V-SP2-554	35mm Wearing Course	1	23-Feb-11	24-Feb-11	137
1D-14V-SP2-555	15mm Surface Treatment	1	01-Mar-11	02-Mar-11	137
Phase SP2 Carriageway Construction		**83**	**21-Oct-10**	**01-Mar-11**	**705**
1D-14V-SP2-557	Sub-base 220mm all carriageway areas	4	21-Oct-10	26-Oct-10	144
1D-14V-SP2-558	Kerbing - Eastbound/Islands/Crossings	6	27-Oct-10	05-Nov-10	144
1D-14V-SP2-562	Traffic Signals	0	08-Nov-10		149
1D-14V-SP2-559	Gullies	1	08-Nov-10	08-Nov-10	636
1D-14V-SP2-810	Signs / Street Furniture	5	29-Oct-10	08-Nov-10	144
1D-14V-SP2-561	Sub-base shape all carriageway areas	1	08-Nov-10	08-Nov-10	636
1D-14V-SP2-564	225mm Base	4	09-Nov-10	12-Nov-10	144
1D-14V-SP2-563	Footpath Works	6	08-Nov-10	15-Nov-10	631
1D-14V-SP2-565	60mm Binder	2	24-Feb-11	28-Feb-11	137
1D-14V-SP2-566	35mm Wearing Course	1	28-Feb-11	01-Mar-11	137
Haymarket Ch.131,250 - 131,050		**399**	**20-Jul-10**	**06-Mar-12**	**469**
Phase H1 - Main Area - Eastbound Side		**178**	**20-Jul-10**	**13-Apr-11**	**687**
1D-14CD-H1-661	Erect Pedestrian Barrier	2	20-Jul-10	22-Jul-10	407
1D-14CD-H1-663	Plane Main Carriageway Area - south of access lan	2	22-Jul-10	26-Jul-10	407
1D-14CD-H1-662	Site Clearance & Site Compound	5	21-Jul-10	28-Jul-10	683
1D-14CD-H1-880	Core/Cast OLE Pole Foundations	7	26-Jul-10	08-Sep-10	475
1D-14CD-H1-671	Plane out existing surfacing over remainder of Phas	2	21-Sep-10	23-Sep-10	407
1D-14CD-H1-678	Mill Rail Joint / Sealing Compound	4	04-Apr-11	08-Apr-11	592
Expose and Infil Underground Chambers (ref TIE plan of 19 June 09)		**40**	**26-Jul-10**	**21-Sep-10**	**487**
1D-14CD-H1-675	Expose concrete roof slabs / remove / fence	5	26-Jul-10	06-Sep-10	407
1D-14CD-H1-656	Remove Roof Support Steelwork	5	06-Sep-10	13-Sep-10	407
1D-14CD-H1-597	Erect Stop-End Shutters	2	13-Sep-10	15-Sep-10	407
1D-14CD-H1-518	Infill concrete to void (800mm/d)	3	15-Sep-10	20-Sep-10	407
1D-14CD-H1-509	Strike shutters and make safe	1	20-Sep-10	21-Sep-10	407
1D-14CD-H1-840	Make good to Formation with Type 1	1	20-Sep-10	21-Sep-10	407
Drainage & Ducts		**163**	**22-Jul-10**	**24-Mar-11**	**487**
1D-14CD-H1-603	Investigate services / outfall positions / inlet-outlet p	2	22-Jul-10	26-Jul-10	424
1D-14CD-H1-674	Outfall Connections	6	23-Jul-10	06-Sep-10	424
1D-14CD-H1-658	Traffic Signal Ducts	4	28-Sep-10	04-Oct-10	466
1D-14CD-H1-685	Drainage to Discharge Points	12	21-Sep-10	07-Oct-10	409
1D-14CD-H1-666	Traction Ducts & Chambers	8	07-Oct-10	19-Oct-10	407
1D-14CD-H1-657	Comms Ducts & Chambers	6	09-Nov-10	17-Nov-10	407
1D-14CD-H1-649	Lighting Ducts	9	11-Mar-11	24-Mar-11	411
Phase 1/1 - Outbound Track		**96**	**23-Sep-10**	**21-Feb-11**	**727**

