

Activity ID	Activity Name	Original Duration	Start	Finish	2011															
					June					July					August				September	
					22	29	05	12	19	26	03	10	17	24	31	07	14	21	28	04
PRELIMINARES & GENERAL REQUIREMENTS, PROCUREMENT																				
Procurement																				
Contractor's Designs																				
No SUB LOCATION																				
CD-110010	NB Approval In Principle & Detailed Design & ICE	120	12-Mar-10 A	20-Jun-11	NB Approval In Principle & Detailed Design & ICE															
CD-110020	NB Design Comments & Approval	90	20-Dec-10 A	21-Jul-11	NB Design Comments & Approval															
Procurements, Fabrications & Deliveries																				
No SUB LOCATION																				
01-1100025	Bearing - Order / Fabrication / Delivery	90	11-Apr-10 A	24-Jun-11	Bearing - Order / Fabrication / Delivery															
00-110000	NB Fabricate & Delivery- Panels	260	20-Jun-11 A	18-Jun-12																
Z1: CH 0 to CH 500: SECT. 1 WORKS																				
Banyan & Banyan West Bridge Construction																				
New Banyan Bridge																				
Foundation Works																				
S1-080060	Demolish exiting pile caps	34	21-Dec-10 A	29-Jun-11	Demolish exiting pile caps															
S1-080320	Pier NBP1 - Bored Piles, 3 x 1500dia	31	31-May-11	07-Jul-11	Pier NBP1 - Bored Piles, 3 x 1500dia															
S1-080420	Pier NBP1 - Pile Cap	15	08-Jul-11	25-Jul-11	Pier NBP1 - Pile Cap															
Pile Cap, Pier and Abutments																				
S1-080430	Abutment North NBNA Abutment	46	24-May-11 A	03-Jun-11	Abutment North NBNA Abutment															
S1-080410	Abutment South NBAS Abutment	46	09-Jun-11 A	19-Jul-11	Abutment South NBAS Abutment															
S1-080520	Pier NBP1 - Pier	36	08-Jul-11*	18-Aug-11	Pier NBP1 - Pier															
Bridge Deck																				
S1-080610	Abut South NBSA to Pier NBP1 Decking, 44.95m	60	15-Aug-11	26-Oct-11																
S1-080590	Bridge Bearings NBMJ1 & NBMJ2. 2 nr.	10	19-Aug-11	30-Aug-11	Bridge Bearings															
S1-080620	Pier NBP1 to Abut North NBNA Decking 36.95m	60	19-Sep-11	29-Nov-11																
New Banyan Bridge West																				
Foundation Works																				
S1-090100	Demolish exiting pile caps	40	12-Apr-11 A	15-Jul-11	Demolish exiting pile caps															
S1-090310	Abutment South NBW Bored Piles, 6 x 1000dia	36	28-Apr-11 A	10-Jun-11	Abutment South NBW Bored Piles, 6 x 1000dia															
S1-090320	Pier NBWP Bored Piles, 8 x 610dia Pre-Bored H Pi	36	18-Jul-11	27-Aug-11	Pier NBWP Bored															
S1-090420	Pier NBWP Pile Cap	36	29-Aug-11	12-Oct-11																
Pile Cap, Pier and Abutments																				
S1-090410	Abutment South NBWAS Abutment	48	29-Aug-11	26-Oct-11																
S1-090430	Abutment North NBWNA Abutment	48	29-Aug-11	26-Oct-11																
Noise Barrier at Kwong Fuk West																				
Noise Barrier at Kwong Fuk West Viaduct																				
Noise Barrier Foundation Works																				
S1-000345A	Ground Investigation Works	48	16-Nov-09 A	30-Jun-11	Ground Investigation Works															
S1-180310A	Prebored H Piles, 39 nr.	70	08-Nov-10 A	26-Aug-11	Prebored H Piles,															
S1-180310B	Prebored H Piles, 39 nr.	70	22-Aug-11	14-Nov-11																
TCSS Works/Other Utilities																				
S1-180905	Civil prov. works (CPW)- TCSS Pillar Box B	18	21-Jul-11	10-Aug-11	Civil prov. works (CPW)- TCSS															
Southbound Work- Ret. Wall, Noise B, Rd																				
RW W3, NB6, and Slope S4																				
High Mast Lighting																				
S1-203068	Install/delete lamps at high mast HM2 & HM3	18	08-Jun-11	28-Jun-11	Install/delete lamps at high mast HM2 & HM3															
Noise Barrier NB6																				
S1-200060	NB6 Prebored H Piles, 58 nr, L=85m	70	20-May-11	11-Aug-11	NB6 Prebored H Piles, 58 nr, L															
S1-201060	NB6 Pile Testing	20	12-Aug-11	03-Sep-11	NB6 Pile Te															
S1-203060	NB6 Pilecap and plinth, 5 bays	64	05-Sep-11	21-Nov-11																
Road Lighting/ or High Mast																				
S1-051037	Civil prov. works (CPW)- Lighting Pillar Box P1	18	01-Jun-11*	22-Jun-11	Civil prov. works (CPW)- Lighting Pillar Box P1															
S1-203067	Relocate pillar box for high mast HM1-HM10	18	08-Jun-11	28-Jun-11	Relocate pillar box for high mast HM1-HM10															
S1-200157	Civil prov. works (CPW)- Lighting Pillar Box P6	18	23-Jun-11	14-Jul-11	Civil prov. works (CPW)- Lighting Pillar Box P6															
S1-700050	Cabling works for utilities/Lighting	18	15-Jul-11	04-Aug-11	Cabling works for utilities/Lighting															
S1-700070	Pillar Box + MCB Board installation	18	05-Aug-11	25-Aug-11	Pillar Box + MCB B															
Cut Slope S4																				
S1-031060A	Cut Slope S4 - excavation	44	26-Feb-11 A	06-Aug-11	Cut Slope S4 - excavation															
S1-031060B	Cut Slope S4 - drainage/ u channels	6	26-Aug-11	01-Sep-11	Cut Slope S4															
RW W2, NB7, Slope S3, Slip Rd C																				
Cut Slope S3																				
S1-031030A	Cut Slope S3- excavation	14	20-Dec-10 A	29-Jun-11	Cut Slope S3- excavation															
SB Road & Drain, Ch 0-300, after NB3																				
TCSS Works/Other Utilities																				
S1-035045	TCSS P57 - footing	18	09-Sep-11*	01-Oct-11																
NB6 and Slope S4A, after TB1 demolition																				
Cut Slope S4A																				
S1-208140A	Cut Slope S4A - excavation	8	18-Dec-10 A	25-Jun-11	Cut Slope S4A - excavation															
NB11, Slope S4B & F124, after TB2 dem.																				
Cut Slope S4B, S4C																				
S1-031040A	Cut Slope S4B, S4C - excavation	24	16-Dec-10 A	15-Jul-11	Cut Slope S4B, S4C -excavation															
South Bound Road and Drain, Ch 300-500																				
TCSS Works/Other Utilities																				
S1-051303	Civil prov. works (CPW)- TCSS Pillar Box A	18	29-Jun-11	20-Jul-11	Civil prov. works (CPW)- TCSS Pillar Box A															
Northbound Work- Ret. Wall, Noise B, Rd																				
RW W1+ NB1+S1, NB2 Ch200-300																				
Retaining Wall W1																				
S1-035016A	Ret. Wall W1(@CSD), base slab	48	21-Jan-11 A	20-Jun-11	Ret. Wall W1(@CSD), base slab															

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					June					July				August				September		
					22	29	05	12	19	26	03	10	17	24	31	07	14	21	28	04
S1-035016B	Ret. Wall W1(@CSD), wall stem	48	21-Apr-11 A	26-Jul-11	Ret. Wall W1(@CSD), wall stem															
S1-035010A	Retaining Wall W1, excav + base slab	48	12-Jul-11	05-Sep-11	Retaining															
S1-035010B	Retaining Wall W1, wall stem + backfill	48	18-Aug-11	15-Oct-11																
NB2 Ch100-225																				
Noise Barrier Foundation Works																				
S1-200020A	Prebored H Piles, 56 nr.	52	20-Aug-11*	22-Oct-11																
Slip Rd A after Banyan Br. Completion																				
Slip Rd A																				
S1-051150	Slip Road A - drainage + road reconstruction	48	15-Sep-11	11-Nov-11																
NB2 & Slope S2, after TB1 demolition																				
Cut Slope S2																				
S1-031025A	Cut Slope S2- excavation	12	20-Dec-10 A	28-Jun-11	Cut Slope S2- excavation															
NB9, Slope F121, S5, (after TB2 demolition)																				
Noise Barrier NB9																				
S1-200120	NB9 Prebored H Piles, 34 nr	36	17-Dec-10 A	30-Jun-11	NB9 Prebored H Piles, 34 nr															
Z2: CH 500 to CH 1100: SECT. 4 WORKS																				
Stage 1: Southbound Work- Ret. Wall, Noise B, Rd																				
NLKR - Bridge Deck + Noise Barrier																				
Precast Fabrication																				
S4-100190B	Precast Beam Casting 8 nr + 1st stage stressing	50	21-Apr-11 A	20-May-11 A	Precast Beam Casting 8 nr + 1st stage stressing															
Bridge Deck																				
S4-100365	Position lifting gantry	12	25-Aug-11	07-Sep-11	Position															
S4-100590	Install Bridge Bearings, 30 nr	4	03-Sep-11	07-Sep-11	Install Br															
NLKR - South Abutment																				
Foundation Works																				
S4-100310A	South Abut. NLKR-Bored Piles, 5nrs,	38	09-Dec-10 A	20-Jun-11	South Abut. NLKR-Bored Piles, 5nrs,															
Pile Cap, Pier and Abutments																				
S4-100315	South Abut. NLKR- base slab	33	20-May-11	28-Jun-11	South Abut. NLKR- base slab															
S4-100325	South Abut. NLKR- abut wall 1st lift	12	29-Jun-11	13-Jul-11	South Abut. NLKR- abut wall 1st lift															
S4-100375	South Abut. NLKR- abut wall 2nd lift	12	14-Jul-11	27-Jul-11	South Abut. NLKR- abut wall 2nd lift															
S4-100330	South Abut. lower wall-handover to MTRCL for OHL	0	28-Jul-11		◆ South Abut. lower wall-handover to MTRCL															
S4-100335	South Abut. - OHL A20655.2& 20656.5 by MTRCL	26	28-Jul-11	26-Aug-11	South Abut. - OHL															
S4-100340	South Abut. NLKR- ex. OHL A20656 remove by MT...	25	27-Aug-11	26-Sep-11																
S4-100380	South Abut. NLKR- cantilever slab	48	27-Aug-11	25-Oct-11																
NLKR - North Abutment																				
Pile Cap, Pier and Abutments																				
S4-100345	North Abut. NLKR- base slab	33	21-Jan-11 A	09-Jul-11	North Abut. NLKR- base slab															
S4-100350	North Abut. NLKR- abut wall 1st lift	12	29-Jun-11	13-Jul-11	North Abut. NLKR- abut wall 1st lift															
S4-100355	North Abut. NLKR- abut wall 2nd lift	12	14-Jul-11	27-Jul-11	North Abut. NLKR- abut wall 2nd lift															
S4-100360	North Abut. NLKR- cantilever slab	24	28-Jul-11	24-Aug-11	North Abut. NLKR- c															
RW W4-W7+Slope S7+NB15, NB12+Slip Rd L																				
Noise Barrier NB12																				
S4-203120C	NB12 pile cap - Bay 5 to Bay 8	28	09-Jul-11	10-Aug-11	NB12 pile cap - Bay 5 to Bay 8															
S4-207120	NB12 Structural Steel	28	11-Aug-11	13-Sep-11	NB															
S4-208120	NB12 NB Panels	28	25-Aug-11	27-Sep-11																
Noise Barrier NB15																				
S4-203150	NB15 Pilecap and plinth, 13 bays	26	28-Jan-11 A	06-Jul-11	NB15 Pilecap and plinth, 13 bays															
S4-200150	NB15 Prebored H Piles, 102 nr	50	29-Jun-11	26-Aug-11	NB15 Prebored H															
S4-207150	NB15 Structural Steel	26	27-Aug-11	27-Sep-11																
S4-208150	NB15 NB Panels	26	03-Sep-11	06-Oct-11																
Cut Slope S6 and Slip Rd L																				
S1-203065A	Cut slope S6 - excavation	12	20-Dec-10 A	29-Jun-11	Cut slope S6 - excavation															
S4-208155A	Slip Rd L - Stage 1 + TTA implementation	48	20-May-11	16-Jul-11	Slip Rd L - Stage 1 + TTA implementation															
S4-208155	Slip Rd L reconstruction - Stage 2	48	11-Aug-11	08-Oct-11																
Fill Slope S7																				
S4-031070A	Fill Slope S7- backfilling to RW coping level	72	07-May-10 A	11-Jul-11	Fill Slope S7- backfilling to RW coping level															
S4-031070B	Fill Slope S7- backfilling to rd level	48	20-Jul-10 A	22-Jul-11	Fill Slope S7- backfilling to rd level															
S4-031070C	Fill Slope S7- u channels	24	01-Jun-11	29-Jun-11	Fill Slope S7- u channels															
S4-031070D	Fill Slope S7- metal works + hand rails etc.	18	16-Jun-11	07-Jul-11	Fill Slope S7- metal works + hand rails etc.															
Retaining Wall W7																				
S4-035070C	VO - Gas Main Diversion	72	20-May-11	13-Aug-11	VO - Gas Main Diversion															
S4-035070A	Retaining Wall W7, excav + base slab	28	24-Jun-11	27-Jul-11	Retaining Wall W7, excav + base slab															
S4-035070B	Retaining Wall W7, wall stem + backfill	28	09-Jul-11	10-Aug-11	Retaining Wall W7, wall stem +															
Ret. Wall W8 & NB18																				
Noise Barrier NB18																				
S4-207180	NB18 Structural Steel, CH 0 to 317, 106 bays	48	30-Jun-11	25-Aug-11	NB18 Structural Ste															
S4-208180	NB18 NB Panels, Type V8, CH 0-317, 106 bay x 3m	36	29-Jul-11	08-Sep-11	NB18:NB															
Retaining Wall W8- near Bridge 11A																				
S4-035081C	RW W8, (nr. B11A) Bay 11->26 - wall stem	72	07-Apr-10 A	20-Jun-1...	RW W8, (nr. B11A) Bay 11->26 - wall stem															
Retaining Wall W8- near NLKR																				
S4-035082A	RW W8, (nr. NLKR) Bay 1->10, temp. work + excav	68	16-Nov-10 A	06-Jul-11	RW W8, (nr. NLKR) Bay 1->10, temp. work + excav															
S4-035082B	RW W8, (nr. NLKR) Bay 1->10, base slab	68	11-Dec-10 A	27-Jul-11	RW W8, (nr. NLKR) Bay 1->10, base slab															
S4-035082C	RW W8, (nr. NLKR) Bay 1->10, wall stem	72	20-Jan-11 A	22-Aug-11	RW W8, (nr. NLKR)															
Retaining Wall W8- Backfilling																				
S4-035085A	RW W8, Backfill-to RW +2m level	72	22-Nov-10 A	15-Jul-11	RW W8, Backfill-to RW +2m level															
S4-035085B	RW W8, Backfill-to RW coping lvl	24	16-Jun-11 A	11-Aug-11	RW W8, Backfill-to RW coping															
S4-035085C	RW W8, Backfill- to road level	24	14-Jul-11	10-Aug-11	RW W8, Backfill- to road level															
S4-035085D	RW W8, Backfill- u-channel + handrails	24	20-Jul-11	16-Aug-11	RW W8, Backfill- u-channe															
SB: CH500-1100, Road&Drain+Utilities																				

Activity ID	Activity Name	Original Duration	Start	Finish	2011															
					June					July				August				September		
					22	29	05	12	19	26	03	10	17	24	31	07	14	21	28	04
Road Drainage																				
S4-031140	Road Drainage - pipelayinng + manhole	60	20-May-11	30-Jul-11	Road Drainage - pipelayinng + manhole															
Firemain																				
S4-031150	Firemain- excav, pipe install+pit/new hydrants	48	20-May-11	16-Jul-11	Firemain- excav, pipe install+pit/new hydrants															
TCSS Works/Other Utilities																				
S4-031156	Utilities+ TCSS buried ducts + CPW- SC 63/S63	48	20-May-11	16-Jul-11	Utilities+ TCSS buried ducts + CPW- SC 63/S63															
S4-031160	Power supply cable ducts	36	20-May-11	02-Jul-11	Power supply cable ducts															
Road Lighting/ or High Mast																				
S4-031178	Public lighting - Lamp Pole + Lamps	24	11-Jun-11	09-Jul-11	Public lighting - Lamp Pole + Lamps															
S4-031178B	Public Lighting - power supply connection & test	18	01-Aug-11	20-Aug-11	Public Lighting - power															
Roadworks																				
S4-031165	Roadworks- subbase+ subsoil drain+gully connect	48	04-Jul-11	27-Aug-11	Roadworks- sub															
S4-031170	Roadworks - base course to friction course	30	08-Aug-11	10-Sep-11	Roadw															
S4-031175	Roadworks - road marking + furnitures	18	22-Aug-11	10-Sep-11	Roadw															
S4-031185	Implement TTA	0		13-Sep-11	◆ Imp															
Utilities Diversion at Slip Rd L																				
NWT																				
S4-208155G	Slip Rd L reconstruction	36	20-Jun-11	01-Aug-11	Slip Rd L reconstruction															
S4-208155J	NWT - relocation of drawpit (2)	18	02-Aug-11	22-Aug-11	NWT - relocation of dr															
Stage 2: Northbound Work- Ret. Wall, Noise B, Rd																				
Mod. Existing Lam Kam Railway Br. +Noise B.																				
No SUB LOCATION																				
S4-193810	Remove ex.steel parapets, slab, plinth, kerb,etc	12	13-Sep-11	26-Sep-11																
S4-193820	Formwork, protective board & temp. supports	12	14-Sep-11	27-Sep-11																
Noise Barrier NB13, NB16																				
Noise Barrier Foundation Works																				
S4-200160A	Ground Investigation - NB16	48	24-Jun-11	19-Aug-11	Ground Investigation - N															
S4-200160	NB16 Prebored H Piles, 262 nr	65	20-Aug-11	07-Nov-11																
Retaining Wall W4A & NB13 & Slip Rd M																				
Retaining Wall W4A																				
S4-03504A3	Ground Investigation - RW W4A	36	01-Aug-11	10-Sep-11	Groun															
S4-03504A	RW W4A, Pre Bored H-Pile 8 bay x10 nr x 17-22mL	60	13-Sep-11	23-Nov-11																
Z3: CH 1100 to CH 2000: SECT. 4 WORKS																				
Stage 1: Southbound Work- Ret. Wall, Noise B, Rd																				
New Bridge 10A + Noise Barrier																				
Bridge Piling Works																				
S4-110390B	Abutment West 10A Bored Piles- piling	63	10-Dec-10 A	20-Jun-11	Abutment West 10A Bored Piles- piling															
S4-110390C	Abutment West 10A Bored Piles pile test	12	08-Jun-11 A	20-Jun-1...	Abutment West 10A Bored Piles pile test															
Bridge Pile Cap																				
S4-110490	Abutment West 10AWA Pile Cap	18	13-Jun-11 A	04-Jul-11	Abutment West 10AWA Pile Cap															
Bridge Pier/Abutment Wall																				
S4-110510	Abutment East 10AEA Abutment Wall	24	07-May-11 A	21-May-11 A	Abutment East 10AEA Abutment Wall															
S4-110590	Abutment West 10AWA Abutment Wall	24	17-Aug-11	14-Sep-11	Ab															
Bridge Deck																				
S4-110640	Pier 10AP3+ to Pier 10AP4+ Decking, 40.2m	42	30-Nov-10 A	08-Jul-11 A	Pier 10AP3+ to Pier 10AP4+ Decking, 40.2m															
S4-110595	Bridge Bearings 10AB01 to 10AB20, 20 nr.	60	20-Dec-10 A	25-Jul-11	Bridge Bearings 10AB01 to 10AB20, 20 nr.															
S4-110650	Pier 10AP4+ to Pier 10AP5+ Decking, 40.5m	42	19-Feb-11 A	08-Jun-1...	Pier 10AP4+ to Pier 10AP5+ Decking, 40.5m															
S4-110620	Pier 10AP1+ to Pier 10AP2+ Decking, 40.5m	46	02-May-11 A	17-Jun-1...	Pier 10AP1+ to Pier 10AP2+ Decking, 40.5m															
S4-110610	Abut East 10AEA to Pier 10AP1+ Decking, 47.62m	42	07-May-11 A	29-Jun-11	Abut East 10AEA to Pier 10AP1+ Decking, 47.62m															
S4-110660	Pier 10AP5+ to Pier 10AP6+ Decking, 40.5m	42	19-Aug-11	10-Oct-11																
S4-110670	Pier 10AP6+ to Pier AP7+, Decking 40.5m	42	05-Sep-11	26-Oct-11																
Bridge Stressing, Parapets & Noise Barrier																				
S4-110615	Abut 10AEA to Pier 10AP1+, Stressing Stage 1	2	28-Jun-11	29-Jun-11	Abut 10AEA to Pier 10AP1+, Stressing Stage 1															
S4-110625	Pier 10AP1+ to Pier 10AP2+, Stressing Stage 2	2	13-Jul-11	14-Jul-11	Pier 10AP1+ to Pier 10AP2+, Stressing Stage 2															
S4-110635	Pier 10AP2+ to Pier 10AP3+, Stressing Stage 3	2	20-Jul-11	21-Jul-11	Pier 10AP2+ to Pier 10AP3+, Stressing Stage 3															
S4-110645	Pier 10AP3+ to Pier 10AP4+, Stressing Stage 4	2	04-Aug-11	05-Aug-11	Pier 10AP3+ to Pier 10AP4+, Stress															
S4-110655	Pier 10AP4+ to Pier 10AP5+, Stressing Stage 5	2	19-Aug-11	20-Aug-11	Pier 10AP4+ to Pier 10															
S4-110710A	Parapets construction	72	22-Aug-11	16-Nov-11																
New Bridge No. 11A + Noise Barrier																				
Bridge Stressing, Parapets & Noise Barrier																				
S4-120710	Parapets and Noise Barrier Plinth, 2x 27bay x6m	50	01-Apr-11 A	09-Jun-1...	Parapets and Noise Barrier Plinth, 2x 27bay x6m															
S4-120646	Abut 11ANA to 11ASA, Stressing Stages 5,6,7+8	4	26-Apr-11 A	20-Jun-11	Abut 11ANA to 11ASA, Stressing Stages 5,6,7+8															
S4-20110A	NB Type C1+C1a Struct.Steel+Pln, 2x54 bay x3m	36	21-May-11 A	17-Jun-1...	NB Type C1+C1a Struct.Steel+Pln, 2x54 bay x3m															
Bridge Roadworks & Furnitures																				
S4-120820	Finishes and Furnitures	36	20-May-11	02-Jul-11	Finishes and Furnitures															
S4-120830	Bituminous Surfacing	4	28-Jun-11	02-Jul-11	Bituminous Surfacing															
S4-120900	New Bridge No. 11A Completion	0		04-Jul-11	◆ New Bridge No. 11A Completion															
Fill Slope S13 and NB21																				
Noise Barrier NB21																				
S4-200210	NB21 Prebored H Piles, 150 nr, 19 bays NB21/8-26	70	10-Nov-10 A	06-Sep-11	NB21 Pre															
S4-200211	NB21 Prebored H Piles, 56 nr, 7 bay x8nr, NB21/1-7	70	10-Nov-10 A	02-Sep-11	NB21 Prebor															
S4-203210	NB21 Pilecap and plinth, 19 bay, NB21/8-26	75	22-Nov-10 A	25-Jul-11	NB21 Pilecap and plinth, 19 bay, NB21/8-26															
S4-203211	NB21 Pilecap and plinth, 7 bay, NB21/1-7	35	22-Nov-10 A	20-Jun-1...	NB21 Pilecap and plinth, 7 bay, NB21/1-7															
S4-207211	NB21 Structural Steel, 7 bays	24	03-Sep-11	03-Oct-11																
S4-207210A	NB21 Structural Steel, 19 bays	48	16-Sep-11	12-Nov-11																
Cut Slope S11																				
S4-031115B	Cut Slope S11 - drainage/channels	6	20-Jun-11	25-Jun-11	Cut Slope S11 - drainage/channels															
Fill Slope S12																				
S4-031120	Fill Slope S12 (SB)	24	24-Jul-10 A	11-Jul-11	Fill Slope S12 (SB)															
S4-031120A	Fill Slope S12 (SB) - backfilling	18	24-Jul-10 A	29-Jun-11	Fill Slope S12 (SB) - backfilling															

Contract: HY/2008/09

Three Months Rolling Programme

 中國建築工程(香港)有限公司
CHINA STATE CONSTRUCTION ENGRG. (HONG KONG) LTD.

