

Activity ID	Activity Name	Original Duration	Start	Finish	2010 2011																	
					January				February				March				April					
					19	26	02	09	16	23	30	06	13	20	27	06	13	20	27	03	10	17
<b>Z1: CH 0 to CH 500: SECT. 1 WORKS</b>																						
<b>Banyan &amp; Banyan West Bridge Construction</b>																						
<b>Demolition of Ex. Banyan Bridge</b>																						
S1-191320	Remove ex.column+ftg & Reinstate	36	02-Oct-10 A	24-Jan-11																		
S1-191150	Remove ex.NB side ftg & Reinstate	36	21-Oct-10 A	29-Dec-10 A																		
S1-191240	Remove ex.SB side ftg & Reinstate	36	21-Oct-10 A	29-Dec-10 A																		
<b>New Banyan Bridge</b>																						
S1-080330	Abutment North NB Bored Piles, 3 x 1500dia	31	04-Dec-10 A	14-Apr-11																		
S1-080200	Ground Investigation, 9nr	24	20-Dec-10 A	16-Feb-11																		
S1-080310	Abutment South NB Bored Piles, 3 x 1500dia	30	20-Dec-10 A	08-Feb-11																		
S1-080060	Demolish exiting pile caps	34	21-Dec-10 A	08-Mar-11																		
S1-080320	Pier NBP1 - Bored Piles, 3 x 1500dia	31	08-Mar-11	14-Apr-11																		
S1-080410	Abutment South NBAS Abutment	46	14-Apr-11	14-Jun-11																		
S1-080420	Pier NBP1 - Pile Cap	24	14-Apr-11	18-May-11																		
S1-080430	Abutment North NBNA Abutment	46	14-Apr-11	14-Jun-11																		
<b>Demolition of Ex. Banyan West Bridge</b>																						
S1-192118	Remove ex.NB side ftg & Reinstate	36	20-Dec-10 A	02-May-11																		
S1-192240	Remove ex.SB side ftg & Reinstate	29	20-Dec-10 A	29-Apr-11																		
S1-192320	Remove ex.column+ftg & Reinstate	36	20-Dec-10 A	11-May-11																		
<b>Noise Barrier at Kwong Fuk West</b>																						
<b>Noise Barrier at Kwong Fuk West Viaduct</b>																						
S1-000345A	Ground Investigation Works	48	15-Nov-09 A	11-Feb-11																		
S1-180390	Pile Test	28	10-Nov-10 A	15-Jan-11 A																		
S1-180310A	Prebored H Piles, 39 nr.	70	20-Dec-10 A	07-May-11																		
S1-180905	Civil prov. works (CPW)- TCSS Pillar Box B	18	23-Mar-11	14-Apr-11																		
<b>Southbound Work- Ret. Wall, Noise B, Rd</b>																						
<b>RW W3, NB6, and Slope S4</b>																						
S1-203065A	Cut slope S6 - excavation	12	20-Dec-10 A	29-Jan-11																		
S1-200060	NB6 Prebored H Piles, 58 nr, L=85m	70	20-Jan-11	15-Apr-11																		
S1-203065B	Cut slope S6 - drainage/ u channels	6	29-Jan-11	09-Feb-11																		
S1-203067	Relocate pillar box for high mast HM1-HM10	18	09-Feb-11	02-Mar-11																		
S1-203068	Install/delete lamps at high mast HM2 & HM3	18	09-Feb-11	02-Mar-11																		
S1-201060	NB6 Pile Testing	20	16-Apr-11	14-May-11																		
<b>RW W2, NB7, Slope S3, Slip Rd C</b>																						
S1-031030A	Cut Slope S3- excavation	14	20-Dec-10 A	04-Jan-12																		
<b>South Bound Road and Drain, Ch 300-500</b>																						
S1-051303	Civil prov. works (CPW)- TCSS Pillar Box A	18	02-Mar-11	23-Mar-11																		
<b>Northbound Work- Ret. Wall, Noise B, Rd</b>																						
<b>RW W1+ NB1+S1, NB2 Ch200-300</b>																						
S1-035016A	Ret. Wall W1(@CSD), base slab	48	21-Mar-11*	21-May-11																		
<b>NB2 &amp; Slope S2, after TB1 demolition</b>																						
S1-031025A	Cut Slope S2- excavation	12	20-Dec-10 A	14-Sep-12																		
<b>NB9, Slope F121, S5, (after TB2 demolition)</b>																						
S1-00345K	Ground Investigation Works - NB9	24	20-Dec-10 A	18-Apr-12																		
S1-200120	NB9 Prebored H Piles, 34 nr	36	20-Dec-10 A	22-May-12																		

<b>Z2: CH 500 to CH 1100: SECT. 4 WORKS</b>																						
<b>Stage 1: Southbound Work- Ret. Wall, Noise B, Rd</b>																						
<b>NLKR B - South Abutment</b>																						
S4-100212	South abut - temporary works	70	16-Aug-10 A	20-Jan-11 A																		
S4-100310A	South Abut. NLKR-Bored Piles, 5nrs,	38	09-Dec-10 A	28-Feb-11																		
S4-100310B	South Abut. NLKR-Bored Piles, 5nrs,	38	14-Jan-11 A	14-Apr-11																		
S4-100315	South Abut. NLKR- base slab	33	14-Apr-11	28-May-11																		
<b>NLKR B - North Abutment</b>																						
S4-100320A	North Abut. NLKR Bored Piles 4nrs	38	12-Oct-10 A	19-Jan-11 A																		
S4-100320B	North Abut. NLKR Bored Piles 5nrs	38	21-Oct-10 A	20-Jan-11 A																		
S4-100345	North Abut. NLKR- base slab	33	20-Jan-11	02-Mar-11																		
S4-100350	North Abut. NLKR- abut wall 1st lift	12	03-Mar-11	16-Mar-11																		
S4-100355	North Abut. NLKR- abut wall 2nd lift	12	17-Mar-11	30-Mar-11																		
S4-100360	North Abut. NLKR- cantilever slab	24	31-Mar-11	03-May-11																		
<b>NLKR B - Bridge Deck + Noise Barrier</b>																						
S4-100180	Precast Beam Works Area Set-up	46	20-Jan-11	17-Mar-11																		
S4-100190A	Precast Beam Casting 7 nr + 1st stage stressing	40	18-Mar-11	09-May-11																		
<b>RW W4-W7+Slope S7+NB15, NB12+Slip Rd L</b>																						
S4-031070A	Fill Slope S7- backfilling to RW coping level	72	07-May-10 A	03-Mar-11																		
S4-031070B	Fill Slope S7- backfilling to rd level	48	20-Jul-10 A	15-Mar-11																		
S4-200110	NB12 temporary works	48	16-Sep-10 A	19-Feb-11																		
S4-200120	NB12 Prebored H Piles, 110 nr	50	02-Nov-10 A	13-Apr-11																		
S4-203120	NB12pile cap	28	20-Dec-10 A	07-May-11																		
S4-035070A	Retaining Wall W7, excav + base slab	28	20-Jan-11	24-Feb-11																		
S4-035070B	Retaining Wall W7, wall stem + backfill	28	07-Feb-11	10-Mar-11																		
S4-031070C	Fill Slope S7- u channels	24	23-Feb-11	22-Mar-11																		
S4-031070D	Fill Slope S7- metal works + hand rails etc.	18	09-Mar-11	29-Mar-11																		
S4-200150	NB15 Prebored H Piles, 102 nr	50	30-Mar-11	02-Jun-11																		
<b>Utilities Diversion at Slip Rd L</b>																						
S4-208155F	NWT - relocation of drawpit (1)	25	20-Jan-11	21-Feb-11																		
S4-208155G	Slip Rd L reconstruction	36	22-Feb-11	04-Apr-11																		
S4-208155J	NWT - relocation of drawpit (2)	18	06-Apr-11	29-Apr-11																		
<b>Ret. Wall W8 &amp; NB18</b>																						
S4-035081B	RW W8,(nr. B11A) Bay 11->26- base slab	68	20-Dec-10 A	27-Jan-11																		
S4-035081C	RW W8, (nr. B11A) Bay 11->26 - wall stem	72	20-Dec-10 A	25-Feb-11																		

Activity ID	Activity Name	Original Duration	Start	Finish	2010																			
					2011				January				February				March				April			
					19	26	02	09	16	23	30	06	13	20	27	06	13	20	27	03	10	17		
S4-035082A	RW W8, (nr. NLKRB) Bay 1->10, temp. work + excav	68	20-Dec-10 A	03-Mar-11																				
S4-035082B	RW W8, (nr. NLKRB) Bay 1->10, base slab	68	20-Dec-10 A	24-Mar-11																				
S4-035085A	RW W8, Backfill-to RW +2m level	72	20-Dec-10 A	28-Apr-11																				
S4-035082C	RW W8, (nr. NLKRB) Bay 1->10, wall stem	72	18-Jan-11 A	20-Apr-11																				
S4-035085B	RW W8, Backfill-to RW coping lvl	72	12-Mar-11	13-Jun-11																				
S4-035085C	RW W8, Backfill- to road level	62	09-Apr-11	28-Jun-11																				
<b>Z3: CH 1100 to CH 2000: SECT. 4 WORKS</b>																								
<b>Stage 1: Southbound Work- Ret. Wall, Noise B, Rd</b>																								
<b>New Bridge 10A + Noise Barrier</b>																								
S4-110630	Pier 10AP2+ to Pier 10AP3+ Decking, 40.5m	42	22-Nov-10 A	19-Jan-11 A																				
S4-110390B	Abutment West 10A Bored Piles- piling	63	10-Dec-10 A	16-Mar-11																				
S4-110480	Pier 10AP7 Pile Cap	12	16-Dec-10 A	19-Jan-11 A																				
S4-110420	Pier 10AP1 Pile Cap	12	17-Dec-10 A	15-Jan-11 A																				
S4-110640	Pier 10AP3+ to Pier 10AP4+ Decking, 40.2m	42	20-Dec-10 A	07-Jul-11																				
S4-110595	Bridge Bearings10AB01 to 10AB20, 20 nr.	60	20-Dec-10 A	19-Mar-11																				
S4-110410	Abutment East 10AEA Pile Cap	18	20-Jan-11	12-Feb-11																				
S4-110510	Abutment East 10AEA Abutment Wall	24	14-Feb-11	12-Mar-11																				
S4-110610	Abut East 10AEA to Pier 10AP1+ Decking, 47.62m	42	14-Feb-11	02-Apr-11																				
S4-110520	Pier 10AP1 Pier	12	18-Feb-11	03-Mar-11																				
S4-110620	Pier 10AP1+ to Pier 10AP2+ Decking, 40.5m	46	04-Mar-11	02-May-11																				
S4-110390C	Abutment West 10A Bored Piles pile test	12	16-Mar-11	30-Mar-11																				
<b>New Bridge No. 11A + Noise Barrier</b>																								
S4-120630	Pier 11AP2+ to Pier 11AP3+, Decking, 41.69m	42	15-Sep-10 A	29-Jan-11																				
S4-120610	Abut North 11ANA to Pier 11AP1+, Decking, 47.97m	48	06-Nov-10 A	07-Jan-11 A																				
S4-120550	Abutment South 11ASA Abutment Wall	24	27-Nov-10 A	19-Jan-11 A																				
S4-120590	Bridge Bearings 11AB1 to 11AB8, 8 nr.	30	20-Dec-10 A	28-Jan-11																				
S4-120640	Pier 11AP3+ to Abut South 11ASA, Decking 27.24m	35	20-Dec-10 A	04-Mar-11																				
S4-120615	Abut 11ANA to Pier 11AP1+, Stressing Stage 1	2	12-Jan-11 A	14-Jan-11 A																				
S4-120625	Pier 11AP1+ to Pier 11AP2+, Stressing Stage 2	2	16-Jan-11 A	19-Jan-11 A																				
S4-120635	Pier 11AP2+ to Pier 11AP3+, Stressing Stage 3	2	23-Feb-11	25-Feb-11																				
S4-120645	Pier 11AP3+ to Abut 11ASA, Stressing Stage 4	2	26-Mar-11	28-Mar-11																				
S4-120646	Abut 11ANA to 11ASA, Stressing Stages 5,6,7+8	4	29-Mar-11	01-Apr-11																				
S4-120710	Parapets and Noise Barrier Plinth, 2x 27bay x6m	50	02-Apr-11	07-Jun-11																				
<b>Ret. Wall W10, Fill Slope S10, NB21</b>																								
S4-035101A	RW W10, excav + base slab	54	16-Jul-10 A	20-Dec-10 A																				
S4-035101B	RW W10, wall stem	63	03-Aug-10 A	26-Jan-11																				
S4-035105A	Slope S10+ W10, - backfill to coping level	72	20-Nov-10 A	19-Feb-11																				
S4-035105B	Slope S10+ W10 - backfill to rd level	48	20-Jan-11	19-Mar-11																				
S4-035105C	Slope S10+ W10 - u channels + hand rails	24	28-Feb-11	26-Mar-11																				
S4-207210	NB21(@W10) Structural Steel, CH00-151,	52	28-Mar-11	02-Jun-11																				
S4-208210	NB21 (@W10) NB Panels, CH00-151, Wall W10	52	19-Apr-11	24-Jun-11																				
<b>Box Culvert TP4/5, Retaining Wall W15, W16, W17</b>																								
S4-035161B	RW W16, wall stem + backfill	12	09-Aug-10 A	26-Jan-11																				
S4-035170B	Retaining Wall W17, wall stem + backfill	12	09-Aug-10 A	24-Jan-11																				
S4-035151B	RW W15, wall stem + backfill	12	16-Sep-10 A	26-Jan-11																				
<b>Retaining Wall W18, W19, W20</b>																								
S4-035190B	Retaining Wall W19, 3 bays, wall stem + backfill	18	09-Mar-10 A	20-Jan-11 A																				
S4-035180B	Retaining Wall W18, wall stem + backfill	42	09-Apr-10 A	20-Jan-11 A																				
<b>Retaining Wall W14A, W14B</b>																								
S4-035145B	Retaining Wall W14A, wall stem + backfill	28	22-May-10 A	02-Feb-11																				
S4-035148B	RW W14B, wall stem + backfill	12	14-Aug-10 A	25-Jan-11																				
<b>Fill Slope S13 and NB21</b>																								
S4-031120	Fill Slope S12 (SB)	24	24-Jul-10 A	08-Feb-11																				
S4-031120A	Fill Slope S12 (SB) - backfilling	18	24-Jul-10 A	28-Jan-11																				
S4-031130A	Fill Slope S13- backfilling to RW coping level	72	10-Nov-10 A	22-Mar-11																				
S4-200210	NB21 Prebored H Piles,150 nr,19 bays NB21/8-26	70	20-Dec-10 A	06-Jul-11																				
S4-200211	NB21 Prebored H Piles, 56 nr,7 bay x8nr,NB21/1-7	70	20-Dec-10 A	04-Jul-11																				
S4-203210	NB21 Pilecap and plinth, 19 bay, NB21/8-26	75	20-Dec-10 A	01-Aug-11																				
S4-203211	NB21 Pilecap and plinth, 7 bay, NB21/1-7	35	20-Dec-10 A	25-Jul-11																				
S4-031115B	Cut Slope S11 - drainage/channels	6	20-Jan-11	26-Jan-11																				
S4-031120B	Fill Slope S12 (SB)- drainage/channels	6	29-Jan-11	08-Feb-11																				
S4-031130B	Fill Slope S13- backfilling to rd level	48	12-Feb-11	11-Apr-11																				
S4-031130C	Fill Slope S13- u channels	48	19-Feb-11	18-Apr-11																				
S4-031130D	Fill Slope S13- metal works + hand rails etc.	18	02-Apr-11	28-Apr-11																				
<b>Stage 1 - Slip Rd L, Ret. Wall W13A, W13B</b>																								
S4-208226	Slip Rd P- road reconstruction, Stage 1 TTA	24	20-Jan-11	19-Feb-11																				
S4-03513AA	RW W13A, excav + base slab	36	21-Feb-11*	02-Apr-11																				
S4-03513BA	RW W13B, excav + base slab	46	26-Feb-11*	21-Apr-11																				
S4-03513AB	RW W13A, wall stem	36	07-Mar-11	18-Apr-11																				
S4-03513A2	RW W13A, Backfill 48mL	48	21-Mar-11	21-May-11																				
S4-03513BB	RW W13B, wall stem	46	26-Mar-11	25-May-11																				
<b>Stage 2: Northbound Work- Ret. Wall, Noise B, Rd</b>																								
<b>Modification of Existing Bridge No.11 + Noise B</b>																								
S4-195710	Temporary Scaffold and Supports	30	20-Jan-11	26-Feb-11																				
S4-195720	Survey of Existing Bridge No. 11	30	28-Feb-11	02-Apr-11																				
<b>Utilities Diversion / Relocation Works</b>																								
S4-051263B	HKCG - refurbish valve, CH 1000, NB	24	29-Jan-11	01-Mar-11																				
S4-051263A	HKCG- relocation of cathodic pit, CH 1300, NB	14	14-Feb-11	01-Mar-11																				
<b>RW W9, Slope S9, &amp; Noise Barrier NB19, NB22</b>																								
S4-000215H	Ground Investigation - NB19	48	20-Jan-11	19-Mar-11																				
S4-20019AA	NB19 Bored Piles, 41 nrs	72	02-Mar-11*	31-May-11																				
S4-200190A	NB19 Prebored H Piles, 40 nr	40	21-Mar-11*	12-May-11																				

Contract: HY/2008/09

Three Months Rolling Programme

Activity ID	Activity Name	Original Duration	Start	Finish	2010		2011																	
					January					February					March					April				
					19	26	02	09	16	23	30	06	13	20	27	06	13	20	27	03	10	17		
<b>Z4: CH 2000 to CH 2400: SECT. 2 WORKS</b>																								
<b>Stage 1A: Southbound - S14-, RW21-28, TP7,Rd/Dr</b>																								
<b>Ret. Wall W21, W22(Piled), W23 + S16</b>																								
S2-035221B	RW21,W22, 23 - base slab	72	14-Oct-10 A	20-Dec-10 A																				
S2-035221C	RW21,W22, 23 - wall stem + backfill	72	20-Nov-10 A	31-Mar-11																				
S2-031160	Slope S16 (SB)	30	31-Mar-11	12-May-11																				
<b>Retaining Wall W24 to W28 &amp; Slope S17</b>																								
S2-035279A	Temporary Works for W28	60	20-May-10 A	20-Dec-10 A																				
S2-035250A	Retaining Wall W25/W26- excav + base slab	48	20-Sep-10 A	20-Jan-11 A																				
S2-035270A	Retaining Wall W27, temp work +excav + base slab	72	08-Nov-10 A	19-Jan-11 A																				
S2-035250B	Retaining Wall W25/W26, wall stem + backfill	48	01-Dec-10 A	19-Feb-11																				
S2-035270B	Retaining Wall W27, wall stem + backfill	72	01-Dec-10 A	09-Apr-11																				
S2-035240A	Retaining Wall W24, temp work+excav + base slab	60	20-Dec-10 A	11-Apr-11																				
S2-035280	Bored Pile Ret. Wall W28, 9 x 2200dia	60	10-Jan-11 A	20-Jun-11																				
S2-035279	Piling platform for Wall W28	60	20-Jan-11	02-Apr-11																				
S2-035240B	Retaining Wall W24, wall stem + backfill	60	28-Feb-11	14-May-11																				
<b>Cut Slope S14</b>																								
S2-031140B	Cut Slope S14- excavation, +60 down to +55mpd	60	20-Apr-10 A	26-Jan-11																				
S2-031140E	Cut Slope S14- drainage + handrails	48	20-Dec-10 A	30-May-11																				
S2-031140C	Cut Slope S14- excavation, +55 down to +50mpd	42	28-Dec-10 A	10-Mar-11																				
S2-031140D	Cut Slope S14- excavation, +50 down to +48mpd	41	10-Mar-11	03-May-11																				
<b>Stage 1B: Northbound- S15-S19, RW31-33, Rd/Dr</b>																								
<b>Slope S15, S18, S19</b>																								
S4-031155B	Cut Slope S15- cut + soil nails to 2nd berm +66	36	28-Aug-10 A	24-Jan-11																				
S2-031195B	Cut Slope S19- excavation, +73 down to +68mpd	36	15-Sep-10 A	21-Jan-11																				
S4-031155C	Cut Slope S15- cut + soil nails to 3rd berm +59	36	23-Dec-10 A	10-Mar-11																				
S2-031195C	Cut Slope S19- cut + soil nail, 1st berm, +62mpd	36	12-Jan-11 A	23-Feb-11																				
S2-031195D	Cut Slope S19- cut + soil nail, rd lvl, +56mpd	36	24-Feb-11	07-Apr-11																				
S4-031155D	Cut Slope S15- cut + soil nails, to rd lvl +52.5	36	10-Mar-11	26-Apr-11																				
S2-031195E	Cut Slope S19- drainage + handrails	31	30-Mar-11	11-May-11																				
S4-031155E	Cut Slope S15 - drainage + hand rails	36	08-Apr-11	26-May-11																				
<b>Retaining Wall W30, W31, W32(Piled), W33</b>																								
S2-035325A	RW W31,W32,33 - temporary works+excav	72	01-Jun-10 A	17-Feb-11																				
S2-035325B	RW W31,W32,33 - base slab	72	17-Feb-11	19-May-11																				
S2-035325C	RW W31,W32,33 - wall stem + backfill	72	17-Mar-11	17-Jun-11																				