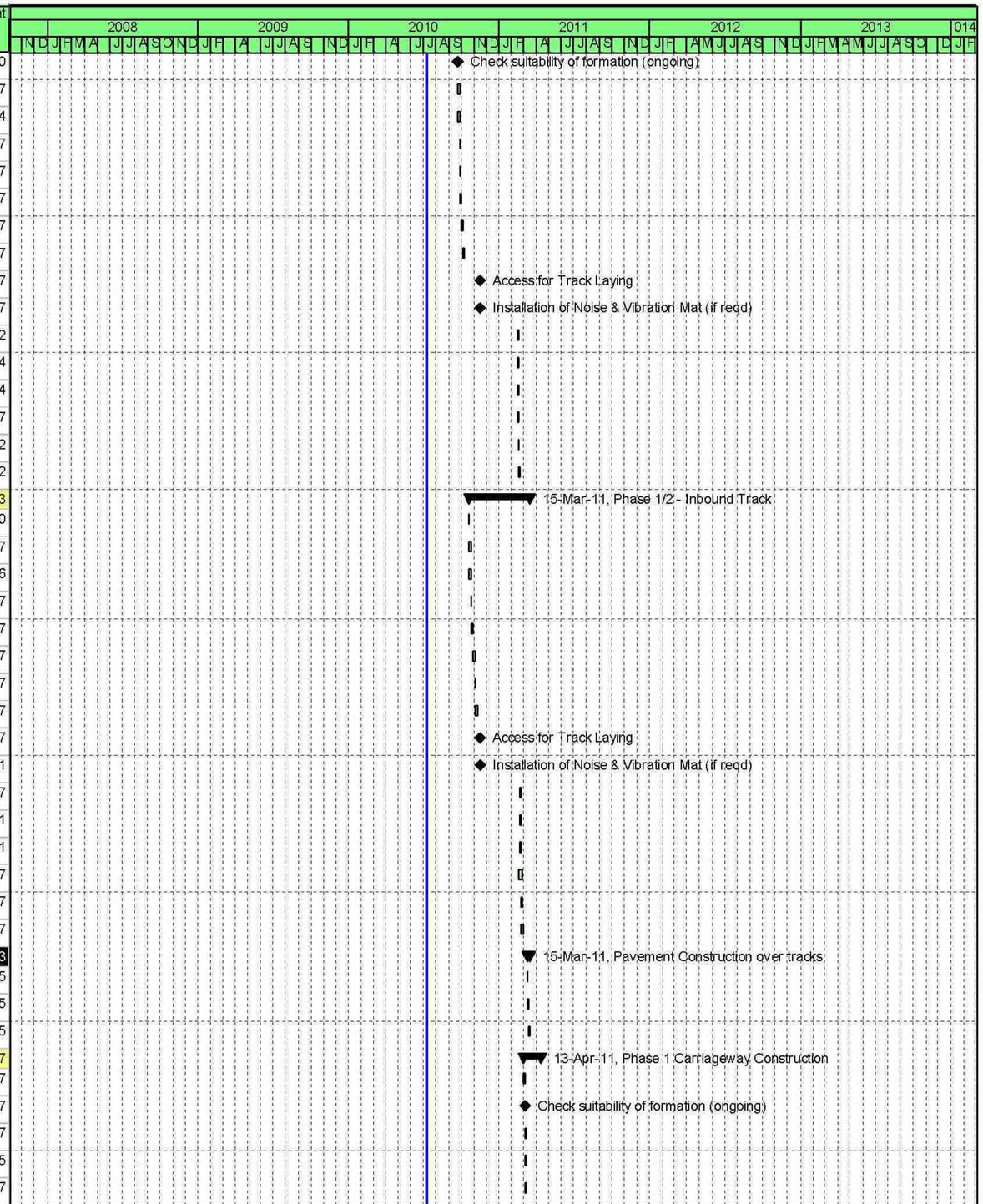


Date	Revision	Checked	Approved
06-Jul-10	ETN Programme Revision 3A Progress to 9 July 2010	SCS	BSC