Widening of Tolo Highway / Fanling Highway
Between Island House Interchange and Fanling
(Stage 1 - Between Island House Interchange and Ma Wo)

21 June 11 to 20 Sept. 11

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Activity ID	Activity Name	Original Duration	Start	Finish	2011													
					June					July				August				September
					22	29	05	12	19	26	03	10	17	24	31	07	14	21
Firemain																		
S2-031285	Firemain- excav, pipe install+pit/new hydrants	24	18-Jun-11	16-Jul-11	Firemain- excav, pipe install+pit/new hydrants													
TCSS Works/Other Utilities																		
S2-031290	Utilities +TCSS buried ducts + civil prov. works	24	18-Jun-11	16-Jul-11	Utilities +TCSS buried ducts + civil prov. works													
S2-031295	Power supply cable ducts	18	18-Jun-11	09-Jul-11	Power supply cable ducts													
Roadworks																		
S2-031300	Roadworks- subbase+ subsoil drain+gully connect	24	25-Jul-11	20-Aug-11	Roadworks- subbase+ subsoil drain+gully connect													
S2-031305	Roadworks - base course to friction course	18	15-Aug-11	03-Sep-11	Roadworks - base course to friction course													
S2-031310	Roadworks - road marking + furnitures	9	25-Aug-11	03-Sep-11	Roadworks - road marking + furnitures													
Cut Slope S14																		
No SUB LOCATION																		
S2-031140E	Cut Slope S14- drainage + handrails	48	02-Nov-10 A	13-Jul-11	Cut Slope S14- drainage + handrails													
S2-031140C	Cut Slope S14- excavation, +55 down to +50mpd	42	28-Dec-10 A	08-Jun-11	Cut Slope S14- excavation, +55 down to +50mpd													
S2-031140D	Cut Slope S14- excavation, +50 down to +48mpd	41	18-Feb-11 A	10-Jun-11	Cut Slope S14- excavation, +50 down to +48mpd													
Stage 1B: Northbound- S15-S19, RW31-33, Rd/Dr																		
Retaining Wall W30, W31, W32(Piled), W33																		
Retaining Wall W31,32, 33																		
S2-035325C	RW W31,W32,33 - wall stem + backfill	72	08-Apr-11 A	05-Aug-11	RW W31,W32,33 - wall stem + backfill													
NB: CH2000-2400, L=400m, Road&Drain+Utilities																		
Road Drainage																		
S2-050050	Road Drainage - pipelaying + manhole	35	20-May-11	30-Jun-11	Road Drainage - pipelaying + manhole													
TCSS Works/Other Utilities																		
S2-050065	Utilities+TCSS buried ducts + CPW- SC 23/S23	36	20-May-11	02-Jul-11	Utilities+TCSS buried ducts + CPW- SC 23/S23													
S2-050070	Power supply cable ducts	36	20-May-11	02-Jul-11	Power supply cable ducts													
Roadworks																		
S2-050075	Roadworks- subbase+ subsoil drain+gully connect	48	02-May-11 A	16-Jul-11	Roadworks- subbase+ subsoil drain+gully connect													
S2-050080	Roadworks - base course to friction course	18	10-Jun-11	30-Jun-11	Roadworks - base course to friction course													
S2-050085	Roadworks - road marking + furnitures	12	17-Jun-11	30-Jun-11	Roadworks - road marking + furnitures													
S2-050095	TTA Stage 2A-Divert Traffic to Northbound nr S19	0		02-Jul-11*	♦ TTA Stage 2A-Divert Traffic to Northbound nr S19													
Slope S15, S18, S19																		
Cut Slope S15 (under Sect. 4)																		
S4-031155D	Cut Slope S15- cut + soil nails, to rd lvl +52.5	36	11-Jan-11 A	21-May-11 A	Cut Slope S15- cut + soil nails, to rd lvl +52.5													
S4-031155E	Cut Slope S15 - drainage + hand rails	32	20-Jan-11 A	05-Jul-11	Cut Slope S15 - drainage + hand rails													
Fill Slope S18																		
S2-031185A	Fill Slope S18- backfilling	24	19-Nov-10 A	30-Jun-11	Fill Slope S18- backfilling													
S2-031185B	Fill Slope S18- drainage	12	24-Jun-11	08-Jul-11	Fill Slope S18- drainage													
Cut Slope S19																		
S2-031195D	Cut Slope S19- cut + soil nail, rd lvl, +56mpd	36	06-Jan-11 A	27-Jun-11	Cut Slope S19- cut + soil nail, rd lvl, +56mpd													
S2-031195E	Cut Slope S19- drainage + handrails	31	21-May-11 A	23-Jun-11	Cut Slope S19- drainage + handrails													
Utilities Diversion / Relocation Works																		
HKCG																		
S2-031225A	HKCG- relocation of cathodic pit, CH 2300, NB	14	21-Jun-11	07-Jul-11	HKCG- relocation of cathodic pit, CH 2300, NB													
Stage 2A: Southbound- S17, RW 29-34, NB27-29																		
Noise Barrier NB27, NB29																		
Noise Barrier NB27																		
S2-202275	NB27 Pilecap, 18 bays	36	21-Jan-11 A	25-Jul-11	NB27 Pilecap, 18 bays													
S2-000185E	Ground Investigation - NB27	36	20-May-11	02-Jul-11	Ground Investigation - NB27													
S2-201270	NB27 Prebored H Piles, 146 nr	48	04-Jul-11	27-Aug-11	NB27 Prebored H Piles, 146 nr													
S2-207270	NB27 Structural Steel	24	17-Sep-11	17-Oct-11	NB27 Structural Steel													
Noise Barrier NB29																		
S2-035355	NB29 Footings, L=88m	36	08-Aug-11	19-Sep-11	NB29 Footings, L=88m													
Retaining Wall, W29 & NB27(@W29)																		
Retaining Wall W29A																		
S2-000185D	Ground Investigation - Ret.Wall W29, W34	36	20-May-11	02-Jul-11	Ground Investigation - Ret.Wall W29, W34													
S2-03529A	Bored Pile RW W29A, 24 x 2000-2500dia	60	04-Jul-11	10-Sep-11	Bored Pile RW W29A, 24 x 2000-2500dia													
S2-03529AA	RW W29A, excav + base slab	36	22-Aug-11	04-Oct-11	RW W29A, excav + base slab													
S2-03529AB	RW W29A, wall stem + backfill	36	05-Sep-11	19-Oct-11	RW W29A, wall stem + backfill													
Retaining Wall W29B																		
S2-03529B	RW W29B, Prebored H-Pile 3 bay, 24 nr x 35-36mL	48	02-Jul-11	26-Aug-11	RW W29B, Prebored H-Pile 3 bay, 24 nr x 35-36mL													
S2-03529BA	RW W29B, excav + base slab	20	27-Aug-11	20-Sep-11	RW W29B, excav + base slab													
S2-03529BB	RW W29B, wall stem + backfill	20	08-Sep-11	03-Oct-11	RW W29B, wall stem + backfill													
Retaining Wall W34A/W34B																		
S2-035360	RW W34A, Pre bored H-Pile 10nr, 1 bay	18	02-Jul-11	22-Jul-11	RW W34A, Pre bored H-Pile 10nr, 1 bay													
S2-035375A	RW W34A, excav + base slab	12	23-Jul-11	05-Aug-11	RW W34A, excav + base slab													
S2-035375B	RW W34A, wall stem + backfill	12	06-Aug-11	19-Aug-11	RW W34A, wall stem + backfill													
S2-035365	RW W34B, Bored Pile, 2 x 2000dia	24	30-Aug-11	27-Sep-11	RW W34B, Bored Pile, 2 x 2000dia													
Stage 3: Central Median- NB26, NB29 +Road&Drain																		
CM: NB26 & NB28 L=400m & Road&Drain+Utilities																		
Noise Barrier Foundation Works																		
S2-208295C	TTA - Divert Traffic to SB-S14&B10A	24	17-Aug-11	14-Sep-11	TTA - Divert Traffic to SB-S14&B10A													
S2-208295A	NB26 & NB 28 Footings, 17 bays- temp work+excav	72	15-Sep-11	09-Dec-11	NB26 & NB 28 Footings, 17 bays- temp work+excav													
TCSS Works/Other Utilities																		
S2-2082300	TCSS Sign Gantry G23 - footing	36	15-Sep-11	28-Oct-11	TCSS Sign Gantry G23 - footing													
Stage 2B: Northbound- NB25																		
Noise Barrier NB25																		
No SUB LOCATION																		
S4-203250	NB25 NB Footing and plinth, 3 & 4 mW x 60mL	60	18-Jun-11	27-Aug-11	NB25 NB Footing and plinth, 3 & 4 mW x 60mL													
S4-207250	NB25 Structural Steel	24	29-Aug-11	26-Sep-11	NB25 Structural Steel													
Utilities Diversion / Relocation Works																		

Activity ID	Activity Name	Original Duration	Start	Finish	2011															
					June				July				August				September			
					22	29	05	12	19	26	03	10	17	24	31	07	14	21	28	04
HKCG																				
S4-203250A	HKCG- relocation of cathodic pit, CH 2000, NB	24	18-Jun-11	16-Jul-11																
Z6: TCSS IN PORTION SA11: SECT. 4 WORKS																				
TCSS Works																				
TCSSWorks in Portion SA11																				
No SUB LOCATION																				
S?-100020	Civil+E&M Prov. - G11 new footing	48	20-May-11	16-Jul-11																
S?-100025	Civil+E&M Prov. - G75 mod. + SC11/S11	48	06-Jul-11	30-Aug-11																
S?-100030	Civil+E&M Prov. - P11, footing	24	19-Aug-11	16-Sep-11																
S?-100035	Civil+E&M Prov.- G74 mod.+ SC74/S74+Pillar Box G	48	05-Sep-11	02-Nov-11																

Activity ID	Activity Name	Total Float	Activity % Complete	Original Duration	Start	Finish	Late Start	Late Finish	2010				2011				2012				2013																		
									Q2		Q3		Q4		Q1		Q2		Q3		Q4		Q1		Q2		Q3		Q4										
									2	3	4	5	6	7	8	9	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3
HY/2009/08 TOLO HIGHWAY WIDENING																																							
EXECUTIVE SUMMARY																																							
Design																																							
A1330	Alternative Design		100%	292	29-Mar-10 A	14-Jan-11 A			Alternative Design																														
Construction																																							
Section 1																																							
A1000	SA21 - North Bound	78	0%	653	15-Oct-10 A	08-Apr-13	15-Oct-10	25-Jun-...	SA21 - North Bound																														
A1010	SA21 - South Bound	35	21.57%	814	15-Oct-10 A	22-Feb-13	15-Oct-10	28-Mar-...	SA21 - South Bound																														
A1020	SA21 - Middle Lane	36	0%	155	17-Dec-12	21-May-13	25-Jan-13	25-Jun-...	SA21 - Middle Lane																														
Section 2																																							
A1030	SA22 - North Bound	100	33.81%	1016	26-Feb-10 A	28-Mar-13	26-Feb-10	05-Jul-13	SA22 - North Bound																														
A1040	SA22 - South Bound	-50	20.73%	1037	01-Apr-10 A	24-Aug-13	01-Apr-10	05-Jul-13	SA22 - South Bound																														
A1050	SA22 - Middle Lane	-50	0%	160	18-Mar-13	24-Aug-13	30-Jan-13	05-Jul-13	SA22 - Middle Lane																														
A1060	SA23 - South Bound	265	0%	507	26-May-11	13-Oct-12	12-Jun-12	05-Jul-13	SA23 - South Bound																														
A1070	SA24 - North Bound	59	9.4%	787	25-Aug-10 A	07-May-13	25-Aug-10	05-Jul-13	SA24 - North Bound																														
A1080	SA25 - South Bound	-5	0%	777	20-Oct-10 A	10-Jul-13	20-Oct-10	05-Jul-13	SA25 - South Bound																														
A1090	SA26 - North Bound	0	37.17%	1216	26-Feb-10 A	27-Jun-13	26-Feb-10	28-Jun-...	SA26 - North Bound																														
A1100	SA26 - South Bound	15	37.71%	1216	26-Feb-10 A	21-Jun-13	26-Feb-10	05-Jul-13	SA26 - South Bound																														
Section 3																																							
A1110	SA26A - North Bound	-3	30.71%	1191	26-Feb-10 A	28-Aug-13	26-Feb-10	24-Aug-...	SA26A - North Bound																														
A1120	SA26A - South Bound	54	12.59%	879	26-Feb-10 A	02-Jul-13	26-Feb-10	24-Aug-...	SA26A - South Bound																														
A1130	SA26A - North & South Bound	111	20.14%	612	26-Feb-11 A	25-Sep-12	26-Feb-11	14-Jan-...	SA26A - North & South Bound																														
A1140	SA27 - South Bound	110	48.57%	826	27-Mar-10 A	23-Jul-12	27-Mar-10	10-Nov-...	SA27 - South Bound																														
Section 4																																							
A1150	SA28 - North Bound	-28	32.15%	1216	26-Feb-10 A	27-Aug-13	26-Feb-10	30-Jul-13	SA28 - North Bound																														
A1160	SA28 - South Bound	77	34.49%	1099	23-Jun-10 A	14-May-13	23-Jun-10	30-Jul-13	SA28 - South Bound																														
A1170	SA29 - North Bound	71	20.13%	909	26-Jan-11 A	20-May-13	26-Jan-11	30-Jul-13	SA29 - North Bound																														
A1180	SA32 - Roadside FVMS	368	13.89%	265	26-Mar-11 A	09-Jan-12	26-Mar-11	11-Jan-...	SA32 - Roadside FVMS																														
Section 5																																							
A1190	SA31 - South Bound	0	51.36%	884	26-Feb-10 A	28-Jul-12	26-Feb-10	28-Jul-12	SA31 - South Bound																														
Section 7																																							
A1200	SA41 - Site Office	0	28.72%	1581	26-Feb-10 A	25-Jun-14	26-Feb-10	25-Jun-...	SA41 - Site Office																														
A1210	SA42 - Temporary Contractor's Works Area	0	28.76%	1582	25-Feb-10 A	25-Jun-14	25-Jun-14	25-Jun-...	SA42 - Temporary Contractor's Works Area																														
Section 15 (Subject to Excision, Engineer may instruct within 819 days)																																							
A1220	Validity Period	733	51.89%	819	25-Feb-10 A	22-Jun-12	28-May-13	25-Jun-...	Validity Period																														
A1230	SA30 - North Bound	7	0%	354	25-May-12	13-May-13	25-May-12	20-May-...	SA30 - North Bound																														
A1240	SA30 - South Bound	0	0%	122	06-Dec-12	06-Apr-13	06-Dec-12	06-Apr-13	SA30 - South Bound																														
A1250	SA30 - Middle Lane	0	0%	119	27-Feb-13	25-Jun-13	27-Feb-13	25-Jun-...	SA30 - Middle Lane																														
Section 16 (Subject to Excision, Engineer may instruct within 819 days)																																							
A1260	Validity Period	733	51.89%	819	25-Feb-10 A	22-Jun-12	28-May-13	25-Jun-...	Validity Period																														
A1270	SA30 - North Bound	0	0%	303	24-May-12	22-Mar-13*	24-May-12	22-Mar-...	SA30 - North Bound																														
A1280	SA30 - South Bound	0	0%	190	18-Dec-12	25-Jun-13	18-Dec-12	25-Jun-...	SA30 - South Bound																														
A1290	SA30A - North Bound	0	0%	398	24-May-12	25-Jun-13	24-May-12	25-Jun-...	SA30A - North Bound																														
Section 17 (Subject to Excision, Engineer may instruct within 819 days)																																							
A1300	Validity Period	733	51.89%	819	25-Feb-10 A	22-Jun-12	28-May-13	25-Jun-...	Validity Period																														

Project ID: J3318-UPDATE 2011-05
 Project Name: HY/2009/08 TOLO HIGHWAY WIDENING
 Layout Name: UWP (Submission)
 Data Date: 26-May-11
 Page 1 of 38

- Current Bar
- Level of Effort
- Critical
- Milestone

Highways Department - Contract No. HY/2009/08

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

Updated Works Program, 26th May 2011



Ref.: GCD/J3318/IWP/01 Date: 26 Apr 10

Date	Revision	Chec...	Approved
23-Aug-...	Detailed Works Programme	HT	WY
11-Oct-10	Detailed Works Program...	ZJ	WY
30-Dec-...	Updated Works Program, 2...	ZJ	WY
26-May-...	Updated Works Program, 26...		

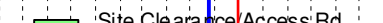


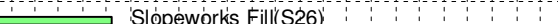
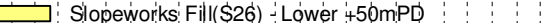
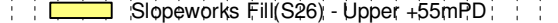
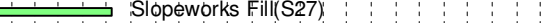
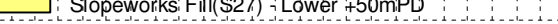
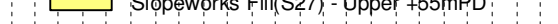


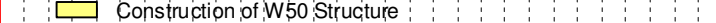

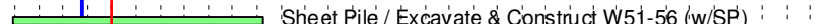


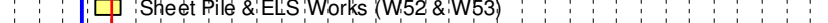

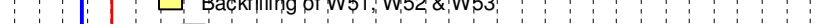
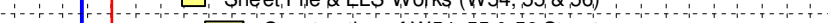

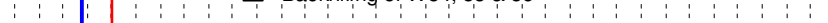





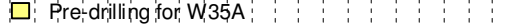

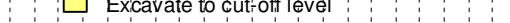




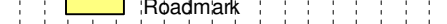
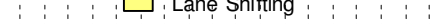
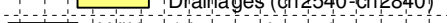
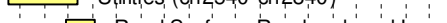
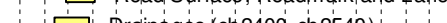
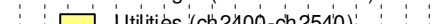

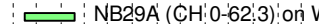
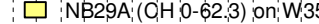
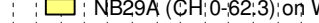
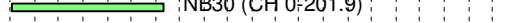
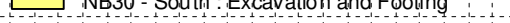
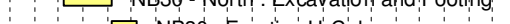
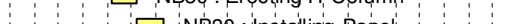