Activity ID	Activity Name	Original Duration	Total Float	Early Start	Early Finish	Late Start	Late Finish	2010							2011							2012							2013																		
								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	N	D	J	F	M	A	M	J
								2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41
<b>HY/2009/08 TOLO HIGHWAY WIDENING</b>																																															
<b>EXECUTIVE SUMMARY</b>																																															
<b>Design</b>																																															
A1330	Alternative Design	292	0	29-Mar-10	14-Jan-11	06-May-10	14-Jan-11	-----							Alternative Design																																
<b>Construction</b>																																															
<b>Section 1</b>																																															
A1000	SA21 - North Bound	808	43	26-Feb-11	13-May-13	26-Feb-11	25-Jun-13								-----							SA21 - North Bound							SA21 - S																		
A1010	SA21 - South Bound	762	0	26-Feb-11	28-Mar-13	11-Apr-11	28-Mar-13								-----							SA21 - South Bound																									
A1020	SA21 - Middle Lane	145	0	01-Feb-13	25-Jun-13	01-Feb-13	25-Jun-13								-----							SA21 - Middle Lane																									
<b>Section 2</b>																																															
A1030	SA22 - North Bound	982	142	26-Feb-10	03-Nov-12	26-Feb-10	25-Mar-13	-----							SA22 - North Bound							SA22 - North Bound																									
A1040	SA22 - South Bound	1037	7	01-Apr-10	31-Jan-13	15-May-10	07-Feb-13	-----							SA22 - South Bound							SA22 - South B																									
A1050	SA22 - Middle Lane	145	0	01-Feb-13	25-Jun-13	08-Feb-13	25-Jun-13								-----							SA22 - Middle Lane																									
A1060	SA23 - South Bound	698	153	26-Feb-11	23-Jan-13	06-Jan-12	25-Jun-13								-----							SA23 - South Bound							SA23 - South B																		
A1070	SA24 - North Bound	787	249	25-Aug-10	19-Oct-12	25-Aug-10	25-Jun-13	-----							SA24 - North Bound							SA24 - North Bound																									
A1080	SA25 - South Bound	770	176	23-Nov-10	31-Dec-12	10-Dec-10	25-Jun-13	-----							SA25 - South Bound							SA25 - South Bou																									
A1090	SA26 - North Bound	1216	0	26-Feb-10	25-Jun-13	09-Jul-10	25-Jun-13	-----							SA26 - North Bound																																
A1100	SA26 - South Bound	1216	0	26-Feb-10	25-Jun-13	26-Feb-10	25-Jun-13	-----							SA26 - South Bound																																
<b>Section 3</b>																																															
A1110	SA26A - North Bound	1191	0	26-Feb-10	31-May-13	26-Feb-10	31-May-13	-----							SA26A - North Bound							SA26A - North B																									
A1120	SA26A - South Bound	879	0	26-Feb-10	23-Jul-12	26-Feb-10	23-Jul-12	-----							SA26A - South Bound							SA26A - South Bound																									
A1130	SA26A - North & South Bound	547	120	02-Dec-10	31-May-12	02-Dec-10	28-Sep-12	-----							SA26A - North & South Bound							SA26A - North & South Bound																									
A1140	SA27 - South Bound	826	124	27-Mar-10	29-Jun-12	27-Mar-10	31-Oct-12	-----							SA27 - South Bound							SA27 - South Bound																									
<b>Section 4</b>																																															
A1150	SA28 - North Bound	1216	0	26-Feb-10	25-Jun-13	26-Feb-10	25-Jun-13	-----							SA28 - North Bound																																
A1160	SA28 - South Bound	1099	0	23-Jun-10	25-Jun-13	23-Jun-10	25-Jun-13	-----							SA28 - South Bound																																
A1170	SA29 - North Bound	946	0	23-Nov-10	25-Jun-13	23-Nov-10	25-Jun-13	-----							SA29 - North Bound																																
A1180	SA32 - Roadside FVMS	265	229	26-Feb-11	17-Nov-11	10-Oct-11	03-Jul-12	-----							SA32 - Roadside FVMS							SA32 - Roadside FVMS																									
<b>Section 5</b>																																															
A1190	SA31 - South Bound	884	0	26-Feb-10	28-Jul-12	26-Feb-10	28-Jul-12	-----							SA31 - South Bound							SA31 - South Bound																									
<b>Section 7</b>																																															
A1200	SA41 - Site Office	1581	0	26-Feb-10	25-Jun-14	26-Feb-10	25-Jun-14	-----							SA41 - Site Office																																
A1210	SA42 - Temporary Contractor's Works Area	1582	0	25-Feb-10	25-Jun-14	25-Jun-14	25-Jun-14	-----							SA42 - Temporary Contractor's Works Area																																
<b>Section 15 (Subject to Excision, Engineer may instruct within 819 days)</b>																																															
A1220	Validity Period	819	763	25-Feb-10	23-May-12	29-Mar-12	25-Jun-14	-----							Validity Period							Validity Period																									
A1230	SA30 - North Bound	226	135	25-May-12	05-Jan-13	25-May-12	20-May-13	-----							SA30 - North Bound							SA30 - North Bou																									
A1240	SA30 - South Bound	122	0	06-Dec-12	06-Apr-13	06-Dec-12	06-Apr-13	-----							SA30 - South Bound							SA30 - South Bound																									
A1250	SA30 - Middle Lane	119	0	27-Feb-13	25-Jun-13	27-Feb-13	25-Jun-13	-----							SA30 - Middle Lane							SA30 - Middle Lane																									
<b>Section 16 (Subject to Excision, Engineer may instruct within 819 days)</b>																																															
A1260	Validity Period	819	763	25-Feb-10	23-May-12	29-Mar-12	25-Jun-14	-----							Validity Period							Validity Period																									
A1270	SA30 - North Bound	302	1	24-May-12	21-Mar-13	25-May-12	22-Mar-13	-----							SA30 - North Bound							SA30 - North Bound																									
A1280	SA30 - South Bound	190	1	17-Dec-12	24-Jun-13	18-Dec-12	25-Jun-13	-----							SA30 - South Bound							SA30 - South Bound																									

Project ID: J3318-DWP 20101009-1  
 Project Name: HY/2009/08 TOLO HIGHWAY WIDENING  
 Layout Name: DWP (Submission)  
 Data Date: 25-Feb-10  
 Print Time & Date: 13:48?11-Oct-10  
 Page 1 of 42

- Current Bar
- Level of Effort
- Critical
- % Complete
- Milestone

**Highways Department - Contract No. HY/2009/08**

**Widening of Tolo Highway/ Fanling Highway**  
**Stage 1 - Between Ma Wo and Tai Hang**

**Detailed Works Programme (Rev. 1)**



Ref.: GCD/J3318/RWP/01 Date: 26 Apr 10			
Date	Revision	Chec...	Approved
23-Aug-...	Detailed Works Program me	HT	WY
11-Oct-10	Detailed Works Program m...	ZJ	WY

Activity ID	Activity Name	Original Duration	Total Float	Early Start	Early Finish	Late Start	Late Finish	2010												2011												2012												2013											
								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	N	D	J	F	M	A	M	J	J	A	S	O	N	D		
								2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41								
A1290	SA30A - North Bound	397	1	24-May-12	24-Jun-13	25-May-12	25-Jun-13																																																
<b>Section 17 (Subject to Excision, Engineer may instruct within 819 days)</b>																																																							
A1300	Validity Period	819	763	25-Feb-10	23-May-12	29-Mar-12	25-Jun-14	Validity Period																																															
A1310	SA28 - North Bound	397	1	24-May-12	24-Jun-13	25-May-12	25-Jun-13																																																
A1320	SA30A - North Bound	397	1	24-May-12	24-Jun-13	25-May-12	25-Jun-13																																																
<b>KEY DATES/ MILESTONES</b>																																																							
<b>Portion Handover Dates</b>																																																							
<b>Section 1 (Site Area SA21)</b>																																																							
PHSA2100	Possession of SA21 (Day365)	0	0	26-Feb-11		26-Feb-11		◆ Possession of SA21 (Day365)																																															
<b>Section 2 (Site Area SA22, SA23, SA24, SA25 and SA26)</b>																																																							
PHSA2200	Possession of SA22 (Day0)	0	0	26-Feb-10		26-Feb-10		▷ Possession of SA22 (Day0)																																															
PHSA2300	Possession of SA23 (Day180)	0	0	25-Aug-10		25-Aug-10		◆ Possession of SA23 (Day180)																																															
PHSA2400	Possession of SA24 (Day180)	0	0	25-Aug-10		25-Aug-10		◆ Possession of SA24 (Day180)																																															
PHSA2500	Possession of SA25 (Day270)	0	0	23-Nov-10		23-Nov-10		◆ Possession of SA25 (Day270)																																															
PHSA2600	Possession of SA26 (Day0)	0	0	26-Feb-10		26-Feb-10		▷ Possession of SA26 (Day0)																																															
<b>Section 3 (Site Area SA26A and SA 27)</b>																																																							
PHSA26A0	Possession of SA26A (Day0)	0	0	26-Feb-10		26-Feb-10		▷ Possession of SA26A (Day0)																																															
PHSA2700	Possession of SA27 (Day 90)	0	0	27-Mar-10		27-Mar-10		◆ Possession of SA27 (Day 90)																																															
<b>Section 4 (Site Area SA28, SA29 and SA32)</b>																																																							
PHSA2800	Possession of SA28 (Day0)	0	0	26-Feb-10		26-Feb-10		▷ Possession of SA28 (Day0)																																															
PHSA2900	Possession of SA29 (Day270)	0	0	23-Nov-10		23-Nov-10		◆ Possession of SA29 (Day270)																																															
PHSA3200	Possession of SA32 (Day365)	0	0	26-Feb-11		26-Feb-11		◆ Possession of SA32 (Day365)																																															
<b>Section 5 (Site Area SA31)</b>																																																							
PHSA3100	Possession of SA31 (Day0)	0	0	26-Feb-10		26-Feb-10		▷ Possession of SA31 (Day0)																																															
<b>Section 7 (All Works Except Works Included in Other Sections)</b>																																																							
PHSA4100	Possession of SA41 (Day0)	0	0	26-Feb-10		26-Feb-10		▷ Possession of SA41 (Day0)																																															
PHSA4200	Possession of SA42 (Day0)	0	0	26-Feb-10		26-Feb-10		▷ Possession of SA42 (Day0)																																															
PHSA4300	Possession of SA43 (Day90)	0	0	27-May-10		27-May-10		◆ Possession of SA43 (Day90)																																															
<b>Section 8 (Establishment Works in Site Area SA21)</b>																																																							
PHSA2110	Possession of SA21 (Day1217)	0	0	26-Jun-13		26-Jun-13		◆																																															
<b>Section 9 (Establishment Works in Site Area SA22, SA23, SA24, SA25 and SA26)</b>																																																							
PHSA2210	Possession of SA22 (Day1217)	0	0	26-Jun-13		26-Jun-13		◆																																															
PHSA2310	Possession of SA23 (Day1217)	0	0	26-Jun-13		26-Jun-13		◆																																															
PHSA2420	Possession of SA24 (Day1217)	0	0	26-Jun-13		26-Jun-13		◆																																															
PHSA2510	Possession of SA25 (Day1217)	0	0	26-Jun-13		26-Jun-13		◆																																															
PHSA2610	Possession of SA26 (Day1217)	0	0	26-Jun-13		26-Jun-13		◆																																															
<b>Section 10 (Establishment Works in Site Area SA26A and SA27)</b>																																																							
PHSA26A10	Possession of SA26A (Day1217)	0	0	26-Jun-13		26-Jun-13		◆																																															
PHSA2710	Possession of SA27 (Day1217)	0	0	26-Jun-13		26-Jun-13		◆																																															
<b>Section 11 (Establishment Works in Site Area SA28 and SA29)</b>																																																							
PHSA2810	Possession of SA28 (Day1217)	0	0	26-Jun-13		26-Jun-13		◆																																															
PHSA2910	Possession of SA29 (Day1217)	0	0	26-Jun-13		26-Jun-13		◆																																															
<b>Section 12 (Establishment Works in Site Area SA30 and SA30A)</b>																																																							
PHSA3000	Possession of SA30 (Day1217)	0	0	26-Jun-13		26-Jun-13		◆																																															
PHSA30A0	Possession of SA30A (Day1217)	0	0	26-Jun-13		26-Jun-13		◆																																															
<b>Section 13 (Remainder of Establishment Works)</b>																																																							
PHSA3110	Possession of SA31 (Day1217)	0	0	26-Jun-13		26-Jun-13		◆																																															
PHSA3220	Possession of SA32 (Day1217)	0	0	26-Jun-13		26-Jun-13		◆																																															



Activity ID	Activity Name	Original Duration	Total Float	Early Start	Early Finish	Late Start	Late Finish	2010												2011												2012												2013																																																																											
								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			
								2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41																																																																								
AD000120	AD1 - Full Package to ICE for Certification	20	141	09-Jul-10	31-Jul-10	24-Dec-10	19-Jan-11																																																																																																																
AD000130	AD1 - Approval by ER/CLIENT/CEDD (GEO)	101	60	09-Jul-10	06-Nov-10	17-Sep-10	19-Jan-11																																																																																																																
<b>Package AD2: W57B</b>																																																																																																																							
AD000210	AD2 - Design Period	72	18	14-Apr-10	10-Jul-10	06-May-10	31-Jul-10																																																																																																																
AD000220	AD2 - Full Package to ICE for Certification	44	74	12-Jul-10	31-Aug-10	08-Oct-10	29-Nov-10																																																																																																																
AD000230	AD2 - Approval by ER/CLIENT/CEDD (GEO)	100	18	12-Jul-10	08-Nov-10	02-Aug-10	29-Nov-10																																																																																																																
<b>Package AD3: W69</b>																																																																																																																							
AD000310	AD3 - Design Period	75	6	03-May-10	31-Jul-10	10-May-10	07-Aug-10																																																																																																																
AD000320	AD3 - Full Package to ICE for Certification	57	49	02-Aug-10	08-Oct-10	29-Sep-10	06-Dec-10																																																																																																																
AD000330	AD3 - Approval by ER/CLIENT/CEDD (GEO)	100	6	02-Aug-10	29-Nov-10	09-Aug-10	06-Dec-10																																																																																																																
<b>Package AD4: W38</b>																																																																																																																							
AD000410	AD4 - Design Period	78	46	09-Jun-10	09-Sep-10	04-Aug-10	05-Nov-10																																																																																																																
AD000420	AD4 - Full Package to ICE for Certification	49	95	10-Sep-10	09-Nov-10	06-Jan-11	07-Mar-11																																																																																																																
AD000430	AD4 - Approval by ER/CLIENT/CEDD (GEO)	98	46	10-Sep-10	08-Jan-11	06-Nov-10	07-Mar-11																																																																																																																
<b>Package AD5 (Noise Barrier Foundation): NB38, NB39, NB41 &amp; NB43</b>																																																																																																																							
AD000510	AD5 - Design Period	98	0	21-Jun-10	15-Oct-10	21-Jun-10	15-Oct-10																																																																																																																
AD000520	AD5 - Full Package to ICE for Certification	51	23	18-Oct-10	15-Dec-10	13-Nov-10	14-Jan-11																																																																																																																
AD000530	AD5 - Approval by ER/CLIENT/CEDD (GEO)	74	0	18-Oct-10	14-Jan-11	18-Oct-10	14-Jan-11																																																																																																																
<b>MATERIALS PROCUREMENT</b>																																																																																																																							
<b>Major Materials (Detail shall refer to supplementary information)</b>																																																																																																																							
<b>Water Works</b>																																																																																																																							
MA001010	Place Order	0	44	31-Aug-10		14-Oct-10																																																																																																																	
MA001030	Fabrication, Manufacturing & Delivery - Initial	900	44	31-Aug-10	15-Feb-13	14-Oct-10	31-Mar-13																																																																																																																
<b>Vehicular Parapet SSD161</b>																																																																																																																							
MA001050	Place Order	0	29	17-May-11		15-Jun-11																																																																																																																	
MA001060	Fabrication, Manufacturing & Delivery - Initial	350	29	17-May-11	30-Apr-12	15-Jun-11	29-May-12																																																																																																																
<b>Bearing</b>																																																																																																																							
MA001070	Place Order	0	236	31-Jul-10		24-Mar-11																																																																																																																	
MA001080	Fabrication, Manufacturing & Delivery - Initial	630	236	31-Jul-10	20-Apr-12	24-Mar-11	12-Dec-12																																																																																																																
<b>Movement Joint</b>																																																																																																																							
MA001090	Place Order	0	63	31-Aug-10		02-Nov-10																																																																																																																	
MA001100	Fabrication, Manufacturing & Delivery - Initial	620	63	31-Aug-10	11-May-12	02-Nov-10	13-Jul-12																																																																																																																
<b>CONSTRUCTION PHASE</b>																																																																																																																							
<b>Preliminaries &amp; General Requirement</b>																																																																																																																							
<b>Preliminaries</b>																																																																																																																							
<b>General Submissions</b>																																																																																																																							
PR000000	Commencement of Works	0																																																																																																																					
PR001000	Site Establishment	90	24	25-Feb-10	25-May-10	21-Mar-10	18-Jun-10																																																																																																																
PR001010	Effect required Insurances	0	114	25-Feb-10		18-Jun-10																																																																																																																	
PR001030	Erect Contractor's Office Compound	69	45	25-Feb-10	04-May-10	11-Apr-10	18-Jun-10																																																																																																																
PR001040	Submit Site Organization Chart	14	100	25-Feb-10	10-Mar-10	05-Jun-10	18-Jun-10																																																																																																																
PR001050	Submit Site Layout Plan	7	107	25-Feb-10	03-Mar-10	12-Jun-10	18-Jun-10																																																																																																																
PR001060	Prepare/Submit Initial Works Programme	7	19	25-Feb-10	03-Mar-10	16-Mar-10	22-Mar-10																																																																																																																
PR001070	Approval on Initial Works Programme	30	19	04-Mar-10	02-Apr-10	23-Mar-10	21-Apr-10																																																																																																																
PR001080	Prepare/Submit Detailed Works Programme	58	19	03-Apr-10	30-May-10	22-Apr-10	18-Jun-10																																																																																																																
PR001090	Prepare/Submit First 3-month Programme	14	100	25-Feb-10	10-Mar-10	05-Jun-10	18-Jun-10																																																																																																																
PR001100	Submit initial 12-month Pgr for Rou. Maint. Work	14	100	25-Feb-10	10-Mar-10	05-Jun-10	18-Jun-10																																																																																																																
PR001110	Submit Rolling 3month Routine Maint. Program	14	100	25-Feb-10	10-Mar-10	05-Jun-10	18-Jun-10																																																																																																																

Activity ID	Activity Name	Original Duration	Total Float	Early Start	Early Finish	Late Start	Late Finish	2010												2011												2012												2013											
								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	N	D	J	F	M	A	M	J	J	A	S	O	N	D		
								2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41								
PR001170	Prepare/Submit Subcon Management Plan (SMP)	30	84	25-Feb-10	26-Mar-10	20-May-10	18-Jun-10	Prepare/Submit Subcon Management Plan (SMP)																																															
PR001200	Submit Interface Management Plan	60	54	25-Feb-10	25-Apr-10	20-Apr-10	18-Jun-10	Submit Interface Management Plan																																															
PR001242	Application of Expressway Permit	7	86	25-Feb-10	03-Mar-10	22-May-10	28-May-10	Application of Expressway Permit																																															
PR001244	Approval of Expressway Permit	21	86	04-Mar-10	24-Mar-10	29-May-10	18-Jun-10	Approval of Expressway Permit																																															
PR001246	Issurance of Excavation Permit form Hyd	7	107	25-Feb-10	03-Mar-10	12-Jun-10	18-Jun-10	Issurance of Excavation Permit form Hyd																																															
PR001256	Complete All General Submission	0	19		30-May-10		18-Jun-10	Complete All General Submission																																															
<b>Technical Submission</b>																																																							
PR001250	Submit Draft Traffic Management Contingency	45	1052	25-Feb-10	10-Apr-10	12-Jan-13	25-Feb-13	Submit Draft Traffic Management Contingency																																															
PR001260	Submit Sch of Const Seq/TTA in Prin Agreement	14	1083	25-Feb-10	10-Mar-10	12-Feb-13	25-Feb-13	Submit Sch of Const Seq/TTA in Prin Agreement																																															
PR001270	Submit TIA/TTA to ER, TD, HKPF etc for Approval	60	1037	25-Feb-10	25-Apr-10	28-Dec-12	25-Feb-13	Submit TIA/TTA to ER, TD, HKPF etc for Approval																																															
PR001280	Prepare/Submit Sch of Util Arrangement	60	1037	25-Feb-10	25-Apr-10	28-Dec-12	25-Feb-13	Prepare/Submit Sch of Util Arrangement																																															
PR001290	Prepare/Submit Conc Mix Design and Trial Test	70	1027	25-Feb-10	05-May-10	18-Dec-12	25-Feb-13	Prepare/Submit Conc Mix Design and Trial Test																																															
PR001300	Perform Slope / Topographic Survey	95	54	25-Feb-10	30-May-10	20-Apr-10	23-Jul-10	Perform Slope / Topographic Survey																																															
PR001310	Perform Natural Terrain Survey	272	54	01-Jan-11	29-Sep-11	24-Feb-11	22-Nov-11	Perform Natural Terrain Survey																																															
PR001320	Perform Tree Survey	125	972	25-Feb-10	29-Jun-10	24-Oct-12	25-Feb-13	Perform Tree Survey																																															
PR001330	Perform Existing Structural Survey	95	1002	25-Feb-10	30-May-10	23-Nov-12	25-Feb-13	Perform Existing Structural Survey																																															
PR001340	Install Geotechnical Instrumentation	90	1007	25-Feb-10	25-May-10	28-Nov-12	25-Feb-13	Install Geotechnical Instrumentation																																															
PR001350	Design for Temporary Noise Barrier	120	947	25-Feb-10	24-Jun-10	29-Sep-12	26-Jan-13	Design for Temporary Noise Barrier																																															
PR001360	Approval for Temporary Noise Barrier	30	947	25-Jun-10	24-Jul-10	27-Jan-13	25-Feb-13	Approval for Temporary Noise Barrier																																															
PR001370	Design for Irrigation System	150	917	25-Feb-10	24-Jul-10	30-Aug-12	26-Jan-13	Design for Irrigation System																																															
PR001380	Approval for Irrigation System	30	917	25-Jul-10	23-Aug-10	27-Jan-13	25-Feb-13	Approval for Irrigation System																																															
PR001390	Design for Permanent Debris Catch Fence	180	54	30-Sep-11	27-Mar-12	23-Nov-11	20-May-12	Design for Permanent Debris Catch Fence																																															
PR001400	Approval for Debris Catch Fence System Design	30	54	28-Mar-12	26-Apr-12	21-May-12	19-Jun-12	Approval for Debris Catch Fence System Design																																															
PR001410	Temporary Works Design	200	897	25-Feb-10	12-Sep-10	10-Aug-12	25-Feb-13	Temporary Works Design																																															
PR001420	Complete All Technical Submission	0	305		26-Apr-12		25-Feb-13	Complete All Technical Submission																																															
<b>Specialist Consultants</b>																																																							
PR001220	Nominate/Submit Horticulturist for Approval	45	19	25-Feb-10	10-Apr-10	16-Mar-10	30-Apr-10	Nominate/Submit Horticulturist for Approval																																															
PR001230	Nominate/Submit IIC (Highway Structures)	45	19	25-Feb-10	10-Apr-10	16-Mar-10	30-Apr-10	Nominate/Submit IIC (Highway Structures)																																															
PR001240	Nominate/Submit Traffic Consultant for Approval	7	57	25-Feb-10	03-Mar-10	23-Apr-10	30-Apr-10	Nominate/Submit Traffic Consultant for Approval																																															
PR001440	Complete Engagement of Specialist Consultants	0	19		10-Apr-10		30-Apr-10	Complete Engagement of Specialist Consultants																																															
<b>QSHE Submission</b>																																																							
PR001120	Prepare/Submit Quality Plan	28	36	25-Feb-10	24-Mar-10	02-Apr-10	30-Apr-10	Prepare/Submit Quality Plan																																															
PR001130	Prepare/Submit Draft Health & Safety Plan	14	50	25-Feb-10	10-Mar-10	16-Apr-10	30-Apr-10	Prepare/Submit Draft Health & Safety Plan																																															
PR001140	Prepare/Submit Final Health & Safety Plan	35	29	25-Feb-10	31-Mar-10	26-Mar-10	30-Apr-10	Prepare/Submit Final Health & Safety Plan																																															
PR001150	Prepare/Submit Draft Env Management Plan	21	43	25-Feb-10	17-Mar-10	09-Apr-10	30-Apr-10	Prepare/Submit Draft Env Management Plan																																															
PR001160	Prepare/Submit Final Env Management Plan	45	19	25-Feb-10	10-Apr-10	16-Mar-10	30-Apr-10	Prepare/Submit Final Env Management Plan																																															
PR001180	Submit Site Management Plan for Trip Ticket Sys	45	19	25-Feb-10	10-Apr-10	16-Mar-10	30-Apr-10	Submit Site Management Plan for Trip Ticket Sys																																															
PR001430	Complete All QSHE Submission	0	19		10-Apr-10		30-Apr-10	Complete All QSHE Submission																																															
<b>Section 1</b>																																																							
<b>Site Area SA21</b>																																																							
PHSA2120	Possession of SA21 (Day365)	0	1216	26-Feb-11			25-Jun-14	Possession of SA21 (Day365)																																															
SA210000	Site Area SA21 Works Period	851	0	26-Feb-11	25-Jun-13	26-Feb-11	25-Jun-13																																																
SA210010	Site Area SA21 Works Completion	0	0		25-Jun-13		25-Jun-13																																																
SA210020	Temporary Traffic Management (Detail shall refer to supplementary information)	688	0	26-Feb-11	25-Jun-13	25-Jun-13	25-Jun-13																																																
SA210030	Overall Utilities Diversion (Detail shall refer to supplementary informati...	688	0	26-Feb-11	25-Jun-13	25-Jun-13	25-Jun-13																																																
<b>North Bound</b>																																																							
<b>Preliminaries</b>																																																							
S21N0000	Site Clearance/Access Rd	48	0	26-Feb-11	27-Apr-11	26-Feb-11	27-Apr-11	Site Clearance/Access Rd																																															
<b>Slopeworks</b>																																																							
S21N5000	Slopeworks Fill(S21)	72	35	27-Apr-12	24-Jul-12	09-Jun-12	03-Sep-12	Slopeworks Fill(S21)																																															