Actual Work | Critical Remaining Work | Summary
Remaining Work | Milestone

BFB00003291_0156

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
1D-14C-H1-913	Check suitability of formation (ongoing)	0	23-Sep-10		410
1D-14C-H1-902	Excavate to Formation for Carriageway and Track (	3	23-Sep-10	28-Sep-10	407
1D-14C-H1-924	Capping Layer to Adjacent Carriageway (600mm)	2	24-Sep-10	28-Sep-10	414
1D-14C-H1-945	Make good Formation with Type 1 (Ave 220mm)	1	28-Sep-10	29-Sep-10	407
1D-14C-H1-926	Installation of IMU Drains and Cable Ducting	1	29-Sep-10	30-Sep-10	407
1D-14C-H1-927	Carry out inspection and testing of Subgrade	1	30-Sep-10	01-Oct-10	407
1D-14C-H1-938	Blinding Concrete	1	01-Oct-10	04-Oct-10	407
1D-14C-H1-919	Place RC Improvement Slab (+ cure lag)	3	04-Oct-10	07-Oct-10	407
1D-14C-H1-1110	Access for Track Laying	0	17-Nov-10		407
1D-14C-H1-941	Installation of Noise & Vibration Mat (if reqd)	0	17-Nov-10		407
1D-14C-H1-923	Welding & Grinding	2	15-Feb-11	17-Feb-11	612
1D-14C-H1-934	Drainage / Rail Connections	2	15-Feb-11	17-Feb-11	614
1D-14C-H1-955	Installation of IMU Boxes and Loops	2	15-Feb-11	17-Feb-11	614
1D-14C-TRCK-70(3)	Set staggered track (1x54m)(sleepers/rail)	4	14-Feb-11	18-Feb-11	407
1D-14C-H1-936	Final Rail Alignment - Check and Approve	2	16-Feb-11	18-Feb-11	612
1D-14C-H1-937	230mm Concrete Supporting Layer (incl cure lag)	2	17-Feb-11	21-Feb-11	612
Phase 1/2 - Inbound Track		**94**	**19-Oct-10**	**15-Mar-11**	**703**
1D-14D-H1-1080	Check suitability of formation (ongoing)	1	19-Oct-10	20-Oct-10	410
1D-14D-H1-889	Excavate to Formation for Carriageway and Track (	4	19-Oct-10	25-Oct-10	407
1D-14D-H1-901	Capping Layer to Adjacent Carriageway (600mm)	3	20-Oct-10	25-Oct-10	416
1D-14D-H1-872	Make good Formation with Type 1 (Ave 220mm)	2	25-Oct-10	27-Oct-10	407
1D-14D-H1-883	Installation of IMU Drains and Cable Ducting	2	27-Oct-10	29-Oct-10	407
1D-14D-H1-894	Carry out inspection and testing of Subgrade	1	29-Oct-10	03-Nov-10	407
1D-14D-H1-925	Blinding Concrete	2	03-Nov-10	05-Nov-10	407
1D-14D-H1-906	Place RC Improvement Slab (+ cure lag)	3	04-Nov-10	09-Nov-10	407
1D-14D-H1-897	Access for Track Laying	0	17-Nov-10		407
1D-14D-H1-918	Installation of Noise & Vibration Mat (if reqd)	0	17-Nov-10		411
1D-14D-H1-1090	Welding & Grinding	3	21-Feb-11	24-Feb-11	407
1D-14D-H1-911	Drainage/Rail Connections	3	21-Feb-11	24-Feb-11	411
1D-14D-H1-882	Installation of IMU Boxes and Loops	3	21-Feb-11	24-Feb-11	411
1D-14D-TRCK-70(3)	Set track (1x108m)(sleepers/rail)	5	18-Feb-11	25-Feb-11	407
1D-14D-H1-893	Final Rail Alignment - Check and Approve	3	22-Feb-11	25-Feb-11	407
1D-14D-H1-904	230mm Concrete Supporting Layer (incl cure lag)	4	24-Feb-11	02-Mar-11	407
Pavement Construction over tracks		**4**	**09-Mar-11**	**15-Mar-11**	**703**
1D-14CD-H1-736	124mm Binder	2	09-Mar-11	11-Mar-11	605
1D-14CD-H1-717	35mm Wearing Course	1	11-Mar-11	14-Mar-11	605
1D-14CD-H1-718	15mm Surface Treatment	1	14-Mar-11	15-Mar-11	605
Phase 1 Carriageway Construction		**29**	**02-Mar-11**	**13-Apr-11**	**687**
1D-14CD-H1-910	Plane Access Area - Eastbound Lane	1	02-Mar-11	03-Mar-11	407
1D-14CD-H1-693	Check suitability of formation (ongoing)	0	03-Mar-11		407
1D-14CD-H1-701	Excavate Eastbound Lane to Formation (incl for Ca	2	03-Mar-11	07-Mar-11	407
1D-14CD-H1-692	Remove existing kerbs	2	03-Mar-11	07-Mar-11	615
1D-14CD-H1-724	Capping Layer to Eastbound Carriageway (600mm)	2	03-Mar-11	07-Mar-11	407



Date	Revision	Checked	Approved
06-Jul-10	ETN Programme Revision 3A Progress to 9 July 2010	SCS	BSC