Activity ID	Activity Name	Total Float	Activity % Complete	Original Duration	Start	Finish	Late Start	Late Finish	2010				2011				2012				2013									
									Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4							
									2	3	4	5	6	7	8	9	1	1	1	1	1	1	1	1	1	1	1	1	1	1
PHSA2430	Possession of SA24 for Routine Maintenance (Day180)		100%	0	04-May-10 A		26-Jun-14		◇					◇ Possession of SA24 for Routine Maintenance (Day180)																
PHSA2530	Possession of SA25 for Routine Maintenance (Day270)		100%	0	04-May-10 A		26-Jun-14		◇					◇ Possession of SA25 for Routine Maintenance (Day270)																
PHSA2630	Possession of SA26 for Routine Maintenance (Day0)		100%	0	26-Feb-10 A		26-Jun-14		◇					◇ Possession of SA26 for Routine Maintenance (Day0)																
PHSA26A30	Possession of SA26A for Routine Maintenance (Day0)		100%	0	26-Feb-10 A		26-Jun-14		◇					◇ Possession of SA26A for Routine Maintenance (Day0)																
PHSA2730	Possession of SA27 for Routine Maintenance (Day90)		100%	0	26-Mar-10 A		26-Jun-14		◇					◇ Possession of SA27 for Routine Maintenance (Day90)																
PHSA2830	Possession of SA28 for Routine Maintenance (Day0)		100%	0	26-Feb-10 A		26-Jun-14		◇					◇ Possession of SA28 for Routine Maintenance (Day0)																
PHSA2930	Possession of SA29 for Routine Maintenance (Day270)		100%	0	27-Jul-10 A		26-Jun-14		◇					◇ Possession of SA29 for Routine Maintenance (Day270)																
PHSA3060	Possession of SA30 for Routine Maintenance (Day0)		100%	0	26-Feb-10 A		26-Jun-14		◇					◇ Possession of SA30 for Routine Maintenance (Day0)																
PHSA30A40	Possession of SA30A for Routine Maintenance (Day180)		100%	0	27-Jul-10 A		26-Jun-14		◇					◇ Possession of SA30A for Routine Maintenance (Day180)																
PHSA3130	Possession of SA31 for Routine Maintenance		100%	0	26-Feb-10 A		26-Jun-14		◇					◇ Possession of SA31 for Routine Maintenance																
Section 15 (Subject to Excision and Instruct by Engineer within 819 days)																														
PHSA3010	Earliest Date for Possession of SA30		100%	0	26-Feb-10 A		25-May-12		◇					◇ Earliest Date for Possession of SA30																
PHSA30A10	Earliest Date for Possession of SA30A		100%	0	27-Jul-10 A		26-Jun-14		◇					◇ Earliest Date for Possession of SA30A																
Section 16 (Subject to Excision and Instruct by Engineer within 819 days)																														
PHSA3020	Earliest Date to Possession of SA30		100%	0	26-Feb-10 A		24-May-12		◇					◇ Earliest Date to Possession of SA30																
PHSA30A20	Earliest Date to Possession of SA30A		100%	0	27-Jul-10 A		24-May-12		◇					◇ Earliest Date to Possession of SA30A																
Section 17 (Subject to Excision and Instruct by Engineer within 819 days)																														
PHSA3030	Earliest Date to Possession of SA30		100%	0	26-Feb-10 A		26-Jun-14		◇					◇ Earliest Date to Possession of SA30																
PHSA30A30	Earliest Date to Possession of SA30A		100%	0	27-Jul-10 A		24-May-12		◇					◇ Earliest Date to Possession of SA30A																
Key Dates																														
HDS01000	KD1: Completion of Section 1 - (Day1216)	0	0%	0		25-Jun-13*		25-Jun-...										◇ KD1: Comple												
HDS02000	KD2: Completion of Section 2 - (Day1216)	-50	0%	0		24-Aug-13*		05-Jul-13										◇ KD2: Co												
HDS03000	KD3: Completion of Section 3 - (Day1216)	-2	0%	0		28-Aug-13*		25-Aug-...										◇ KD3: Co												
HDS04000	KD4: Completion of Section 4 - (Day1216)	-28	0%	0		27-Aug-13*		30-Jul-13										◇ KD4: Co												
HDS05000	KD5: Completion of Section 5 - (Day884)	0	0%	0		30-Jul-12*		30-Jul-12										◇ KD5: Completion of Section 5 - (Day884)												
HDS07000	KD7: Completion of Section 7 - (Day1581)	0	0%	0		25-Jun-14*		25-Jun-...																						
HDS08000	KD8: Completion of Section 8 - (Day1581)	0	0%	0		25-Jun-14*		25-Jun-...																						
HDS09000	KD9: Completion of Section 9 - (Day1581)	0	0%	0		25-Jun-14*		25-Jun-...																						
HDS10000	KD10: Completion of Section 10 - (Day1581)	0	0%	0		25-Jun-14*		25-Jun-...																						
HDS11000	KD11: Completion of Section 11 - (Day1581)	0	0%	0		25-Jun-14*		25-Jun-...																						
HDS12000	KD12: Completion of Section 12 - (Day1581)	0	0%	0		25-Jun-14*		25-Jun-...																						
HDS13000	KD13: Completion of Section 13 - (Day1581)	0	0%	0		25-Jun-14*		25-Jun-...																						
HDS14000	KD14: Completion of Section 14 - (Day1581)	0	0%	0		25-Jun-14*		25-Jun-...																						
HDS15000	KD15: Latest Date to Compl of Section 15 - (Day397) Subject to Excis...	0	0%	0		25-Jun-13*		25-Jun-...										◇ KD15: Latest												
HDS16000	KD16: Latest Date to Compl of Section 16 - (Day397) Subjedt to Excis...	0	0%	0		25-Jun-13*		25-Jun-...										◇ KD16: Latest												
HDS17000	KD17: Latest Date to Compl of Section 17 - (Day397) Subject to Excis...	0	0%	0		25-Jun-13*		25-Jun-...										◇ KD17: Latest												
DESIGN SUBMISSION																														
Alternative Design																														
Ground Investigation & Reporting																														
AD000010	Ground Investigation for Alternative Design		100%	54	22-Mar-10 A	29-May-10 A	16-Jun-11	16-Jun-...	■	Ground Investigation for Alternative Design																				
AD000020	Report of Ground Investigation		100%	56	12-Apr-10 A	18-Jun-10 A	16-Jun-11	16-Jun-...	■	Report of Ground Investigation																				
Package AD1: W56B																														
AD000110	AD1 - Design Period		100%	80	29-Mar-10 A	08-Jul-10 A	26-May-11	26-May-...	■	AD1 - Design Period																				
AD000120	AD1 - Full Package to ICE for Certification		100%	20	09-Jul-10 A	31-Jul-10 A	26-May-11	26-May-...	■	AD1 - Full Package to ICE for Certification																				
AD000130	AD1 - Approval by ER/CLIENT/CEDD (GEO)		100%	101	09-Jul-10 A	06-Nov-10 A	26-May-11	26-May-...	■	AD1 - Approval by ER/CLIENT/CEDD (GEO)																				
Package AD2: W57B																														
AD000210	AD2 - Design Period		100%	72	14-Apr-10 A	10-Jul-10 A	22-Apr-14	22-Apr-14	■	AD2 - Design Period																				
AD000220	AD2 - Full Package to ICE for Certification		100%	44	12-Jul-10 A	31-Aug-10 A	25-Jun-14	25-Jun-...	■	AD2 - Full Package to ICE for Certification																				
AD000230	AD2 - Approval by ER/CLIENT/CEDD (GEO)	862	69.19%	172	26-Nov-10 A	28-Jul-11	22-Apr-14	25-Jun-...	■	AD2 - Approval by ER/CLIENT/CEDD (GEO)																				
Package AD3: W69																														
AD000310	AD3 - Design Period		100%	75	03-May-10 A	31-Jul-10 A	13-Jul-11	13-Jul-11	■	AD3 - Design Period																				
AD000320	AD3 - Full Package to ICE for Certification		100%	57	02-Aug-10 A	08-Oct-10 A	13-Jul-11	13-Jul-11	■	AD3 - Full Package to ICE for Certification																				
AD000330	AD3 - Approval by ER/CLIENT/CEDD (GEO)		100%	100	02-Aug-10 A	29-Nov-10 A	13-Jul-11	13-Jul-11	■	AD3 - Approval by ER/CLIENT/CEDD (GEO)																				
Package AD4: W38																														

Activity ID	Activity Name	Total Float	Activity % Complete	Original Duration	Start	Finish	Late Start	Late Finish	2010				2011				2012				2013															
									Q2		Q3		Q4		Q1		Q2		Q3		Q4		Q1		Q2		Q3		Q4							
									2	3	4	5	6	7	8	9	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	3
AD000410	AD4 - Design Period		100%	78	09-Jun-10 A	09-Sep-10 A	16-Jun-11	16-Jun-11	AD4 - Design Period																											
AD000420	AD4 - Full Package to ICE for Certification		100%	18	10-Sep-10 A	09-Nov-10 A	16-Jun-11	16-Jun-11	AD4 - Full Package to ICE for Certification																											
AD000430	AD4 - Approval by ER/CLIENT/CEDD (GEO)		100%	54	11-Nov-10 A	15-Jan-11 A	16-Jun-11	16-Jun-11	AD4 - Approval by ER/CLIENT/CEDD (GEO)																											
Package AD5 (Noise Barrier Foundation): NB38, NB39, NB41 & NB43																																				
AD000510	AD5 - Design Period		100%	98	21-Jul-10 A	22-Oct-10 A	26-Jun-14	26-Jun-14	AD5 - Design Period																											
AD000520	AD5 - Full Package to ICE for Certification		100%	51	23-Oct-10 A	22-Dec-10 A	26-Jun-14	26-Jun-14	AD5 - Full Package to ICE for Certification																											
AD000530	AD5 - Approval by ER/CLIENT/CEDD (GEO)		100%	74	18-Oct-10 A	14-Jan-11 A	26-Jun-14	26-Jun-14	AD5 - Approval by ER/CLIENT/CEDD (GEO)																											
MATERIALS PROCUREMENT																																				
Major Materials (Detail shall refer to supplementary information)																																				
Water Works																																				
MA001010	Place Order		100%	0	31-Aug-10 A		03-Sep-11		◆ Place Order																											
MA001030	Fabrication, Manufacturing & Delivery	100	26.44%	900	31-Aug-10 A	17-Mar-13	03-Sep-11	25-Jun-11	Fabrication, Manufacturing & Delivery																											
Vehicular Parapet SSD161																																				
MA001050	Place Order	91	0%	0	26-May-11		25-Aug-11		◆ Place Order																											
MA001060	Fabrication, Manufacturing & Delivery	91	0%	350	26-May-11	09-May-12	25-Aug-11	08-Aug-11	Fabrication, Manufacturing & Delivery																											
Bearing																																				
MA001070	Place Order		100%	0	31-Jul-10 A		06-Oct-11		◆ Place Order																											
MA001080	Fabrication, Manufacturing & Delivery	133	42.7%	630	31-Jul-10 A	20-May-12	06-Oct-11	30-Sep-11	Fabrication, Manufacturing & Delivery																											
Movement Joint																																				
MA001090	Place Order		100%	0	31-Aug-10 A		17-Apr-12		◆ Place Order																											
MA001100	Fabrication, Manufacturing & Delivery	327	38.39%	620	31-Aug-10 A	10-Jun-12	17-Apr-12	03-May-12	Fabrication, Manufacturing & Delivery																											
CONSTRUCTION PHASE																																				
Preliminaries & General Requirement																																				
Preliminaries																																				
General Submissions																																				
PR000000	Commencement of Works		100%	0	26-Feb-10 A		30-Mar-11		◆ Commencement of Works																											
PR001000	Site Establishment		100%	90	26-Feb-10 A	25-May-10 A	18-Apr-11	18-Apr-11	◆ Site Establishment																											
PR001010	Effect required Insurances		100%	0	26-Feb-10 A		18-Apr-11		◆ Effect required Insurances																											
PR001030	Erect Contractor's Office Compound		100%	69	26-Feb-10 A	04-May-10 A	18-Apr-11	18-Apr-11	◆ Erect Contractor's Office Compound																											
PR001040	Submit Site Organization Chart		100%	14	26-Feb-10 A	10-Mar-10 A	18-Apr-11	18-Apr-11	◆ Submit Site Organization Chart																											
PR001050	Submit Site Layout Plan		100%	7	26-Feb-10 A	03-Mar-10 A	18-Apr-11	18-Apr-11	◆ Submit Site Layout Plan																											
PR001060	Prepare/Submit Initial Works Programme		100%	7	26-Feb-10 A	03-Mar-10 A	18-Apr-11	18-Apr-11	◆ Prepare/Submit Initial Works Programme																											
PR001070	Approval on Initial Works Programme		100%	30	04-Mar-10 A	02-Apr-10 A	18-Apr-11	18-Apr-11	◆ Approval on Initial Works Programme																											
PR001080	Prepare/Submit Detailed Works Programme		100%	58	03-Apr-10 A	30-May-10 A	18-Apr-11	18-Apr-11	◆ Prepare/Submit Detailed Works Programme																											
PR001090	Prepare/Submit First 3-month Programme		100%	14	26-Feb-10 A	10-Mar-10 A	18-Apr-11	18-Apr-11	◆ Prepare/Submit First 3-month Programme																											
PR001100	Submit initial 12-month Pgr for Rou. Maint. Work		100%	14	26-Feb-10 A	10-Mar-10 A	18-Apr-11	18-Apr-11	◆ Submit initial 12-month Pgr for Rou. Maint. Work																											
PR001110	Submit Rolling 3month Routine Maint. Program		100%	14	26-Feb-10 A	10-Mar-10 A	18-Apr-11	18-Apr-11	◆ Submit Rolling 3month Routine Maint. Program																											
PR001170	Prepare/Submit Subcon Management Plan (SMP)		100%	30	26-Feb-10 A	26-Mar-10 A	18-Apr-11	18-Apr-11	◆ Prepare/Submit Subcon Management Plan (SMP)																											
PR001200	Submit Interface Management Plan		100%	60	26-Feb-10 A	25-Apr-10 A	18-Apr-11	18-Apr-11	◆ Submit Interface Management Plan																											
PR001242	Application of Expressway Permit		100%	7	26-Feb-10 A	03-Mar-10 A	18-Apr-11	18-Apr-11	◆ Application of Expressway Permit																											
PR001244	Approval of Expressway Permit		100%	21	04-Mar-10 A	24-Mar-10 A	18-Apr-11	18-Apr-11	◆ Approval of Expressway Permit																											
PR001246	Issurance of Excavation Permit form Hyd		100%	7	26-Feb-10 A	03-Mar-10 A	18-Apr-11	18-Apr-11	◆ Issurance of Excavation Permit form Hyd																											
PR001256	Complete All General Submission		100%	0		30-May-10 A		18-Apr-11	◆ Complete All General Submission																											
Technical Submission																																				
PR001250	Submit Draft Traffic Management Contingency		100%	45	26-Feb-10 A	10-Apr-10 A	05-Jun-12	05-Jun-12	◆ Submit Draft Traffic Management Contingency																											
PR001260	Submit Sch of Const Seq/TTA in Prin Agreement		100%	14	26-Feb-10 A	10-Mar-10 A	05-Jun-12	05-Jun-12	◆ Submit Sch of Const Seq/TTA in Prin Agreement																											
PR001270	Submit TIA/TTA to ER, TD, HKPF etc for Approval		100%	60	26-Feb-10 A	25-Apr-10 A	05-Jun-12	05-Jun-12	◆ Submit TIA/TTA to ER, TD, HKPF etc for Approval																											
PR001280	Prepare/Submit Sch of Util Arrangement		100%	60	26-Feb-10 A	25-Apr-10 A	05-Jun-12	05-Jun-12	◆ Prepare/Submit Sch of Util Arrangement																											
PR001290	Prepare/Submit Conc Mix Design and Trial Test		100%	70	26-Feb-10 A	05-May-10 A	05-Jun-12	05-Jun-12	◆ Prepare/Submit Conc Mix Design and Trial Test																											
PR001300	Perform Slope / Topographic Survey		100%	95	26-Feb-10 A	30-May-10 A	27-Jul-11	27-Jul-11	◆ Perform Slope / Topographic Survey																											
PR001310	Perform Natural Terrain Survey	62	57.5%	200	01-Jan-11 A	18-Aug-11	27-Jul-11	19-Oct-11	◆ Perform Natural Terrain Survey																											
PR001320	Perform Tree Survey		100%	125	26-Feb-10 A	29-Jun-10 A	11-Aug-11	11-Aug-11	◆ Perform Tree Survey																											
PR001330	Perform Existing Structural Survey		100%	95	26-Feb-10 A	30-May-10 A	05-Jun-12	05-Jun-12	◆ Perform Existing Structural Survey																											

Activity ID	Activity Name	Total Float	Activity % Complete	Original Duration	Start	Finish	Late Start	Late Finish	2010				2011				2012				2013											
									Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4									
									2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
PR001340	Install Geotechnical Instrumentation		100%	90	26-Feb-10 A	25-May-10 A	05-Jun-12	05-Jun-12	Install Geotechnical Instrumentation																							
PR001350	Design for Temporary Noise Barrier		100%	120	26-Feb-10 A	24-Jun-10 A	05-Jun-12	05-Jun-12	Design for Temporary Noise Barrier																							
PR001360	Approval for Temporary Noise Barrier		100%	30	26-Jun-10 A	24-Jul-10 A	05-Jun-12	05-Jun-12	Approval for Temporary Noise Barrier																							
PR001370	Design for Irrigation System		100%	150	26-Feb-10 A	24-Jul-10 A	05-Jun-12	05-Jun-12	Design for Irrigation System																							
PR001380	Approval for Irrigation System		100%	24	26-Feb-11 A	21-Mar-11 A	05-Jun-12	05-Jun-12	Approval for Irrigation System																							
PR001385	Detail review of the natural terrain hazard assessment by GEO	62	0%	180	19-Aug-11	14-Feb-12	20-Oct-11	16-Apr-12	Detail review of the natural terrain hazard assessment by GEO																							
PR001390	Design for Permanent Debris Catch Fence	62	0%	180	19-Aug-11	14-Feb-12	20-Oct-11	16-Apr-12	Design for Permanent Debris Catch Fence																							
PR001400	Approval for Debris Catch Fence System Design	62	0%	30	15-Feb-12	15-Mar-12	17-Apr-12	16-May-12	Approval for Debris Catch Fence System Design																							
PR001410	Temporary Works Design		100%	200	26-Feb-10 A	12-Sep-10 A	05-Jun-12	05-Jun-12	Temporary Works Design																							
PR001420	Complete All Technical Submission	82	0%	0		15-Mar-12		05-Jun-12	Complete All Technical Submission																							
Specialist Consultants																																
PR001220	Nominate/Submit Horticulturist for Approval		100%	45	26-Feb-10 A	10-Apr-10 A	18-Apr-11	18-Apr-11	Nominate/Submit Horticulturist for Approval																							
PR001230	Nominate/Submit IIC (Highway Structures)		100%	45	26-Feb-10 A	10-Apr-10 A	18-Apr-11	18-Apr-11	Nominate/Submit IIC (Highway Structures)																							
PR001240	Nominate/Submit Traffic Consultant for Approval		100%	7	26-Feb-10 A	03-Mar-10 A	18-Apr-11	18-Apr-11	Nominate/Submit Traffic Consultant for Approval																							
PR001440	Complete Engagement of Specialist Consultants		100%	0		10-Apr-10 A		26-Jun-12	Complete Engagement of Specialist Consultants																							
QSHE Submission																																
PR001120	Prepare/Submit Quality Plan		100%	28	26-Feb-10 A	24-Mar-10 A	26-Jun-14	26-Jun-14	Prepare/Submit Quality Plan																							
PR001130	Prepare/Submit Draft Health & Safety Plan		100%	14	26-Feb-10 A	10-Mar-10 A	26-Jun-14	26-Jun-14	Prepare/Submit Draft Health & Safety Plan																							
PR001140	Prepare/Submit Final Health & Safety Plan		100%	35	26-Feb-10 A	31-Mar-10 A	26-Jun-14	26-Jun-14	Prepare/Submit Final Health & Safety Plan																							
PR001150	Prepare/Submit Draft Env Management Plan		100%	21	26-Feb-10 A	17-Mar-10 A	26-Jun-14	26-Jun-14	Prepare/Submit Draft Env Management Plan																							
PR001160	Prepare/Submit Final Env Management Plan		100%	45	26-Feb-10 A	10-Apr-10 A	26-Jun-14	26-Jun-14	Prepare/Submit Final Env Management Plan																							
PR001180	Submit Site Management Plan for Trip Ticket Sys		100%	45	26-Feb-10 A	10-Apr-10 A	26-Jun-14	26-Jun-14	Submit Site Management Plan for Trip Ticket Sys																							
PR001430	Complete All QSHE Submission		100%	0		10-Apr-10 A		26-Jun-14	Complete All QSHE Submission																							
Variation Orders																																
VO000010	VO. 1: Revised layout of Piles, NLKP5		100%	0	17-Jun-10 A		08-Jun-12		VO. 1: Revised layout of Piles, NLKP5																							
VO000020	VO. 2: Fencing Details Along Site Boundaries of SA29		100%	0	20-Aug-10 A		22-Mar-12		VO. 2: Fencing Details Along Site Boundaries of SA29																							
VO000030	VO. 3: Existing Bridge 12 Pilecap Concrete Testing (P5/6/8)		100%	0	17-Sep-10 A		20-Jun-11		VO. 3: Existing Bridge 12 Pilecap Concrete Testing (P5/6/8)																							
VO000040	VO. 4: Revised Setting Out Plan of Slip Road W in SA28 & SA31		100%	0	15-Sep-10 A		26-Apr-11		VO. 4: Revised Setting Out Plan of Slip Road W in SA28 & SA31																							
VO000050	VO. 5: Revised Setting Out Plan of Slip Road W in Site Area SA30		100%	0	15-Sep-10 A		06-Dec-12		VO. 5: Revised Setting Out Plan of Slip Road W in Site Area SA30																							
VO000060	VO. 6: Bridge 15A Pilecap Sleeving Details		100%	0	19-Oct-10 A		20-Aug-12		VO. 6: Bridge 15A Pilecap Sleeving Details																							
Section 1																																
Site Area SA21																																
PHSA2120	Possession of SA21 (Day141)		100%	0	16-Jul-10 A		16-Jun-11		Possession of SA21 (Day141)																							
SA210000	Site Area SA21 Works Period	0	29.18%	1076	16-Jul-10 A	25-Jun-13	16-Jul-10	25-Jun-13	Site Area SA21 Works Period																							
SA210010	Site Area SA21 Works Completion	0	0%	0		25-Jun-13*		25-Jun-13	Site Area SA21 Works Completion																							
SA210020	Temporary Traffic Management (Detail shall refer to supplementary information)	0	29.13%	872	16-Jul-10 A	25-Jun-13	16-Jul-10	25-Jun-13	Temporary Traffic Management (Detail shall refer to supplementary information)																							
SA210030	Overall Utilities Diversion (Detail shall refer to supplementary informati...	0	29.13%	872	16-Jul-10 A	25-Jun-13	16-Jul-10	25-Jun-13	Overall Utilities Diversion (Detail shall refer to supplementary informati...																							
North Bound																																
Preliminaries																																
S21N0000	Site Clearance/Access Rd & acquisition of Sub-con		100%	63	15-Oct-10 A	30-Dec-10 A	16-Jun-11	16-Jun-11	Site Clearance/Access Rd & acquisition of Sub-con																							
Slopeworks																																
S21N5000	Slopeworks Fill(S21)	154	0%	72	16-Nov-11	14-Feb-12	26-May-12	21-Aug-12	Slopeworks Fill(S21)																							
S21N5010	U-Channel and Berm	154	0%	32	15-Feb-12	22-Mar-12	22-Aug-12	27-Sep-12	U-Channel and Berm																							
S21N5100	Slopeworks Cut(S22)	90	18.8%	266	17-Feb-11 A	14-Feb-12	17-Feb-11	05-Jun-12	Slopeworks Cut(S22)																							
S21N5110	Slopeworks Cut (S22) - Stage 1 (Upper +59mPD)	90	50%	74	17-Feb-11 A	09-Jul-11	10-Sep-11	26-Oct-11	Slopeworks Cut (S22) - Stage 1 (Upper +59mPD)																							
S21N5120	Slopeworks Cut (S22) - Stage 2 (Middle +57mPD)	90	0%	72	26-May-11	19-Aug-11	10-Sep-11	06-Dec-11	Slopeworks Cut (S22) - Stage 2 (Middle +57mPD)																							
S21N5130	Slopeworks Cut (S22) - Stage 3 (Lower +55mPD)	90	0%	72	20-Aug-11	15-Nov-11	07-Dec-11	06-Mar-12	Slopeworks Cut (S22) - Stage 3 (Lower +55mPD)																							
S21N5140	U-Channel and Berm	90	0%	36	16-Nov-11	29-Dec-11	07-Mar-12	21-Apr-12	U-Channel and Berm																							
S21N5150	Shotcreting/Plantation	90	0%	36	30-Dec-11	14-Feb-12	23-Apr-12	05-Jun-12	Shotcreting/Plantation																							
S21N5200	Slopeworks Fill(S24)	47	0%	110	19-Jul-11	28-Nov-11	12-Sep-11	27-Jan-12	Slopeworks Fill(S24)																							
S21N5210	Slopeworks Fill(S24) - Stage 1 (Lower +49mPD)	47	0%	55	19-Jul-11	22-Sep-11	12-Sep-11	17-Nov-11	Slopeworks Fill(S24) - Stage 1 (Lower +49mPD)																							
S21N5220	Slopeworks Fill(S24) - Stage 2 (Upper +52mPD)	47	0%	55	22-Sep-11	28-Nov-11	18-Nov-11	27-Jan-12	Slopeworks Fill(S24) - Stage 2 (Upper +52mPD)																							
S21N5800	Debris Catcher Fence and NTHA Protective Measures (Area 2A-3) (Provision Item)	64	0%	96	16-Mar-12	14-Jul-12	06-Jun-12	27-Sep-12	Debris Catcher Fence and NTHA Protective Measures (Area 2A-3) (Provision Item)																							
S21N5810	Access Rock to Hazard Rock Areas	64	0%	30	16-Mar-12	24-Apr-12	06-Jun-12	12-Jul-12	Access Rock to Hazard Rock Areas																							
S21N5820	Installation of Rock Fall Fence	64	0%	66	25-Apr-12	14-Jul-12	13-Jul-12	27-Sep-12	Installation of Rock Fall Fence																							