Activity ID	Activity Name	Original Duration	Total Float	Early Start	Early Finish	Late Start	Late Finish	2010												2011												2012												2013											
								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	N	D	J	F	M	A	M	J	J	A	S	O	N	D		
								2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41								
<b>Retaining Wall W51A</b>								<ul style="list-style-type: none"> <li>□ Pre-drilling for W51A</li> <li>□ Piles for W51A</li> <li>□ Excavate to cut-off level</li> <li>□ Capping/Walling for W51A</li> <li>□ Backfilling</li> </ul>																																															
S21S2161	Pre-drilling for W51A	12	105	02-Apr-11	16-Apr-11	12-Aug-11	25-Aug-11																																																
S21S2162	Piles for W51A	20	105	18-Apr-11	16-May-11	26-Aug-11	19-Sep-11																																																
S21S2163	Excavate to cut-off level	8	105	17-May-11	25-May-11	20-Sep-11	28-Sep-11																																																
S21S2164	Capping/Walling for W51A	18	105	26-May-11	16-Jun-11	29-Sep-11	21-Oct-11																																																
S21S2165	Backfilling	12	105	17-Jun-11	30-Jun-11	22-Oct-11	04-Nov-11																																																
<b>Retaining Wall W35A</b>								<ul style="list-style-type: none"> <li>□ Pre-drilling for W35A</li> <li>□ Piles for W35A (20nos. BP)</li> <li>□ Excavate to cut-off level</li> <li>□ Capping/Walling for W35A</li> <li>□ Backfilling</li> </ul>																																															
S21S2210	Pre-drilling for W35A	18	36	15-Jun-12	07-Jul-12	30-Jul-12	18-Aug-12																																																
S21S2218	Piles for W35A (20nos. BP)	57	36	09-Jul-12	12-Sep-12	20-Aug-12	27-Oct-12																																																
S21S2230	Excavate to cut-off level	24	36	13-Sep-12	12-Oct-12	29-Oct-12	24-Nov-12																																																
S21S2240	Capping/Walling for W35A	43	36	28-Sep-12	20-Nov-12	13-Nov-12	04-Jan-13																																																
S21S2250	Backfilling	20	36	21-Nov-12	13-Dec-12	05-Jan-13	28-Jan-13																																																
<b>Roadworks, Drainage &amp; Utilities</b>								<ul style="list-style-type: none"> <li>■ Road Surface</li> <li>■ Roadmark</li> <li>■ Lane Shifting</li> <li>■ Drainages (ch2540-ch2840)</li> <li>■ Utilities (ch2540-ch2840)</li> <li>■ Roadworks, Drainages &amp; Utilities (Stage 2 Retaining Wall W35A)</li> <li>■ Road Surface, Roadmark and Lane Shifting</li> <li>■ Drainages (ch2400-ch2540)</li> <li>■ Utilities (ch2400-ch2540)</li> </ul>																																															
S21S3910	Road Surface	60	0	01-Aug-12	11-Oct-12	01-Aug-12	11-Oct-12																																																
S21S3920	Roadmark	60	0	12-Oct-12	21-Dec-12	12-Oct-12	21-Dec-12																																																
S21S4000	Roadworks, Drainages & Utilities (Stage 1 Retaining Wall W50 - W56))	32	0	22-Dec-12	31-Jan-13	22-Dec-12	31-Jan-13																																																
S21S4001	Lane Shifting	32	0	22-Dec-12	31-Jan-13	22-Dec-12	31-Jan-13																																																
S21S4002	Drainages (ch2540-ch2840)	76	0	01-Nov-12	31-Jan-13	01-Nov-12	31-Jan-13																																																
S21S4003	Utilities (ch2540-ch2840)	76	0	01-Aug-12	31-Oct-12	01-Aug-12	31-Oct-12																																																
S21S4010	Roadworks, Drainages & Utilities (Stage 2 Retaining Wall W35A)	48	36	14-Dec-12	14-Feb-13	29-Jan-13	28-Mar-13																																																
S21S4011	Road Surface, Roadmark and Lane Shifting	48	36	14-Dec-12	14-Feb-13	29-Jan-13	28-Mar-13																																																
S21S4012	Drainages (ch2400-ch2540)	36	36	31-Dec-12	14-Feb-13	15-Feb-13	28-Mar-13																																																
S21S4013	Utilities (ch2400-ch2540)	36	36	14-Dec-12	28-Jan-13	29-Jan-13	14-Mar-13																																																
<b>Noise Barriers &amp; Road Barriers</b>								<ul style="list-style-type: none"> <li>■ NB29A (CH 0-62.3)</li> <li>■ NB29A (CH 0-62.3) on W35A - Erecting H-Column</li> <li>■ NB29A (CH 0-62.3) on W35A - Installing Panel</li> <li>■ NB30 (CH 0-201.9)</li> <li>■ NB30 - Stage 1 : Excavation and Footing</li> <li>■ NB30 - Stage 2 : Excavation and Footing</li> <li>■ NB30 : Erecting H-Column</li> <li>■ NB30 : Installing Panel</li> <li>■ NB33 (CH 0-143)</li> <li>■ NB33 : Excavation and Footing</li> <li>■ NB33 : Erecting H-Column</li> <li>■ NB33 : Installing Panel</li> <li>■ Beam Barrier</li> </ul>																																															
S21S3010	NB29A (CH 0-62.3) on W35A	48	36	14-Dec-12	14-Feb-13	29-Jan-13	28-Mar-13																																																
S21S3011	NB29A (CH 0-62.3) on W35A - Erecting H-Column	20	36	14-Dec-12	09-Jan-13	29-Jan-13	23-Feb-13																																																
S21S3012	NB29A (CH 0-62.3) on W35A - Installing Panel	28	36	10-Jan-13	14-Feb-13	25-Feb-13	28-Mar-13																																																
S21S3020	NB30 (CH 0-201.9)	154	36	15-Jun-12	17-Dec-12	30-Jul-12	31-Jan-13																																																
S21S3021	NB30 - Stage 1 : Excavation and Footing	50	36	15-Jun-12	14-Aug-12	30-Jul-12	25-Sep-12																																																
S21S3022	NB30 - Stage 2 : Excavation and Footing	50	36	15-Aug-12	13-Oct-12	26-Sep-12	26-Nov-12																																																
S21S3023	NB30 : Erecting H-Column	27	36	15-Oct-12	15-Nov-12	27-Nov-12	29-Dec-12																																																
S21S3024	NB30 : Installing Panel	27	36	16-Nov-12	17-Dec-12	31-Dec-12	31-Jan-13																																																
S21S3030	NB33 (CH 0-143)	100	36	20-Aug-12	17-Dec-12	03-Oct-12	31-Jan-13																																																
S21S3031	NB33 : Excavation and Footing	60	36	20-Aug-12	31-Oct-12	03-Oct-12	12-Dec-12																																																
S21S3032	NB33 : Erecting H-Column	20	36	01-Nov-12	23-Nov-12	13-Dec-12	08-Jan-13																																																
S21S3033	NB33 : Installing Panel	20	36	24-Nov-12	17-Dec-12	09-Jan-13	31-Jan-13																																																
S21S3100	Beam Barrier	65	0	09-Jan-13	28-Mar-13	09-Jan-13	28-Mar-13																																																
<b>Noise barrier NB30 &amp; G60A on Mini-Piles</b>								<ul style="list-style-type: none"> <li>□ Pre-drilling for NB30 &amp; G60A</li> <li>□ Mini-Pile for NB30 &amp; G60A (6mp)</li> <li>□ Excavate to cut-off level</li> <li>□ Capping for NB30 &amp; G60A</li> <li>□ Backfilling</li> </ul>																																															
S21S2302	Pre-drilling for NB30 & G60A	15	113	15-Jun-12	04-Jul-12	31-Oct-12	16-Nov-12																																																
S21S2304	Mini-Pile for NB30 & G60A (6mp)	26	113	05-Jul-12	03-Aug-12	17-Nov-12	17-Dec-12																																																
S21S2306	Excavate to cut-off level	5	113	04-Aug-12	09-Aug-12	18-Dec-12	22-Dec-12																																																
S21S2308	Capping for NB30 & G60A	21	113	10-Aug-12	03-Sep-12	24-Dec-12	19-Jan-13																																																
S21S2310	Backfilling	10	113	04-Sep-12	14-Sep-12	21-Jan-13	31-Jan-13																																																
<b>Traffic Control &amp; Surveillance System</b>								<ul style="list-style-type: none"> <li>■ TCSS</li> <li>■ TCSS - Stage 1</li> <li>■ TCSS - Stage 2</li> <li>■ TCSS - Stage 3</li> </ul>																																															
S21S4800	TCSS	199	0	30-Jul-12	28-Mar-13	30-Jul-12	28-Mar-13																																																
S21S4810	TCSS - Stage 1	66	0	30-Jul-12	16-Oct-12	30-Jul-12	16-Oct-12																																																
S21S4820	TCSS - Stage 2	66	0	17-Oct-12	05-Jan-13	17-Oct-12	05-Jan-13																																																
S21S4830	TCSS - Stage 3	67	0	07-Jan-13	28-Mar-13	07-Jan-13	28-Mar-13																																																
<b>Landscaping</b>								<ul style="list-style-type: none"> <li>■ Landscaping Works</li> <li>■ Landscaping Works - Stage 1</li> <li>■ Landscaping Works - Stage 2</li> <li>■ Landscaping Works - Stage 3</li> </ul>																																															
S21S6000	Landscaping Works	210	92	18-Jun-12	01-Mar-13	08-Oct-12	25-Jun-13																																																
S21S6010	Landscaping Works - Stage 1	70	92	18-Jun-12	08-Sep-12	08-Oct-12	31-Dec-12																																																
S21S6020	Landscaping Works - Stage 2	70	92	10-Sep-12	03-Dec-12	02-Jan-13	27-Mar-13																																																
S21S6030	Landscaping Works - Stage 3	70	92	04-Dec-12	01-Mar-13	28-Mar-13	25-Jun-13																																																

Activity ID	Activity Name	Original Duration	Total Float	Early Start	Early Finish	Late Start	Late Finish	2010												2011												2012												2013											
								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	N	D	J	F	M	A	M	J	J	A	S	O	N	D		
								2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41								
<b>Middle Lane</b>																																																							
<b>Roadworks, Drainage &amp; Utilities</b>																																																							
S21M4000	Roadworks, Drainage & Utilities (Stage 1) (ch2460-ch2800) near NB30 & NB33	114	0	01-Feb-13	25-Jun-13	01-Feb-13	25-Jun-13																																																
S21M4001	Road Surface, Roadmark and Lane Shifting (Stage 1.1) near NB30	57	0	01-Feb-13	16-Apr-13	01-Feb-13	16-Apr-13																																																
S21M4002	Drainage (Stage 1.1) near NB30	42	0	22-Feb-13	16-Apr-13	22-Feb-13	16-Apr-13																																																
S21M4003	Utilities (Stage 1.1) near NB30	42	0	01-Feb-13	25-Mar-13	01-Feb-13	25-Mar-13																																																
S21M4004	Road Surface, Roadmark and Lane Shifting (Stage 1.2) near NB33	57	0	17-Apr-13	25-Jun-13	17-Apr-13	25-Jun-13																																																
S21M4005	Drainage (Stage 1.2) near NB33	42	0	06-May-13	25-Jun-13	06-May-13	25-Jun-13																																																
S21M4006	Utilities (Stage 1.2) near NB33	42	0	17-Apr-13	06-Jun-13	17-Apr-13	06-Jun-13																																																
S21M4010	Roadworks, Drainage & Utilities (Stage 2) (ch2400-ch2460) near NB29A	69	0	02-Apr-13	25-Jun-13	02-Apr-13	25-Jun-13																																																
S21M4011	Road Surface, Roadmark and Lane Shifting (Stage 2)	69	0	02-Apr-13	25-Jun-13	02-Apr-13	25-Jun-13																																																
S21M4012	Drainage (Stage 2)	42	0	06-May-13	25-Jun-13	06-May-13	25-Jun-13																																																
S21M4013	Utilities (Stage 2)	42	0	02-Apr-13	23-May-13	02-Apr-13	23-May-13																																																
<b>Noise Barriers &amp; Road Barriers</b>																																																							
S21M3000	Construct Noise Barrier NB32	45	0	02-May-13	25-Jun-13	02-May-13	25-Jun-13																																																
S21M3010	Erecting H-Column	24	0	02-May-13	30-May-13	02-May-13	30-May-13																																																
S21M3020	Installing Panel	30	0	21-May-13	25-Jun-13	21-May-13	25-Jun-13																																																
<b>Noise barrier NB32 &amp; G60A on Mini-Piles</b>																																																							
S21M3200	Pre-drilling for NB32 & G60A	10	0	01-Feb-13	15-Feb-13	01-Feb-13	15-Feb-13																																																
S21M3200	Mini-Pile for NB32 & G60A (12mp)	24	0	16-Feb-13	15-Mar-13	16-Feb-13	15-Mar-13																																																
S21M3200	Excavate to cut-off level	8	0	16-Mar-13	25-Mar-13	16-Mar-13	25-Mar-13																																																
S21M3200	Capping for NB32 & G60A	15	0	26-Mar-13	16-Apr-13	26-Mar-13	16-Apr-13																																																
S21M3200	Backfilling	12	0	17-Apr-13	30-Apr-13	17-Apr-13	30-Apr-13																																																
<b>Noise barrier NB32 &amp; G23A on Mini-Piles</b>																																																							
S21M3200	Pre-drilling for NB32 & G23A	10	0	01-Feb-13	15-Feb-13	01-Feb-13	15-Feb-13																																																
S21M3200	Piles for NB32 & G23A (8shp)	28	0	16-Feb-13	20-Mar-13	16-Feb-13	20-Mar-13																																																
S21M3200	Excavate to cut-off level	7	0	21-Mar-13	28-Mar-13	21-Mar-13	28-Mar-13																																																
S21M3200	Capping for NB32 & G23A	16	0	02-Apr-13	20-Apr-13	02-Apr-13	20-Apr-13																																																
S21M3200	Backfilling	8	0	22-Apr-13	30-Apr-13	22-Apr-13	30-Apr-13																																																
<b>Section 2</b>																																																							
<b>Site Area SA22</b>																																																							
PHSA2220	Possession of SA22 (Day0)	0	0	26-Feb-10		26-Feb-10		Possession of SA22 (Day0)																																															
SA220000	Site Area SA22 Works Period	1216	0	26-Feb-10	25-Jun-13	26-Feb-10	25-Jun-13																																																
SA220010	Site Area SA22 Works Completion	0	0		25-Jun-13		25-Jun-13																																																
SA220020	Temporary Traffic Management (Detail shall refer to supplementary information)	985	0	25-Feb-10	25-Jun-13	25-Jun-13	25-Jun-13																																																
SA220030	Overall Utilities Diversion (Detail shall refer to supplementary informati...	985	0	25-Feb-10	25-Jun-13	25-Jun-13	25-Jun-13																																																
<b>North Bound</b>																																																							
<b>Preliminaries</b>																																																							
S22N0000	Site Clearance/Access Rd (W56A&W56B)	90	0	26-Feb-10	18-Jun-10	26-Feb-10	18-Jun-10	Site Clearance/Access Rd (W56A&W56B)																																															
S22N0001	Site Clearance - Stage 1 (Near W56A)	30	0	26-Feb-10	01-Apr-10	26-Feb-10	01-Apr-10	Site Clearance - Stage 1 (Near W56A)																																															
S22N0002	Access Road - Stage 1 (Near W56A)	30	0	22-Mar-10	29-Apr-10	22-Mar-10	29-Apr-10	Access Road - Stage 1 (Near W56A)																																															
S22N0003	Site Clearance - Stage 2 (Near W56B)	30	0	19-Apr-10	17-Apr-10	17-Apr-10	17-Apr-10	Site Clearance - Stage 2 (Near W56B)																																															
S22N0004	Access Road - Stage 2 (Near W56B)	30	0	13-May-10	18-Jun-10	13-May-10	18-Jun-10	Access Road - Stage 2 (Near W56B)																																															
S22N0030	Erection of Temp Safety Fence (N/B ch2840-3150)	60	73	10-May-10	21-Jul-10	06-Aug-10	18-Oct-10	Erection of Temp Safety Fence (N/B ch2840-3150)																																															
S22N0040	Erection of Temp Safety Fence (N/B ch2840-3000)	30	73	10-May-10	14-Jun-10	06-Aug-10	09-Sep-10	Erection of Temp Safety Fence (N/B ch2840-3000)																																															
S22N0050	Erection of Temp Safety Fence (N/B ch3000-3150)	30	73	15-Jun-10	21-Jul-10	10-Sep-10	18-Oct-10	Erection of Temp Safety Fence (N/B ch3000-3150)																																															
<b>Slopeworks</b>																																																							
S22N5000	Slopeworks Cut(S29-sn)	392	115	22-Jul-10	14-Nov-11	07-Dec-10	03-Apr-12	Slopeworks Cut(S29-sn)																																															
S22N5010	Slopeworks (S29) - Stage 1 (Cutslope)	12	115	22-Jul-10	04-Aug-10	07-Dec-10	20-Dec-10	Slopeworks (S29) - Stage 1 (Cutslope)																																															
S22N5020	Slopeworks (S29) - Stage 1 (Soil Nail Installation : QRS) 117nos.	12	115	05-Aug-10	18-Aug-10	21-Dec-10	06-Jan-11	Slopeworks (S29) - Stage 1 (Soil Nail Installation : QRS) 117nos.																																															