Actual Work | Critical Remaining Work | Summary
Remaining Work | Milestone

BFB00003291_0157

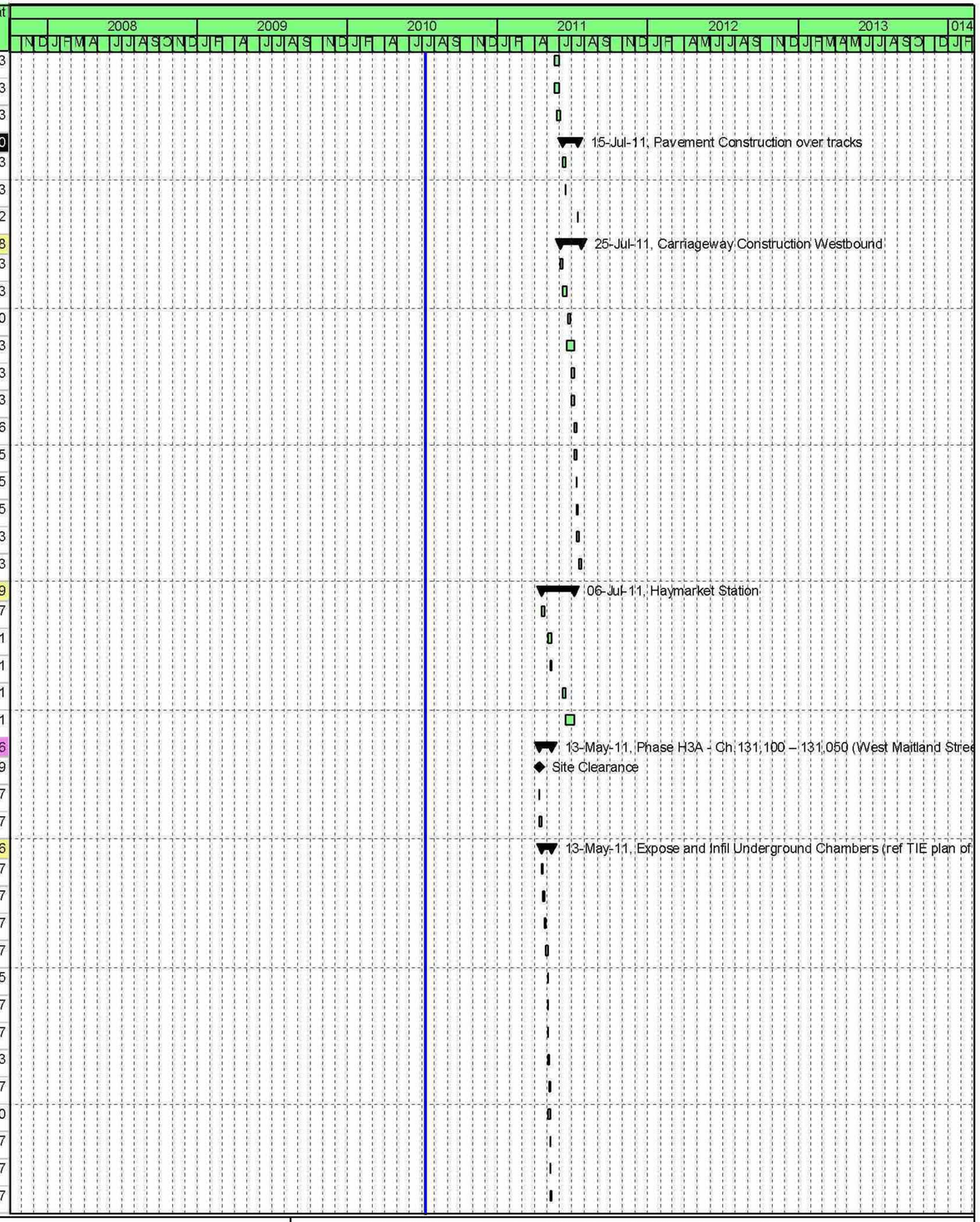
Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
1D-14CD-H1-735	Sub-base 220mm all carriageway areas	4	07-Mar-11	11-Mar-11	407
1D-14CD-H1-716	Kerbing K7 - Eastbound/Islands/Crossings	7	11-Mar-11	22-Mar-11	408
1D-14CD-H1-920	Signs / Street Furniture	5	15-Mar-11	22-Mar-11	409
1D-14CD-H1-697	Kerbing K11	8	11-Mar-11	23-Mar-11	407
1D-14CD-H1-699	Gullies	2	21-Mar-11	23-Mar-11	603
1D-14CD-H1-711	Sub-base shape all carriageway areas	4	17-Mar-11	23-Mar-11	603
1D-14CD-H1-702	Traffic Signals	4	22-Mar-11	28-Mar-11	410
1D-14CD-H1-734	225mm Base	5	22-Mar-11	29-Mar-11	409
1D-14CD-H1-703	Footpath Works	4	24-Mar-11	30-Mar-11	411
1D-14CD-H1-745	60mm Binder	2	29-Mar-11	31-Mar-11	409
1D-14CD-H1-726	35mm Wearing Course	1	31-Mar-11	04-Apr-11	409
1D-14CD-H1-708	Setted Areas	9	23-Mar-11	06-Apr-11	407
1D-14CD-H1-707	Road Signs and Markings	5	06-Apr-11	13-Apr-11	407
Phase H2 - Haymarket Station frontage and approach to Viaduct		**70**	**13-Apr-11**	**25-Jul-11**	**618**
1D-14G-H2-900	Erect Pedestrian Barrier	2	13-Apr-11	15-Apr-11	513
1D-14G-H2-672	Plane Main Carriageway 250mm	2	15-Apr-11	19-Apr-11	513
1D-14G-H2-725	Check suitability of formation (ongoing)	0	19-Apr-11		518
1D-14G-H2-691	Site Clearance	5	13-Apr-11	20-Apr-11	584
1D-14G-H2-673	Plane Haymarket Station frontage	1	19-Apr-11	20-Apr-11	547
1D-14G-H2-714	Remove existing kerbs	2	19-Apr-11	21-Apr-11	583
1D-14G-H2-683	Excavate to Formation for Carriageway and Track (	6	19-Apr-11	27-Apr-11	513