Activity ID	Activity Name	Total Float	Activity % Complete	Original Duration	Start	Finish	Late Start	Late Finish	2010				2011				2012				2013														
									Q2		Q3		Q4		Q1		Q2		Q3		Q4		Q1		Q2		Q3		Q4						
									2	3	4	5	6	7	8	9	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3
Extension of Culverts																																			
S21N1000	Extension of Box Culvert (N581)		100%	148	08-Nov-10 A	21-Mar-11 A			Extension of Box Culvert (N581)																										
S21N1010	Temporary Water Diversion		100%	23	08-Nov-10 A	11-Dec-10 A	09-Jul-11	09-Jul-11	Temporary Water Diversion																										
S21N1020	Construction of Base Slab		100%	75	13-Dec-10 A	02-Mar-11 A	09-Jul-11	09-Jul-11	Construction of Base Slab																										
S21N1030	Construction of Wall Stem		100%	50	13-Dec-10 A	21-Mar-11 A	09-Jul-11	09-Jul-11	Construction of Wall Stem																										
S21N1040	Construction of Top Slab		100%	45	19-Jan-11 A	21-Mar-11 A	09-Jul-11	09-Jul-11	Construction of Top Slab																										
S21N1050	Extension of Box Culvert (TP9)	143	49.23%	261	26-Mar-11 A	02-Nov-11	26-Mar-11	27-Apr-12	Extension of Box Culvert (TP9)																										
S21N1060	Temporary Water Diversion		100%	16	26-Mar-11 A	15-Apr-11 A	09-Jul-11	09-Jul-11	Temporary Water Diversion																										
S21N1070	Construction of Base Slab	37	50%	75	08-Apr-11 A	11-Jul-11	09-Jul-11	22-Aug...	Construction of Base Slab																										
S21N1080	Construction of Wall Stem	37	0%	50	11-Jul-11	07-Sep-11	23-Aug-11	22-Oct-11	Construction of Wall Stem																										
S21N1090	Construction of Top Slab	143	0%	45	07-Sep-11	02-Nov-11	02-Mar-12	27-Apr-12	Construction of Top Slab																										
Construction of Retaining Wall																																			
Retaining Wall W35																																			
S21N2000	Sheet Pile/Excavate & Construct W35	80	16.98%	53	26-Mar-11 A	18-Jul-11	26-Mar-11	22-Oct-11	Sheet Pile/Excavate & Construct W35																										
S21N2010	Opencut excavation	80	60%	18	26-Mar-11 A	03-Jun-11	30-Aug-11	07-Sep...	Opencut excavation																										
S21N2020	Construction of W35 Structure	80	0%	30	26-May-11	30-Jun-11	30-Aug-11	06-Oct-11	Construction of W35 Structure																										
S21N2030	Backfilling	80	0%	14	02-Jul-11	18-Jul-11	07-Oct-11	22-Oct-11	Backfilling																										
Retaining Wall W36 (w/SP)																																			
S21N2100	Sheet Pile/Excavate & Construct W36 (w/SP)	37	0%	85	07-Sep-11	19-Dec-11	24-Oct-11	06-Feb...	Sheet Pile/Excavate & Construct W36 (w/SP)																										
S21N2110	Opencut excavation	37	0%	12	07-Sep-11	22-Sep-11	24-Oct-11	05-Nov...	Opencut excavation																										
S21N2120	Construction of W36 Structure	37	0%	50	22-Sep-11	22-Nov-11	07-Nov-11	06-Jan...	Construction of W36 Structure																										
S21N2130	Backfilling	37	0%	23	22-Nov-11	19-Dec-11	07-Jan-12	06-Feb...	Backfilling																										
Retaining Wall W38 (AD)																																			
S21N2210	Pre-drilling		100%	24	26-Feb-11 A	25-Mar-11 A	16-Jun-11	16-Jun...	Pre-drilling																										
S21N2220	Prepare Piling Platform for W38		100%	30	26-Feb-11 A	01-Apr-11 A	16-Jun-11	16-Jun...	Prepare Piling Platform for W38																										
S21N2230	Pile for W38 (2 rig)	21	52.48%	141	26-Mar-11 A	13-Aug-11	26-Mar-11	07-Sep...	Pile for W38 (2 rig)																										
S21N2231	Installation of Piles - Stage 1 (CH2465-2545)	18	60%	69	26-Mar-11 A	28-Jun-11	16-Jun-11	20-Jul-11	Installation of Piles - Stage 1 (CH2465-2545)																										
S21N2232	Installation of Piles - Stage 2 (Remain)	21	45.28%	72	12-Apr-11 A	13-Aug-11	23-Jul-11	07-Sep...	Installation of Piles - Stage 2 (Remain)																										
S21N2240	Retaining Wall & Drainage W38	18	0%	230	28-Jun-11	03-Apr-12	20-Jul-11	27-Apr-12	Retaining Wall & Drainage W38																										
S21N2242	Excavation and Testing of Tension Piles - Stage 1 (CH2465-2545)	18	0%	68	28-Jun-11	17-Sep-11	20-Jul-11	11-Oct-11	Excavation and Testing of Tension Piles - Stage 1 (CH2465-2545)																										
S21N2244	Construction of Base Slab - Stage 1 (CH2465-2545)	31	0%	58	19-Sep-11	26-Nov-11	27-Oct-11	05-Jan...	Construction of Base Slab - Stage 1 (CH2465-2545)																										
S21N2245	Construction of Wall Stem - Stage 1 (CH2465-2545)	31	0%	24	28-Nov-11	24-Dec-11	06-Jan-12	06-Feb...	Construction of Wall Stem - Stage 1 (CH2465-2545)																										
S21N2248	Construction of Drainage & Backfill - Stage 1 (CH2465-2545)	31	0%	66	28-Dec-11	17-Mar-12	07-Feb-12	27-Apr-12	Construction of Drainage & Backfill - Stage 1 (CH2465-2545)																										
S21N2250	Excavation and Testing of Tension Piles - Stage 2 (Remain)	18	0%	46	19-Sep-11	12-Nov-11	11-Oct-11	03-Dec...	Excavation and Testing of Tension Piles - Stage 2 (Remain)																										
S21N2252	Construction of Base Slab - Stage 2 (Remain)	18	0%	30	14-Nov-11	17-Dec-11	03-Dec-11	11-Jan...	Construction of Base Slab - Stage 2 (Remain)																										
S21N2254	Construction of Wall Stem - Stage 2 (Remain)	18	0%	55	19-Dec-11	28-Feb-12	11-Jan-12	19-Mar...	Construction of Wall Stem - Stage 2 (Remain)																										
S21N2256	Construction of Drainage & Backfill - Stage 2 (Remain)	18	0%	30	28-Feb-12	03-Apr-12	20-Mar-12	27-Apr-12	Construction of Drainage & Backfill - Stage 2 (Remain)																										
Retaining Wall W39 (w/SP)																																			
S21N2302	Clearing & Prepare Piling Platform & Pre-drilling for W39	21	0%	10	15-Aug-11	26-Aug-11	07-Sep-11	20-Sep...	Clearing & Prepare Piling Platform & Pre-drilling for W39																										
S21N2304	Piling Works	47	0%	36	26-Aug-11	11-Oct-11	24-Oct-11	03-Dec...	Piling Works																										
S21N2306	Sheet Pile/Excavate & Construct W39	47	0%	41	11-Oct-11	28-Nov-11	05-Dec-11	27-Jan...	Sheet Pile/Excavate & Construct W39																										
S21N2307	Opencut Excavation	47	0%	7	11-Oct-11	19-Oct-11	05-Dec-11	12-Dec...	Opencut Excavation																										
S21N2308	Construction of W39 Structure	47	0%	24	19-Oct-11	16-Nov-11	13-Dec-11	12-Jan...	Construction of W39 Structure																										
S21N2309	Backfilling	47	0%	10	16-Nov-11	28-Nov-11	13-Jan-12	27-Jan...	Backfilling																										
Retaining Wall W40 (w/SP)																																			
S21N2312	Clearing & Prepare Piling Platform & Pre-drilling for W40	21	0%	12	26-Aug-11	08-Sep-11	21-Sep-11	06-Oct-11	Clearing & Prepare Piling Platform & Pre-drilling for W40																										
S21N2314	Piles for W40	32	0%	17	08-Sep-11	29-Sep-11	20-Oct-11	08-Nov...	Piles for W40																										
S21N2316	Sheet Pile/Excavate & Construct W40	32	0%	27	29-Sep-11	02-Nov-11	09-Nov-11	09-Dec...	Sheet Pile/Excavate & Construct W40																										
Retaining Wall W44 (SHP)																																			
S21N2322	Clearing & Prepare Piling Platform & Pre-drilling for W44	21	0%	21	26-Aug-11	21-Sep-11	21-Sep-11	17-Oct-11	Clearing & Prepare Piling Platform & Pre-drilling for W44																										
S21N2324	Piles for W44	21	0%	22	21-Sep-11	19-Oct-11	18-Oct-11	11-Nov...	Piles for W44																										
S21N2326	Sheet Pile/Excavate & Construct W44	21	0%	24	19-Oct-11	16-Nov-11	12-Nov-11	09-Dec...	Sheet Pile/Excavate & Construct W44																										
Retaining Wall W41A (w/SP)																																			
S21N2400	Sheet Pile/Excavate & Construct W41A(w/SP)	74	0%	72	11-Jul-11	06-Oct-11	03-Sep-11	03-Jan...	Sheet Pile/Excavate & Construct W41A(w/SP)																										
S21N2410	Opencut Excavation	47	0%	7	11-Jul-11	19-Jul-11	03-Sep-11	10-Sep...	Opencut Excavation																										
S21N2420	Construction of W41A Structure	74	0%	47	19-Jul-11	12-Sep-11	17-Oct-11	09-Dec...	Construction of W41A Structure																										
S21N2430	Backfilling	74	0%	18	12-Sep-11	06-Oct-11	10-Dec-11	03-Jan...	Backfilling																										
Retaining Wall W41B (w/SP)																																			

Activity ID	Activity Name	Total Float	Activity % Complete	Original Duration	Start	Finish	Late Start	Late Finish	2010				2011				2012				2013											
									Q2		Q3		Q4		Q1		Q2		Q3		Q4		Q1		Q2		Q3		Q4			
									2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
S21N2618	Sheet Pile/Excavate & Construct W41B	75	0%	71	11-Jul-11	04-Oct-11	03-Sep-11	03-Jan-...	Sheet Pile/Excavate & Construct W41B																							
S21N2628	Opencut Excavation	47	0%	7	11-Jul-11	19-Jul-11	03-Sep-11	10-Sep-...	Opencut Excavation																							
S21N2648	Construction of W41B Structure	75	0%	47	19-Jul-11	12-Sep-11	18-Oct-11	10-Dec-...	Construction of W41B Structure																							
S21N2658	Backfilling	75	0%	17	12-Sep-11	04-Oct-11	12-Dec-11	03-Jan-...	Backfilling																							
Retaining Wall W45-48/A (w/SP)																																
S21N2500	Sheet Pile/Excavate & Construct W45-48/A (w/SP)	50	0%	107	19-Jul-11	24-Nov-11	12-Sep-11	27-Jan-...	Sheet Pile/Excavate & Construct W45-48/A (w/SP)																							
S21N2510	Opencut Excavation (W45 & W46)	47	0%	17	19-Jul-11	08-Aug-11	12-Sep-11	03-Oct-11	Opencut Excavation (W45 & W46)																							
S21N2520	Opencut Excavation (W47, W48, W48A)	53	50%	17	11-Mar-11 A	17-Aug-11	12-Oct-11	21-Oct-11	Opencut Excavation (W47, W48, W48A)																							
S21N2530	Construction of RW Structure (W47)	53	0%	60	18-Aug-11	29-Oct-11	22-Oct-11	03-Jan-...	Construction of RW Structure (W47)																							
S21N2540	Construction of RW Structure (W48)	80	45%	60	01-Apr-11 A	26-Sep-11	23-Nov-11	03-Jan-...	Construction of RW Structure (W48)																							
S21N2550	Construction of RW Structure (W48A)		100%	60	01-Apr-11 A	06-May-11 A	04-Jan-12	04-Jan-...	Construction of RW Structure (W48A)																							
S21N2560	Backfilling W47, W48 & W48A	53	0%	18	31-Oct-11	19-Nov-11	04-Jan-12	27-Jan-...	Backfilling W47, W48 & W48A																							
S21N2570	Construction of RW Structure (W45)	50	0%	36	08-Aug-11	20-Sep-11	08-Oct-11	18-Nov-...	Construction of RW Structure (W45)																							
S21N2580	Construction of RW Structure (W46)	50	0%	36	20-Sep-11	03-Nov-11	19-Nov-11	03-Jan-...	Construction of RW Structure (W46)																							
S21N2590	Backfilling W45 & W46	50	0%	18	03-Nov-11	24-Nov-11	04-Jan-12	27-Jan-...	Backfilling W45 & W46																							
Retaining Wall W49																																
S21N2604	Clearing & Prepare Piling Platform & Pre-drilling for W49		100%	24	20-Nov-10 A	24-Feb-11 A	20-Jul-11	20-Jul-11	Clearing & Prepare Piling Platform & Pre-drilling for W49																							
S21N2606	Piles for W49	45	0%	120	26-May-11	18-Oct-11	20-Jul-11	09-Dec-...	Piles for W49																							
S21N2607	Piling for Bay 1	45	0%	24	26-May-11	23-Jun-11	20-Jul-11	16-Aug-...	Piling for Bay 1																							
S21N2608	Piling for Bay 2 & 3	45	0%	48	24-Jun-11	19-Aug-11	17-Aug-11	14-Oct-11	Piling for Bay 2 & 3																							
S21N2609	Piling for Bay 4 & 5	45	0%	48	20-Aug-11	18-Oct-11	15-Oct-11	09-Dec-...	Piling for Bay 4 & 5																							
S21N2610	Sheet Pile/Excavate & Construct W49	45	0%	96	25-Nov-10 A	18-Oct-11	25-Nov-10	09-Dec-...	Sheet Pile/Excavate & Construct W49																							
S21N2620	Opencut Excavation	56	80%	18	25-Nov-10 A	30-May-11	02-Aug-11	05-Aug-...	Opencut Excavation																							
S21N2630	Construction of W49 Structure	56	80%	36	01-Dec-10 A	08-Jun-11	05-Aug-11	13-Aug-...	Construction of W49 Structure																							
S21N2640	Backfilling	45	0%	15	29-Sep-11	18-Oct-11	23-Nov-11	09-Dec-...	Backfilling																							
Roadworks, Drainage & Utilities																																
S21N4000	Roadworks, Drainages & Utilities (Stage 1 Retaining wall W39-W49)	21	0%	132	16-Nov-11	30-Apr-12	10-Dec-11	24-May-...	Roadworks, Drainages & Utilities (Stage 1 Retain																							
S21N4010	Road Surface (W39-w49)(ch2600-ch2820)	21	0%	60	30-Dec-11	14-Mar-12	28-Jan-12	11-Apr-12	Road Surface (W39-w49)(ch2600-ch2820)																							
S21N4015	Roadmark (W39-W49) (ch2600-ch2820)	21	0%	36	14-Mar-12	30-Apr-12	12-Apr-12	24-May-...	Roadmark (W39-W49) (ch2600-ch2820)																							
S21N4020	Drainages (W39-W49) (ch2600-ch2820)	21	0%	60	16-Nov-11	01-Feb-12	10-Dec-11	24-Feb-...	Drainages (W39-W49) (ch2600-ch2820)																							
S21N4030	Utilities (W39-W49) (ch2600-ch2820)	21	0%	60	30-Dec-11	14-Mar-12	28-Jan-12	11-Apr-12	Utilities (W39-W49) (ch2600-ch2820)																							
S21N4110	Roadworks, Drainages & Utilities (Stage 2 Retaining wall W36-W38)	21	0%	166	18-Nov-11	13-Jun-12	04-Jan-12	09-Jul-12	Roadworks, Drainages & Utilities (Stage 2 Re																							
S21N4120	Drainages (W36-W38) (ch2400-ch2600)	37	0%	50	18-Nov-11	19-Jan-12	04-Jan-12	05-Mar-...	Drainages (W36-W38) (ch2400-ch2600)																							
S21N4130	Utilities (W36-W38) (ch2400-ch2600)	37	0%	50	16-Dec-11	20-Feb-12	04-Feb-12	02-Apr-12	Utilities (W36-W38) (ch2400-ch2600)																							
S21N4140	Road Surface (W36-W38) (ch2400-ch2600)	18	0%	50	04-Feb-12	03-Apr-12	25-Feb-12	27-Apr-12	Road Surface (W36-W38) (ch2400-ch2600)																							
S21N4150	Roadmark (W36-W38) (ch2400-ch2600)	21	0%	36	30-Apr-12	13-Jun-12	25-May-12	09-Jul-12	Roadmark (W36-W38) (ch2400-ch2600)																							
Noise Barriers & Road Barriers																																
S21N3010	NB31 (CH 0-183.6, W39 - W49)	94	0%	90	28-Nov-11	19-Mar-12	23-Mar-12	14-Jul-12	NB31 (CH 0-183.6, W39 - W49)																							
S21N3060	NB31 : Excavation and Footing	94	0%	50	28-Nov-11	01-Feb-12	23-Mar-12	25-May-...	NB31 : Excavation and Footing																							
S21N3080	NB31 : Erecting H-Column	94	0%	20	01-Feb-12	24-Feb-12	26-May-12	19-Jun-...	NB31 : Erecting H-Column																							
S21N3090	NB31 (CH 90-183.6) : Installing Panel	94	0%	20	24-Feb-12	19-Mar-12	20-Jun-12	14-Jul-12	NB31 (CH 90-183.6) : Installing Panel																							
S21N3100	Beam Barrier	18	0%	58	03-Apr-12	16-Jun-12	28-Apr-12	09-Jul-12	Beam Barrier																							
S21N3110	Installing Column	18	0%	35	03-Apr-12	19-May-12	28-Apr-12	09-Jun-...	Installing Column																							
S21N3120	Installing M-Beam	18	0%	23	19-May-12	16-Jun-12	11-Jun-12	09-Jul-12	Installing M-Beam																							
Traffic Control & Surveillance System																																
S21N4800	TCSS (Stage 1 W39-W49)	33	0%	405	30-Dec-11	16-May-13	04-Feb-12	25-Jun-...	TCSS (Stage 1 W																							
S21N4801	TCSS (Stage 1.1 W39-W46)	27	0%	30	30-Dec-11	08-Feb-12	04-Feb-12	09-Mar-...	TCSS (Stage 1.1 W39-W46)																							
S21N4802	TCSS (Stage 1.2 W46-W49), G23A	33	0%	30	10-Apr-13	16-May-13	21-May-13	25-Jun-...	TCSS (Stage 1.2																							
S21N4810	TCSS (Stage 2 W35 - W38)	27	0%	96	08-Feb-12	06-Jun-12	10-Mar-12	09-Jul-12	TCSS (Stage 2 W35 - W38)																							
S21N4811	TCSS (Stage 2.1 W35 - W36)	27	0%	24	08-Feb-12	07-Mar-12	10-Mar-12	11-Apr-12	TCSS (Stage 2.1 W35 - W36)																							
S21N4812	TCSS (Stage 2.2 W36 - W38) Portion 1	27	0%	36	07-Mar-12	23-Apr-12	12-Apr-12	24-May-...	TCSS (Stage 2.2 W36 - W38) Portion 1																							
S21N4813	TCSS (Stage 2.3 W36 - W38) Portion 2	27	0%	36	23-Apr-12	06-Jun-12	25-May-12	09-Jul-12	TCSS (Stage 2.3 W36 - W38) Portion 2																							
Landscaping																																
S21N6000	Landscaping Works	64	0%	216	16-Jul-12	08-Apr-13	28-Sep-12	25-Jun-...	Landscaping Works																							
S21N6010	Landscaping Works (Stage 1) (ch2400 - 2540)	64	0%	72	16-Jul-12	09-Oct-12	28-Sep-12	24-Dec-...	Landscaping Works (Stage 1) (ch2																							
S21N6020	Landscaping Works (Stage 2) (ch2540 - 2690)	64	0%	72	10-Oct-12	05-Jan-13	27-Dec-12	25-Mar-...	Landscaping Works (Stage																							
S21N6030	Landscaping Works (Stage 3) (ch2690 - 2840)	64	0%	72	07-Jan-13	08-Apr-13	26-Mar-13	25-Jun-...	Landscaping Works																							
South Bound																																