Activity ID	Activity Name	Original Duration	Total Float	Early Start	Early Finish	Late Start	Late Finish	2010												2011												2012												2013																																															
								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		
								2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41																																												
S22N5040	Slopeworks (S29) - Stage 2 (Cutslope)	21	115	19-Aug-10	11-Sep-10	07-Jan-11	31-Jan-11	Slopeworks (S29) - Stage 2 (Cutslope)																																																																																			
S22N5050	Slopeworks (S29) - Stage 2 (Soil Nail Installation : MNOP) 207nos.	21	115	13-Sep-10	08-Oct-10	01-Feb-11	28-Feb-11	Slopeworks (S29) - Stage 2 (Soil Nail Installation : MNOP) 207nos.																																																																																			
S22N5070	Slopeworks (S29) - Stage 3 (Cutslope)	28	115	09-Oct-10	11-Nov-10	01-Mar-11	01-Apr-11	Slopeworks (S29) - Stage 3 (Cutslope)																																																																																			
S22N5080	Slopeworks (S29) - Stage 3 (Soil Nail Installation : IJKL) 273nos.	28	115	12-Nov-10	14-Dec-10	02-Apr-11	11-May-11	Slopeworks (S29) - Stage 3 (Soil Nail Installation : IJKL) 273nos.																																																																																			
S22N5100	Slopeworks (S29) - Stage 4 (Cutslope)	35	115	15-Dec-10	27-Jan-11	12-May-11	22-Jun-11	Slopeworks (S29) - Stage 4 (Cutslope)																																																																																			
S22N5110	Slopeworks (S29) - Stage 4 (Soil Nail Installation : EFGH) 348nos.	35	115	28-Jan-11	12-Mar-11	23-Jun-11	03-Aug-11	Slopeworks (S29) - Stage 4 (Soil Nail Installation : EFGH) 348nos.																																																																																			
S22N5130	Slopeworks (S29) - Stage 5 (Cutslope)	45	115	14-Mar-11	11-May-11	04-Aug-11	26-Sep-11	Slopeworks (S29) - Stage 5 (Cutslope)																																																																																			
S22N5140	Slopeworks (S29) - Stage 5 (Soil Nail Installation : ABCD) 440nos.	45	115	12-May-11	05-Jul-11	27-Sep-11	19-Nov-11	Slopeworks (S29) - Stage 5 (Soil Nail Installation : ABCD) 440nos.																																																																																			
S22N5160	Slopeworks (S29) - Stage 6 (Cutslope)	50	115	06-Jul-11	01-Sep-11	21-Nov-11	20-Jan-12	Slopeworks (S29) - Stage 6 (Cutslope)																																																																																			
S22N5170	U-Channel and Berm	30	115	02-Sep-11	10-Oct-11	21-Jan-12	28-Feb-12	U-Channel and Berm																																																																																			
S22N5180	Shotcreting	30	115	11-Oct-11	14-Nov-11	29-Feb-12	03-Apr-12	Shotcreting																																																																																			
S22N5200	Debris Catcher Fence and NTHA Protective Measures (Area 3A) [Provisional Item]	150	112	06-Aug-12	02-Feb-13	18-Dec-12	25-Jun-13	Debris Catcher																																																																																			
S22N5210	Site Access to Hazard Rock Areas	75	112	06-Aug-12	03-Nov-12	18-Dec-12	21-Mar-13	Site Access to Hazard Rock Areas																																																																																			
S22N5220	Installation of Rock Fall Fence	75	112	05-Nov-12	02-Feb-13	22-Mar-13	25-Jun-13	Installation of Rock Fall Fence																																																																																			
<b>Construction of Retaining Wall</b>																																																																																											
<b>Retaining Wall W56A on Piles</b>																																																																																											
S22N2110	Pre-drilling for W56A	34	0	06-Sep-10	18-Oct-10	06-Sep-10	18-Oct-10	Pre-drilling for W56A																																																																																			
S22N2120	Prepare Piling Platform for W56A	34	0	06-Sep-10	18-Oct-10	06-Sep-10	18-Oct-10	Prepare Piling Platform for W56A																																																																																			
S22N2130	Piles for W56A	300	0	19-Oct-10	22-Oct-11	19-Oct-10	22-Oct-11	Piles for W56A																																																																																			
S22N2131	Piles and concreting for W56A (Stage 1) 6nos.	60	0	19-Oct-10	29-Dec-10	19-Oct-10	29-Dec-10	Piles and concreting for W56A (Stage 1) 6nos.																																																																																			
S22N2132	Piles and concreting for W56A (Stage 2) 6nos.	60	0	30-Dec-10	14-Mar-11	30-Dec-10	14-Mar-11	Piles and concreting for W56A (Stage 2) 6nos.																																																																																			
S22N2133	Piles and concreting for W56A (Stage 3) 7nos.	60	0	15-Mar-11	30-May-11	15-Mar-11	30-May-11	Piles and concreting for W56A (Stage 3) 7nos.																																																																																			
S22N2134	Piles and concreting for W56A (Stage 4) 7nos.	60	0	31-May-11	10-Aug-11	31-May-11	10-Aug-11	Piles and concreting for W56A (Stage 4) 7nos.																																																																																			
S22N2135	Piles and concreting for W56A (Stage 5) 7nos.	60	0	11-Aug-11	22-Oct-11	11-Aug-11	22-Oct-11	Piles and concreting for W56A (Stage 5) 7nos.																																																																																			
S22N2150	Excavate to cut-off level	180	0	30-Dec-10	10-Aug-11	30-Dec-10	10-Aug-11	Excavate to cut-off level																																																																																			
S22N2151	Excavate to cut-off level (Stage 1)	60	0	30-Dec-10	14-Mar-11	30-Dec-10	14-Mar-11	Excavate to cut-off level (Stage 1)																																																																																			
S22N2152	Excavate to cut-off level (Stage 2)	60	0	15-Mar-11	30-May-11	15-Mar-11	30-May-11	Excavate to cut-off level (Stage 2)																																																																																			
S22N2153	Excavate to cut-off level (Stage 3)	60	0	31-May-11	10-Aug-11	31-May-11	10-Aug-11	Excavate to cut-off level (Stage 3)																																																																																			
S22N2154	Excavate to cut-off level (Stage 4)	60	0	11-Aug-11	22-Oct-11	11-Aug-11	22-Oct-11	Excavate to cut-off level (Stage 4)																																																																																			
S22N2155	Excavate to cut-off level (Stage 5)	60	0	24-Oct-11	04-Jan-12	24-Oct-11	04-Jan-12	Excavate to cut-off level (Stage 5)																																																																																			
S22N2160	Base Slab for W56A	120	0	15-Mar-11	10-Aug-11	15-Mar-11	10-Aug-11	Base Slab for W56A																																																																																			
S22N2161	Base Slab for W56A (Stage 1)	60	0	15-Mar-11	30-May-11	15-Mar-11	30-May-11	Base Slab for W56A (Stage 1)																																																																																			
S22N2162	Base Slab for W56A (Stage 2)	60	0	31-May-11	10-Aug-11	31-May-11	10-Aug-11	Base Slab for W56A (Stage 2)																																																																																			
S22N2164	Base Slab for W56A (Stage 3)	60	0	11-Aug-11	22-Oct-11	11-Aug-11	22-Oct-11	Base Slab for W56A (Stage 3)																																																																																			
S22N2165	Base Slab for W56A (Stage 4)	60	0	24-Oct-11	04-Jan-12	24-Oct-11	04-Jan-12	Base Slab for W56A (Stage 4)																																																																																			
S22N2166	Base Slab for W56A (Stage 5)	60	0	05-Jan-12	17-Mar-12	05-Jan-12	17-Mar-12	Base Slab for W56A (Stage 5)																																																																																			
S22N2170	Wall Stem	300	0	31-May-11	02-Jun-12	31-May-11	02-Jun-12	Wall Stem																																																																																			
S22N2171	Wall Stem (Stage 1)	60	0	31-May-11	10-Aug-11	31-May-11	10-Aug-11	Wall Stem (Stage 1)																																																																																			
S22N2173	Wall Stem (Stage 2)	60	0	11-Aug-11	22-Oct-11	11-Aug-11	22-Oct-11	Wall Stem (Stage 2)																																																																																			
S22N2174	Wall Stem (Stage 3)	60	0	24-Oct-11	04-Jan-12	24-Oct-11	04-Jan-12	Wall Stem (Stage 3)																																																																																			
S22N2175	Wall Stem (Stage 4)	60	0	05-Jan-12	17-Mar-12	05-Jan-12	17-Mar-12	Wall Stem (Stage 4)																																																																																			
S22N2176	Wall Stem (Stage 5)	60	0	19-Mar-12	02-Jun-12	19-Mar-12	02-Jun-12	Wall Stem (Stage 5)																																																																																			
<b>Retaining Wall W56B on Mini-Piles (AD)</b>																																																																																											
S22N2210	Prepare Piling Platform for W56B	37	0	02-Oct-10	15-Nov-10	02-Oct-10	15-Nov-10	Prepare Piling Platform for W56B																																																																																			
S22N2220	Pre-drilling for W56B	37	0	02-Oct-10	15-Nov-10	02-Oct-10	15-Nov-10	Pre-drilling for W56B																																																																																			
S22N2240	Pipe Pile for W56B	98	0	16-Nov-10	16-Mar-11	16-Nov-10	16-Mar-11	Pipe Pile for W56B																																																																																			
S22N2241	Pipe Pile for W56B - Stage 1 (ch2920-3040)	75	0	16-Nov-10	17-Feb-11	16-Nov-10	17-Feb-11	Pipe Pile for W56B - Stage 1 (ch2920-3040)																																																																																			
S22N2242	Pipe Pile for W56B - Stage 2 (ch3040-3160)	75	0	13-Dec-10	16-Mar-11	13-Dec-10	16-Mar-11	Pipe Pile for W56B - Stage 2 (ch3040-3160)																																																																																			
S22N2250	Construction of W56B	186	0	17-Mar-11	01-Nov-11	17-Mar-11	01-Nov-11	Construction of W56B																																																																																			
S22N2251	Excavation (W56B)	30	0	17-Mar-11	21-Apr-11	17-Mar-11	21-Apr-11	Excavation (W56B)																																																																																			
S22N2252	Base Slab (W56B)	78	0	26-Apr-11	29-Jul-11	26-Apr-11	29-Jul-11	Base Slab (W56B)																																																																																			
S22N2253	Wall Stem (W56B)	78	0	30-Jul-11	01-Nov-11	30-Jul-11	01-Nov-11	Wall Stem (W56B)																																																																																			

Activity ID	Activity Name	Original Duration	Total Float	Early Start	Early Finish	Late Start	Late Finish	2010												2011												2012												2013											
								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	N	D	J	F	M	A	M	J	J	A	S	O	N	D		
								2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41								
<b>Roadworks, Drainage &amp; Utilities</b>																																																							
<b>Noise Barriers &amp; Road Barriers</b>																																																							
<b>Traffic Control &amp; Surveillance System</b>																																																							
<b>Landscaping</b>																																																							
<b>South Bound</b>																																																							
<b>Preliminaries</b>																																																							
<b>Slopeworks</b>																																																							
<b>Construction of Retaining Wall</b>																																																							
<b>Retaining Wall RWB12B</b>																																																							

Activity ID	Activity Name	Original Duration	Total Float	Early Start	Early Finish	Late Start	Late Finish	2010												2011												2012												2013											
								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	N	D	J	F	M	A	M	J								
								2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41								
<b>Roadworks, Drainage &amp; Utilities</b>																																																							
S22S4000	Roadworks, Drainages & Utilities (S/B ch3000-3400)	269	22	15-May-12	11-Apr-13	15-May-12	08-May-13																																																
S22S4001	Road Surface - Stage 1.1 (S/B ch3000-3200)	75	0	15-May-12	13-Aug-12	15-May-12	13-Aug-12																																																
S22S4002	Roadmark and Lane Shifting - Stage 1.1 (S/B ch3000-3200)	57	9	14-Aug-12	20-Oct-12	24-Aug-12	01-Nov-12																																																
S22S4003	Utilities - Stage 1.1 (S/B ch3000-3200)	75	0	03-Mar-12	05-Jun-12	03-Mar-12	05-Jun-12																																																
S22S4004	Road Surface - Stage 1.2 (S/B ch3200-3400)	75	9	22-Oct-12	21-Jan-13	02-Nov-12	31-Jan-13																																																
S22S4005	Roadmark and Lane Shifting - Stage 1.2 (S/B ch3200-3400)	62	22	22-Jan-13	11-Apr-13	20-Feb-13	08-May-13																																																
S22S4007	Drainages - Stage 1.2 (S/B ch3200-3400)	75	9	22-Oct-12	21-Jan-13	02-Nov-12	31-Jan-13																																																
S22S4008	Utilities - Stage 1.2 (S/B ch3200-3400)	75	9	14-Aug-12	12-Nov-12	24-Aug-12	22-Nov-12																																																
S22S4012	Drainages - Stage 1.1 (S/B ch3000-3200)	76	0	14-May-12	13-Aug-12	14-May-12	13-Aug-12																																																
S22S4020	Roadworks, Drainages & Utilities (S/B ch2810-ch3000)	152	0	01-Aug-12	31-Jan-13	01-Aug-12	31-Jan-13																																																
S22S4021	Road Surface, Roadmark and Lane Shifting - Stage 2.1 (S/B ch2810-2900)	76	0	01-Aug-12	31-Oct-12	01-Aug-12	31-Oct-12																																																
S22S4022	Drainages - Stage 2.1 (S/B ch2810-2900)	42	0	10-Sep-12	31-Oct-12	10-Sep-12	31-Oct-12																																																
S22S4023	Utilities - Stage 2.1 (S/B ch2810-2900)	42	0	01-Aug-12	18-Sep-12	01-Aug-12	18-Sep-12																																																
S22S4024	Road Surface, Roadmark and Lane Shifting - Stage 2.2 (S/B ch2900-3000)	76	0	01-Nov-12	31-Jan-13	01-Nov-12	31-Jan-13																																																
S22S4025	Drainages - Stage 2.2 (S/B ch2900-3000)	42	0	11-Dec-12	31-Jan-13	11-Dec-12	31-Jan-13																																																
S22S4026	Utilities - Stage 2.2 (S/B ch2900-3000)	42	0	01-Nov-12	19-Dec-12	01-Nov-12	19-Dec-12																																																
S22S4500	Realignment of Existing Shek Lin Road	75	124	12-Jul-11	10-Oct-11	07-Dec-11	09-Mar-12	Realignment of Existing Shek Lin Road																																															
<b>Noise Barriers &amp; Road Barriers</b>																																																							
S22S3000	Beam Barrier	216	0	15-May-12	31-Jan-13	15-May-12	31-Jan-13																																																
S22S3010	Beam Barrier : Erecting of Short Column - Stage 1 (S/B ch3000-3400)	72	0	15-May-12	09-Aug-12	15-May-12	09-Aug-12																																																
S22S3020	Beam Barrier : Installing M-Barrier - Stage 1 (S/B ch3000-3400)	72	0	10-Aug-12	05-Nov-12	10-Aug-12	05-Nov-12																																																
S22S3040	Beam Barrier : Erecting of Short Column - Stage 2 (S/B ch2810-3000)	72	0	10-Aug-12	05-Nov-12	10-Aug-12	05-Nov-12																																																
S22S3050	Beam Barrier : Installing M-Barrier - Stage 2 (S/B ch2810-3000)	72	0	06-Nov-12	31-Jan-13	06-Nov-12	31-Jan-13																																																
<b>Traffic Control &amp; Surveillance System</b>																																																							
S22S4800	TCSS - (S/B ch2840-ch3400)	216	0	15-May-12	31-Jan-13	15-May-12	31-Jan-13																																																
S22S4810	TCSS - (S/B ch2840-ch3000)	72	0	15-May-12	09-Aug-12	15-May-12	09-Aug-12																																																
S22S4820	TCSS - (S/B ch3000-3200)	72	0	10-Aug-12	05-Nov-12	10-Aug-12	05-Nov-12																																																
S22S4830	TCSS - (S/B ch3200-3400)	72	0	06-Nov-12	31-Jan-13	06-Nov-12	31-Jan-13																																																
<b>Modification of Existing Bridge</b>																																																							
S22S1300	Demolish Existing Parapet & Stitching Works for bridge 12	273	6	03-Mar-12	31-Jan-13	10-Mar-12	07-Feb-13																																																
S22S1320	TTA preparation	75	6	03-Mar-12	05-Jun-12	10-Mar-12	12-Jun-12																																																
S22S1321	TTA Trial Run & approval	65	6	06-Jun-12	22-Aug-12	13-Jun-12	29-Aug-12																																																
S22S1325	Demolish Existing Parapet	75	6	23-Aug-12	21-Nov-12	30-Aug-12	28-Nov-12																																																
S22S1330	Stitching Works	75	6	02-Nov-12	31-Jan-13	09-Nov-12	07-Feb-13																																																
<b>Landscaping</b>																																																							
S22S6000	Landscaping Works	321	139	02-Dec-11	02-Jan-13	25-May-12	25-Jun-13																																																
<b>Middle Lane</b>																																																							
<b>Roadworks, Drainage &amp; Utilities</b>																																																							
S22M4000	Roadworks, Drainage & Utilities	114	0	01-Feb-13	25-Jun-13	08-Feb-13	25-Jun-13																																																
S22M4010	Road Surface (M ch2840-3400)	75	6	01-Feb-13	08-May-13	08-Feb-13	15-May-13																																																
S22M4012	Roadmark and Lane Shifting (M ch2840-3400)	54	0	20-Apr-13	25-Jun-13	20-Apr-13	25-Jun-13																																																
S22M4020	Drainage	76	0	21-Mar-13	25-Jun-13	21-Mar-13	25-Jun-13																																																
S22M4030	Utilities	75	0	01-Feb-13	08-May-13	01-Feb-13	08-May-13																																																
<b>Noise Barriers &amp; Road Barriers</b>																																																							
S22M3000	Construct Noise Barrier	114	0	01-Feb-13	25-Jun-13	01-Feb-13	25-Jun-13																																																
S22M3010	Erecting H-Column	57	0	01-Feb-13	16-Apr-13	01-Feb-13	16-Apr-13																																																
S22M3020	Installing Panel	57	0	17-Apr-13	25-Jun-13	17-Apr-13	25-Jun-13																																																
<b>Site Area SA23</b>																																																							
PHSA2320	Possession of SA23 (Day180)	0	0	24-Aug-10		24-Aug-10		Possession of SA23 (Day180)																																															



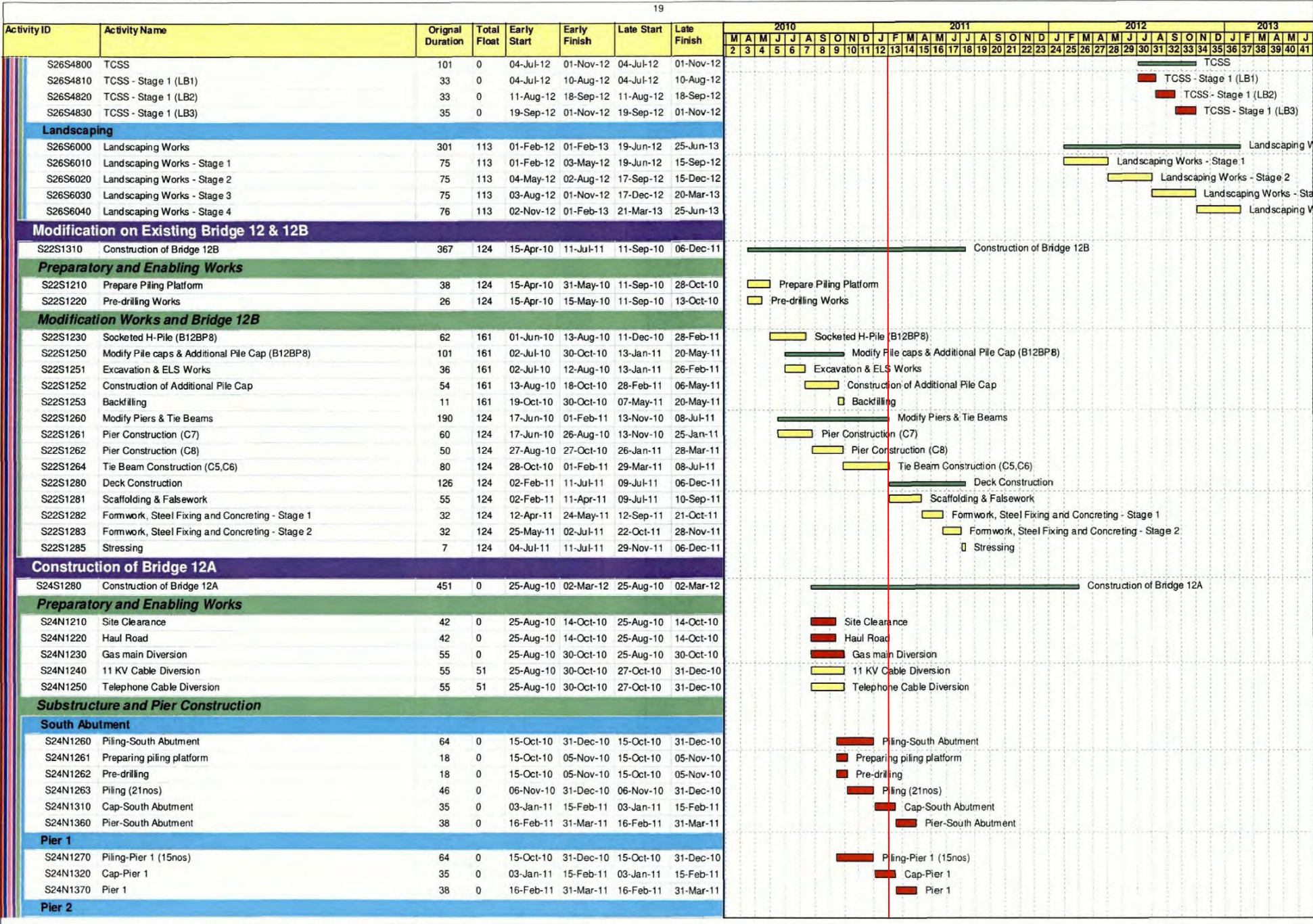
Activity ID	Activity Name	Original Duration	Total Float	Early Start	Early Finish	Late Start	Late Finish	2010												2011												2012												2013											
								M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J								
								2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41								
SA230000	Site Area SA23 Works Period	698	153	26-Feb-11	23-Jan-13	26-Feb-11	25-Jun-13	Site Area SA23																																															
SA230010	Site Area SA23 Works Completion	0	0		25-Jun-13		25-Jun-13																																																
<b>South Bound</b>																																																							
<b>Preliminaries</b>																																																							
S23S0000	Site Clearance / Site Access	112	255	26-Feb-11	15-Jul-11	06-Jan-12	24-May-12	Site Clearance / Site Access																																															
S23S1000	Site Clearance	72	255	26-Feb-11	27-May-11	06-Jan-12	02-Apr-12	Site Clearance																																															
S23S2000	Site Access	72	255	15-Apr-11	15-Jul-11	25-Feb-12	24-May-12	Site Access																																															
<b>Slopeworks</b>																																																							
S21N2638	Slopeworks Fill (S27)	99	183	23-Dec-11	27-Apr-12	25-May-12	05-Dec-12	Slopeworks Fill (S27)																																															
S21N26381	Slopeworks Fill (S27) - Stage 1	33	121	23-Dec-11	06-Feb-12	25-May-12	05-Jul-12	Slopeworks Fill (S27) - Stage 1																																															
S21N26382	Slopeworks Fill (S27) - Stage 2	33	183	07-Feb-12	15-Mar-12	17-Sep-12	27-Oct-12	Slopeworks Fill (S27) - Stage 2																																															
S21N26383	Slopeworks Fill (S27) - Stage 3	33	183	16-Mar-12	27-Apr-12	29-Oct-12	05-Dec-12	Slopeworks Fill (S27) - Stage 3																																															
S21N2740	Debris Catcher Fence and NTHA Protective Measures (Area 3B) (Provision Item)	100	244	27-Apr-12	25-Aug-12	21-Feb-13	25-Jun-13	Debris Catcher Fence and NTHA																																															
S21N2741	Access Rock to Hazard Rock Areas	30	244	27-Apr-12	02-Jun-12	21-Feb-13	27-Mar-13	Access Rock to Hazard Rock Areas																																															
S21N2742	Installation of Rock Fall Fence	70	244	04-Jun-12	25-Aug-12	28-Mar-13	25-Jun-13	Installation of Rock Fall Fence																																															
<b>Landscaping</b>																																																							
S23S6000	Landscaping Works	321	121	23-Dec-11	23-Jan-13	25-May-12	25-Jun-13	Landscaping Works																																															
S23S6010	Landscaping Works - Stage 1	81	121	23-Dec-11	02-Apr-12	25-May-12	30-Aug-12	Landscaping Works - Stage 1																																															
S23S6020	Landscaping Works - Stage 2	80	121	03-Apr-12	13-Jul-12	31-Aug-12	05-Dec-12	Landscaping Works - Stage 2																																															
S23S6030	Landscaping Works - Stage 3	80	121	14-Jul-12	17-Oct-12	06-Dec-12	15-Mar-13	Landscaping Works - Stage 3																																															
S23S6040	Landscaping Works - Stage 4	80	121	18-Oct-12	23-Jan-13	16-Mar-13	25-Jun-13	Landscaping Works - Stage 4																																															
<b>Site Area SA24</b>																																																							
PHSA2410	Possession of SA24 (Day180)	0	0	24-Aug-10		24-Aug-10		Possession of SA24 (Day180)																																															
SA240000	Site Area SA24 Works Period	788	249	24-Aug-10	19-Oct-12	24-Aug-10	25-Jun-13	Site Area SA24 Works Period																																															
SA240010	Site Area SA24 Works Completion	0	0		25-Jun-13		25-Jun-13																																																
<b>North Bound</b>																																																							
<b>Preliminaries</b>																																																							
S24N0000	Site Clearance/Access Rd	89	0	25-Aug-10	09-Dec-10	25-Aug-10	09-Dec-10	Site Clearance/Access Rd																																															
S24N0010	Site Clearance	72	0	25-Aug-10	19-Nov-10	25-Aug-10	19-Nov-10	Site Clearance																																															
S24N0020	Access Road	78	0	07-Sep-10	09-Dec-10	07-Sep-10	09-Dec-10	Access Road																																															
<b>Slopeworks</b>																																																							
S24N5000	Slopeworks Cut(S31A)	147	55	01-Nov-10	03-May-11	07-Jan-11	09-Jul-11	Slopeworks Cut(S31A)																																															
S24N5010	Slopeworks Cut (S31A) and Installation of Soil Nail : Stage 1 (Upper)	62	55	01-Nov-10	14-Jan-11	07-Jan-11	23-Mar-11	Slopeworks Cut (S31A) and Installation of Soil Nail : Stage 1 (Upper)																																															
S24N5020	Slopeworks Cut (S31A) and Installation of Soil Nail : Stage 2 (Lower)	62	55	15-Jan-11	31-Mar-11	24-Mar-11	11-Jun-11	Slopeworks Cut (S31A) and Installation of Soil Nail : Stage 2 (Lower)																																															
S24N5030	Slopeworks Cut (S31A) : Shortcreting	23	55	01-Apr-11	03-May-11	13-Jun-11	09-Jul-11	Slopeworks Cut (S31A) : Shortcreting																																															
S24N5800	Debris Catcher Fence and NTHA Protective Measures (Area 4) [Provisional Item]	264	80	27-Apr-12	15-Mar-13	03-Aug-12	25-Jun-13	Debris Catcher Fence and NTHA																																															
S24N5810	Site Access to Hazard Rock Areas - Stage 1	60	80	27-Apr-12	10-Jul-12	03-Aug-12	13-Oct-12	Site Access to Hazard Rock Areas - Stage 1																																															
S24N5811	Site Access to Hazard Rock Areas - Stage 2	60	80	11-Jul-12	18-Sep-12	15-Oct-12	24-Dec-12	Site Access to Hazard Rock Areas - Stage 2																																															
S24N5820	Installation of Rock Fall Fence - Stage 1	72	80	19-Sep-12	14-Dec-12	27-Dec-12	25-Mar-13	Installation of Rock Fall Fence - Stage 1																																															
S24N5821	Installation of Rock Fall Fence - Stage 2	72	80	15-Dec-12	15-Mar-13	26-Mar-13	25-Jun-13	Installation of Rock Fall Fence - Stage 2																																															
<b>Construction of Retaining Wall</b>																																																							
<b>Retaining Wall W56B-2 (Remaining) (AD)</b>																																																							
S24N2110	Prepare Piling Platform for W56B-2	24	40	02-Oct-10	30-Oct-10	19-Nov-10	16-Dec-10	Prepare Piling Platform for W56B-2																																															
S24N2120	Pre-drilling for W56B-2	18	40	01-Nov-10	20-Nov-10	17-Dec-10	10-Jan-11	Pre-drilling for W56B-2																																															
S24N2130	Pipe Pile for W56B-2	151	40	22-Nov-10	30-May-11	11-Jan-11	18-Jul-11	Pipe Pile for W56B-2																																															
S24N2131	Pipe Pile for W56B-2 (Stage 1)	76	40	22-Nov-10	24-Feb-11	11-Jan-11	13-Apr-11	Pipe Pile for W56B-2 (Stage 1)																																															
S24N2132	Pipe Pile for W56B-2 (Stage 2)	75	40	25-Feb-11	30-May-11	14-Apr-11	18-Jul-11	Pipe Pile for W56B-2 (Stage 2)																																															
S24N2140	Excavate and Tension Piles W56B-2	135	40	25-Feb-11	10-Aug-11	19-Jul-11	27-Sep-11	Excavate and Tension Piles W56B-2																																															
S24N2141	Excavation and Installation of Tension Piles (Stage 1)	60	115	25-Feb-11	12-May-11	19-Jul-11	27-Sep-11	Excavation and Installation of Tension Piles (Stage 1)																																															
S24N2142	Excavation and Installation of Tension Piles (Stage 2)	60	40	31-May-11	10-Aug-11	19-Jul-11	27-Sep-11	Excavation and Installation of Tension Piles (Stage 2)																																															