1D-14G-H2-706	Capping Layer to Adjacent Carriageway (600mm)	6	19-Apr-11	27-Apr-11	520
1D-14G-H2-687	Make good Formation with Type 1 (Ave 220mm)	1	26-Apr-11	27-Apr-11	513
1D-14G-H2-682	Core/Cast OLE Pole Foundations	5	27-Apr-11	05-May-11	541
1D-14G-H2-698	Mill Rail Joint / Sealing Compound	4	15-Jul-11	21-Jul-11	522
Drainage & Ducts		**63**	**15-Apr-11**	**18-Jul-11**	**611**
1D-14G-H2-715	Investigate services / outfall positions / inlet-outlet p	2	15-Apr-11	19-Apr-11	547
1D-14G-H2-696	Outfall Connections	2	19-Apr-11	21-Apr-11	556
1D-14G-H2-677	Drainage to Discharge Points	5	21-Apr-11	28-Apr-11	556
1D-14G-H2-669	Comms Ducts & Chambers	3	27-Apr-11	03-May-11	522
1D-14G-H2-688	Traction Ducts & Chambers	5	27-Apr-11	05-May-11	520
1D-14G-H2-890	Traffic Signal Ducts	4	28-Apr-11	05-May-11	556
1D-14G-H2-681	Lighting Ducts	9	05-Jul-11	18-Jul-11	513
Inbound Track		**54**	**27-Apr-11**	**15-Jul-11**	**620**
1D-14G-H2-949	Installation of IMU Drains and Cable Ducting	2	27-Apr-11	29-Apr-11	513
1D-14G-H2-1140	Carry out inspection and testing of Subgrade	1	29-Apr-11	03-May-11	513
1D-14G-H2-981	Blinding Concrete	2	03-May-11	05-May-11	513
1D-14G-H2-942	Place RC Improvement Slab (+ cure lag)	6	04-May-11	12-May-11	513
1D-14G-H2-963	Access for Track Laying	0	16-May-11		513
1D-14G-H2-974	Installation of Noise & Vibration Mat (if reqd)	0	16-May-11		513
1D-14G-H2-966	Welding & Grinding	6	19-May-11	27-May-11	513
1D-14G-H2-947	Drainage/Rail Connections	6	19-May-11	27-May-11	517
1D-14G-H2-968	Installation of IMU Boxes and Loops	6	19-May-11	27-May-11	517