Activity ID	Activity Name	Total Float	Activity % Complete	Original Duration	Start	Finish	Late Start	Late Finish	2010				2011				2012				2013													
									Q2		Q3		Q4		Q1		Q2		Q3		Q4		Q1		Q2		Q3		Q4					
									2	3	4	5	6	7	8	9	1	1	1	1	1	1	1	1	1	2	2	2	2	3	3	3	3	3
Preliminaries																																		
S21S0000	Site Clearance/Access Rd		100%	48	15-Oct-10 A	10-Dec-10 A			 Site Clearance/Access Rd																									
S21S0010	Site Clearance		100%	36	15-Oct-10 A	26-Nov-10 A	02-Jul-11	02-Jul-11	 Site Clearance																									
S21S0030	Access Road		100%	34	02-Nov-10 A	10-Dec-10 A	02-Jul-11	02-Jul-11	 Access Road																									
Slopeworks																																		
S21S5000	Slopeworks Fill(S26)	30	0%	120	09-Jan-12	07-Jun-12	17-Feb-12	14-Jul-12	 Slopeworks Fill(S26)																									
S21S5010	Slopeworks Fill(S26) - Lower +50mPD	30	0%	60	09-Jan-12	22-Mar-12	17-Feb-12	02-May...	 Slopeworks Fill(S26) - Lower +50mPD																									
S21S5020	Slopeworks Fill(S26) - Upper +55mPD	30	0%	60	22-Mar-12	07-Jun-12	03-May-12	14-Jul-12	 Slopeworks Fill(S26) - Upper +55mPD																									
S21S5100	Slopeworks Fill(S27)	30	0%	120	09-Jan-12	07-Jun-12	17-Feb-12	14-Jul-12	 Slopeworks Fill(S27)																									
S21S5110	Slopeworks Fill(S27) - Lower +50mPD	30	0%	60	09-Jan-12	22-Mar-12	17-Feb-12	02-May...	 Slopeworks Fill(S27) - Lower +50mPD																									
S21S5120	Slopeworks Fill(S27) - Upper +55mPD	30	0%	60	22-Mar-12	07-Jun-12	03-May-12	14-Jul-12	 Slopeworks Fill(S27) - Upper +55mPD																									
Construction of Retaining Wall																																		
Retaining Wall W50 (w/SP)																																		
S21S2000	Sheet Pile/Excavate & Construct W50 (w/SP)	75	0%	77	13-Aug-11	14-Nov-11	12-Nov-11	16-Feb...	 Sheet Pile/Excavate & Construct W50 (w/SP)																									
S21S2010	Sheet Pile & ELS Works	75	0%	24	13-Aug-11	09-Sep-11	12-Nov-11	09-Dec...	 Sheet Pile & ELS Works																									
S21S2020	Construction of W50 Structure	75	0%	42	10-Sep-11	01-Nov-11	10-Dec-11	03-Feb...	 Construction of W50 Structure																									
S21S2030	Backfilling	75	0%	18	25-Oct-11	14-Nov-11	27-Jan-12	16-Feb...	 Backfilling																									
Retaining Wall W51-56 (w/SP)																																		
S21S2100	Sheet Pile / Excavate & Construct W51-56 (w/SP)	30	13.06%	216	25-Feb-11 A	09-Jan-12	25-Feb-11	16-Feb...	 Sheet Pile / Excavate & Construct W51-56 (w/SP)																									
S21S2110	Sheet Pile & ELS Works (W51)		100%	24	25-Feb-11 A	11-May-11 A	02-Jul-11	02-Jul-11	 Sheet Pile & ELS Works (W51)																									
S21S2120	Construction of W51 Structure	30	10%	42	25-Mar-11 A	11-Jul-11	02-Jul-11	15-Aug...	 Construction of W51 Structure																									
S21S2130	Sheet Pile & ELS Works (W52 & W53)	30	0%	24	11-Jun-11	11-Jul-11	19-Jul-11	15-Aug...	 Sheet Pile & ELS Works (W52 & W53)																									
S21S2140	Construction of WW52 & W53 Structure	30	0%	42	11-Jul-11	29-Aug-11	16-Aug-11	06-Oct-11	 Construction of WW52 & W53 Structure																									
S21S2150	Backfilling of W51, W52 & W53	30	0%	24	29-Aug-11	27-Sep-11	07-Oct-11	03-Nov...	 Backfilling of W51, W52 & W53																									
S21S2160	Sheet Pile & ELS Works (W54, 55 & 56)	30	0%	24	27-Sep-11	27-Oct-11	04-Nov-11	01-Dec...	 Sheet Pile & ELS Works (W54, 55 & 56)																									
S21S2170	Construction of W54, 55 & 56 Structure	30	0%	42	27-Oct-11	15-Dec-11	02-Dec-11	26-Jan...	 Construction of W54, 55 & 56 Structure																									
S21S2180	Backfilling of W54, 55 & 56	30	0%	18	15-Dec-11	09-Jan-12	27-Jan-12	16-Feb...	 Backfilling of W54, 55 & 56																									
Retaining Wall W51A																																		
S21S2161	Pre-drilling for W51A	75	0%	12	26-May-11	09-Jun-11	24-Aug-11	06-Sep...	 Pre-drilling for W51A																									
S21S2162	Piling	75	0%	20	10-Jun-11	04-Jul-11	07-Sep-11	30-Sep...	 Piling																									
S21S2163	Excavate to cut-off level	75	50%	8	17-Jan-11 A	08-Jul-11	03-Oct-11	07-Oct-11	 Excavate to cut-off level																									
S21S2164	Capping/Walling for W51A	75	0%	18	09-Jul-11	29-Jul-11	08-Oct-11	28-Oct-11	 Capping/Walling for W51A																									
S21S2165	Backfilling	75	0%	12	30-Jul-11	12-Aug-11	29-Oct-11	11-Nov...	 Backfilling																									
Retaining Wall W35A, (CSD 2)																																		
S21S2210	Pre-drilling for W35A	137	0%	15	03-Apr-12	25-Apr-12	19-Sep-12	08-Oct-12	 Pre-drilling for W35A																									
S21S2218	Mini Piles for W35A	137	0%	35	25-Apr-12	07-Jun-12	09-Oct-12	19-Nov...	 Mini Piles for W35A																									
S21S2230	Excavate to cut-off level	137	0%	24	07-Jun-12	07-Jul-12	20-Nov-12	17-Dec...	 Excavate to cut-off level																									
S21S2240	Capping/Walling for W35A	137	0%	24	22-Jun-12	23-Jul-12	05-Dec-12	04-Jan...	 Capping/Walling for W35A																									
S21S2250	Backfilling	137	0%	20	23-Jul-12	15-Aug-12	05-Jan-13	28-Jan...	 Backfilling																									
Roadworks, Drainage & Utilities																																		
S21S3900	Roadworks, Drainages & Utilities (Stage 1 Retaining Wall W50 - W56)	18	0%	152	16-Jun-12	17-Dec-12	10-Jul-12	09-Jan...	 Roadworks, Drainages & Utilities																									
S21S3910	Road Surface	18	0%	60	16-Jun-12	28-Aug-12	10-Jul-12	17-Sep...	 Road Surface																									
S21S3920	Roadmark	18	0%	60	28-Aug-12	09-Nov-12	18-Sep-12	29-Nov...	 Roadmark																									
S21S4001	Lane Shifting	18	0%	32	09-Nov-12	17-Dec-12	30-Nov-12	09-Jan...	 Lane Shifting																									
S21S4002	Drainages (ch2540-ch2840)	23	0%	75	11-Sep-12	11-Dec-12	10-Oct-12	09-Jan...	 Drainages (ch2540-ch2840)																									
S21S4003	Utilities (ch2540-ch2840)	23	0%	72	16-Jun-12	11-Sep-12	16-Jul-12	09-Oct-12	 Utilities (ch2540-ch2840)																									
S21S4010	Road Surface, Roadmark and Lane Shifting	143	0%	30	29-Aug-12	05-Oct-12	22-Feb-13	28-Mar...	 Road Surface, Roadmark and Lane Shifting																									
S21S4012	Drainages (ch2400-ch2540)	143	0%	36	15-Aug-12	26-Sep-12	05-Feb-13	21-Mar...	 Drainages (ch2400-ch2540)																									
S21S4013	Utilities (ch2400-ch2540)	143	0%	36	22-Aug-12	05-Oct-12	15-Feb-13	28-Mar...	 Utilities (ch2400-ch2540)																									
Noise Barriers & Road Barriers																																		
S21S3010	NB29A (CH 0-62.3) on W35A	34	0%	48	17-Dec-12	18-Feb-13	29-Jan-13	28-Mar...	 NB29A (CH 0-62.3) on W35A																									
S21S3011	NB29A (CH 0-62.3) on W35A - Erecting H-Column	34	0%	20	17-Dec-12	12-Jan-13	29-Jan-13	23-Feb...	 NB29A (CH 0-62.3) on W35A - Erecting H-Column																									
S21S3012	NB29A (CH 0-62.3) on W35A - Installing Panel	34	0%	28	12-Jan-13	18-Feb-13	25-Feb-13	28-Mar...	 NB29A (CH 0-62.3) on W35A - Installing Panel																									
S21S3020	NB30 (CH 0-201.9)	87	0%	154	03-Apr-12	11-Oct-12	21-Jul-12	24-Jan...	 NB30 (CH 0-201.9)																									
S21S3021	NB30 - South : Excavation and Footing	86	0%	50	03-Apr-12	07-Jun-12	21-Jul-12	17-Sep...	 NB30 - South : Excavation and Footing																									
S21S3022	NB30 - North : Excavation and Footing	87	0%	50	07-Jun-12	07-Aug-12	19-Sep-12	19-Nov...	 NB30 - North : Excavation and Footing																									
S21S3023	NB30 : Erecting H-Column	87	0%	27	07-Aug-12	07-Sep-12	20-Nov-12	20-Dec...	 NB30 : Erecting H-Column																									
S21S3024	NB30 : Installing Panel	87	0%	27	07-Sep-12	11-Oct-12	21-Dec-12	24-Jan...	 NB30 : Installing Panel																									

Activity ID	Activity Name	Total Float	Activity % Complete	Original Duration	Start	Finish	Late Start	Late Finish	2010																2011																2012																2013															
									Q2				Q3				Q4				Q1				Q2				Q3				Q4				Q1				Q2				Q3				Q4																							
									2	3	4	5	6	7	8	9	10	11	12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1																				
SA220020	Temporary Traffic Management (Detail shall refer to supplementary information)	-50	16.55%	985	25-Feb-10 A	24-Aug-13	05-Jul-13	05-Jul-13	Tempora																																																															
SA220030	Overall Utilities Diversion (Detail shall refer to supplementary informati...	-50	16.55%	985	25-Feb-10 A	24-Aug-13	05-Jul-13	05-Jul-13	Overall U																																																															
North Bound																																																																								
Preliminaries																																																																								
S22N0000	Site Clearance/Access Rd (W56A&W56B)		100%	90	26-Feb-10 A	18-Jun-10 A			Site Clearance/Access Rd (W56A&W56B)																																																															
S22N0001	Site Clearance - Stage 1 (Near W56A)		100%	30	26-Feb-10 A	01-Apr-10 A	30-Mar-11	30-Mar...	Site Clearance - Stage 1 (Near W56A)																																																															
S22N0002	Access Road - Stage 1 (Near W56A)		100%	30	22-Mar-10 A	29-Apr-10 A	18-Apr-11	18-Apr-11	Access Road - Stage 1 (Near W56A)																																																															
S22N0003	Site Clearance - Stage 2 (Near W56B)		100%	30	19-Apr-10 A	25-May-10 A	18-Apr-11	18-Apr-11	Site Clearance - Stage 2 (Near W56B)																																																															
S22N0004	Access Road - Stage 2 (Near W56B)		100%	30	13-May-10 A	18-Jun-10 A	18-Apr-11	18-Apr-11	Access Road - Stage 2 (Near W56B)																																																															
S22N0030	Erection of Temp Safety Fence (N/B ch2840-3150)		100%	60	10-May-10 A	21-Jul-10 A			Erection of Temp Safety Fence (N/B ch2840-3150)																																																															
S22N0040	Erection of Temp Safety Fence (N/B ch2840-3000)		100%	30	10-May-10 A	14-Jun-10 A	29-Jul-11	29-Jul-11	Erection of Temp Safety Fence (N/B ch2840-3000)																																																															
S22N0050	Erection of Temp Safety Fence (N/B ch3000-3150)		100%	30	15-Jun-10 A	21-Jul-10 A	29-Jul-11	29-Jul-11	Erection of Temp Safety Fence (N/B ch3000-3150)																																																															
Slopeworks																																																																								
S22N5000	Slopeworks Cut & U-Channel/Berm (S29-sn)	54	40.97%	421	22-Jul-10 A	23-Mar-12	22-Jul-10	31-May...	Slopeworks Cut & U-Channel/Berm (S29-sn)																																																															
S22N5010	Slopeworks (S29) & U-channel/Berm - Stage 1 (Cutslope)		100%	12	22-Jul-10 A	04-Aug-10 A	29-Jul-11	29-Jul-11	Slopeworks (S29) & U-channel/Berm - Stage 1 (Cutslope)																																																															
S22N5020	Slopeworks (S29) - Stage 1 (Soil Nail Installation : QRS) 117nos.		100%	12	26-Mar-11 A	09-Apr-11 A	29-Jul-11	29-Jul-11	Slopeworks (S29) - Stage 1 (Soil Nail Installation : QRS) 117nos.																																																															
S22N5040	Slopeworks (S29) & U-Channel/Berm - Stage 2 (Cutslope)		100%	50	19-Aug-10 A	21-Oct-10 A	29-Jul-11	29-Jul-11	Slopeworks (S29) & U-Channel/Berm - Stage 2 (Cutslope)																																																															
S22N5050	Slopeworks (S29) - Stage 2 (Soil Nail Installation : MNOP) 207nos.	54	50%	21	02-Apr-11 A	08-Jun-11	29-Jul-11	29-Jul-11	Slopeworks (S29) - Stage 2 (Soil Nail Installation : MNOP) 207nos.																																																															
S22N5070	Slopeworks (S29) & U-Channel/Berm - Stage 3 (Cutslope)		100%	28	21-Oct-10 A	13-Nov-10 A	11-Aug-11	11-Aug...	Slopeworks (S29) & U-Channel/Berm - Stage 3 (Cutslope)																																																															
S22N5080	Slopeworks (S29) - Stage 3 (Soil Nail Installation : IJKL) 273nos.	54	0%	28	08-Jun-11	12-Jul-11	11-Aug-11	12-Sep...	Slopeworks (S29) - Stage 3 (Soil Nail Installation : IJKL) 273nos.																																																															
S22N5100	Slopeworks (S29) & U-Channel/Berm - Stage 4 (Cutslope)	54	0%	35	12-Jul-11	22-Aug-11	14-Sep-11	26-Oct-11	Slopeworks (S29) & U-Channel/Berm - Stage 4 (Cutslope)																																																															
S22N5110	Slopeworks (S29) - Stage 4 (Soil Nail Installation : EFGH) 348nos.	54	0%	35	22-Aug-11	04-Oct-11	27-Oct-11	06-Dec...	Slopeworks (S29) - Stage 4 (Soil Nail Installation : EFGH) 348nos.																																																															
S22N5130	Slopeworks (S29) & U-Channel/Berm - Stage 5 (Cutslope)	54	0%	45	04-Oct-11	26-Nov-11	07-Dec-11	03-Feb...	Slopeworks (S29) & U-Channel/Berm - Stage 5 (Cutslope)																																																															
S22N5140	Slopeworks (S29) - Stage 5 (Soil Nail Installation : ABCD) 440nos.	54	0%	45	26-Nov-11	21-Jan-12	04-Feb-12	27-Mar...	Slopeworks (S29) - Stage 5 (Soil Nail Installation : ABCD) 440nos.																																																															
S22N5160	Slopeworks (S29) & U-Channel/Berm - Stage 6 (Cutslope)	54	0%	50	21-Jan-12	23-Mar-12	28-Mar-12	31-May...	Slopeworks (S29) & U-Channel/Berm - Stage 6 (Cut																																																															
S22N5180	Debris Catcher Fence and NTHA Protective Measures (Area 3A) [Provisional Item]	54	0%	144	01-Nov-12	30-Apr-13	07-Jan-13	05-Jul-13	Debris Catcher Fe																																																															
S22N5200	Place order for Fabrication of Rock Fall Fence	54	0%	0	23-Mar-12		01-Jun-12		Place order for Fabrication of Rock Fall Fence																																																															
S22N5210	Site Access to Hazard Rock Areas	54	0%	72	01-Nov-12	28-Jan-13	07-Jan-13	08-Apr-13	Site Access to Hazard Roc																																																															
S22N5220	Installation of Rock Fall Fence	54	0%	72	28-Jan-13	30-Apr-13	09-Apr-13	05-Jul-13	Installation of Roc																																																															
Construction of Retaining Wall																																																																								
Retaining Wall W56A, (CSD 1)																																																																								
S22N2154	Excavate to cut-off level (Stage 1, Bay 1 - 5)	17	20%	60	28-Mar-11 A	22-Jul-11	16-Jun-11	11-Aug...	Excavate to cut-off level (Stage 1, Bay 1 - 5)																																																															
S22N2155	Excavate to cut-off level (Stage 2, Bay 5 - 9))	26	0%	66	23-Jul-11	11-Oct-11	23-Aug-11	10-Nov...	Excavate to cut-off level (Stage 2, Bay 5 - 9))																																																															
S22N2160	Base Slab for W56A	26	0%	141	23-Jul-11	10-Jan-12	12-Aug-11	13-Feb...	Base Slab for W56A																																																															
S22N2165	Base Slab for W56A (Stage 1)	17	0%	50	23-Jul-11	20-Sep-11	12-Aug-11	12-Oct-11	Base Slab for W56A (Stage 1)																																																															
S22N2166	Base Slab for W56A (Stage 2)	26	0%	75	12-Oct-11	10-Jan-12	11-Nov-11	13-Feb...	Base Slab for W56A (Stage 2)																																																															
S22N2170	Wall Stem	17	0%	145	21-Sep-11	16-Mar-12	13-Oct-11	10-Apr-12	Wall Stem																																																															
S22N2171	Wall Stem (Bay 1- 2)	17	0%	25	21-Sep-11	21-Oct-11	13-Oct-11	10-Nov...	Wall Stem (Bay 1- 2)																																																															
S22N2173	Wall Stem (Bay 3 - 4)	17	0%	25	22-Oct-11	19-Nov-11	11-Nov-11	09-Dec...	Wall Stem (Bay 3 - 4)																																																															
S22N2174	Wall Stem (Bay 5 - 6)	17	0%	25	21-Nov-11	19-Dec-11	10-Dec-11	11-Jan...	Wall Stem (Bay 5 - 6)																																																															
S22N2175	Wall Stem (Bay 7 - 8)	17	0%	25	20-Dec-11	20-Jan-12	12-Jan-12	13-Feb...	Wall Stem (Bay 7 - 8)																																																															
S22N2176	Wall Stem (Bay 9)	17	0%	25	21-Jan-12	22-Feb-12	14-Feb-12	13-Mar...	Wall Stem (Bay 9)																																																															
S22N2186	Backfill	17	0%	20	23-Feb-12	16-Mar-12	14-Mar-12	10-Apr-12	Backfill																																																															
Retaining Wall W56B on Mini-Piles (AD)																																																																								
S22N2210	Prepare Piling Platform for W56B		100%	37	02-Oct-10 A	11-Feb-11 A	23-Jul-11	23-Jul-11	Prepare Piling Platform for W56B																																																															
S22N2220	Pre-drilling for W56B	37	70%	37	02-Oct-10 A	09-Jun-11	11-Jul-11	23-Jul-11	Pre-drilling for W56B																																																															
S22N2240	Pipe Pile for W56B	37	50.41%	98	20-Nov-10 A	23-Jul-11	20-Nov-10	05-Sep...	Pipe Pile for W56B																																																															
S22N2241	Pipe Pile for W56B - Stage 1 (ch2920-3040)	37	50%	75	20-Nov-10 A	23-Jul-11	23-Jul-11	05-Sep...	Pipe Pile for W56B - Stage 1 (ch2920-3040)																																																															
S22N2242	Pipe Pile for W56B - Stage 2 (ch3040-3160)	37	50%	75	29-Jan-11 A	23-Jul-11	23-Jul-11	05-Sep...	Pipe Pile for W56B - Stage 2 (ch3040-3160)																																																															
S22N2250	Construction of W56B	37	0%	158	23-Jul-11	03-Feb-12	06-Sep-11	17-Mar...	Construction of W56B																																																															
S22N2251	Excavation (W56B)	37	0%	36	23-Jul-11	03-Sep-11	06-Sep-11	20-Oct-11	Excavation (W56B)																																																															
S22N2252	Base Slab (W56B)	37	0%	50	03-Sep-11	04-Nov-11	21-Oct-11	17-Dec...	Base Slab (W56B)																																																															
S22N2253	Wall Stem & Backfill (W56B)	37	0%	72	04-Nov-11	03-Feb-12	19-Dec-11	17-Mar...	Wall Stem & Backfill (W56B)																																																															
Roadworks, Drainage & Utilities																																																																								
S22N4000	Roadworks, Drainages & Utilities (N/B ch3000-3150) (Stage 1 for W5...	38	0%	147	04-Nov-11	07-May-12	06-Feb-12	21-Jun...	Roadworks, Drainages & Utilities (N/B ch3000-3																																																															
S22N4010	Utilities (N/B ch3000-3150) (Stage 1 for W56B)	73	0%	60	04-Nov-11	17-Jan-12	06-Feb-12	19-Apr-12	Utilities (N/B ch3000-3150) (Stage 1 for W56B)																																																															