Activity ID	Activity Name	Original Duration	Total Float	Early Start	Early Finish	Late Start	Late Finish	2010												2011												2012												2013											
								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 N D												J F M A M J J A S O N D											
								2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41								
S25S5010	Slopeworks Fill (S30A) - Stage 1	49	0	03-Sep-11	02-Nov-11	03-Sep-11	02-Nov-11	█ Slopeworks Fill (S30A) - Stage 1																																															
S25S5020	Slopeworks Fill (S30A) - Stage 2	50	0	03-Nov-11	03-Jan-12	03-Nov-11	03-Jan-12	█ Slopeworks Fill (S30A) - Stage 2																																															
S25S5100	Slope Reinstatement Works (Pier 13AP1/2 & TW1/2)	150	140	04-Jul-12	31-Dec-12	18-Dec-12	25-Jun-13	█ Slope Reinstatement Works (Pier 13AP1/2 & TW1/2)																																															
S25S5110	Slope Reinstatement Works (Pier 13AP1) : Stage 1	37	140	04-Jul-12	15-Aug-12	18-Dec-12	01-Feb-13	█ Slope Reinstatement Works (Pier 13AP1) : Stage 1																																															
S25S5120	Slope Reinstatement Works (Pier 13AP2) : Stage 2	37	140	16-Aug-12	27-Sep-12	02-Feb-13	20-Mar-13	█ Slope Reinstatement Works (Pier 13AP2) : Stage 2																																															
S25S5130	Slope Reinstatement Works (TW1) : Stage 1	38	140	28-Sep-12	14-Nov-12	21-Mar-13	09-May-13	█ Slope Reinstatement Works (TW1) : Stage 1																																															
S25S5140	Slope Reinstatement Works (TW2) : Stage 2	38	140	15-Nov-12	31-Dec-12	10-May-13	25-Jun-13	█ Slope Reinstatement Works (TW2) : Stage 2																																															
<b>Construction of Retaining Wall</b>																																																							
<b>Retaining Wall W58B</b>																																																							
S25S2010	Prepare Piling Platform for W58B	33	15	15-Mar-11	26-Apr-11	01-Apr-11	16-May-11	█ Prepare Piling Platform for W58B																																															
S25S2020	Pre-drilling for W58B	26	15	23-Mar-11	26-Apr-11	11-Apr-11	16-May-11	█ Pre-drilling for W58B																																															
S25S2030	Piles for W58B (22nos BP)	46	0	22-Jun-11	15-Aug-11	22-Jun-11	15-Aug-11	█ Piles for W58B (22nos BP)																																															
S25S2040	Excavate to cut-off level	25	0	16-Aug-11	14-Sep-11	16-Aug-11	14-Sep-11	█ Excavate to cut-off level																																															
S25S2050	Construction of Structure W58B	35	0	02-Sep-11	15-Oct-11	02-Sep-11	15-Oct-11	█ Construction of Structure W58B																																															
S25S2060	Backfilling	12	0	17-Oct-11	29-Oct-11	17-Oct-11	29-Oct-11	█ Backfilling																																															
<b>Roadworks, Drainage &amp; Utilities</b>																																																							
S25S4000	Roadworks, Drainages & Utilities	145	0	04-Jan-12	03-Jul-12	04-Jan-12	03-Jul-12	█ Roadworks, Drainages & Utilities																																															
S25S4010	Road Surface	75	0	04-Jan-12	03-Apr-12	04-Jan-12	03-Apr-12	█ Road Surface																																															
S25S4020	Roadmark and Lane Shifting	70	0	05-Apr-12	03-Jul-12	05-Apr-12	03-Jul-12	█ Roadmark and Lane Shifting																																															
S25S4030	Drainages	75	0	04-Jan-12	03-Apr-12	04-Jan-12	03-Apr-12	█ Drainages																																															
S25S4050	Utilities	75	0	04-Jan-12	03-Apr-12	04-Jan-12	03-Apr-12	█ Utilities																																															
S25S4200	Slip Road H	145	0	04-Jan-12	03-Jul-12	04-Jan-12	03-Jul-12	█ Slip Road H																																															
<b>Noise Barriers &amp; Road Barriers</b>																																																							
S25S3000	Construct Noise Barrier & Beam Barrier	145	0	04-Jan-12	03-Jul-12	04-Jan-12	03-Jul-12	█ Construct Noise Barrier & Beam Barrier																																															
S25S3010	Noise Barrier : Erecting H-Column	48	0	04-Jan-12	02-Mar-12	04-Jan-12	02-Mar-12	█ Noise Barrier : Erecting H-Column																																															
S25S3020	Noise Barrier : Installation of Panel	49	48	03-Mar-12	04-May-12	04-May-12	03-Jul-12	█ Noise Barrier : Installation of Panel																																															
S25S3030	Beam Barrier : Erecting of Short Column	49	0	03-Mar-12	04-May-12	03-Mar-12	04-May-12	█ Beam Barrier : Erecting of Short Column																																															
S25S3040	Beam Barrier : Installation of M-Panel	48	0	05-May-12	03-Jul-12	05-May-12	03-Jul-12	█ Beam Barrier : Installation of M-Panel																																															
<b>Traffic Control &amp; Surveillance System</b>																																																							
S25S4800	TCSS	95	0	06-Mar-12	03-Jul-12	06-Mar-12	03-Jul-12	█ TCSS																																															
S25S4810	TCSS - Stage 1 (Bridge 13A)	80	0	06-Mar-12	13-Jun-12	06-Mar-12	13-Jun-12	█ TCSS - Stage 1 (Bridge 13A)																																															
S25S4820	TCSS - Stage 2 (LB1)	80	0	23-Mar-12	03-Jul-12	23-Mar-12	03-Jul-12	█ TCSS - Stage 2 (LB1)																																															
<b>Site Area SA26</b>																																																							
PHSA2620	Possession of SA26 (Day0)	0	0	26-Feb-10		26-Feb-10		█ Possession of SA26 (Day0)																																															
SA260000	Site Area SA26 Works Period	1216	0	26-Feb-10	25-Jun-13	26-Feb-10	25-Jun-13	█ Site Area SA26 Works Period																																															
SA260010	Site Area SA26 Works Completion	0	0		25-Jun-13		25-Jun-13	█ Site Area SA26 Works Completion																																															
SA260020	Temporary Traffic Management (Detail shall refer to supplementary information)	983	0	26-Feb-10	25-Jun-13	26-Feb-10	25-Jun-13	█ Temporary Traffic Management (Detail shall refer to supplementary information)																																															
SA260030	Overall Utility Diversion (Detail shall refer to supplementary information)	983	0	26-Feb-10	25-Jun-13	26-Feb-10	25-Jun-13	█ Overall Utility Diversion (Detail shall refer to supplementary information)																																															
<b>North Bound</b>																																																							
<b>Preliminaries</b>																																																							
S26N0000	Site Clearance/Access Rd (Tai Wo Road)	150	106	26-Feb-10	28-Aug-10	09-Jul-10	06-Jan-11	█ Site Clearance/Access Rd (Tai Wo Road)																																															
S26N0010	Site Clearance (Tai Wo Road)	75	106	26-Feb-10	31-May-10	09-Jul-10	06-Oct-10	█ Site Clearance (Tai Wo Road)																																															
S26N0020	Access Road (Tai Wo Road)	75	106	01-Jun-10	28-Aug-10	07-Oct-10	06-Jan-11	█ Access Road (Tai Wo Road)																																															
<b>Slopeworks</b>																																																							
S26N5000	Slopeworks Cut(S31A-sn)	147	106	30-Aug-10	26-Feb-11	07-Jan-11	09-Jul-11	█ Slopeworks Cut(S31A-sn)																																															
S26N5010	Slopeworks Cut(S31A-sn) - Stage 1 (Upper)	61	106	30-Aug-10	11-Nov-10	07-Jan-11	22-Mar-11	█ Slopeworks Cut(S31A-sn) - Stage 1 (Upper)																																															
S26N5020	Slopeworks Cut(S31A-sn) - Stage 2 (Middle)	61	106	12-Nov-10	25-Jan-11	23-Mar-11	09-Jun-11	█ Slopeworks Cut(S31A-sn) - Stage 2 (Middle)																																															
S26N5030	Slopeworks Cut(S31A-sn) - Stage 3 (Lower)	25	106	26-Jan-11	26-Feb-11	10-Jun-11	09-Jul-11	█ Slopeworks Cut(S31A-sn) - Stage 3 (Lower)																																															
<b>Construction of Retaining Wall</b>																																																							
<b>Retaining Wall W59 (w/SP)</b>																																																							
S26N2000	Sheet Pile/Excavate & Construct W59 (w/SP)	94	0	11-Jul-11	31-Oct-11	11-Jul-11	31-Oct-11	█ Sheet Pile/Excavate & Construct W59 (w/SP)																																															



Activity ID	Activity Name	Original Duration	Total Float	Early Start	Early Finish	Late Start	Late Finish	2010												2011												2012												2013											
								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	N	D	J	F	M	A	M	J	J	A	S	O	N	D		
S26S1392	Construction of Structure RWTW1N	72	187	21-Jan-11	19-Apr-11	09-Sep-11	05-Dec-11	Construction of Structure RWTW1N																																															
S26S1393	Construction of Structure RWTW1S	72	187	20-Apr-11	20-Jul-11	06-Dec-11	05-Mar-12	Construction of Structure RWTW1S																																															
S26S1394	Backfilling	24	187	21-Jul-11	17-Aug-11	06-Mar-12	02-Apr-12	Backfilling																																															
<b>Retaining Wall RWTW2</b>																																																							
S26S1379	Pre-drilling for RWTW2 and Abutment	11	0	05-Oct-10	18-Oct-10	05-Oct-10	18-Oct-10	Pre-drilling for RWTW2 and Abutment																																															
S26S1380	Sheet Pile/Excavate & Construct RWTW2 and abutment	232	0	19-Oct-10	01-Aug-11	19-Oct-10	01-Aug-11	Sheet Pile/Excavate & Construct RWTW2 and abutment																																															
S26S1381	Piling	90	0	19-Oct-10	07-Feb-11	19-Oct-10	07-Feb-11	Piling																																															
S26S1382	Construction of Structure RWTW2 and abutment (stage 1.1)	60	0	08-Feb-11	19-Apr-11	08-Feb-11	19-Apr-11	Construction of Structure RWTW2 and abutment (stage 1.1)																																															
S26S1383	Construction of Structure RWTW2 and abutment (stage 1.2)	60	0	20-Apr-11	06-Jul-11	20-Apr-11	06-Jul-11	Construction of Structure RWTW2 and abutment (stage 1.2)																																															
S26S1384	Construction of Structure RWTW2 and abutment (stage 2.1)	60	0	08-Feb-11	19-Apr-11	08-Feb-11	19-Apr-11	Construction of Structure RWTW2 and abutment (stage 2.1)																																															
S26S1385	Construction of Structure RWTW2 and abutment (stage 2.2)	60	0	20-Apr-11	06-Jul-11	20-Apr-11	06-Jul-11	Construction of Structure RWTW2 and abutment (stage 2.2)																																															
S26S1387	Backfilling	22	0	07-Jul-11	01-Aug-11	07-Jul-11	01-Aug-11	Backfilling																																															
<b>Retaining Wall RWTW3</b>																																																							
S26S1389	Pre-drilling for RWTW3 and abutment	12	0	05-Aug-10	18-Aug-10	05-Aug-10	18-Aug-10	Pre-drilling for RWTW3 and abutment																																															
S26S1390	Sheet Pile/Excavate & Construct RWTW3+abutment	188	71	19-Aug-10	06-Apr-11	19-Aug-10	06-Jul-11	Sheet Pile/Excavate & Construct RWTW3+abutment																																															
S26S1591	Sheet Pile and ELS Works	90	0	19-Aug-10	04-Dec-10	19-Aug-10	04-Dec-10	Sheet Pile and ELS Works																																															
S26S1592	Construction of Structure RWTW2 and abutment (stage 1)	80	71	06-Dec-10	15-Mar-11	05-Mar-11	14-Jun-11	Construction of Structure RWTW2 and abutment (stage 1)																																															
S26S1593	Construction of Structure RWTW2 and abutment (stage 2)	80	71	06-Dec-10	15-Mar-11	05-Mar-11	14-Jun-11	Construction of Structure RWTW2 and abutment (stage 2)																																															
S26S1594	Backfilling	18	71	16-Mar-11	06-Apr-11	15-Jun-11	06-Jul-11	Backfilling																																															
<b>Retaining Wall W60 (w/SP) &amp; W61A</b>																																																							
S26S2020	Pre-drilling for W60 & W61A	7	275	02-Oct-10	09-Oct-10	06-Sep-11	14-Sep-11	Pre-drilling for W60 & W61A																																															
S26S2030	Piles for W60 & W61A (6shp)	30	275	11-Oct-10	15-Nov-10	15-Sep-11	21-Oct-11	Piles for W60 & W61A (6shp)																																															
S26S2050	Construct Cap & Wall	30	287	16-May-11	20-Jun-11	03-May-12	07-Jun-12	Construct Cap & Wall																																															
S26S2060	Backfilling	20	287	21-Jun-11	14-Jul-11	08-Jun-12	03-Jul-12	Backfilling																																															
<b>Retaining Wall 61B</b>																																																							
S26S2100	Retaining Wall 61B	138	229	01-Jun-10	13-Nov-10	08-Mar-11	24-Aug-11	Retaining Wall 61B																																															
S26S2110	Piling	42	229	01-Jun-10	21-Jul-10	08-Mar-11	29-Apr-11	Piling																																															
S26S2120	Construction of Structure W61B	72	229	22-Jul-10	15-Oct-10	30-Apr-11	27-Jul-11	Construction of Structure W61B																																															
S26S2130	Backfilling	24	229	18-Oct-10	13-Nov-10	28-Jul-11	24-Aug-11	Backfilling																																															
<b>Temporary Works</b>																																																							
S26S2500	Construct Temp Steel Bridge between RWTW2/RWTW1	124	0	01-Feb-12	03-Jul-12	01-Feb-12	03-Jul-12	Construct Temp Steel Bridge between RWTW2/RWTW1																																															
S26S2501	Temporary Foundation Support	24	0	01-Feb-12	28-Feb-12	01-Feb-12	28-Feb-12	Temporary Foundation Support																																															
S26S2502	Temporary Steelwork - Column	24	0	29-Feb-12	27-Mar-12	29-Feb-12	27-Mar-12	Temporary Steelwork - Column																																															
S26S2503	Temporary Steelwork - Upper Structure	42	0	28-Mar-12	21-May-12	28-Mar-12	21-May-12	Temporary Steelwork - Upper Structure																																															
S26S2504	Temporary Road Surface, Road Utilities and Lighting	34	0	22-May-12	03-Jul-12	22-May-12	03-Jul-12	Temporary Road Surface, Road Utilities and Lighting																																															
S26S2550	Removal and Disconnect of Temporary Steel Bridge	18	0	04-Jun-13	25-Jun-13	04-Jun-13	25-Jun-13	Removal and Disconnect of Temporary Steel Bridge																																															
<b>Roadworks, Drainage &amp; Utilities</b>																																																							
S26S3950	Roadworks, Drainages & Utilities (Stage 1)	71	0	03-Apr-12	03-Jul-12	03-Apr-12	03-Jul-12	Roadworks, Drainages & Utilities (Stage 1)																																															
S26S3960	Road Surface (Stage 1)	71	0	03-Apr-12	03-Jul-12	03-Apr-12	03-Jul-12	Road Surface (Stage 1)																																															
S26S3970	Drainages (Stage 1)	50	0	03-May-12	03-Jul-12	03-May-12	03-Jul-12	Drainages (Stage 1)																																															
S26S3980	Utilities (Stage 1)	50	0	03-Apr-12	06-Jun-12	03-Apr-12	06-Jun-12	Utilities (Stage 1)																																															
S26S4000	Roadworks, Drainages & Utilities (Stage 2)	100	1	04-Jul-12	31-Oct-12	04-Jul-12	01-Nov-12	Roadworks, Drainages & Utilities (Stage 2)																																															
S26S4010	Road Surface (Stage 2)	60	0	04-Jul-12	11-Sep-12	04-Jul-12	11-Sep-12	Road Surface (Stage 2)																																															
S26S4012	Roadmark and Lane Shifting (Stage 2)	40	1	12-Sep-12	31-Oct-12	13-Sep-12	01-Nov-12	Roadmark and Lane Shifting (Stage 2)																																															
S26S4020	Drainages (Stage 2)	60	0	04-Jul-12	11-Sep-12	04-Jul-12	11-Sep-12	Drainages (Stage 2)																																															
S26S4030	Utilities (Stage 2)	60	0	04-Jul-12	11-Sep-12	04-Jul-12	11-Sep-12	Utilities (Stage 2)																																															
<b>Noise Barriers &amp; Road Barriers</b>																																																							
S26S3000	Construct Noise Barrier & Beam Barrier	101	0	04-Jul-12	01-Nov-12	04-Jul-12	01-Nov-12	Construct Noise Barrier & Beam Barrier																																															
S26S3010	Construct Noise Barrier : Erecting H-Column	33	0	04-Jul-12	10-Aug-12	04-Jul-12	10-Aug-12	Construct Noise Barrier : Erecting H-Column																																															
S26S3020	Construct Noise Barrier : Installing Panel	35	33	11-Aug-12	20-Sep-12	19-Sep-12	01-Nov-12	Construct Noise Barrier : Installing Panel																																															
S26S3030	Beam Barrier : Erecting of Short Column	35	0	11-Aug-12	20-Sep-12	11-Aug-12	20-Sep-12	Beam Barrier : Erecting of Short Column																																															
S26S3040	Beam Barrier : Installing M-Barrier	33	0	21-Sep-12	01-Nov-12	21-Sep-12	01-Nov-12	Beam Barrier : Installing M-Barrier																																															
<b>Traffic Control &amp; Surveillance System</b>																																																							