Date	Revision	Checked	Approved
06-Jul-10	ETN Programme Revision 3A Progress to 9 July 2010	SCS	BSC

Actual Work | Critical Remaining Work | Summary
Remaining Work | Milestone

BFB00003291_0158

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
1D-14G-H2-959	Final Rail Alignment - Check and Approve	6	20-May-11	31-May-11	513
1D-14G-TRCK-70(3)	Set track (1x72m + 1x126)(sleepers/rail) + mob	9	18-May-11	01-Jun-11	513
1D-14G-H2-1150	230mm Concrete Supporting Layer (incl cure lag)	7	24-May-11	03-Jun-11	513
Pavement Construction over tracks		**25**	**10-Jun-11**	**15-Jul-11**	**620**
1D-14G-H2-932	124mm Binder	2	10-Jun-11	14-Jun-11	543
1D-14G-H2-953	35mm Wearing Course	1	14-Jun-11	15-Jun-11	543
1D-14G-H2-964	15mm Surface Treatment	1	14-Jul-11	15-Jul-11	522
Carriageway Construction Westbound		**36**	**03-Jun-11**	**25-Jul-11**	**618**
1D-14G-H2-986	Sub-base 220mm all carriageway areas	4	03-Jun-11	09-Jun-11	513
1D-14G-H2-967	Strengthened Kerb (ULE90130-01-HRL-01135)	6	09-Jun-11	17-Jun-11	513
1D-14G-H2-1170	Signs / Street Furniture	5	21-Jun-11	28-Jun-11	520
1D-14G-H2-988	Kerbing K7 - Westbound/Islands/Crossings	12	17-Jun-11	05-Jul-11	513
1D-14G-H2-979	Gullies	4	30-Jun-11	06-Jul-11	533
1D-14G-H2-1001	Sub-base shape all carriageway areas	4	30-Jun-11	06-Jul-11	533
1D-14G-H2-962	Traffic Signals	4	05-Jul-11	11-Jul-11	516
1D-14G-H2-994	225mm Base	5	05-Jul-11	12-Jul-11	515
1D-14G-H2-1025	60mm Binder	1	12-Jul-11	13-Jul-11	515
1D-14G-H2-996	35mm Wearing Course	1	13-Jul-11	14-Jul-11	515
1D-14G-H2-983	Footpath Works	4	12-Jul-11	18-Jul-11	513
1D-14G-H2-977	Road Signs and Markings	5	18-Jul-11	25-Jul-11	513
Haymarket Station		**52**	**20-Apr-11**	**06-Jul-11**	**619**
1D-14G-H2-1160	Excavation	4	20-Apr-11	26-Apr-11	547
1D-14G-H2-991	Kerbing K7	6	05-May-11	13-May-11	541
1D-14G-H2-973	Footpath Works / Finishes	4	09-May-11	13-May-11	541
1D-14G-H2-952	Kerbing K11	4	09-Jun-11	15-Jun-11	521
1D-14G-H2-984	Setted Areas	15	15-Jun-11	06-Jul-11	521
Phase H3A - Ch.131,100 – 131,050 (West Maitland Street)		**21**	**13-Apr-11**	**13-May-11**	**666**
1D-14MN-H3A-957	Site Clearance	0	13-Apr-11		589
1D-14MN-H3A-976	Erect Pedestrian Barrier	1	13-Apr-11	14-Apr-11	407
1D-14MN-H3A-978	Plane Main Carriageway 250mm - Eastbound side (	2	14-Apr-11	18-Apr-11	407
Expose and Infil Underground Chambers (ref TIE plan of 19 June 09)		**18**	**18-Apr-11**	**13-May-11**	**666**
1D-14MN-H3A-480	Expose concrete roof slabs / remove / fence	3	18-Apr-11	21-Apr-11	407
1D-14MN-H3A-351	Remove Roof Support Steelwork	2	21-Apr-11	25-Apr-11	407
1D-14MN-H3A-342	Erect Stop-End Shutters	2	25-Apr-11	27-Apr-11	407
1D-14MN-H3A-333	Infill concrete to void (800mm/d)	3	27-Apr-11	03-May-11	407
1D-14MN-H3A-354	Strike shutters and make safe	1	03-May-11	04-May-11	575
1D-14MN-H3A-375	Make good to Formation with Type 1	1	03-May-11	04-May-11	407
1D-14MN-H3A-346	Kerbing	1	04-May-11	05-May-11	407
1D-14MN-H3A-348	Sub-base shape all carriageway areas	1	05-May-11	06-May-11	573
1D-14MN-H3A-347	Signs / Street Furniture	1	06-May-11	09-May-11	407
1D-14MN-H3A-349	Footpath Works	2	05-May-11	09-May-11	410
1D-14MN-H3A-490	225mm Base	1	09-May-11	10-May-11	407
1D-14MN-H3A-361	60mm Binder	1	10-May-11	11-May-11	407
1D-14MN-H3A-352	35mm Wearing Course	1	11-May-11	12-May-11	407