Activity ID	Activity Name	Total Float	Activity % Complete	Original Duration	Start	Finish	Late Start	Late Finish	2010																2011				2012				2013						
									Q2				Q3				Q4				Q1				Q2				Q3				Q4						
									2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8
Landscaping																																							
S23S6000	Landscaping Works	212	0%	72	20-Jul-12	13-Oct-12	09-Apr-13	05-Jul-13																															
Site Area SA24																																							
PHSA2410	Possession of SA24 (Day180)		100%	0	04-May-10 A		26-Jun-14		◆ Possession of SA24 (Day180)																														
SA240000	Site Area SA24 Works Period	59	9.52%	788	04-May-10 A	07-May-13	04-May-10	05-Jul-13																															
SA240010	Site Area SA24 Works Completion	0	0%	0		25-Jun-13*		25-Jun-...																															
North Bound																																							
Preliminaries																																							
S24N0000	Site Clearance/Access Rd		100%	89	25-Aug-10 A	09-Dec-10 A			Site Clearance/Access Rd																														
S24N0010	Site Clearance		100%	72	25-Aug-10 A	19-Nov-10 A	18-Apr-11	18-Apr-11	Site Clearance																														
S24N0020	Access Road		100%	72	07-Sep-10 A	09-Dec-10 A	26-May-11	26-May-...	Access Road																														
Slopeworks																																							
S24N5000	Slopeworks Cut(S31A)	143	0%	147	26-May-11	18-Nov-11	23-Aug-11	16-May-...																															
S24N5010	Slopeworks Cut (S31A) & Soil Nail : Stage 1 (Upper +80mPD)	74	0%	62	26-May-11	08-Aug-11	23-Aug-11	05-Nov-...																															
S24N5020	Slopeworks Cut (S31A) & Soil Nail : Stage 2 (Lower +72mPD)	143	0%	62	09-Aug-11	22-Oct-11	02-Feb-12	18-Apr-12																															
S24N5030	Slopeworks Cut (S31A) : Shortcreting	143	0%	23	24-Oct-11	18-Nov-11	19-Apr-12	16-May-...																															
S24N5800	Debris Catcher Fence and NTHA Protective Measures (Area 4) [Provisional Item]	48	0%	264	16-Mar-12	02-Feb-13	17-May-12	08-Apr-13																															
S24N5810	Site Access to Hazard Rock Areas - Stage 1: Opening	48	0%	60	16-Mar-12	31-May-12	17-May-12	28-Jul-12																															
S24N5811	Site Access to Hazard Rock Areas - Stage 2: Access	48	0%	60	01-Jun-12	11-Aug-12	30-Jul-12	09-Oct-12																															
S24N5820	Installation of Rock Fall Fence - Stage 1	48	0%	72	13-Aug-12	07-Nov-12	10-Oct-12	05-Jan-...																															
S24N5821	Installation of Rock Fall Fence - Stage 2	48	0%	72	08-Nov-12	02-Feb-13	07-Jan-13	08-Apr-13																															
Construction of Retaining Wall																																							
Retaining Wall W56B-2 (Remaining) (AD)																																							
S24N2110	Prepare Piling Platform for W56B-2		100%	24	02-Oct-10 A	07-Feb-11 A	26-May-11	26-May-...	Prepare Piling Platform for W56B-2																														
S24N2120	Pre-drilling for W56B-2	0	65%	18	28-Oct-10 A	02-Jun-11	26-May-11	02-Jun-...	Pre-drilling for W56B-2																														
S24N2130	Retaining Wall W56B-2	0	0.47%	255	21-Jan-11 A	29-Mar-12	21-Jan-11	29-Mar-...	Retaining Wall W56B-2																														
S24N2140	Piles for W56B-2 (Stage 2)	0	50%	75	21-Jan-11 A	18-Jul-11	02-Jun-11	18-Jul-11	Piles for W56B-2 (Stage 2)																														
S24N2150	Excavation and Installation of Tension Piles (Stage 2)	0	0%	75	18-Jul-11	17-Oct-11	19-Jul-11	17-Oct-11	Excavation and Installation of Tension Piles (Stage 2)																														
S24N2160	Retaining Wall Structure W56B-2 (Stage 2)	0	0%	75	17-Oct-11	16-Jan-12	18-Oct-11	16-Jan-...	Retaining Wall Structure W56B-2 (Stage 2)																														
S24N2170	Retaining Wall & Drainage W56B-2 : Drainage and Backfill (Stage 1)	0	0%	60	16-Jan-12	29-Mar-12	17-Jan-12	29-Mar-...	Retaining Wall & Drainage W56B-2 : Drainage and																														
Retaining Wall W57A																																							
S24N2200	Sheet Pile/Excavate & Construct W57A	100	0%	55	22-Sep-11	26-Nov-11	26-Jan-12	29-Mar-...	Sheet Pile/Excavate & Construct W57A																														
S24N2201	Sheet Pile and ELS Works	100	0%	18	22-Sep-11	14-Oct-11	26-Jan-12	15-Feb-...	Sheet Pile and ELS Works																														
S24N2202	Construction of Structure W57A	100	0%	24	15-Oct-11	11-Nov-11	16-Feb-12	14-Mar-...	Construction of Structure W57A																														
S24N2203	Backfilling	100	0%	13	12-Nov-11	26-Nov-11	15-Mar-12	29-Mar-...	Backfilling																														
Retaining Wall W57b on Mini-Piles (AD)																																							
S24N2310	Prepare Piling Platform for W57B		100%	18	11-Jan-11 A	31-Jan-11 A	26-Jun-14	26-Jun-...	Prepare Piling Platform for W57B																														
S24N2320	Pre-drill for W57B		100%	20	01-Apr-11 A	13-Apr-11 A	26-Jun-14	26-Jun-...	Pre-drill for W57B																														
S24N2330	Piles for W57B		100%	45	01-Apr-11 A	14-May-11 A	16-Jul-11	16-Jul-11	Piles for W57B																														
S24N2340	Excavate and Tension Piles W57B	42	0%	32	26-May-11	04-Jul-11	16-Jul-11	22-Aug-...	Excavate and Tension Piles W57B																														
S24N2360	Retaining Wall & Drainage W57B	119	0%	52	05-Jul-11	02-Sep-11	24-Nov-11	30-Jan-...	Retaining Wall & Drainage W57B																														
Retaining Wall W57C, (CSD 2)																																							
S24N2402	Pre-drilling for W57C		100%	20	26-Mar-11 A	19-Apr-11 A	26-Jun-14	26-Jun-...	Pre-drilling for W57C																														
S24N2404	Piles for W57C		100%	45	01-Apr-11 A	14-May-11 A	16-Jul-11	16-Jul-11	Piles for W57C																														
S24N2407	Excavate to cut-off level	42	0%	32	26-May-11	04-Jul-11	16-Jul-11	22-Aug-...	Excavate to cut-off level																														
S24N2408	Capping/Walling for W57C	119	0%	52	05-Jul-11	02-Sep-11	24-Nov-11	30-Jan-...	Capping/Walling for W57C																														
S24N2420	Backfilling	119	0%	39	03-Sep-11	21-Oct-11	31-Jan-12	15-Mar-...	Backfilling																														
Retaining Wall RWB12A, (CSD 2)																																							
S24N1500	Piling & Construct RWB12A	39	0%	195	04-Jun-11	30-Jan-12	26-Sep-11	15-Mar-...	Piling & Construct RWB12A																														
S24N1510	Piling of RWB12A, Stage 1 (28/34 nos)	94	0%	60	04-Jun-11	15-Aug-11	26-Sep-11	06-Dec-...	Piling of RWB12A, Stage 1 (28/34 nos)																														
S24N1515	Piling of RWB12A, Stage 2 (6nos)	39	0%	24	22-Sep-11	21-Oct-11	09-Nov-11	06-Dec-...	Piling of RWB12A, Stage 2 (6nos)																														
S24N1520	Construction of Structure RWB12A	39	0%	50	22-Oct-11	19-Dec-11	07-Dec-11	09-Feb-...	Construction of Structure RWB12A																														
S24N1530	Backfilling	39	0%	30	20-Dec-11	30-Jan-12	10-Feb-12	15-Mar-...	Backfilling																														
Roadworks, Drainage & Utilities																																							
S24N4000	Roadworks, Drainages & Utilities (ch3140-3420)	18	0%	197	01-Nov-11	03-Jul-12	17-Feb-12	24-Jul-12	Roadworks, Drainages & Utilities (ch3140-3																														
S24N4010	Road Surface	0	0%	50	29-Mar-12	02-Jun-12	30-Mar-12	02-Jun-...	Road Surface																														

Activity ID	Activity Name	Total Float	Activity % Complete	Original Duration	Start	Finish	Late Start	Late Finish	2010				2011				2012				2013											
									Q2		Q3		Q4		Q1		Q2		Q3		Q4		Q1		Q2		Q3		Q4			
									2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
S26S3040	Beam Barrier : Installing M-Barrier	4	0%	30	22-Dec-12	29-Jan-13	29-Dec-12	02-Feb...	■ Beam Barrier : Installing M-Barrier																							
Traffic Control & Surveillance System																																
S26S4800	TCSS	4	0%	120	30-Jan-13	29-Jun-13	04-Feb-13	05-Jul-13	■ TCSS																							
S26S4810	TCSS - Stage 1 (LB1)	4	0%	42	30-Jan-13	22-Mar-13	04-Feb-13	27-Mar...	■ TCSS- Stage 1 (LB1)																							
S26S4820	TCSS - Stage 1 (LB2)	4	0%	42	23-Mar-13	16-May-13	28-Mar-13	22-May...	■ TCSS - Stage 1 (LB2)																							
S26S4830	TCSS - Stage 1 (LB3), G101	4	0%	36	18-May-13	29-Jun-13	23-May-13	05-Jul-13	■ TCSS - Stage 1 (LB3)																							
Landscaping																																
S26S6000	Landscaping Works	154	0%	150	26-Jun-12	21-Dec-12	29-Dec-12	05-Jul-13	■ Landscaping Works																							
S26S6010	Landscaping Works - Stage 1	154	0%	75	26-Jun-12	21-Sep-12	29-Dec-12	03-Apr-13	■ Landscaping Works - Stage 1																							
S26S6040	Landscaping Works - Stage 2	154	0%	75	22-Sep-12	21-Dec-12	05-Apr-13	05-Jul-13	■ Landscaping Works - Stage 2																							
Modification on Existing Bridge 12 & 12B																																
S22S1310	Construction of Bridge 12B	-43	5.45%	367	15-Apr-10 A	25-Jul-12	15-Apr-10	02-Jun...	■ Construction of Bridge 12B																							
Preparatory and Enabling Works																																
S22S1210	Prepare Piling Platform		100%	38	15-Apr-10 A	31-May-10 A	30-Mar-11	30-Mar...	■ Prepare Piling Platform																							
S22S1220	Pre-drilling Works		100%	26	15-Apr-10 A	15-May-10 A	30-Mar-11	30-Mar...	■ Pre-drilling Works																							
Modification Works and Bridge 12B																																
S22S1230	Socketed H-Pile (B12BP8)		100%	62	01-Jun-10 A	13-Aug-10 A	30-Mar-11	30-Mar...	■ Socketed H-Pile (B12BP8)																							
S22S1250	Modify Pile caps & Additional Foundation (B12BP8)	-28	40.59%	101	02-Jul-10 A	05-Aug-11	02-Jul-10	04-Jul-11	■ Modify Pile caps & Additional Foundation (B12BP8)																							
S22S1251	Excavation & ELS Works		100%	36	02-Jul-10 A	12-Aug-10 A	30-Mar-11	30-Mar...	■ Excavation & ELS Works																							
S22S1252	Modify Pilecap (B12BP8) & Additional Foundation	-43	0%	48	26-May-11	22-Jul-11	30-Mar-11	31-May...	■ Modify Pilecap (B12BP8) & Additional Foundation																							
S22S1253	Backfilling	-28	0%	12	23-Jul-11	05-Aug-11	20-Jun-11	04-Jul-11	■ Backfilling																							
S22S1260	Modify Piers & Tie Beams	-43	0%	210	26-May-11	07-Feb-12	30-Mar-11	12-Dec...	■ Modify Piers & Tie Beams																							
S22S1261	Pier Construction (C7, C8 & NA)	-43	0%	75	26-May-11	23-Aug-11	30-Mar-11	04-Jul-11	■ Pier Construction (C7, C8 & NA)																							
S22S1262	Pier Construction (C5 & C6)	-43	0%	60	24-Aug-11	04-Nov-11	05-Jul-11	12-Sep...	■ Pier Construction (C5 & C6)																							
S22S1264	Tie Beam Construction (C5,C6), (C7 & C8)	-43	0%	75	05-Nov-11	07-Feb-12	14-Sep-11	12-Dec...	■ Tie Beam Construction (C5,C6), (C7 & C8)																							
S22S1280	Deck Construction (Bearings, Drainage & MJ included)	-43	0%	137	08-Feb-12	25-Jul-12	13-Dec-11	02-Jun...	■ Deck Construction (Bearings, Drainage & MJ included)																							
S22S1281	Scaffolding & Falsework	-43	0%	55	08-Feb-12	16-Apr-12	13-Dec-11	21-Feb...	■ Scaffolding & Falsework																							
S22S1282	Deck Formwork, Steel Fixing and Concreting - Stage 1 (C8 to NA)	-43	0%	32	17-Apr-12	24-May-12	22-Feb-12	29-Mar...	■ Deck Formwork, Steel Fixing and Concreting - Stage 1																							
S22S1283	Deck Formwork, Steel Fixing and Concreting - Stage 2 (C6 to C8)	-43	0%	32	25-May-12	04-Jul-12	30-Mar-12	11-May...	■ Deck Formwork, Steel Fixing and Concreting - Stage 2																							
S22S1285	Stressing	-43	0%	18	05-Jul-12	25-Jul-12	12-May-12	02-Jun...	■ Stressing																							
Construction of Bridge 12A																																
S24S1280	Construction of Bridge 12A	-28	21.06%	451	25-Aug-10 A	04-Aug-12	25-Aug-10	03-Jul-12	■ Construction of Bridge 12A																							
Preparatory and Enabling Works																																
S24N1210	Site Clearance		100%	42	25-Aug-10 A	14-Oct-10 A	18-Apr-11	18-Apr-11	■ Site Clearance																							
S24N1220	Haul Road		100%	42	25-Aug-10 A	14-Oct-10 A	18-Apr-11	18-Apr-11	■ Haul Road																							
S24N1230	Gas main Diversion, HKCG		100%	55	25-Aug-10 A	22-Apr-11 A	18-Apr-11	18-Apr-11	■ Gas main Diversion, HKCG																							
S24N1240	11 KV Cable Diversion		100%	55	25-Aug-10 A	30-Oct-10 A	18-Apr-11	18-Apr-11	■ 11 KV Cable Diversion																							
S24N1250	Telephone Cable Diversion		100%	55	25-Aug-10 A	30-Oct-10 A	18-Apr-11	18-Apr-11	■ Telephone Cable Diversion																							
Substructure and Pier Construction																																
South Abutment																																
S24N1260	Piling-South Abutment		100%	29	15-Oct-10 A	19-Jan-11 A			■ Piling-South Abutment																							
S24N1261	Preparing piling platform		100%	18	15-Oct-10 A	05-Nov-10 A	31-May-11	31-May...	■ Preparing piling platform																							
S24N1262	Pre-drilling		100%	18	15-Oct-10 A	05-Nov-10 A	31-May-11	31-May...	■ Pre-drilling																							
S24N1263	Piling (21nos)		100%	43	27-Nov-10 A	19-Jan-11 A	31-May-11	31-May...	■ Piling (21nos)																							
S24N1310	Excavation & Cap-South Abutment	10	5%	35	04-May-11 A	06-Jul-11	07-Jun-11	16-Jul-11	■ Excavation & Cap-South Abutment																							
S24N1360	Pier & backfill, South Abutment	10	0%	36	06-Jul-11	17-Aug-11	18-Jul-11	27-Aug...	■ Pier & backfill, South Abutment																							
Pier 1																																
S24N1270	Piling-Pier 1 (15nos)		100%	30	02-Mar-11 A	07-Apr-11 A	31-May-11	31-May...	■ Piling-Pier 1 (15nos)																							
S24N1320	Cap-Pier 1 & Backfill	4	10%	43	23-May-11 A	12-Jul-11	31-May-11	16-Jul-11	■ Cap-Pier 1 & Backfill																							
S24N1370	Pier 1	4	0%	36	12-Jul-11	23-Aug-11	18-Jul-11	27-Aug...	■ Pier 1																							
Pier 2																																
S24N1280	Piling-Pier 2 (15nos)		100%	38	02-Aug-10 A	15-Sep-10 A	26-Jul-11	26-Jul-11	■ Piling-Pier 2 (15nos)																							
S24N1330	Cap-Pier 2 & Backfill		100%	38	20-Nov-10 A	19-Jan-11 A	28-Sep-11	28-Sep...	■ Cap-Pier 2 & Backfill																							
S24N1380	Pier 2	104	85%	32	14-Apr-11 A	31-May-11	28-Sep-11	04-Oct-11	■ Pier 2																							
Pier 3																																
S24N1290	Piling-Pier 3 (15nos)		100%	38	16-Feb-11 A	27-Apr-11 A	16-Aug-11	16-Aug...	■ Piling-Pier 3 (15nos)																							

Activity ID	Activity Name	Total Float	Activity % Complete	Original Duration	Start	Finish	Late Start	Late Finish	2010				2011				2012				2013											
									Q2		Q3		Q4		Q1		Q2		Q3		Q4		Q1		Q2		Q3		Q4			
									2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
S26S14942	Construction of Cantilever Deck	22	0%	59	03-Dec-11	16-Feb-12	31-Dec-11	14-Mar...	Construction of Cantilever Deck																							
S26S14943	Stitching TW1-TW2	22	0%	18	17-Feb-12	08-Mar-12	14-Mar-12	05-Apr-12	Stitching TW1-TW2																							
S26S1496	Balanced Cantilever at TW3 & Stitching (TW2-TW3)	10	0%	86	30-Dec-11	17-Apr-12	30-Dec-11	30-Apr-12	Balanced Cantilever at TW3 & Stitching (TW2-TW3)																							
S26S14961	Preparing of Travelling Form	0	0%	18	30-Dec-11	20-Jan-12	30-Dec-11	21-Jan...	Preparing of Travelling Form																							
S26S14962	Construction of Cantilever Deck	0	0%	50	21-Jan-12	22-Mar-12	21-Jan-12	23-Mar...	Construction of Cantilever Deck																							
S26S14963	Stitching TW2-TW3	10	0%	18	23-Mar-12	17-Apr-12	05-Apr-12	30-Apr-12	Stitching TW2-TW3																							
S26S1498	North End Span	0	0%	46	23-Mar-12	21-May-12	23-Mar-12	22-May...	North End Span																							
S26S14981	North End Span	0	0%	28	23-Mar-12	28-Apr-12	23-Mar-12	30-Apr-12	North End Span																							
S26S14982	Stitching (North Abutment-TW3)	0	0%	18	30-Apr-12	21-May-12	30-Apr-12	22-May...	Stitching (North Abutment-TW3)																							
S26S1500	Parapet	0	0%	60	22-May-12	02-Aug-12	22-May-12	03-Aug...	Parapet																							
S26S1501	Erecting of Short Column	0	0%	30	22-May-12	27-Jun-12	22-May-12	28-Jun...	Erecting of Short Column																							
S26S1502	Installing M-Barrier	0	0%	30	28-Jun-12	02-Aug-12	28-Jun-12	03-Aug...	Installing M-Barrier																							
S26S1505	Noise Barrier	0	0%	30	28-Jun-12	02-Aug-12	28-Jun-12	03-Aug...	Noise Barrier																							
S26S1515	Surfacing	0	0%	36	03-Aug-12	13-Sep-12	03-Aug-12	14-Sep...	Surfacing																							
S26S1518	Road Lighting	0	0%	36	03-Aug-12	13-Sep-12	03-Aug-12	14-Sep...	Road Lighting																							
S26S1525	Handover Inspection of LB1	0	0%	3	14-Sep-12	17-Sep-12	14-Sep-12	18-Sep...	Handover Inspection of LB1																							
Construction of Bridge 13A									Construction of Bridge 13A																							
S26S1300	Construction of Bridge 13A	36	38.91%	744	03-May-10 A	01-Dec-12	03-May-10	16-Jan...	Construction of Bridge 13A																							
Preparatory and Enabling Works																																
S26S1610	Site Clearance		100%	24	03-May-10 A	31-May-10 A	24-Jun-11	24-Jun...	Site Clearance																							
S26S1611	Access Road		100%	63	03-May-10 A	17-Jul-10 A	24-Jun-11	24-Jun...	Access Road																							
S26S1620	Gas main Diversion at North/South Abutment, HKCG		100%	37	01-Jun-10 A	15-Jul-10 A	14-Jul-11	14-Jul-11	Gas main Diversion at North/South Abutment, HKCG																							
S26S1690	SA25-Site Clearance		100%	25	26-Feb-11 A	26-Mar-11 A	24-Jun-11	24-Jun...	SA25 Site Clearance																							
S26S1700	SA25 Haul Road		100%	25	26-Feb-11 A	26-Mar-11 A	24-Jun-11	24-Jun...	SA25 Haul Road																							
S26S1710	SA25-Gas Main diversion at South Abutment & P1		100%	25	26-Feb-11 A	26-Mar-11 A	24-Jun-11	24-Jun...	SA25 Gas Main diversion at South Abutment & P1																							
Substructure and Pier Construction																																
North Abutment																																
S26S1630	Piling-North Abutment		100%	65	16-Jul-10 A	30-Sep-10 A			Piling-North Abutment																							
S26S1631	Pre-drilling & Preparing of piling platform		100%	20	16-Jul-10 A	07-Aug-10 A	21-Oct-11	21-Oct-11	Pre-drilling & Preparing of piling platform																							
S26S1632	Piling		100%	45	09-Aug-10 A	30-Nov-10 A	21-Oct-11	21-Oct-11	Piling																							
S26S1650	Excavation & Cap-Nouth Abutment		100%	50	04-Jan-11 A	04-Apr-11 A	23-Feb-12	23-Feb...	Excavation & Cap-Nouth Abutment																							
S26S1670	Pier & backfill, North Abutment	43	0%	47	29-Dec-11	27-Feb-12	23-Feb-12	23-Apr-12	Pier & backfill, North Abutment																							
South Abutment																																
S26S1720	Piling-South Abutment		100%	90	02-Dec-10 A	23-Mar-11 A			Piling-South Abutment																							
S26S1721	Pre-drilling & Preparing of piling platform		100%	30	20-Aug-10 A	20-Sep-10 A	14-Jul-11	14-Jul-11	Pre-drilling & Preparing of piling platform																							
S26S1722	Piling		100%	60	10-Jan-11 A	17-Mar-11 A	14-Jul-11	14-Jul-11	Piling																							
S26S1750	Excavation & Cap-South Abutment	40	0%	40	26-May-11	13-Jul-11	14-Jul-11	30-Aug...	Excavation & Cap-South Abutment																							
S26S1780	Pier & backfill, South Abutment	40	0%	38	14-Jul-11	26-Aug-11	30-Aug-11	17-Oct-11	Pier & backfill, South Abutment																							
P1																																
S26S1730	Piling-P1		100%	20	18-Oct-10 A	30-Nov-10 A	24-Jun-11	24-Jun...	Piling-P1																							
S26S1760	Cap & Backfill - P1	25	50%	33	30-Dec-10 A	15-Jun-11	24-Jun-11	15-Jul-11	Cap & Backfill - P1																							
S26S1790	Pier-P1	25	0%	39	15-Jun-11	01-Aug-11	15-Jul-11	30-Aug...	Pier-P1																							
P2																																
S26S1740	Piling-P2		100%	35	28-Mar-11 A	16-Apr-11 A	01-Sep-11	01-Sep...	Piling-P2																							
S26S1770	Cap & Backfill - P2	82	0%	38	26-May-11	11-Jul-11	01-Sep-11	19-Oct-11	Cap & Backfill - P2																							
S26S1800	Pier-P2	82	0%	46	12-Jul-11	02-Sep-11	19-Oct-11	12-Dec...	Pier-P2																							
P3																																
S26S1640	Piling-P3		100%	50	26-Feb-11 A	19-Mar-11 A	21-Oct-11	21-Oct-11	Piling-P3																							
S26S1660	Cap & Backfill -P3	122	0%	50	26-May-11	25-Jul-11	21-Oct-11	19-Dec...	Cap & Backfill -P3																							
S26S1680	Pier-P3	122	0%	48	26-Jul-11	20-Sep-11	19-Dec-11	20-Feb...	Pier-P3																							
Decking and Finishing																																
S26S1808	Decking (Bearings, drainage & MJ included)	25	0%	237	01-Aug-11	19-May-12	30-Aug-11	19-Jun...	Decking (Bearings, drainage & MJ included)																							
S26S1810	Balanced Cantilever deck at P1	25	0%	54	01-Aug-11	06-Oct-11	30-Aug-11	04-Nov...	Balanced Cantilever deck at P1																							
S26S1811	Preparing of Travelling Form	25	0%	18	01-Aug-11	22-Aug-11	30-Aug-11	21-Sep...	Preparing of Travelling Form																							
S26S1812	Construction of Cantilever Deck	25	0%	36	22-Aug-11	06-Oct-11	21-Sep-11	04-Nov...	Construction of Cantilever Deck																							
S26S1820	South End Span & Stitching (South Abutment-P1)	104	0%	50	06-Oct-11	03-Dec-11	04-Nov-11	14-Apr-12	South End Span & Stitching (South Abutment-P1)																							
S26S1821	South End Span	25	0%	32	06-Oct-11	12-Nov-11	04-Nov-11	12-Dec...	South End Span																							