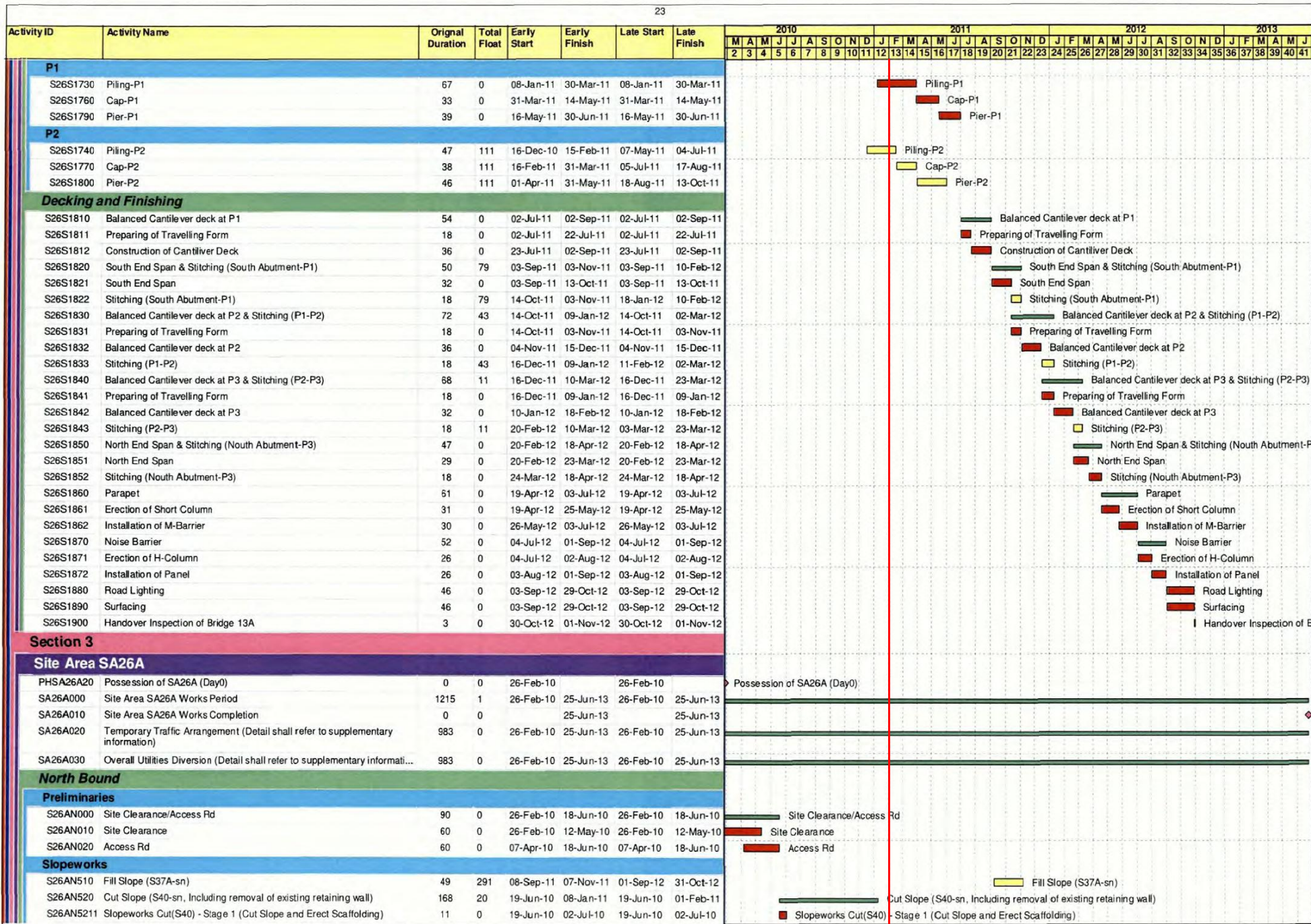








Activity ID	Activity Name	Original Duration	Total Float	Early Start	Early Finish	Late Start	Late Finish	2010												2011												2012												2013											
								M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D		
								2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41								
S26S1482	Pier-TW2	51	0	17-Jun-11	16-Aug-11	17-Jun-11	16-Aug-11	Pier-TW2																																															
<b>Decking and Finishing</b>								<ul style="list-style-type: none"> <li>Balanced Cantilever at TW1</li> <li>Preparing of Travelling Form</li> <li>Construction of Cantiliver Deck</li> <li>South End Span &amp; Stitching (South Abutment-TW1)</li> <li>South End Span</li> <li>Stitching (South Abutment-TW1)</li> <li>Balanced Cantilever at TW2 &amp; Stitching (TW1-TW2)</li> <li>Preparing of Travelling Form</li> <li>Construction of Cantiliver Deck</li> <li>Stitching TW1-TW2</li> <li>Balanced Cantilever at TW3 &amp; Stitching (TW2-TW3)</li> <li>Preparing of Travelling Form</li> <li>Construction of Cantiliver Deck</li> <li>Stitching TW2-TW3</li> <li>North End Span</li> <li>North End Span</li> <li>Stitching (North Abutment-TW3)</li> <li>Parapet</li> <li>Erecting of Short Column</li> <li>Installing M-Barrier</li> <li>Noise Barrier</li> <li>Road Lighting</li> <li>Surfacing</li> <li>Handover Inspection of LB1</li> </ul>																																															
<b>Construction of Bridge 13A</b>								Construction of Bridge 13A																																															
<b>Preparatory and Enabling Works</b>								<ul style="list-style-type: none"> <li>Site Clearance</li> <li>Access Road</li> <li>Gas main Diversion at North Abutment</li> <li>SA25-Site Clearance</li> <li>SA25 Haul Road</li> <li>SA25-Gas Main diversion at South Abutment &amp; P1</li> </ul>																																															
<b>Substructure and Pier Construction</b>								<ul style="list-style-type: none"> <li>Piling-North Abutment</li> <li>Pre-drilling &amp; Preparing of piling platform</li> <li>Piling</li> <li>Cap-North Abutment</li> <li>Pier-North Abutment</li> <li>Piling-P3</li> <li>Cap-P3</li> <li>Pier-P3</li> <li>Piling-South Abutment</li> <li>Pre-drilling &amp; Preparing of piling platform</li> <li>Piling</li> <li>Cap-South Abutment</li> <li>Pier-South Abutment</li> </ul>																																															
<b>North Abutment</b>																																																							
<b>P3</b>																																																							
<b>South Abutment</b>																																																							



Activity ID	Activity Name	Original Duration	Total Float	Early Start	Early Finish	Late Start	Late Finish	2010												2011												2012												2013											
								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 N D				J F M A M J				J A S O N D				J F M A M J															
								2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41								
S26AN5212	Slopeworks Cut(S40) - Stage 1 (Soil Nail Installation : QRST) 119nos.	11	0	03-Jul-10	15-Jul-10	03-Jul-10	15-Jul-10	■ Slopeworks Cut(S40) - Stage 1 (Soil Nail Installation : QRST) 119nos.																																															
S26AN5221	Slopeworks Cut(S40) - Stage 2 (Cut Slope and Erect Scaffolding)	14	0	16-Jul-10	31-Jul-10	16-Jul-10	31-Jul-10	■ Slopeworks Cut(S40) - Stage 2 (Cut Slope and Erect Scaffolding)																																															
S26AN5222	Slopeworks Cut(S40) - Stage 2 (Soil Nail Installation : MNOP) 149nos.	14	0	02-Aug-10	17-Aug-10	02-Aug-10	17-Aug-10	■ Slopeworks Cut(S40) - Stage 2 (Soil Nail Installation : MNOP) 149nos.																																															
S26AN5231	Slopeworks Cut(S40) - Stage 3 (Cut Slope and Erect Scaffolding)	17	0	18-Aug-10	06-Sep-10	18-Aug-10	06-Sep-10	■ Slopeworks Cut(S40) - Stage 3 (Cut Slope and Erect Scaffolding)																																															
S26AN5232	Slopeworks Cut(S40) - Stage 3 (Soil Nail Installation : IJKL) 176nos.	17	0	07-Sep-10	27-Sep-10	07-Sep-10	27-Sep-10	■ Slopeworks Cut(S40) - Stage 3 (Soil Nail Installation : IJKL) 176nos.																																															
S26AN5241	Slopeworks Cut(S40) - Stage 4 (Cut Slope and Erect Scaffolding)	12	0	28-Sep-10	12-Oct-10	28-Sep-10	12-Oct-10	■ Slopeworks Cut(S40) - Stage 4 (Cut Slope and Erect Scaffolding)																																															
S26AN5242	Slopeworks Cut(S40) - Stage 4 (Soil Nail Installation : EFGH) 129nos.	12	0	13-Oct-10	27-Oct-10	13-Oct-10	27-Oct-10	■ Slopeworks Cut(S40) - Stage 4 (Soil Nail Installation : EFGH) 129nos.																																															
S26AN5251	Slopeworks Cut(S40) - Stage 5 (Cut Slope and Erect Scaffolding)	15	0	28-Oct-10	13-Nov-10	28-Oct-10	13-Nov-10	■ Slopeworks Cut(S40) - Stage 5 (Cut Slope and Erect Scaffolding)																																															
S26AN5252	Slopeworks Cut(S40) - Stage 5 (Soil Nail Installation : ABCD) 155nos.	15	0	15-Nov-10	01-Dec-10	15-Nov-10	01-Dec-10	■ Slopeworks Cut(S40) - Stage 5 (Soil Nail Installation : ABCD) 155nos.																																															
S26AN5260	Removal of Existing Retaining Wall	30	20	02-Dec-10	08-Jan-11	28-Dec-10	01-Feb-11	■ Removal of Existing Retaining Wall																																															
S26AN530	Cut Slope (S41-sn)	138	180	19-Jun-10	01-Dec-10	24-Jan-11	15-Jul-11	■ Cut Slope (S41-sn)																																															
S26AN531	Cut Slope (S41-sn) - Stage 1 (Cut Slope and Erect Scaffolding)	11	180	19-Jun-10	02-Jul-10	24-Jan-11	08-Feb-11	■ Cut Slope (S41-sn) - Stage 1 (Cut Slope and Erect Scaffolding)																																															
S26AN532	Cut Slope (S41-sn) - Stage 1 (Soil Nail Installation : MNOPO) 139nos.	11	180	03-Jul-10	15-Jul-10	09-Feb-11	21-Feb-11	■ Cut Slope (S41-sn) - Stage 1 (Soil Nail Installation : MNOPO) 139nos.																																															
S26AN533	Cut Slope (S41-sn) - Stage 2 (Cut Slope and Erect Scaffolding)	26	180	16-Jul-10	14-Aug-10	22-Feb-11	23-Mar-11	■ Cut Slope (S41-sn) - Stage 2 (Cut Slope and Erect Scaffolding)																																															
S26AN534	Cut Slope (S41-sn) - Stage 2 (Soil Nail Installation : IJKL) 323nos.	26	180	16-Aug-10	14-Sep-10	24-Mar-11	27-Apr-11	■ Cut Slope (S41-sn) - Stage 2 (Soil Nail Installation : IJKL) 323nos.																																															
S26AN535	Cut Slope (S41-sn) - Stage 3 (Cut Slope and Erect Scaffolding)	20	180	15-Sep-10	09-Oct-10	28-Apr-11	23-May-11	■ Cut Slope (S41-sn) - Stage 3 (Cut Slope and Erect Scaffolding)																																															
S26AN536	Cut Slope (S41-sn) - Stage 3 (Soil Nail Installation : EFGH) 241nos.	20	180	11-Oct-10	03-Nov-10	24-May-11	16-Jun-11	■ Cut Slope (S41-sn) - Stage 3 (Soil Nail Installation : EFGH) 241nos.																																															
S26AN537	Cut Slope (S41-sn) - Stage 4 (Cut Slope and Erect Scaffolding)	12	180	04-Nov-10	17-Nov-10	17-Jun-11	30-Jun-11	■ Cut Slope (S41-sn) - Stage 4 (Cut Slope and Erect Scaffolding)																																															
S26AN538	Cut Slope (S41-sn) - Stage 4 (Soil Nail Installation : ABCD) 145nos.	12	180	18-Nov-10	01-Dec-10	02-Jul-11	15-Jul-11	■ Cut Slope (S41-sn) - Stage 4 (Soil Nail Installation : ABCD) 145nos.																																															
S26AN540	Slope 7NW-B/C 349	87	530	02-Oct-10	15-Jan-11	19-Jul-12	31-Oct-12	■ Slope 7NW-B/C 349																																															
S26AN541	Erect Scaffolding & Soil Nail Installation (7NW-B/C 349) - Stage 1 (EF) 52nos.	15	530	02-Oct-10	20-Oct-10	19-Jul-12	04-Aug-12	■ Erect Scaffolding & Soil Nail Installation (7NW-B/C 349) - Stage 1 (EF) 52nos.																																															
S26AN542	Erect Scaffolding & Soil Nail Installation (7NW-B/C 349) - Stage 2 (ABCD) 270nos.	72	530	21-Oct-10	15-Jan-11	06-Aug-12	31-Oct-12	■ Erect Scaffolding & Soil Nail Installation (7NW-B/C 349) - Stage 2 (ABCD) 270nos.																																															
S26AN550	Slope 7NW-A/C35-sn	200	252	01-Sep-10	07-May-11	12-Jul-11	10-Mar-12	■ Slope 7NW-A/C35-sn																																															
S26AN551	Erect Scaffolding & Soil Nail Installation (7NW-A/C35-sn) - Stage 1 (OP) 25nos.	10	252	01-Sep-10	11-Sep-10	12-Jul-11	22-Jul-11	■ Erect Scaffolding & Soil Nail Installation (7NW-A/C35-sn) - Stage 1 (OP) 25nos.																																															
S26AN552	Erect Scaffolding & Soil Nail Installation (7NW-A/C35-sn) - Stage 2 (KLMN) 285nos.	40	252	13-Sep-10	01-Nov-10	23-Jul-11	07-Sep-11	■ Erect Scaffolding & Soil Nail Installation (7NW-A/C35-sn) - Stage 2 (KLMN) 285nos.																																															
S26AN553	Erect Scaffolding & Soil Nail Installation (7NW-A/C35-sn) - Stage 3 (GHJ) 370nos.	57	252	02-Nov-10	10-Jan-11	08-Sep-11	16-Nov-11	■ Erect Scaffolding & Soil Nail Installation (7NW-A/C35-sn) - Stage 3 (GHJ) 370nos.																																															
S26AN554	Erect Scaffolding & Soil Nail Installation (7NW-A/C35-sn) - Stage 4 (CDEF) 407nos.	62	252	11-Jan-11	26-Mar-11	17-Nov-11	03-Feb-12	■ Erect Scaffolding & Soil Nail Installation (7NW-A/C35-sn) - Stage 4 (CDEF) 407nos.																																															
S26AN555	Erect Scaffolding & Soil Nail Installation (7NW-A/C35-sn) - Stage 5 (AB) 204nos.	31	252	28-Mar-11	07-May-11	04-Feb-12	10-Mar-12	■ Erect Scaffolding & Soil Nail Installation (7NW-A/C35-sn) - Stage 5 (AB) 204nos.																																															
S26AN560	Slope 7NW-A/CR39	80	252	09-May-11	12-Aug-11	12-Mar-12	19-Jun-12	■ Slope 7NW-A/CR39																																															
S26AN561	Erect Scaffolding & Soil Nail Installation (7NW-A/CR39) - Stage 1 (JK) 28nos.	10	252	09-May-11	20-May-11	12-Mar-12	22-Mar-12	■ Erect Scaffolding & Soil Nail Installation (7NW-A/CR39) - Stage 1 (JK) 28nos.																																															
S26AN562	Erect Scaffolding & Soil Nail Installation (7NW-A/CR39) - Stage 2 (DEFGHI) 162nos.	40	252	21-May-11	08-Jul-11	23-Mar-12	14-May-12	■ Erect Scaffolding & Soil Nail Installation (7NW-A/CR39) - Stage 2 (DEFGHI) 162nos.																																															
S26AN563	Erect Scaffolding & Soil Nail Installation (7NW-A/CR39) - Stage 3 (ABC) 109nos.	30	252	09-Jul-11	12-Aug-11	15-May-12	19-Jun-12	■ Erect Scaffolding & Soil Nail Installation (7NW-A/CR39) - Stage 3 (ABC) 109nos.																																															
S26AN700	Debris Catcher Fence and NTHA Protective Measures (Area 6-2) [Provisional Item]	80	264	27-Apr-12	02-Aug-12	16-Mar-13	25-Jun-13	■ Debris Catcher Fence and NTHA Protective Measures (Area 6-2)																																															
S26AN710	Site Access to Hazard Rock Areas	40	264	27-Apr-12	14-Jun-12	16-Mar-13	07-May-13	■ Site Access to Hazard Rock Areas																																															
S26AN720	Installation of Rock Fall Fence	40	264	15-Jun-12	02-Aug-12	08-May-13	25-Jun-13	■ Installation of Rock Fall Fence																																															
S26AN800	Debris Catcher Fence and NTHA Protective Measures (Area 5) [Provisional Item]	80	264	27-Apr-12	02-Aug-12	16-Mar-13	25-Jun-13	■ Debris Catcher Fence and NTHA Protective Measures (Area 5)																																															
S26AN810	Site Access to Hazard Rock Areas	40	264	27-Apr-12	14-Jun-12	16-Mar-13	07-May-13	■ Site Access to Hazard Rock Areas																																															
S26AN820	Installation of Rock Fall Fence	40	264	15-Jun-12	02-Aug-12	08-May-13	25-Jun-13	■ Installation of Rock Fall Fence																																															
S26AN900	Debris Catcher Fence and NTHA Protective Measures (Area 6-1) [Provisional Item]	300	44	27-Apr-12	02-May-13	20-Jun-12	25-Jun-13	■ Debris Catcher Fence and NTHA Protective Measures (Area 6-1)																																															
S26AN910	Site Access to Hazard Rock Areas	150	44	27-Apr-12	26-Oct-12	20-Jun-12	17-Dec-12	■ Site Access to Hazard Rock Areas																																															
S26AN920	Installation of Rock Fall Fence	150	44	27-Oct-12	02-May-13	18-Dec-12	25-Jun-13	■ Installation of Rock Fall Fence																																															

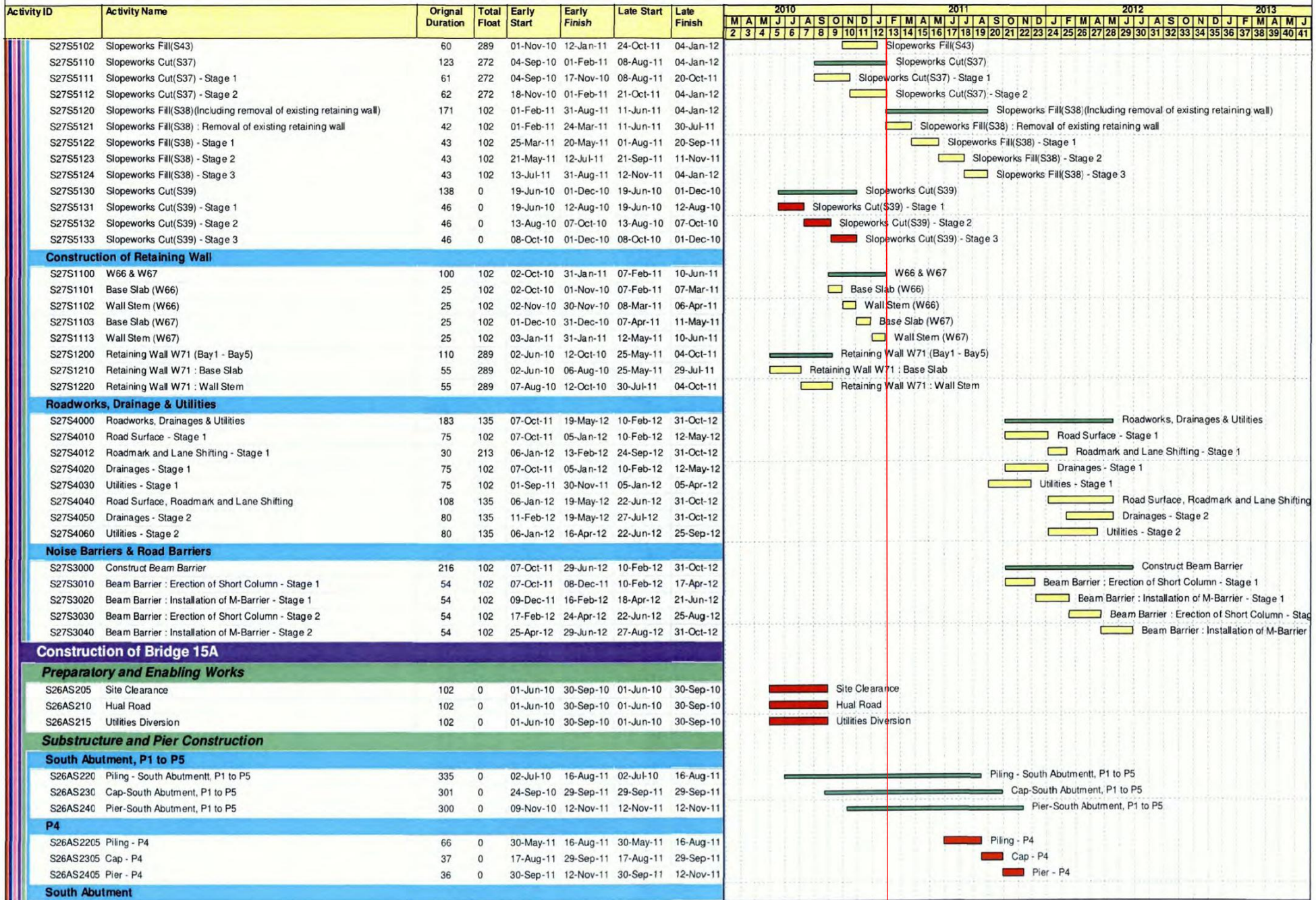
**Construction of Retaining Wall**

Retaining Wall W65C (w/SP)