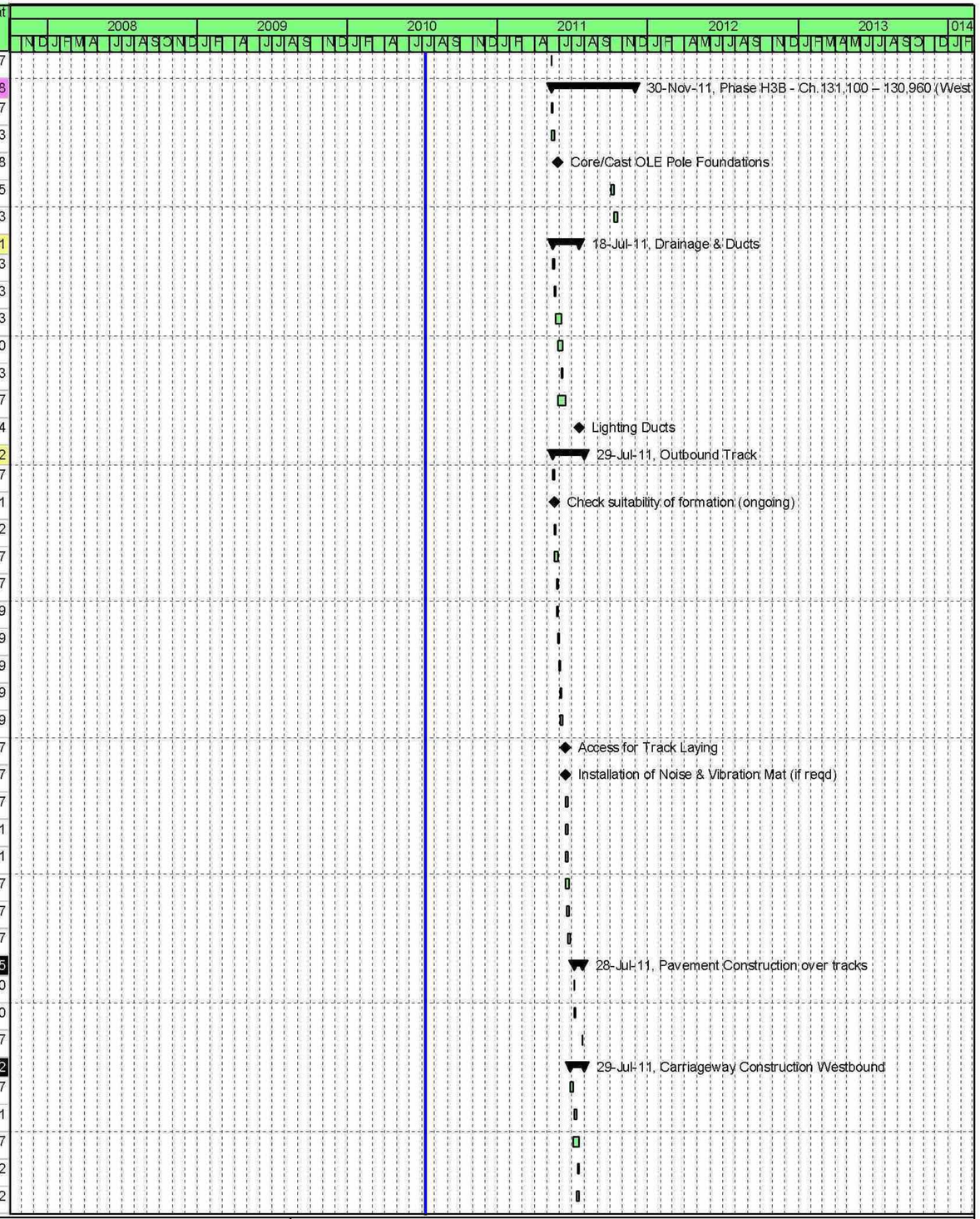


Date	Revision	Checked	Approved
06-Jul-10	ETN Programme Revision 3A Progress to 9 July 2010	SCS	BSC