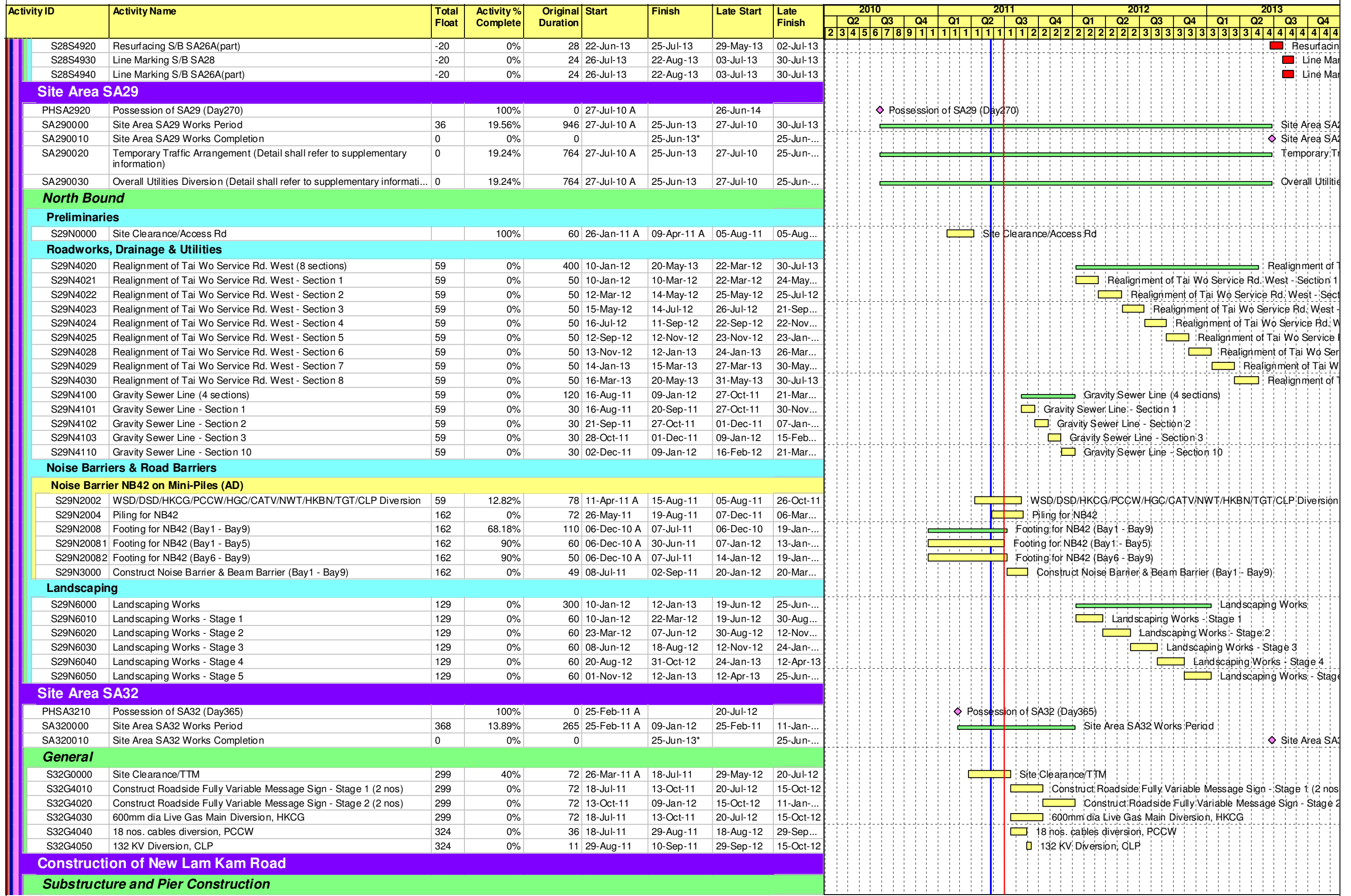
Activity ID	Activity Name	Total Float	Activity % Complete	Original Duration	Start	Finish	Late Start	Late Finish	2010				2011				2012				2013												
									Q2		Q3		Q4		Q1		Q2		Q3		Q4		Q1		Q2		Q3		Q4				
									2	3	4	5	6	7	8	9	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3
S26S1822	Stitching (South Abutment-P1)	104	0%	18	12-Nov-11	03-Dec-11	20-Mar-12	14-Apr-12																									Stitching (South Abutment-P1)
S26S1830	Balanced Cantilever deck at P2 & Stitching (P1-P2)	68	0%	72	12-Nov-11	11-Feb-12	12-Dec-11	07-May...																									Balanced Cantilever deck at P2 & Stitching (P1-P2)
S26S1831	Preparing of Travelling Form	25	0%	18	12-Nov-11	03-Dec-11	12-Dec-11	05-Jan...																									Preparing of Travelling Form
S26S1832	Balanced Cantilever deck at P2	25	0%	36	03-Dec-11	18-Jan-12	05-Jan-12	20-Feb...																									Balanced Cantilever deck at P2
S26S1833	Stitching (P1-P2)	68	0%	18	18-Jan-12	11-Feb-12	14-Apr-12	07-May...																									Stitching (P1-P2)
S26S1840	Balanced Cantilever deck at P3 & Stitching (P2-P3)	36	0%	68	18-Jan-12	14-Apr-12	20-Feb-12	29-May...																									Balanced Cantilever deck at P3 & Stitching (P2-P3)
S26S1841	Preparing of Travelling Form	25	0%	18	18-Jan-12	11-Feb-12	20-Feb-12	12-Mar...																									Preparing of Travelling Form
S26S1842	Balanced Cantilever deck at P3	25	0%	32	11-Feb-12	20-Mar-12	12-Mar-12	23-Apr-12																									Balanced Cantilever deck at P3
S26S1843	Stitching (P2-P3)	36	0%	18	20-Mar-12	14-Apr-12	07-May-12	29-May...																									Stitching (P2-P3)
S26S1850	North End Span & Stitching (North Abutment-P3)	25	0%	47	20-Mar-12	19-May-12	23-Apr-12	19-Jun...																									North End Span & Stitching (North Abutment-P3)
S26S1851	North End Span	25	0%	29	20-Mar-12	27-Apr-12	23-Apr-12	29-May...																									North End Span
S26S1852	Stitching (North Abutment-P3)	25	0%	18	27-Apr-12	19-May-12	29-May-12	19-Jun...																									Stitching (North Abutment-P3)
S26S1860	Parapet	25	0%	61	19-May-12	02-Aug-12	19-Jun-12	31-Aug...																									Parapet
S26S1861	Erection of Short Column	25	0%	31	19-May-12	27-Jun-12	19-Jun-12	27-Jul-12																									Erection of Short Column
S26S1862	Installation of M-Barrier	25	0%	30	27-Jun-12	02-Aug-12	27-Jul-12	31-Aug...																									Installation of M-Barrier
S26S1870	Noise Barrier	25	0%	52	02-Aug-12	04-Oct-12	31-Aug-12	03-Nov...																									Noise Barrier
S26S1871	Erection of H-Column	25	0%	26	02-Aug-12	01-Sep-12	31-Aug-12	03-Oct-12																									Erection of H-Column
S26S1872	Installation of Panel	25	0%	26	01-Sep-12	04-Oct-12	03-Oct-12	03-Nov...																									Installation of Panel
S26S1880	Road Lighting	36	0%	46	04-Oct-12	28-Nov-12	16-Nov-12	12-Jan...																									Road Lighting
S26S1890	Surfacing	36	0%	46	04-Oct-12	28-Nov-12	16-Nov-12	12-Jan...																									Surfacing
S26S1900	Handover Inspection of Bridge 13A	36	0%	3	28-Nov-12	01-Dec-12	12-Jan-13	16-Jan...																									Handover Inspection of Bridge
Section 3																																	
Site Area SA26A																																	
PHSA26A20	Possession of SA26A (Day0)		100%	0	26-Feb-10 A		25-Nov-11		Possession of SA26A (Day0)																								
SA26A000	Site Area SA26A Works Period	-3	32.08%	1215	26-Feb-10 A	28-Aug-13	26-Feb-10	24-Aug...	Site Area																								
SA26A010	Site Area SA26A Works Completion	-4	0%	0		28-Aug-13*		24-Aug...	Site Area																								
SA26A020	Temporary Traffic Arrangement (Detail shall refer to supplementary information)	-3	31.71%	983	26-Feb-10 A	28-Aug-13	26-Feb-10	24-Aug...	Tempor																								
SA26A030	Overall Utilities Diversion (Detail shall refer to supplementary informati...	-3	31.71%	983	26-Feb-10 A	28-Aug-13	26-Feb-10	24-Aug...	Overall																								
North Bound																																	
Preliminaries																																	
S26AN000	Site Clearance/Access Rd		100%	75	26-Feb-10 A	18-Jun-10 A			Site Clearance/Access Rd																								
S26AN010	Site Clearance		100%	60	26-Feb-10 A	12-May-10 A	21-Jul-11	21-Jul-11	Site Clearance																								
S26AN020	Access Rd		100%	60	07-Apr-10 A	18-Jun-10 A	21-Jul-11	21-Jul-11	Access Rd																								
Slopeworks																																	
S26AN510	Fill Slope (S37A-sn)	238	0%	49	23-Nov-11	21-Jan-12	12-Sep-12	10-Nov...	Fill Slope (S37A-sn)																								
S26AN520	Cut Slope (S40-sn, Including removal of existing retaining wall)		100%	168	19-Jun-10 A	08-Jan-11 A			Cut Slope (S40-sn, Including removal of existing retaining wall)																								
S26AN5211	Slopeworks Cut(S40) - Stage 1 (Cut Slope and Erect Scaffolding)		100%	11	19-Jun-10 A	16-Jul-10 A	21-Jul-11	21-Jul-11	Slopeworks Cut(S40) - Stage 1 (Cut Slope and Erect Scaffolding)																								
S26AN5212	Slopeworks Cut(S40) - Stage 1 (Soil Nail Installation : QRST) 119nos.		100%	11	19-Jul-10 A	18-Aug-10 A	21-Jul-11	21-Jul-11	Slopeworks Cut(S40) - Stage 1 (Soil Nail Installation : QRST) 119nos.																								
S26AN5221	Slopeworks Cut(S40) - Stage 2 (Cut Slope and Erect Scaffolding)		100%	14	19-Aug-10 A	17-Sep-10 A	21-Jul-11	21-Jul-11	Slopeworks Cut(S40) - Stage 2 (Cut Slope and Erect Scaffolding)																								
S26AN5222	Slopeworks Cut(S40) - Stage 2 (Soil Nail Installation : MNOP) 149nos.		100%	14	21-Nov-10 A	26-Dec-10 A	21-Jul-11	21-Jul-11	Slopeworks Cut(S40) - Stage 2 (Soil Nail Installation : MNOP) 149nos.																								
S26AN5231	Slopeworks Cut(S40) - Stage 3 (Cut Slope and Erect Scaffolding)		100%	17	18-Aug-10 A	17-Sep-10 A	21-Jul-11	21-Jul-11	Slopeworks Cut(S40) - Stage 3 (Cut Slope and Erect Scaffolding)																								
S26AN5232	Slopeworks Cut(S40) - Stage 3 (Soil Nail Installation : IJKL) 176nos.		100%	17	27-Dec-10 A	01-Feb-11 A	21-Jul-11	21-Jul-11	Slopeworks Cut(S40) - Stage 3 (Soil Nail Installation : IJKL) 176nos.																								
S26AN5241	Slopeworks Cut(S40) - Stage 4 (Cut Slope and Erect Scaffolding)	47	90%	12	28-Jan-11 A	27-May-11	21-Jul-11	22-Jul-11	Slopeworks Cut(S40) - Stage 4 (Cut Slope and Erect Scaffolding)																								
S26AN5242	Slopeworks Cut(S40) - Stage 4 (Soil Nail Installation : EFGH) 129nos.	47	80%	12	02-Feb-11 A	30-May-11	22-Jul-11	26-Jul-11	Slopeworks Cut(S40) - Stage 4 (Soil Nail Installation : EFGH) 129nos.																								
S26AN5251	Slopeworks Cut(S40) - Stage 5 (Cut Slope and Erect Scaffolding)	47	0%	15	07-Apr-11 A	17-Jun-11	26-Jul-11	12-Aug...	Slopeworks Cut(S40) - Stage 5 (Cut Slope and Erect Scaffolding)																								
S26AN5252	Slopeworks Cut(S40) - Stage 5 (Soil Nail Installation : ABCD) 155nos.	47	0%	11	17-Jun-11	30-Jun-11	12-Aug-11	25-Aug...	Slopeworks Cut(S40) - Stage 5 (Soil Nail Installation : ABCD) 155nos.																								
S26AN5260	Removal of Existing Retaining Wall	47	45%	30	09-Apr-11 A	21-Jul-11	25-Aug-11	14-Sep...	Removal of Existing Retaining Wall																								
S26AN530	Cut Slope (S41-sn)		100%	138	19-Jun-10 A	01-Dec-10 A			Cut Slope (S41-sn)																								
S26AN531	Cut Slope (S41-sn) - Stage 1 (Cut Slope and Erect Scaffolding)		100%	11	19-Jun-10 A	16-Jul-10 A	23-Sep-11	23-Sep...	Cut Slope (S41-sn) - Stage 1 (Cut Slope and Erect Scaffolding)																								
S26AN532	Cut Slope (S41-sn) - Stage 1 (Soil Nail Installation : MNOPQ) 139nos.		100%	11	19-Jul-10 A	13-Aug-10 A	23-Sep-11	23-Sep...	Cut Slope (S41-sn) - Stage 1 (Soil Nail Installation : MNOPQ) 139nos.																								
S26AN533	Cut Slope (S41-sn) - Stage 2 (Cut Slope and Erect Scaffolding)		100%	26	23-Aug-10 A	17-Sep-10 A	23-Sep-11	23-Sep...	Cut Slope (S41-sn) - Stage 2 (Cut Slope and Erect Scaffolding)																								
S26AN534	Cut Slope (S41-sn) - Stage 2 (Soil Nail Installation : IJKL) 323nos.	101	87%	26	28-Dec-10 A	30-May-11	23-Sep-11	28-Sep...	Cut Slope (S41-sn) - Stage 2 (Soil Nail Installation : IJKL) 323nos.																								
S26AN535	Cut Slope (S41-sn) - Stage 3 (Cut Slope and Erect Scaffolding)		100%	20	20-Sep-10 A	27-Nov-10 A	28-Sep-11	28-Sep...	Cut Slope (S41-sn) - Stage 3 (Cut Slope and Erect Scaffolding)																								
S26AN536	Cut Slope (S41-sn) - Stage 3 (Soil Nail Installation : EFGH) 241nos.	101	0%	19	30-May-11	22-Jun-11	28-Sep-11	21-Oct-11	Cut Slope (S41-sn) - Stage 3 (Soil Nail Installation : EFGH) 241nos.																								
S26AN537	Cut Slope (S41-sn) - Stage 4 (Cut Slope and Erect Scaffolding)	101	0%	12	22-Jun-11	07-Jul-11	22-Oct-11	04-Nov...	Cut Slope (S41-sn) - Stage 4 (Cut Slope and Erect Scaffolding)																								
S26AN538	Cut Slope (S41-sn) - Stage 4 (Soil Nail Installation : ABCD) 145nos.	101	0%	12	07-Jul-11	21-Jul-11	05-Nov-11	18-Nov...	Cut Slope (S41-sn) - Stage 4 (Soil Nail Installation : ABCD) 145nos.																								
S26AN540	Slope 7NW-B/C 349		100%	75	02-Oct-10 A	25-Nov-10 A			Slope 7NW-B/C 349																								