Activity ID	Activity Name	Original Duration	Total Float	Early Start	Early Finish	Late Start	Late Finish	2010												2011												2012												2013											
								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	N	D	J	F	M	A	M	J								
								2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41								
S28N0000	Site Clearance/Access Rd	239	0	26-Feb-10	14-Dec-10	26-Feb-10	14-Dec-10	Site Clearance/Access Rd																																															
S28N0010	Site Clearance (ch 4830-5250)	80	0	26-Feb-10	05-Jun-10	26-Feb-10	05-Jun-10	Site Clearance (ch 4830-5250)																																															
S28N0020	Site Clearance (ch 5250-5700)	80	0	17-Apr-10	23-Jul-10	17-Apr-10	23-Jul-10	Site Clearance (ch 5250-5700)																																															
S28N0110	Access Rd (ch 4830-5250)	80	0	30-Jun-10	04-Oct-10	30-Jun-10	04-Oct-10	Access Rd (ch 4830-5250)																																															
S28N0120	Access Rd (ch 5250-5700)	80	0	09-Sep-10	14-Dec-10	09-Sep-10	14-Dec-10	Access Rd (ch 5250-5700)																																															
<b>Slopeworks</b>																																																							
S28N5000	Slopeworks Fill S44	25	0	30-Nov-10	30-Dec-10	30-Nov-10	30-Dec-10	Slopeworks Fill S44																																															
S28N5010	Slopeworks Fill S45	40	0	22-Aug-11	10-Oct-11	22-Aug-11	10-Oct-11	Slopeworks Fill S45																																															
<b>Construction of Retaining Wall</b>																																																							
<b>Retaining Wall W72B</b>																																																							
S28N2010	Prepare Piling Platform for W72B	13	0	14-Sep-10	29-Sep-10	14-Sep-10	29-Sep-10	Prepare Piling Platform for W72B																																															
S28N2020	Pre-drilling for W72B	13	0	14-Sep-10	29-Sep-10	14-Sep-10	29-Sep-10	Pre-drilling for W72B																																															
S28N2040	Piling (8nos. Bored Piles)	24	0	30-Sep-10	29-Oct-10	30-Sep-10	29-Oct-10	Piling (8nos. Bored Piles)																																															
S28N2050	Capping/Walling for W72B	39	0	30-Oct-10	14-Dec-10	30-Oct-10	14-Dec-10	Capping/Walling for W72B																																															
S28N2051	Pile Cap for W72B	20	0	30-Oct-10	22-Nov-10	30-Oct-10	22-Nov-10	Pile Cap for W72B																																															
S28N2052	Walling for W72B	19	0	23-Nov-10	14-Dec-10	23-Nov-10	14-Dec-10	Walling for W72B																																															
S28N2060	Backfilling	12	0	15-Dec-10	30-Dec-10	15-Dec-10	30-Dec-10	Backfilling																																															
<b>Retaining Wall W73</b>																																																							
S28N2071	Excavation & ELS	24	0	14-Sep-10	13-Oct-10	14-Sep-10	13-Oct-10	Excavation & ELS																																															
S28N2072	W73 wall Structure (7 bays)	39	0	14-Oct-10	29-Nov-10	14-Oct-10	29-Nov-10	W73 wall Structure (7 bays)																																															
S28N2073	Base Slab W73	30	0	14-Oct-10	18-Nov-10	14-Oct-10	18-Nov-10	Base Slab W73																																															
S28N2074	Wall Stem W73	29	0	27-Oct-10	29-Nov-10	27-Oct-10	29-Nov-10	Wall Stem W73																																															
<b>Retaining Wall for Accom. Underpass Extn.</b>																																																							
S28N2082	Pre-drilling for Accommodation Underpass Extension	30	0	30-Jun-10	04-Aug-10	30-Jun-10	04-Aug-10	Pre-drilling for Accommodation Underpass Extension																																															
S28N2084	Prepare Piling Platform for Accom. Underpass Extn	30	0	30-Jun-10	04-Aug-10	30-Jun-10	04-Aug-10	Prepare Piling Platform for Accom. Underpass Extn																																															
S28N2088	Piling	71	0	05-Aug-10	29-Oct-10	05-Aug-10	29-Oct-10	Piling																																															
S28N2088	Piling - Stage 1	35	0	05-Aug-10	14-Sep-10	05-Aug-10	14-Sep-10	Piling - Stage 1																																															
S28N2088	Piling - Stage 2	36	0	15-Sep-10	29-Oct-10	15-Sep-10	29-Oct-10	Piling - Stage 2																																															
S28N2090	Capping/Walling	39	0	30-Oct-10	14-Dec-10	30-Oct-10	14-Dec-10	Capping/Walling																																															
S28N2090	Capping (AUE)	25	0	30-Oct-10	27-Nov-10	30-Oct-10	27-Nov-10	Capping (AUE)																																															
S28N2090	Walling (AUE)	25	0	16-Nov-10	14-Dec-10	16-Nov-10	14-Dec-10	Walling (AUE)																																															
S28N2092	Backfilling	12	0	15-Dec-10	30-Dec-10	15-Dec-10	30-Dec-10	Backfilling																																															
<b>Retaining Wall W74</b>																																																							
S28N2105	Liasion with location resident for slip road diversion	80	0	26-Feb-10	05-Jun-10	26-Feb-10	05-Jun-10	Liasion with location resident for slip road diversion																																															
S28N2115	Utilities Diversion	60	0	07-Jun-10	17-Aug-10	07-Jun-10	17-Aug-10	Utilities Diversion																																															
S28N2120	Temporary bridge for slip road and pedestrian diversion (Critical to Pier construction NLKP7, 8 & 9)	60	0	18-Aug-10	29-Oct-10	18-Aug-10	29-Oct-10	Temporary bridge for slip road and pedestrian diversion (Critical to Pier construction NLKP7, 8 & 9)																																															
S28N2125	Pre-drilling for Bored Pile and Socket H-Pile	15	0	30-Oct-10	16-Nov-10	30-Oct-10	16-Nov-10	Pre-drilling for Bored Pile and Socket H-Pile																																															
S28N2130	Confirmation of Founding Level	14	0	17-Nov-10	02-Dec-10	17-Nov-10	02-Dec-10	Confirmation of Founding Level																																															
S28N2135	Piling work for W74 (36shp & 24bp)	73	0	03-Dec-10	04-Mar-11	03-Dec-10	04-Mar-11	Piling work for W74 (36shp & 24bp)																																															
S28N2136	Piling work for W74 (36shp) : Socketed H-Pile	73	0	03-Dec-10	04-Mar-11	03-Dec-10	04-Mar-11	Piling work for W74 (36shp) : Socketed H-Pile																																															
S28N2137	Piling work for W74 (24bp) : Bored Pile - Stage 1	36	0	03-Dec-10	17-Jan-11	03-Dec-10	17-Jan-11	Piling work for W74 (24bp) : Bored Pile - Stage 1																																															
S28N2138	Piling work for W74 (24bp) : Bored Pile - Stage 2	37	0	18-Jan-11	04-Mar-11	18-Jan-11	04-Mar-11	Piling work for W74 (24bp) : Bored Pile - Stage 2																																															
S28N2140	Temporary Work for Excavation	14	0	05-Mar-11	21-Mar-11	05-Mar-11	21-Mar-11	Temporary Work for Excavation																																															
S28N2145	Excavation and Tie Back to Formation Level	16	0	22-Mar-11	09-Apr-11	22-Mar-11	09-Apr-11	Excavation and Tie Back to Formation Level																																															
S28N2150	Pile Head Trimming and bearing plate	10	0	11-Apr-11	21-Apr-11	11-Apr-11	21-Apr-11	Pile Head Trimming and bearing plate																																															
S28N2155	Retaining Wall Construction (10 bays)	91	0	04-May-11	20-Aug-11	04-May-11	20-Aug-11	Retaining Wall Construction (10 bays)																																															
S28N2156	Base Slab (W74) (Bay 1-5)	30	0	04-May-11	09-Jun-11	04-May-11	09-Jun-11	Base Slab (W74) (Bay 1-5)																																															
S28N2157	Base Slab (W74) (Bay 6-10)	31	0	10-Jun-11	16-Jul-11	10-Jun-11	16-Jul-11	Base Slab (W74) (Bay 6-10)																																															
S28N2158	Wall Stem (W74) (Bay 1-5)	31	30	10-Jun-11	16-Jul-11	16-Jul-11	20-Aug-11	Wall Stem (W74) (Bay 1-5)																																															
S28N2159	Wall Stem (W74) (Bay 6-10)	30	0	18-Jul-11	20-Aug-11	18-Jul-11	20-Aug-11	Wall Stem (W74) (Bay 6-10)																																															
S28N2160	Backfilling	40	0	22-Aug-11	10-Oct-11	22-Aug-11	10-Oct-11	Backfilling																																															
S28N2161	Backfilling : Stage 1	20	0	22-Aug-11	14-Sep-11	22-Aug-11	14-Sep-11	Backfilling : Stage 1																																															

Activity ID	Activity Name	Original Duration	Total Float	Early Start	Early Finish	Late Start	Late Finish	2010												2011												2012												2013											
								M	A	M	J	J	A	S	O	N	D	M	F	M	A	M	J	J	A	S	O	N	D	M	F	M	A	M	J	J	A	S	O	N	D	M	F	M	A	M	J	J	A	S	O	N	D		
								2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41								
S28N2162	Backfilling : Stage 2	20	0	15-Sep-11	10-Oct-11	15-Sep-11	10-Oct-11	■ Backfilling : Stage 2																																															
S28N2165	Removal of Temporary Slip Road	18	0	11-Oct-11	31-Oct-11	11-Oct-11	31-Oct-11	■ Removal of Temporary Slip Road																																															
<b>Noise Barrier NB38 &amp; 39 (AD)</b>																																																							
S28N2301	Utilities Diversion	124	0	19-May-10	15-Oct-10	19-May-10	15-Oct-10	■ Utilities Diversion																																															
S28N2301	Utilities Diversion - Stage 1	30	0	19-May-10	24-Jun-10	19-May-10	24-Jun-10	■ Utilities Diversion - Stage 1																																															
S28N2301	Utilities Diversion - Stage 2	30	0	25-Jun-10	30-Jul-10	25-Jun-10	30-Jul-10	■ Utilities Diversion - Stage 2																																															
S28N2301	Utilities Diversion - Stage 3	30	0	31-Jul-10	03-Sep-10	31-Jul-10	03-Sep-10	■ Utilities Diversion - Stage 3																																															
S28N2301	Utilities Diversion - Stage 4	34	0	04-Sep-10	15-Oct-10	04-Sep-10	15-Oct-10	■ Utilities Diversion - Stage 4																																															
S28N2302	Temporary Noise Barrier Installation	45	0	18-Oct-10	08-Dec-10	18-Oct-10	08-Dec-10	■ Temporary Noise Barrier Installation																																															
S28N2302	Temporary Noise Barrier Installation (NB38)	25	0	18-Oct-10	15-Nov-10	18-Oct-10	15-Nov-10	■ Temporary Noise Barrier Installation (NB38)																																															
S28N2302	Temporary Noise Barrier Installation (NB39)	20	0	16-Nov-10	08-Dec-10	16-Nov-10	08-Dec-10	■ Temporary Noise Barrier Installation (NB39)																																															
S28N2303	Pre-Drilling for NB38 & NB39	21	0	09-Dec-10	05-Jan-11	09-Dec-10	05-Jan-11	■ Pre-Drilling for NB38 & NB39																																															
S28N2304	Confirmation of Founding Level	14	0	06-Jan-11	21-Jan-11	06-Jan-11	21-Jan-11	■ Confirmation of Founding Level																																															
S28N2306	Piling	76	0	22-Jan-11	28-Apr-11	22-Jan-11	28-Apr-11	■ Piling																																															
S28N2306	Piling - Stage 1 (NB38) (16 nos. HP)	32	0	22-Jan-11	03-Mar-11	22-Jan-11	03-Mar-11	■ Piling - Stage 1 (NB38) (16 nos. HP)																																															
S28N2306	Piling - Stage 2 (NB39) (20 nos. HP)	44	0	04-Mar-11	28-Apr-11	04-Mar-11	28-Apr-11	■ Piling - Stage 2 (NB39) (20 nos. HP)																																															
S28N2308	Excavation	14	0	29-Apr-11	17-May-11	29-Apr-11	17-May-11	■ Excavation																																															
S28N2310	Pile Head Trimming	35	0	18-May-11	28-Jun-11	18-May-11	28-Jun-11	■ Pile Head Trimming																																															
S28N2312	Noise barrier Footing Construction	89	0	18-May-11	31-Aug-11	18-May-11	31-Aug-11	■ Noise barrier Footing Construction																																															
S28N2312	Noise barrier Footing Construction (NB38)	40	0	18-May-11	05-Jul-11	18-May-11	05-Jul-11	■ Noise barrier Footing Construction (NB38)																																															
S28N2312	Noise barrier Footing Construction (NB39)	49	0	06-Jul-11	31-Aug-11	06-Jul-11	31-Aug-11	■ Noise barrier Footing Construction (NB39)																																															
<b>Noise Barrier NB43 (AD)</b>																																																							
S28N2502	Utilities Diversion	127	36	01-Jun-10	01-Nov-10	15-Jul-10	13-Dec-10	■ Utilities Diversion																																															
S28N2504	Temporary Noise Barrier Installation	25	36	02-Nov-10	30-Nov-10	14-Dec-10	14-Jan-11	■ Temporary Noise Barrier Installation																																															
S28N2510	Piling Work (185 mp)	137	0	15-Jan-11	06-Jul-11	15-Jan-11	06-Jul-11	■ Piling Work (185 mp)																																															
S28N2511	Piling Work : Bay1 to Bay6 (46nos. mp)	30	0	15-Jan-11	22-Feb-11	15-Jan-11	22-Feb-11	■ Piling Work : Bay1 to Bay6 (46nos. mp)																																															
S28N2512	Piling Work : Bay7 to Bay12 (48nos. mp)	29	0	23-Feb-11	28-Mar-11	23-Feb-11	28-Mar-11	■ Piling Work : Bay7 to Bay12 (48nos. mp)																																															
S28N2513	Piling Work : Bay13 to Bay18 (48nos. mp)	28	0	29-Mar-11	05-May-11	29-Mar-11	05-May-11	■ Piling Work : Bay13 to Bay18 (48nos. mp)																																															
S28N2514	Piling Work : Bay19 to Bay24 (48nos. mp)	26	0	06-May-11	07-Jun-11	06-May-11	07-Jun-11	■ Piling Work : Bay19 to Bay24 (48nos. mp)																																															
S28N2515	Piling Work : Bay25 to Bay 28 (30nos. mp)	24	0	08-Jun-11	06-Jul-11	08-Jun-11	06-Jul-11	■ Piling Work : Bay25 to Bay 28 (30nos. mp)																																															
S28N2522	Noise Barrier Footing Construction	155	0	23-Feb-11	31-Aug-11	08-Jun-11	31-Aug-11	■ Noise Barrier Footing Construction																																															
S28N2523	Noise Barrier Footing Construction : Bay1 to Bay2	24	83	23-Feb-11	22-Mar-11	08-Jun-11	06-Jul-11	■ Noise Barrier Footing Construction : Bay1 to Bay2																																															
S28N2524	Noise Barrier Footing Construction : Bay3 to Bay4	24	83	23-Mar-11	20-Apr-11	07-Jul-11	03-Aug-11	■ Noise Barrier Footing Construction : Bay3 to Bay4																																															
S28N2525	Noise Barrier Footing Construction : Bay5 to Bay6	24	83	21-Apr-11	24-May-11	04-Aug-11	31-Aug-11	■ Noise Barrier Footing Construction : Bay5 to Bay6																																															
S28N2526	Noise Barrier Footing Construction : Bay7 to Bay8	24	54	29-Mar-11	29-Apr-11	08-Jun-11	06-Jul-11	■ Noise Barrier Footing Construction : Bay7 to Bay8																																															
S28N2527	Noise Barrier Footing Construction : Bay9 to Bay10	24	54	30-Apr-11	30-May-11	07-Jul-11	03-Aug-11	■ Noise Barrier Footing Construction : Bay9 to Bay10																																															
S28N2528	Noise Barrier Footing Construction : Bay11 to Bay12	24	54	31-May-11	28-Jun-11	04-Aug-11	31-Aug-11	■ Noise Barrier Footing Construction : Bay11 to Bay12																																															
S28N2529	Noise Barrier Footing Construction : Bay13 to Bay14	24	26	06-May-11	03-Jun-11	08-Jun-11	06-Jul-11	■ Noise Barrier Footing Construction : Bay13 to Bay14																																															
S28N2530	Noise Barrier Footing Construction : Bay15 to Bay16	24	26	04-Jun-11	04-Jul-11	07-Jul-11	03-Aug-11	■ Noise Barrier Footing Construction : Bay15 to Bay16																																															
S28N2531	Noise Barrier Footing Construction : Bay17 to Bay18	24	26	05-Jul-11	01-Aug-11	04-Aug-11	31-Aug-11	■ Noise Barrier Footing Construction : Bay17 to Bay18																																															
S28N2532	Noise Barrier Footing Construction : Bay19 to Bay20	24	0	08-Jun-11	06-Jul-11	08-Jun-11	06-Jul-11	■ Noise Barrier Footing Construction : Bay19 to Bay20																																															
S28N2533	Noise Barrier Footing Construction : Bay21 to Bay22	24	0	07-Jul-11	03-Aug-11	07-Jul-11	03-Aug-11	■ Noise Barrier Footing Construction : Bay21 to Bay22																																															
S28N2534	Noise Barrier Footing Construction : Bay23 to Bay24	24	0	04-Aug-11	31-Aug-11	04-Aug-11	31-Aug-11	■ Noise Barrier Footing Construction : Bay23 to Bay24																																															
S28N2535	Noise Barrier Footing Construction : Bay25 to Bay26	24	0	07-Jul-11	03-Aug-11	07-Jul-11	03-Aug-11	■ Noise Barrier Footing Construction : Bay25 to Bay26																																															
S28N2545	Noise Barrier Footing Construction : Bay27 to Bay28	24	0	04-Aug-11	31-Aug-11	04-Aug-11	31-Aug-11	■ Noise Barrier Footing Construction : Bay27 to Bay28																																															
<b>Roadworks, Drainage &amp; Utilities</b>																																																							
S28N4000	Roadworks, Drainages & Utilities (Stage 1)	51	0	01-Nov-11	31-Dec-11	01-Nov-11	31-Dec-11	■ Roadworks, Drainages & Utilities (Stage 1)																																															
S28N4005	Roadworks, Drainages & Utilities (Stage 2)	436	0	03-Jan-12	25-Jun-13	03-Jan-12	25-Jun-13	■ Roadworks, Drainages & Utilities (Stage 2.1)																																															
S28N4006	Roadworks, Drainages & Utilities (Stage 2.1) : Slip Road T	109	0	03-Jan-12	17-May-12	03-Jan-12	17-May-12	■ Roadworks, Drainages & Utilities (Stage 2.1)																																															
S28N4007	Roadworks, Drainages & Utilities (Stage 2.2) : ch4830-ch5100	109	0	18-May-12	25-Sep-12	18-May-12	25-Sep-12	■ Roadworks, Drainages & Utilities (Stage 2.2)																																															
S28N4008	Roadworks, Drainages & Utilities (Stage 2.3) : ch5100-ch5400	109	0	26-Sep-12	06-Feb-13	26-Sep-12	06-Feb-13	■ Roadworks, Drainages & Utilities (Stage 2.3)																																															
S28N4009	Roadworks, Drainages & Utilities (Stage 2.4) : ch5400-ch5640	109	0	07-Feb-13	25-Jun-13	07-Feb-13	25-Jun-13	■ Roadworks, Drainages & Utilities (Stage 2.4)																																															
S28N4010	Roadworks to NKL Flyover and Ramps	98	0	29-Sep-12	28-Jan-13	29-Sep-12	28-Jan-13	■ Roadworks to NKL Flyover and Ramps																																															





Activity ID	Activity Name	Original Duration	Total Float	Early Start	Early Finish	Late Start	Late Finish	2010												2011												2012												2013																																			
								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	N	D	J	F	M	A	M	J																																
								2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41																																
S29N4030	Realignment of Tai Wo Service Rd. West - Section 8	61	0	12-Apr-13	25-Jun-13	12-Apr-13	25-Jun-13																																																																								
S29N4100	Gravity Sewer Line (4 sections)	277	0	23-Nov-10	31-Oct-11	23-Nov-10	31-Oct-11																																					Gravity Sewer Line (4 sections)																																			
S29N4101	Gravity Sewer Line - Section 1	69	0	23-Nov-10	17-Feb-11	23-Nov-10	17-Feb-11																																					Gravity Sewer Line - Section 1																																			
S29N4102	Gravity Sewer Line - Section 2	69	0	18-Feb-11	16-May-11	18-Feb-11	16-May-11																																					Gravity Sewer Line - Section 2																																			
S29N4103	Gravity Sewer Line - Section 3	69	0	17-May-11	06-Aug-11	17-May-11	06-Aug-11																																					Gravity Sewer Line - Section 3																																			
S29N4110	Gravity Sewer Line - Section 10	70	0	08-Aug-11	31-Oct-11	08-Aug-11	31-Oct-11																																					Gravity Sewer Line - Section 10																																			
<b>Noise Barriers &amp; Road Barriers</b>																																																																															
<b>Noise Barrier NB41 on Mini-Piles (AD)</b>																																																																															
S29N2002	Utilities Diversion	78	0	23-Nov-10	28-Feb-11	23-Nov-10	28-Feb-11																																					Utilities Diversion																																			
S29N2006	Utilities Diversion - Stage 1	26	0	23-Nov-10	22-Dec-10	23-Nov-10	22-Dec-10																																					Utilities Diversion - Stage 1																																			
S29N2007	Utilities Diversion - Stage 2	26	0	23-Dec-10	25-Jan-11	23-Dec-10	25-Jan-11																																					Utilities Diversion - Stage 2																																			
S29N2008	Utilities Diversion - Stage 3	26	0	26-Jan-11	28-Feb-11	26-Jan-11	28-Feb-11																																					Utilities Diversion - Stage 3																																			
S29N2004	Pipe Pile for NB41 (55mp) (Bay1 - Bay9)	107	0	15-Jan-11	30-May-11	15-Jan-11	30-May-11																																					Pipe Pile for NB41 (55mp) (Bay1 - Bay9)																																			
S29N2005	Pipe Pile for NB41 (55mp) (Bay1 - Bay5)	40	0	01-Mar-11	16-Apr-11	01-Mar-11	16-Apr-11																																					Pipe Pile for NB41 (55mp) (Bay1 - Bay5)																																			
S29N2006	Pipe Pile for NB41 (55mp) (Bay6 - Bay9)	32	0	18-Apr-11	30-May-11	18-Apr-11	30-May-11																																					Pipe Pile for NB41 (55mp) (Bay6 - Bay9)																																			
S29N2008	Footing for NB41 (Bay1 - Bay9)	110	0	18-Apr-11	31-Aug-11	18-Apr-11	31-Aug-11																																					Footing for NB41 (Bay1 - Bay9)																																			
S29N2007	Footing for NB41 (Bay1 - Bay5)	60	0	18-Apr-11	04-Jul-11	18-Apr-11	04-Jul-11																																					Footing for NB41 (Bay1 - Bay5)																																			
S29N2008	Footing for NB41 (Bay6 - Bay9)	50	0	05-Jul-11	31-Aug-11	05-Jul-11	31-Aug-11																																					Footing for NB41 (Bay6 - Bay9)																																			
S29N3000	Construct Noise Barrier & Beam Barrier (Bay1 - Bay9)	49	0	01-Sep-11	31-Oct-11	01-Sep-11	31-Oct-11																																					Construct Noise Barrier & Beam Barrier (Bay1 - Bay9)																																			
<b>Landscaping</b>																																																																															
S29N6000	Landscaping Works	297	189	01-Nov-11	31-Oct-12	22-Jun-12	25-Jun-13																																					Landscaping Works																																			
S29N6010	Landscaping Works - Stage 1	59	189	01-Nov-11	11-Jan-12	22-Jun-12	01-Sep-12																																					Landscaping Works - Stage 1																																			
S29N6020	Landscaping Works - Stage 2	59	189	12-Jan-12	23-Mar-12	01-Sep-12	13-Nov-12																																					Landscaping Works - Stage 2																																			
S29N6030	Landscaping Works - Stage 3	60	189	24-Mar-12	08-Jun-12	13-Nov-12	25-Jan-13																																					Landscaping Works - Stage 3																																			
S29N6040	Landscaping Works - Stage 4	60	189	09-Jun-12	20-Aug-12	25-Jan-13	13-Apr-13																																					Landscaping Works - Stage 4																																			
S29N6050	Landscaping Works - Stage 5	59	189	21-Aug-12	31-Oct-12	13-Apr-13	25-Jun-13																																					Landscaping Works - Stage 5																																			
<b>Site Area SA32</b>																																																																															
PHSA3210	Possession of SA32 (Day365)	0	0	25-Feb-11		24-Feb-11																																						Possession of SA32 (Day365)																																			
SA320000	Site Area SA32 Works Period	265	229	26-Feb-11	17-Nov-11	26-Feb-11	03-Jul-12																																					Site Area SA32 Works Period																																			
SA320010	Site Area SA32 Works Completion	0	0			25-Jun-13																																																																									
<b>General</b>																																																																															
S32G0000	Site Clearance/TTM	72	182	26-Feb-11	27-May-11	10-Oct-11	04-Jan-12																																					Site Clearance/TTM																																			
S32G4010	Construct Roadside Fully Variable Message Sign - Stage 1 (2 nos)	72	182	28-May-11	22-Aug-11	05-Jan-12	31-Mar-12																																					Construct Roadside Fully Variable Message Sign - Stage 1 (2 nos)																																			
S32G4020	Construct Roadside Fully Variable Message Sign - Stage 2 (2 nos)	72	182	23-Aug-11	17-Nov-11	02-Apr-12	03-Jul-12																																					Construct Roadside Fully Variable Message Sign - Stage 2 (2 nos)																																			
<b>Construction of New Lam Kam Road</b>																																																																															
<b>Substructure and Pier Construction</b>																																																																															
<b>South Ramp</b>																																																																															
S28N1213	Temporary Work for Excavation	30	0	29-Feb-12	03-Apr-12	29-Feb-12	03-Apr-12																																					Temporary Work for Excavation																																			
S28N1214	Excavation	21	0	05-Apr-12	03-May-12	05-Apr-12	03-May-12																																					Excavation																																			
S28N1215	Construction of South Ramp	124	0	04-May-12	28-Sep-12	04-May-12	28-Sep-12																																					Construction of South Ramp																																			
S28N1216	Base Slab	52	0	04-May-12	06-Jul-12	04-May-12	06-Jul-12																																					Base Slab																																			
S28N1217	Wing Wall	72	0	07-Jul-12	28-Sep-12	07-Jul-12	28-Sep-12																																					Wing Wall																																			
<b>South Abutment</b>																																																																															
S28N1221	Gas Main Diversion	39	0	28-Feb-11	14-Apr-11	28-Feb-11	14-Apr-11																																					Gas Main Diversion																																			
S28N1223	Piling Work (24shp)	46	0	15-Apr-11	14-Jun-11	15-Apr-11	14-Jun-11																																					Piling Work (24shp)																																			
S28N1224	Cap and Abutment	65	0	15-Jun-11	30-Aug-11	15-Jun-11	30-Aug-11																																					Cap and Abutment																																			
S28N12241	Pile Cap	30	0	15-Jun-11	20-Jul-11	15-Jun-11	20-Jul-11																																					Pile Cap																																			
S28N12242	Abutment	35	0	21-Jul-11	30-Aug-11	21-Jul-11	30-Aug-11																																					Abutment																																			
<b>Pier NLKP1</b>																																																																															
S28N1231	Gas Main Diversion	39	0	28-Feb-11	14-Apr-11	28-Feb-11	14-Apr-11																																					Gas Main Diversion																																			
S28N1232	Piling	46	0	15-Apr-11	14-Jun-11	15-Apr-11	14-Jun-11																																					Piling																																			