Actual Work | Critical Remaining Work | Summary
Remaining Work | Milestone

BFB00003291_0159

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
1D-14MN-H3A-343	Road Signs and Markings	1	12-May-11	13-May-11	407
Phase H3B - Ch.131,100 – 130,960 (West Maitland Street)		**140**	**13-May-11**	**30-Nov-11**	**528**
1D-14MN-H3B-695	Erect Pedestrian Barrier	2	13-May-11	17-May-11	407
1D-14MN-H3B-676	Site Clearance	5	13-May-11	20-May-11	563
1D-14MN-H3B-705	Core/Cast OLE Pole Foundations	0	27-May-11		558
1D-14MN-H3B-686	OLE Wall Fixings	4	04-Oct-11	10-Oct-11	475
1D-14J-JNCS-60	installation of traffic light control - Junction 46	8	10-Oct-11	20-Oct-11	573
Drainage & Ducts		**43**	**17-May-11**	**18-Jul-11**	**621**
1D-14MN-H3B-668	Investigate services / outfall positions / inlet-outlet p	2	17-May-11	19-May-11	433
1D-14MN-H3B-659	Outfall Connections	2	19-May-11	23-May-11	433
1D-14MN-H3B-860	Drainage to Discharge Points	9	23-May-11	06-Jun-11	433
1D-14MN-H3B-652	Comms Ducts & Chambers	8	27-May-11	09-Jun-11	550
1D-14MN-H3B-653	Traffic Signal Ducts	4	06-Jun-11	10-Jun-11	433
1D-14MN-H3B-651	Traction Ducts & Chambers	12	27-May-11	15-Jun-11	407
1D-14MN-H3B-684	Lighting Ducts	0	18-Jul-11		414
Outbound Track		**52**	**17-May-11**	**29-Jul-11**	**612**
1D-14M-H3B-778	Plane Main Carriageway 250mm	2	17-May-11	19-May-11	407
1D-14M-H3B-761	Check suitability of formation (ongoing)	0	19-May-11		411
1D-14M-H3B-960	Remove existing kerbs	2	19-May-11	23-May-11	562
1D-14M-H3B-749	Excavate to Formation for Carriageway and Track (	6	19-May-11	27-May-11	407
1D-14M-H3B-742	Capping Layer to Adjacent Carriageway (600mm)	2	25-May-11	27-May-11	407
1D-14M-H3B-743	Make good Formation with Type 1 (Ave 220mm)	2	25-May-11	27-May-11	409
1D-14M-H3B-794	Installation of IMU Drains and Cable Ducting	2	27-May-11	01-Jun-11	409
1D-14M-H3B-825	Carry out inspection and testing of Subgrade	1	01-Jun-11	02-Jun-11	409
1D-14M-H3B-806	Blinding Concrete	2	02-Jun-11	06-Jun-11	409
1D-14M-H3B-777	Place RC Improvement Slab (+ cure lag)	4	03-Jun-11	09-Jun-11	409
1D-14M-H3B-788	Access for Track Laying	0	15-Jun-11		407
1D-14M-H3B-759	Installation of Noise & Vibration Mat (if reqd)	0	15-Jun-11		407
1D-14M-H3B-781	Welding & Grinding	4	16-Jun-11	22-Jun-11	407
1D-14M-H3B-752	Drainage/Rail Connections	4	16-Jun-11	22-Jun-11	411
1D-14M-H3B-753	Installation of IMU Boxes and Loops	4	16-Jun-11	22-Jun-11	411
1D-14M-TRCK-70(3)	Set track (1x144m)(sleepers/rail)	6	15-Jun-11	23-Jun-11	407
1D-14M-H3B-804	Final Rail Alignment - Check and Approve	4	17-Jun-11	23-Jun-11	407
1D-14M-H3B-835	230mm Concrete Supporting Layer (incl cure lag)	5	21-Jun-11	28-Jun-11	407
Pavement Construction over tracks		**17**	**05-Jul-11**	**28-Jul-11**	**565**
1D-14M-H3B-747	124mm Binder	2	05-Jul-11	07-Jul-11	480
1D-14M-H3B-758	35mm Wearing Course	1	07-Jul-11	08-Jul-11	480
1D-14M-H3B-739	15mm Surface Treatment	1	27-Jul-11	28-Jul-11	467
Carriageway Construction Westbound		**23**	**28-Jun-11**	**29-Jul-11**	**612**
1D-14M-H3B-371	Sub-base 220mm all carriageway areas	4	28-Jun-11	04-Jul-11	407
1D-14M-H3B-374	Signs / Street Furniture	5	06-Jul-11	13-Jul-11	411
1D-14M-H3B-372	Kerbing K7 - Westbound/Islands/Crossings	10	04-Jul-11	18-Jul-11	407
1D-14M-H3B-363	Gullies	3	14-Jul-11	19-Jul-11	522
1D-14M-H3B-425	Sub-base shape all carriageway areas	4	13-Jul-11	19-Jul-11	522



Date	Revision	Checked	Approved
06-Jul-10	ETN Programme Revision 3A Progress to 9 July 2010	SCS	BSC

Actual Work | Critical Remaining Work | Summary
Remaining Work | Milestone

BFB00003291_0160