Activity ID	Activity Name	Original Duration	Total Float	Early Start	Early Finish	Late Start	Late Finish	2010												2011												2012												2013											
								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	N	D	J	F	M	A	M	J	J	A	S	O	N	D		
								2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41								
S28N1342	Existing Water main Diversion	45	203	14-Jul-10	03-Sep-10	18-Mar-11	16-May-11	Existing Water main Diversion																																															
S28N1343	Pre-drilling for Piles	7	203	04-Sep-10	11-Sep-10	17-May-11	24-May-11	Pre-drilling for Piles																																															
S28N1344	Confirmation of Founding Level	14	203	13-Sep-10	29-Sep-10	25-May-11	10-Jun-11	Confirmation of Founding Level																																															
S28N1345	Piling Work (16shp)	62	203	30-Sep-10	13-Dec-10	11-Jun-11	23-Aug-11	Piling Work (16shp)																																															
S28N1346	Temporary Shoring System	44	203	14-Dec-10	09-Feb-11	24-Aug-11	17-Oct-11	Temporary Shoring System																																															
S28N1347	Excavation to Formation Level	7	203	10-Feb-11	17-Feb-11	18-Oct-11	25-Oct-11	Excavation to Formation Level																																															
S28N1348	Pile Head Trimming and bearing plate	14	203	18-Feb-11	05-Mar-11	26-Oct-11	10-Nov-11	Pile Head Trimming and bearing plate																																															
S28N1349	Pile Cap Construction	21	203	07-Mar-11	30-Mar-11	11-Nov-11	05-Dec-11	Pile Cap Construction																																															
S28N1350	Backfilling	30	203	31-Mar-11	11-May-11	06-Dec-11	12-Jan-12	Backfilling																																															
S28N1351	Pier Construction	72	203	12-May-11	05-Aug-11	13-Jan-12	13-Apr-12	Pier Construction																																															
<b>Pier NLKP8</b>																																																							
S28N1361	Realignment of Existing slip road	45	196	19-May-10	13-Jul-10	13-Jan-11	09-Mar-11	Realignment of Existing slip road																																															
S28N1363	Existing Water main Diversion	45	196	14-Jul-10	03-Sep-10	10-Mar-11	06-May-11	Existing Water main Diversion																																															
S28N1364	Pre-drilling for Piles	18	196	04-Sep-10	25-Sep-10	07-May-11	28-May-11	Pre-drilling for Piles																																															
S28N1365	Confirmation of Founding Level	14	196	27-Sep-10	13-Oct-10	30-May-11	15-Jun-11	Confirmation of Founding Level																																															
S28N1366	Piling Work (24shp)	99	196	14-Oct-10	14-Feb-11	16-Jun-11	13-Oct-11	Piling Work (24shp)																																															
S28N1367	Temporary Shoring System	44	196	15-Feb-11	07-Apr-11	14-Oct-11	03-Dec-11	Temporary Shoring System																																															
S28N1368	Excavation to Formation Level	7	196	08-Apr-11	15-Apr-11	05-Dec-11	12-Dec-11	Excavation to Formation Level																																															
S28N1369	Pile Head Trimming and bearing plate	14	196	16-Apr-11	06-May-11	13-Dec-11	30-Dec-11	Pile Head Trimming and bearing plate																																															
S28N1370	Pile Cap Construction	21	196	07-May-11	01-Jun-11	31-Dec-11	28-Jan-12	Pile Cap Construction																																															
S28N1371	Backfilling	21	196	02-Jun-11	27-Jun-11	30-Jan-12	22-Feb-12	Backfilling																																															
S28N1372	Pier Construction	71	196	28-Jun-11	20-Sep-11	23-Feb-12	21-May-12	Pier Construction																																															
<b>Pier NLKP9</b>																																																							
S28N1381	Realignment of Existing slip road	45	248	19-May-10	13-Jul-10	18-Mar-11	16-May-11	Realignment of Existing slip road																																															
S28N1382	Existing Water main Diversion	45	248	14-Jul-10	03-Sep-10	17-May-11	09-Jul-11	Existing Water main Diversion																																															
S28N1383	Pre-drilling for Piles	14	248	04-Sep-10	20-Sep-10	11-Jul-11	26-Jul-11	Pre-drilling for Piles																																															
S28N1384	Confirmation of Founding Level	14	248	21-Sep-10	08-Oct-10	27-Jul-11	11-Aug-11	Confirmation of Founding Level																																															
S28N1385	Piling Work (24shp)	78	248	09-Oct-10	12-Jan-11	12-Aug-11	14-Nov-11	Piling Work (24shp)																																															
S28N1386	Temporary Shoring System	44	248	13-Jan-11	08-Mar-11	15-Nov-11	07-Jan-12	Temporary Shoring System																																															
S28N1387	Excavation to Formation Level	7	248	09-Mar-11	16-Mar-11	09-Jan-12	16-Jan-12	Excavation to Formation Level																																															
S28N1388	Pile Head Trimming and bearing plate	14	248	17-Mar-11	01-Apr-11	17-Jan-12	04-Feb-12	Pile Head Trimming and bearing plate																																															
S28N1389	Pile Cap Construction	21	248	02-Apr-11	30-Apr-11	06-Feb-12	29-Feb-12	Pile Cap Construction																																															
S28N1390	Backfilling	21	248	03-May-11	27-May-11	01-Mar-12	24-Mar-12	Backfilling																																															
S28N1391	Pier Construction	74	248	28-May-11	24-Aug-11	26-Mar-12	27-Jun-12	Pier Construction																																															
<b>Pier NLKP10</b>																																																							
S28N1401	132 kv Cable Diversion	132	0	01-Sep-11	11-Feb-12	01-Sep-11	11-Feb-12	132 kv Cable Diversion																																															
S28N1402	Existing Water main Diversion	32	0	03-Jan-12	11-Feb-12	03-Jan-12	11-Feb-12	Existing Water main Diversion																																															
S28N1405	Piling Work (17shp)	63	0	13-Feb-12	30-Apr-12	13-Feb-12	30-Apr-12	Piling Work (17shp)																																															
S28N1409	Pile Cap construction	40	0	02-May-12	18-Jun-12	02-May-12	18-Jun-12	Pile Cap construction																																															
S28N1411	Pier Construction	37	0	19-Jun-12	02-Aug-12	19-Jun-12	02-Aug-12	Pier Construction																																															
<b>North Abutment NKL</b>																																																							
S28N1422	Existing Water Main Utilities Diversion	32	0	03-Jan-12	11-Feb-12	03-Jan-12	11-Feb-12	Existing Water Main Utilities Diversion																																															
S28N1425	Piling Work (24shp)	78	0	13-Feb-12	18-May-12	13-Feb-12	18-May-12	Piling Work (24shp)																																															
S28N1429	Pile Cap Construction	44	0	19-May-12	12-Jul-12	19-May-12	12-Jul-12	Pile Cap Construction																																															
S28N1430	Abutment	48	0	13-Jul-12	06-Sep-12	13-Jul-12	06-Sep-12	Abutment																																															
<b>North Ramp</b>																																																							
S28N1435	Construction of North Ramp	170	51	03-Jan-12	31-Jul-12	06-Mar-12	28-Sep-12	Construction of North Ramp																																															
S28N1436	Temporary Work for Excavation	22	51	03-Jan-12	31-Jan-12	06-Mar-12	30-Mar-12	Temporary Work for Excavation																																															
S28N1437	Excavation	23	51	01-Feb-12	27-Feb-12	31-Mar-12	02-May-12	Excavation																																															
S28N1438	Base Slab	55	51	28-Feb-12	07-May-12	03-May-12	09-Jul-12	Base Slab																																															
S28N1439	Wing Wall	70	51	08-May-12	31-Jul-12	10-Jul-12	28-Sep-12	Wing Wall																																															

**Decking and Finishing**





Activity ID	Activity Name	Original Duration	Total Float	Early Start	Early Finish	Late Start	Late Finish	2010												2011												2012												2013											
								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	N	D	J	F	M	A	M	J	J	A	S	O	N	D		
								2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41								
SA410000	Site Area SA41 Works Period	1581	0	26-Feb-10	25-Jun-14	26-Feb-10	25-Jun-14																																																
SA410010	Site Area SA41 Works Completion	0	0		25-Jun-14		25-Jun-14																																																
<b>Temporary Site Office</b>																																																							
S41G0000	Site Clearance / TTM	60	0	26-Feb-10	12-May-10	26-Feb-10	12-May-10																																										Site Clearance / TTM						
S41G9000	Construction of ER & Contractor's Office	60	0	26-Feb-10	12-May-10	26-Feb-10	12-May-10																																										Construction of ER & Contractor's Office						
S41G9100	Temp Warehouse, Fabrication & Equip Yard	1419	0	13-May-10	31-Mar-14	13-May-10	31-Mar-14																																																
S41G9120	Dismantle of ER & Contractor's Office	68	0	01-Apr-14	25-Jun-14	01-Apr-14	25-Jun-14																																																
<b>Site Area SA42 (Core Storage &amp; Works Area)</b>																																																							
PHSA4210	Possession of SA42 (Day0)	0	0	26-Feb-10		26-Feb-10																																											Possession of SA42 (Day0)						
SA410040	Site Area SA42 Works Period	1581	0	26-Feb-10	25-Jun-14	26-Feb-10	25-Jun-14																																																
SA420010	Site Area SA42 Works Completion	0	0		25-Jun-14		25-Jun-14																																																
<b>Site Area SA43</b>																																																							
PHSA4310	Possession of SA43 (Day90)	0	0	26-May-10		25-May-10																																											Possession of SA43 (Day90)						
SA410020	Site Area SA43 Works Period	1492	0	26-May-10	25-Jun-14	26-May-10	25-Jun-14																																																
SA410030	Site Area SA43 Works Completion	0	0		25-Jun-14		25-Jun-14																																																
<b>Mulching Production Area</b>																																																							
S41G10	Site Clearance	59	0	27-May-10	05-Aug-10	27-May-10	05-Aug-10																																																
S41G20	Site Clearance (Mulching Office Area)	45	0	27-May-10	20-Jul-10	27-May-10	20-Jul-10																																																
S41G30	Site Clearance (Wood Storage Area)	45	0	12-Jun-10	05-Aug-10	12-Jun-10	05-Aug-10																																																
S41G9020	Construction of Mulching Production Yard	60	0	06-Aug-10	18-Oct-10	06-Aug-10	18-Oct-10																																																
S41G9110	Temp Warehouse, Fabrication & Equip Yard (Site allocated for period till 8 May 2012) : Expected production = 900m3	1260	0	19-Oct-10	31-Mar-14	19-Oct-10	31-Mar-14																																																
S41G91110	Mulching Production Phase 1 (45m3)	63	0	19-Oct-10	20-Dec-10	19-Oct-10	20-Dec-10																																																
S41G91111	Mulching Production Phase 2 (45m3)	63	0	21-Dec-10	21-Feb-11	21-Dec-10	21-Feb-11																																																
S41G91112	Mulching Production Phase 3 (45m3)	63	0	22-Feb-11	25-Apr-11	22-Feb-11	25-Apr-11																																																
S41G91113	Mulching Production Phase 4 (45m3)	63	0	26-Apr-11	27-Jun-11	26-Apr-11	27-Jun-11																																																
S41G91114	Mulching Production Phase 5 (45m3)	63	0	28-Jun-11	29-Aug-11	28-Jun-11	29-Aug-11																																																
S41G91115	Mulching Production Phase 6 (45m3)	63	0	30-Aug-11	31-Oct-11	30-Aug-11	31-Oct-11																																																
S41G91116	Mulching Production Phase 7 (45m3)	63	0	01-Nov-11	02-Jan-12	01-Nov-11	02-Jan-12																																																
S41G91117	Mulching Production Phase 8 (45m3)	63	0	03-Jan-12	05-Mar-12	03-Jan-12	05-Mar-12																																																
S41G91118	Mulching Production Phase 9 (45m3)	63	0	06-Mar-12	07-May-12	06-Mar-12	07-May-12																																																
S41G91119	Mulching Production Phase 10 (45m3)	63	0	08-May-12	09-Jul-12	08-May-12	09-Jul-12																																																
S41G91120	Mulching Production Phase 11 (45m3)	63	0	10-Jul-12	10-Sep-12	10-Jul-12	10-Sep-12																																																
S41G91121	Mulching Production Phase 12 (45m3)	63	0	11-Sep-12	12-Nov-12	11-Sep-12	12-Nov-12																																																
S41G91122	Mulching Production Phase 13 (45m3)	63	0	13-Nov-12	14-Jan-13	13-Nov-12	14-Jan-13																																																
S41G91123	Mulching Production Phase 14 (45m3)	63	0	15-Jan-13	18-Mar-13	15-Jan-13	18-Mar-13																																																
S41G91124	Mulching Production Phase 15 (45m3)	63	0	19-Mar-13	20-May-13	19-Mar-13	20-May-13																																																
S41G91125	Mulching Production Phase 16 (45m3)	63	0	21-May-13	22-Jul-13	21-May-13	22-Jul-13																																																
S41G91126	Mulching Production Phase 17 (45m3)	63	0	23-Jul-13	23-Sep-13	23-Jul-13	23-Sep-13																																																
S41G91127	Mulching Production Phase 18 (45m3)	63	0	24-Sep-13	25-Nov-13	24-Sep-13	25-Nov-13																																																
S41G91128	Mulching Production Phase 19 (45m3)	63	0	26-Nov-13	27-Jan-14	26-Nov-13	27-Jan-14																																																
S41G91129	Mulching Production Phase 20 (45m3)	63	0	28-Jan-14	31-Mar-14	28-Jan-14	31-Mar-14																																																
S41G9130	Dismantle of Mulching Production Yard	68	0	01-Apr-14	25-Jun-14	01-Apr-14	25-Jun-14																																																
S41G9131	Dismantle of Mulching Production Yard : Removing Mulching Office	48	0	01-Apr-14	31-May-14	01-Apr-14	31-May-14																																																
S41G9132	Dismantle of Mulching Production Yard : Removing Security Fence and Security Device	20	0	03-Jun-14	25-Jun-14	03-Jun-14	25-Jun-14																																																
<b>Section 8</b>																																																							
<b>Establishment Works</b>																																																							
S21G8000	SA21 Establishment Works	365	0	26-Jun-13	25-Jun-14	26-Jun-13	25-Jun-14																																																
<b>Section 9</b>																																																							
<b>Establishment Works</b>																																																							





Activity ID	Activity Name	Original Duration	Total Float	Early Start	Early Finish	Late Start	Late Finish	2010												2011												2012												2013											
								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	N	D	J	F	M	A	M	J	J	A	S	O	N	D		
								2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41								
S30AN200	Noise Barrier NB42, NB42A & NB47 Foundation	202	1	19-Jul-12	21-Mar-13	20-Jul-12	22-Mar-13																																																
S30AN211	NB42 : Construction of Footing	20	1	19-Jul-12	10-Aug-12	20-Jul-12	11-Aug-12																																																
S30AN212	NB42 : Erecting H-Column	20	1	11-Aug-12	03-Sep-12	13-Aug-12	04-Sep-12																																																
S30AN213	NB42 : Installing Panel	20	1	04-Sep-12	26-Sep-12	05-Sep-12	27-Sep-12																																																
S30AN221	NB42A : Construction of Footing	20	1	27-Sep-12	22-Oct-12	28-Sep-12	24-Oct-12																																																
S30AN222	NB42A : Erecting H-Column	20	1	24-Oct-12	15-Nov-12	25-Oct-12	16-Nov-12																																																
S30AN223	NB42A : Installing Panel	20	1	16-Nov-12	08-Dec-12	17-Nov-12	10-Dec-12																																																
S30AN231	NB47 : Installing Sheet Pile & ELS Works	21	1	10-Dec-12	05-Jan-13	11-Dec-12	07-Jan-13																																																
S30AN232	NB47 : Constructing Foundation	21	1	07-Jan-13	30-Jan-13	08-Jan-13	31-Jan-13																																																
S30AN233	NB47 : Erecting H-Column	20	1	31-Jan-13	26-Feb-13	01-Feb-13	27-Feb-13																																																
S30AN234	NB47 : Installing Panel	20	1	27-Feb-13	21-Mar-13	28-Feb-13	22-Mar-13																																																
<b>South Bound</b>																																																							
<b>Preliminaries</b>																																																							
S30S0000	Site Clearance/TTM/Access Rd/Utility Diversion	45	1	17-Dec-12	09-Feb-13	18-Dec-12	14-Feb-13																																																
<b>Noise Barriers &amp; Road Barriers</b>																																																							
S30S2030	Noise Barrier NB44 & NB45 Foundation	48	1	14-Feb-13	15-Apr-13	15-Feb-13	16-Apr-13																																																
S30S2040	Noise Barrier NB44 Foundation	24	1	14-Feb-13	13-Mar-13	15-Feb-13	14-Mar-13																																																
S30S2050	Noise Barrier NB45 Foundation	24	1	14-Mar-13	15-Apr-13	15-Mar-13	16-Apr-13																																																
S30S3000	Construct Noise Barrier & Beam Barrier	57	1	16-Apr-13	24-Jun-13	17-Apr-13	25-Jun-13																																																
S30S3010	Construct Noise Barrier	27	1	16-Apr-13	18-May-13	17-Apr-13	20-May-13																																																
S30S3020	Construct Beam Barrier	30	1	20-May-13	24-Jun-13	21-May-13	25-Jun-13																																																
S30S3100	Construct Beam Barrier & Noise Barrier (MCNB5705 to 5870)	45	0	06-Feb-13	06-Apr-13	06-Feb-13	06-Apr-13																																																
S30S3110	Construct Beam Barrier (MCNB5705 to 5870)	15	0	06-Feb-13	26-Feb-13	06-Feb-13	26-Feb-13																																																
S30S3120	Construct Noise Barrier (MCNB5705 to 5870)	30	0	27-Feb-13	06-Apr-13	27-Feb-13	06-Apr-13																																																
<b>Site Area SA30A</b>																																																							
SA300015	Site Area SA30 Works Period	397	1	24-May-12	24-Jun-13	25-May-12	25-Jun-13																																																
SA30A000	Site Area SA30A Works Completion	0	1		24-Jun-13		25-Jun-13																																																
<b>North Bound</b>																																																							
<b>Preliminaries</b>																																																							
S30AN000	Site Clearance/TTM/Access Rd/Utility Diversion	45	1	24-May-12	18-Jul-12	25-May-12	19-Jul-12																																																
<b>Noise Barriers &amp; Road Barriers</b>																																																							
S30AN300	Construct Noise Barrier & Beam Barrier	74	1	22-Mar-13	24-Jun-13	23-Mar-13	25-Jun-13																																																
S30AN310	Installation of Remaining Noise Barrier	37	1	22-Mar-13	09-May-13	23-Mar-13	10-May-13																																																
S30AN320	Installation of Beam Barrier	37	1	10-May-13	24-Jun-13	11-May-13	25-Jun-13																																																
<b>Section 17 (Subject to Excision and Instruct by Engineer within 819 days)</b>																																																							
<b>General</b>																																																							
SC150025	Validity Period	819	1	25-Feb-10	23-May-12	26-Feb-10	24-May-12																																																
SC150030	Latest Date for the Engineer to Issue EI	0	1		23-May-12		24-May-12																																																
<b>Site Area SA28</b>																																																							
PHSA2840	Possession of SA28	0	0	26-Feb-10		26-Feb-10																																																	
SA280005	Site Area SA28 Works Period	397	1	24-May-12	24-Jun-13	25-May-12	25-Jun-13																																																
SA280020	Site Area SA28 Works Completion	0	1		24-Jun-13		25-Jun-13																																																
<b>All Area</b>																																																							
<b>Preliminaries</b>																																																							
S28N1000	Site Clearance/TTM/Access Rd/Utility Diversion	45	1	24-May-12	18-Jul-12	25-May-12	19-Jul-12																																																
<b>Roadworks, Drainage &amp; Utilities</b>																																																							
S28N4100	Gravity Sewer Line	276	1	19-Jul-12	24-Jun-13	20-Jul-12	25-Jun-13																																																
S28N4110	Gravity Sewer Line (Manhole no. Village Sewer to STS10_10)	30	1	19-Jul-12	22-Aug-12	20-Jul-12	23-Aug-12																																																
S28N4120	Gravity Sewer Line (Manhole no. STS10_10 to STS10_20)	30	1	23-Aug-12	26-Sep-12	24-Aug-12	27-Sep-12																																																
S28N4130	Gravity Sewer Line (Manhole no. STS30_10 to STS10_40)	30	1	27-Sep-12	03-Nov-12	28-Sep-12	05-Nov-12																																																