Activity ID	Activity Name	Total Float	Activity % Complete	Original Duration	Start	Finish	Late Start	Late Finish	2010																2011				2012				2013										
									Q2				Q3				Q4				Q1				Q2				Q3				Q4										
									2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
S26ANS20	Erect temporary support for demolition	52	0%	49	21-Dec-11	23-Feb-12	27-Feb-12	27-Apr-12	Erect temporary support for demolition																																		
S26ANS30	Demolition of Existing Bridge 18	47	0%	50	29-Feb-12	03-May-12	28-Apr-12	28-Jun-12	Demolition of Existing Bridge 18																																		
S26ANS40	Removal of temporary support	47	0%	22	03-May-12	30-May-12	29-Jun-12	25-Jul-12	Removal of temporary support																																		
Site Area SA27																																											
PHSA2720	Possession of SA27		100%	0	26-Mar-10 A		26-Jun-14		◇ Possession of SA27																																		
SA270000	Site Area SA27 Works Period	0	35.89%	1187	26-Mar-10 A	25-Jun-13	26-Mar-10	25-Jun-13	Site Area SA27 Works Period																																		
SA270010	Site Area SA27 Works Completion	0	0%	0		25-Jun-13*		25-Jun-13	◇ Site Area SA27 Works Completion																																		
SA270020	Temporary Traffic Arrangement (Detail shall refer to supplementary information)	0	35.66%	959	26-Mar-10 A	25-Jun-13	26-Mar-10	25-Jun-13	Temporary Traffic Arrangement																																		
SA270030	Overall Utilities Diversion (Detail shall refer to supplementary informati...)	0	35.66%	959	26-Mar-10 A	25-Jun-13	26-Mar-10	25-Jun-13	Overall Utilities Diversion																																		
South Bound																																											
Slopeworks																																											
S27S0000	Site Clearance/Access Rd		100%	130	27-Mar-10 A	03-Sep-10 A			Site Clearance/Access Rd																																		
S27S0001	Site Clearance (Stage 1)		100%	40	27-Mar-10 A	18-May-10 A	21-May-11	21-May-11	Site Clearance (Stage 1)																																		
S27S0002	Site Clearance (Stage 2)		100%	40	19-Jun-10 A	05-Aug-10 A	21-May-11	21-May-11	Site Clearance (Stage 2)																																		
S27S0004	Access Rd (Stage 1)		100%	40	30-Apr-10 A	18-Jun-10 A	21-May-11	21-May-11	Access Rd (Stage 1)																																		
S27S0005	Access Rd (Stage 2)		100%	40	20-Jul-10 A	03-Sep-10 A	21-May-11	21-May-11	Access Rd (Stage 2)																																		
S27S5000	Slopeworks Cut(S34)	30	80%	46	28-Dec-10 A	07-Jun-11	30-Jun-11	13-Jul-11	Slopeworks Cut(S34)																																		
S27S5100	Slopeworks Cut(S42), Fill(S43)	119	20%	75	28-Dec-10 A	05-Aug-11	28-Dec-10	28-Dec-10	Slopeworks Cut(S42), Fill(S43)																																		
S27S5101	Slopeworks Cut(S42)	119	10%	60	28-Dec-10 A	29-Jul-11	18-Oct-11	19-Dec-11	Slopeworks Cut(S42)																																		
S27S5102	Slopeworks Fill(S43)	119	0%	60	26-May-11	05-Aug-11	18-Oct-11	28-Dec-11	Slopeworks Fill(S43)																																		
S27S5110	Slopeworks Cut(S37)	92	0%	0	18-Nov-10 A	06-Sep-11	18-Nov-10	28-Dec-10	Slopeworks Cut(S37)																																		
S27S5111	Slopeworks Cut(S37) - Stage 1, +40mPD	92	60%	62	18-Nov-10 A	24-Jun-11	14-Sep-11	14-Oct-11	Slopeworks Cut(S37) - Stage 1, +40mPD																																		
S27S5112	Slopeworks Cut(S37) - Stage 2, +33.8mPD	92	0%	62	24-Jun-11	06-Sep-11	15-Oct-11	28-Dec-11	Slopeworks Cut(S37) - Stage 2, +33.8mPD																																		
S27S5120	Slopeworks Fill(S38)(Including removal of existing retaining wall)	89	0%	185	26-May-11	05-Jan-12	09-Sep-11	26-Apr-12	Slopeworks Fill(S38)(Including removal of existing retaining wall)																																		
S27S5121	Slopeworks Fill(S38) : Removal of existing retaining wall	89	0%	49	26-May-11	23-Jul-11	09-Sep-11	08-Nov-11	Slopeworks Fill(S38) : Removal of existing retaining wall																																		
S27S5122	Slopeworks Fill(S38) - Stage 1, +32mPD	89	0%	48	25-Jul-11	19-Sep-11	09-Nov-11	06-Jan-12	Slopeworks Fill(S38) - Stage 1, +32mPD																																		
S27S5123	Slopeworks Fill(S38) - Stage 2, +34mPD	89	0%	45	20-Sep-11	12-Nov-11	07-Jan-12	02-Mar-12	Slopeworks Fill(S38) - Stage 2, +34mPD																																		
S27S5124	Slopeworks Fill(S38) - Stage 3, formation level	89	0%	43	14-Nov-11	05-Jan-12	03-Mar-12	26-Apr-12	Slopeworks Fill(S38) - Stage 3, formation level																																		
S27S5130	Slopeworks Cut(S39)		100%	138	19-Jun-10 A	23-Feb-11 A			Slopeworks Cut(S39)																																		
S27S5131	Slopeworks Cut(S39) - Stage 1, +37mPD		100%	46	19-Jun-10 A	12-Aug-10 A	08-Nov-11	08-Nov-11	Slopeworks Cut(S39) - Stage 1, +37mPD																																		
S27S5132	Slopeworks Cut(S39) - Stage 2, +35mPD		100%	46	13-Aug-10 A	07-Oct-10 A	08-Nov-11	08-Nov-11	Slopeworks Cut(S39) - Stage 2, +35mPD																																		
S27S5133	Slopeworks Cut(S39) - Stage 3, formation level		100%	46	28-Dec-10 A	23-Feb-11 A	08-Nov-11	08-Nov-11	Slopeworks Cut(S39) - Stage 3, formation level																																		
Construction of Retaining Wall W66/67 (CSD 2) & W71																																											
S27S1100	W66 & W67 (CSD 2)		100%	45	02-Oct-10 A	19-Mar-11 A			W66 & W67 (CSD 2)																																		
S27S1101	Base Slab (W66)		100%	7	02-Oct-10 A	01-Nov-10 A	08-Nov-11	08-Nov-11	Base Slab (W66)																																		
S27S1102	Wall Stem (W66)		100%	7	02-Nov-10 A	26-Dec-10 A	08-Nov-11	08-Nov-11	Wall Stem (W66)																																		
S27S1103	Base Slab (W67)		100%	7	08-Nov-10 A	25-Dec-10 A	08-Nov-11	08-Nov-11	Base Slab (W67)																																		
S27S1113	Wall Stem (W67)		100%	7	28-Feb-11 A	19-Mar-11 A	08-Nov-11	08-Nov-11	Wall Stem (W67)																																		
S27S1200	Retaining Wall W71 (Bay1 - Bay5)		100%	110	02-Jun-10 A	12-Oct-10 A			Retaining Wall W71 (Bay1 - Bay5)																																		
S27S1210	Retaining Wall W71 : Base Slab		100%	55	02-Jun-10 A	06-Aug-10 A	18-Oct-11	18-Oct-11	Retaining Wall W71 : Base Slab																																		
S27S1220	Retaining Wall W71 : Wall Stem		100%	55	07-Aug-10 A	12-Oct-10 A	18-Oct-11	18-Oct-11	Retaining Wall W71 : Wall Stem																																		
Roadworks, Drainage & Utilities																																											
S27S4000	Roadworks, Drainages & Utilities	89	0%	261	06-Sep-11	26-Jul-12	29-Dec-11	10-Nov-12	Roadworks, Drainages & Utilities																																		
S27S4002	Utilities - Stage 1	92	0%	60	06-Sep-11	18-Nov-11	29-Dec-11	12-Mar-12	Utilities - Stage 1																																		
S27S4004	Drainages - Stage 1	92	0%	60	28-Sep-11	09-Dec-11	20-Jan-12	02-Apr-12	Drainages - Stage 1																																		
S27S4010	Road Surface - Stage 1	89	0%	60	06-Jan-12	19-Mar-12	27-Apr-12	10-Jul-12	Road Surface - Stage 1																																		
S27S4012	Roadmark and Lane Shifting - Stage 1	162	0%	30	20-Mar-12	27-Apr-12	06-Oct-12	10-Nov-12	Roadmark and Lane Shifting - Stage 1																																		
S27S4020	Utilities - Stage 2	89	0%	75	20-Mar-12	21-Jun-12	11-Jul-12	08-Oct-12	Utilities - Stage 2																																		
S27S4040	Road Surface, Roadmark and Lane Shifting, Stage 2	89	0%	75	26-Apr-12	26-Jul-12	13-Aug-12	10-Nov-12	Road Surface, Roadmark and Lane Shifting, Stage 2																																		
S27S4050	Drainages - Stage 2	89	0%	75	26-Apr-12	26-Jul-12	13-Aug-12	10-Nov-12	Drainages - Stage 2																																		
Noise Barriers & Road Barriers																																											
S27S3000	Construct Beam Barrier	92	0%	240	28-Sep-11	23-Jul-12	20-Jan-12	10-Nov-12	Construct Beam Barrier																																		
S27S3010	Beam Barrier : Erection of Short Column - Stage 1	92	0%	60	28-Sep-11	09-Dec-11	20-Jan-12	02-Apr-12	Beam Barrier : Erection of Short Column - Stage 1																																		
S27S3020	Beam Barrier : Installation of M-Barrier - Stage 1	92	0%	60	09-Dec-11	24-Feb-12	03-Apr-12	18-Jun-12	Beam Barrier : Installation of M-Barrier - Stage 1																																		
S27S3030	Beam Barrier : Erection of Short Column - Stage 2	92	0%	60	24-Feb-12	10-May-12	19-Jun-12	29-Aug-12	Beam Barrier : Erection of Short Column - Stage 2																																		
S27S3040	Beam Barrier : Installation of M-Barrier - Stage 2	92	0%	60	10-May-12	23-Jul-12	30-Aug-12	10-Nov-12	Beam Barrier : Installation of M-Barrier - Stage 2																																		

Activity ID	Activity Name	Total Float	Activity % Complete	Original Duration	Start	Finish	Late Start	Late Finish	2010												2011				2012				2013							
									Q2			Q3			Q4			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4							
									2	3	4	5	6	7	8	9	10	11	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
Construction of Bridge 15A																																				
Preparatory and Enabling Works																																				
S26AS205	Site Clearance		100%	102	01-Jun-10 A	30-Sep-10 A	25-Nov-11	25-Nov...	Site Clearance																											
S26AS210	Hual Road		100%	102	01-Jun-10 A	30-Sep-10 A	14-Jan-12	14-Jan...	Hual Road																											
S26AS215	11KV Diversion, CLP		100%	102	01-Jun-10 A	30-Sep-10 A	14-Jan-12	14-Jan...	11KV Diversion, CLP																											
S26AS225	2 nos. Existing fresh water mains diversion		100%	36	26-Jan-11 A	11-Mar-11 A	14-Jan-12	14-Jan...	2 nos. Existing fresh water mains diversion																											
S26AS235	Existing tel cable diversion, PCCW		100%	36	26-Jan-11 A	11-Mar-11 A	25-Nov-11	25-Nov...	Existing tel cable diversion, PCCW																											
S26AS245	HyD/Lighting		100%	60	26-Jan-11 A	09-Apr-11 A	25-Nov-11	25-Nov...	HyD/Lighting																											
Substructure and Pier Construction																																				
South Abutment, P1 to P5																																				
S26AS220	Piling - South Abutment, P1 to P5	13	88.72%	335	02-Jul-10 A	11-Jul-11	02-Jul-10	27-Jul-11	Piling - South Abutment, P1 to P5																											
S26AS230	Excavation & Cap-South Abutment, P1 to P5	127	56.74%	173	07-Feb-11 A	23-Aug-11	07-Feb-11	30-Jan...	Excavation & Cap-South Abutment, P1 to P5																											
S26AS240	Pier & backfill, South Abutment, P1 to P5	157	1.25%	112	23-Mar-11 A	07-Oct-11	23-Mar-11	20-Apr-12	Pier & backfill, South Abutment, P1 to P5																											
South Abutment																																				
S26AS2201	Piling - South Abutment		100%	71	02-Jul-10 A	07-Feb-11 A	14-Jan-12	14-Jan...	Piling - South Abutment																											
S26AS2301	Cap & Backfill - South Abutment		100%	37	07-Feb-11 A	22-Mar-11 A	20-Aug-12	20-Aug...	Cap & Backfill - South Abutment																											
S26AS2401	Pier - P1	368	5%	21	23-Mar-11 A	18-Jun-11	20-Aug-12	12-Sep...	Pier - P1																											
P1																																				
S26AS2202	Piling - P1		100%	66	18-Jan-11 A	09-Apr-11 A	17-Mar-12	17-Mar...	Piling - P1																											
S26AS2302	Cap & Backfill - P1	291	15%	37	16-Apr-11 A	04-Jul-11	17-May-12	26-Jun...	Cap & Backfill - P1																											
S26AS2402	Pier - P1	291	0%	36	04-Jul-11	15-Aug-11	26-Jun-12	08-Aug...	Pier - P1																											
P2																																				
S26AS2203	Piling - P2	243	82%	66	28-Mar-11 A	09-Jun-11	17-Mar-12	31-Mar...	Piling - P2																											
S26AS2303	Cap & Backfill - P2	243	0%	37	09-Jun-11	23-Jul-11	31-Mar-12	19-May...	Cap & Backfill - P2																											
S26AS2403	Pier - P2	243	0%	36	23-Jul-11	03-Sep-11	19-May-12	04-Jul-12	Pier - P2																											
P3																																				
S26AS2204	Piling - P3		100%	66	28-Dec-10 A	01-Feb-11 A	14-Jan-12	14-Jan...	Piling - P3																											
S26AS2304	Cap & Backfill - P3	231	15%	37	26-Mar-11 A	04-Jul-11	02-Mar-12	13-Apr-12	Cap & Backfill - P3																											
S26AS2404	Pier - P3	231	0%	36	04-Jul-11	15-Aug-11	13-Apr-12	26-May...	Pier - P3																											
P4																																				
S26AS2205	Piling - P4		100%	63	09-Feb-11 A	26-Mar-11 A	14-Jan-12	14-Jan...	Piling - P4																											
S26AS2305	Cap & Backfill - P4	193	15%	46	07-Apr-11 A	13-Jul-11	14-Jan-12	05-Mar...	Cap & Backfill - P4																											
S26AS2405	Pier - P4	193	0%	36	13-Jul-11	24-Aug-11	05-Mar-12	20-Apr-12	Pier - P4																											
P5																																				
S26AS2206	Piling - P5	13	30%	54	18-Apr-11 A	11-Jul-11	11-Jun-11	27-Jul-11	Piling - P5																											
S26AS2306	Cap & Backfill - P5	127	0%	37	11-Jul-11	23-Aug-11	10-Dec-11	30-Jan...	Cap & Backfill - P5																											
S26AS2406	Pier - P5	127	0%	36	23-Aug-11	07-Oct-11	30-Jan-12	12-Mar...	Pier - P5																											
P6																																				
S26AS222	Piling-P6	-3	0%	54	30-Jul-11	04-Oct-11	27-Jul-11	29-Sep...	Piling-P6																											
S26AS232	Cap & Backfill - P6	-3	0%	36	04-Oct-11	16-Nov-11	29-Sep-11	12-Nov...	Cap & Backfill - P6																											
S26AS242	Pier-P6	-3	0%	36	16-Nov-11	30-Dec-11	12-Nov-11	24-Dec...	Pier-P6																											
North Abutment																																				
S26AS224	Piling-North Abutment	-2	0%	72	01-Sep-11	28-Nov-11	30-Aug-11	25-Nov...	Piling-North Abutment																											
S26AS234	Excavation & Cap-North Abutment	-2	0%	25	28-Nov-11	29-Dec-11	25-Nov-11	24-Dec...	Excavation & Cap-North Abutment																											
S26AS244	Pier & backfill, North Abutment	-3	0%	31	30-Dec-11	09-Feb-12	24-Dec-11	06-Feb...	Pier & backfill, North Abutment																											
Decking and Finishing																																				
S26AS250	Bridge Deck (7 spans) (Bearing, Drainage & MJ included)	-3	0%	220	09-Feb-12	05-Nov-12	06-Feb-12	01-Nov...	Bridge Deck (7 spans) (Bearing, Drainage & MJ included)																											
S26AS2501	Bridge Deck - North Abutment to Pier 6	-3	0%	40	09-Feb-12	27-Mar-12	06-Feb-12	23-Mar...	Bridge Deck - North Abutment to Pier 6																											
S26AS2502	Bridge Deck - Pier 6 to Pier 5	-3	0%	40	15-Mar-12	07-May-12	12-Mar-12	03-May...	Bridge Deck - Pier 6 to Pier 5																											
S26AS2503	Bridge Deck - Pier 5 to Pier 4	-3	0%	40	24-Apr-12	12-Jun-12	20-Apr-12	08-Jun...	Bridge Deck - Pier 5 to Pier 4																											
S26AS2504	Bridge Deck - Pier 4 to Pier 3	-3	0%	40	31-May-12	19-Jul-12	26-May-12	16-Jul-12	Bridge Deck - Pier 4 to Pier 3																											
S26AS2505	Bridge Deck - Pier 3 to Pier 2	-3	0%	40	07-Jul-12	23-Aug-12	04-Jul-12	20-Aug...	Bridge Deck - Pier 3 to Pier 2																											
S26AS2506	Bridge Deck - Pier 2 to Pier 1	-3	0%	40	11-Aug-12	27-Sep-12	08-Aug-12	24-Sep...	Bridge Deck - Pier 2 to Pier 1																											
S26AS2507	Bridge Deck - Pier 1 to South Abutment	-3	0%	40	15-Sep-12	05-Nov-12	12-Sep-12	01-Nov...	Bridge Deck - Pier 1 to South Abutment																											
S26AS255	Parapet	-3	0%	60	25-Sep-12	07-Dec-12	21-Sep-12	04-Dec...	Parapet																											
S26AS260	Noise Barrier for Bridge 15A	-3	0%	60	18-Oct-12	31-Dec-12	15-Oct-12	27-Dec...	Noise Barrier for Bridge 15A																											

Activity ID	Activity Name	Total Float	Activity % Complete	Original Duration	Start	Finish	Late Start	Late Finish	2010												2011				2012				2013							
									Q2			Q3			Q4			Q1		Q2		Q3		Q4		Q1		Q2		Q3		Q4				
									2	3	4	5	6	7	8	9	10	11	12	1	2	1	2	1	2	3	4	1	2	3	4	1	2	3	4	
S26AS262	Surfacing	-3	0%	60	16-Nov-12	29-Jan-13	13-Nov-12	25-Jan-13																												
S26AS265	Lighting	-3	0%	58	07-Dec-12	20-Feb-13	04-Dec-12	16-Feb-13																												
S26AS280	Handover Inspection of Bridge 15A	-3	0%	3	20-Feb-13	23-Feb-13	16-Feb-13	20-Feb-13																												
Section 4																																				
Site Area SA28																																				
PHSA2820	Possession of SA28 (Day0)		100%	0	26-Feb-10 A	06-Sep-11			Possession of SA28 (Day0)																											
SA280000	Site Area SA28 Works Period	1	34.54%	1216	26-Feb-10 A	30-Jul-13	26-Feb-10	30-Jul-13	Site Area SA28 Works Period																											
SA280010	Site Area SA28 Works Completion	0	0%	0	26-Feb-10 A	30-Jul-13*	26-Feb-10	30-Jul-13	Site Area SA28 Works Completion																											
SA280030	Temporary Traffic Arrangement (Detail shall refer to supplementary information)	0	34.28%	983	26-Feb-10 A	30-Jul-13	26-Feb-10	30-Jul-13	Temporary Traffic Arrangement																											
SA280040	Overall Utilities Diversion (Detail shall refer to supplementary information)	0	34.28%	983	26-Feb-10 A	30-Jul-13	26-Feb-10	30-Jul-13	Overall Utilities Diversion																											
North Bound																																				
Preliminaries																																				
S28N0000	Site Clearance/Access Rd		100%	239	26-Feb-10 A	19-Feb-11 A			Site Clearance/Access Rd																											
S28N0010	Site Clearance (ch 4830-5250)		100%	75	26-Feb-10 A	05-Jun-10 A	26-Apr-11	26-Apr-11	Site Clearance (ch 4830-5250)																											
S28N0020	Site Clearance (ch 5250-5700)		100%	75	17-Apr-10 A	23-Jul-10 A	27-May-11	27-May-11	Site Clearance (ch 5250-5700)																											
S28N0110	Access Rd (ch 4830-5250)		100%	75	30-Jun-10 A	04-Oct-10 A	09-Mar-12	09-Mar-12	Access Rd (ch 4830-5250)																											
S28N0120	Access Rd (ch 5250-5700)		100%	75	09-Sep-10 A	19-Feb-11 A	09-Mar-12	09-Mar-12	Access Rd (ch 5250-5700)																											
Slopeworks																																				
S28N5000	Slopeworks Fill S44	36	0%	25	26-May-11	24-Jun-11	09-Jul-11	06-Aug-11	Slopeworks Fill S44																											
S28N5010	Slopeworks Fill S45	235	0%	40	22-Feb-12	12-Apr-12	05-Dec-12	23-Jan-13	Slopeworks Fill S45																											
Construction of Retaining Wall																																				
Retaining Wall W72B (CSD 1)																																				
S28N2010	Prepare Piling Platform for W72B		100%	13	14-Sep-10 A	29-Sep-10 A	21-May-11	21-May-11	Prepare Piling Platform for W72B																											
S28N2020	Pre-drilling for W72B		100%	13	14-Sep-10 A	29-Sep-10 A	21-May-11	21-May-11	Pre-drilling for W72B																											
S28N2040	Piling works		100%	24	01-Mar-11 A	21-Mar-11 A	21-May-11	21-May-11	Piling works																											
S28N2050	Capping/Walling for W72B	-4	18%	50	26-Apr-11 A	14-Jul-11	26-Apr-11	09-Jul-11	Capping/Walling for W72B																											
S28N2051	Pile Cap for W72B	-4	30%	30	26-Apr-11 A	20-Jun-11	21-May-11	15-Jun-11	Pile Cap for W72B																											
S28N2052	Walling for W72B	-4	0%	20	21-Jun-11	14-Jul-11	16-Jun-11	09-Jul-11	Walling for W72B																											
S28N2060	Backfilling	-4	0%	24	15-Jul-11	11-Aug-11	11-Jul-11	06-Aug-11	Backfilling																											
Retaining Wall W73 (CSD 1)																																				
S28N2071	Excavation & ELS		100%	24	14-Sep-10 A	13-Oct-10 A	09-Jul-11	09-Jul-11	Excavation & ELS																											
S28N2072	W73 wall Structure (7 bays)		100%	45	01-Mar-11 A	20-Apr-11 A			W73 wall Structure (7 bays)																											
S28N2073	Base Slab W73		100%	24	01-Mar-11 A	28-Mar-11 A	09-Jul-11	09-Jul-11	Base Slab W73																											
S28N2074	Wall Stem & W73		100%	24	25-Mar-11 A	20-Apr-11 A	09-Jul-11	09-Jul-11	Wall Stem & W73																											
S28N2080	Backfill	-4	0%	24	15-Jul-11	11-Aug-11	11-Jul-11	06-Aug-11	Backfill																											
Retaining Wall for Accom. Underpass Extn. (CSD 1)																																				
S28N2082	Pre-drilling for Accommodation Underpass Extension		100%	30	30-Jun-10 A	04-Aug-10 A	26-Jun-11	26-Jun-11	Pre-drilling for Accommodation Underpass Extension																											
S28N2084	Prepare Piling Platform for Accom. Underpass Extn		100%	30	30-Jun-10 A	04-Aug-10 A	13-Jun-11	13-Jun-11	Prepare Piling Platform for Accom. Underpass Extn																											
S28N2088	Piling works		100%	45	01-Mar-11 A	25-Mar-11 A	13-Jun-11	13-Jun-11	Piling works																											
S28N2090	Capping/Walling	14	38.89%	54	26-Mar-11 A	05-Jul-11	26-Mar-11	21-Jul-11	Capping/Walling																											
S28N20901	Capping (AUE)	14	40%	45	26-Mar-11 A	27-Jun-11	13-Jun-11	14-Jul-11	Capping (AUE)																											
S28N20902	Walling (AUE)	14	40%	55	26-Mar-11 A	05-Jul-11	13-Jun-11	21-Jul-11	Walling (AUE)																											
S28N2092	Backfilling	14	0%	14	06-Jul-11	21-Jul-11	22-Jul-11	06-Aug-11	Backfilling																											
Retaining Wall W74																																				
S28N2105	Liasion with location resident for slip road diversion		100%	75	26-Feb-10 A	05-Jun-10 A	26-Apr-11	26-Apr-11	Liasion with location resident for slip road diversion																											
S28N2115	Utilities Diversion		100%	60	07-Jun-10 A	17-Aug-10 A	26-Apr-11	26-Apr-11	Utilities Diversion																											
S28N2120	Temporary road and pedestrian diversion		100%	60	18-Aug-10 A	29-Oct-10 A	26-Apr-11	26-Apr-11	Temporary road and pedestrian diversion																											
S28N2125	Pre-drilling for Piles		100%	15	21-Oct-10 A	19-Nov-10 A	26-Apr-11	26-Apr-11	Pre-drilling for Piles																											
S28N2130	Confirmation of Founding Level		100%	19	26-Mar-11 A	18-Apr-11 A	26-Apr-11	26-Apr-11	Confirmation of Founding Level																											
S28N2135	Piling work for W74	-24	0%	73	26-May-11	20-Aug-11	26-Apr-11	23-Jul-11	Piling work for W74																											
S28N2140	Temporary Work for Excavation	-24	0%	20	22-Aug-11	14-Sep-11	25-Jul-11	16-Aug-11	Temporary Work for Excavation																											
S28N2145	Excavation and Tie Back to Formation Level	-24	0%	18	15-Sep-11	07-Oct-11	17-Aug-11	06-Sep-11	Excavation and Tie Back to Formation Level																											
S28N2150	Pile Head Trimming and bearing plate	-24	0%	14	08-Oct-11	24-Oct-11	07-Sep-11	23-Sep-11	Pile Head Trimming and bearing plate																											
S28N2155	Retaining Wall Construction (10 bays)	-24	0%	143	27-Oct-11	21-Apr-12	27-Sep-11	20-Mar-12	Retaining Wall Construction (10 bays)																											
S28N2156	Base Slab (W74) (Bay 1-5)	-24	0%	32	27-Oct-11	02-Dec-11	27-Sep-11	04-Nov-11	Base Slab (W74) (Bay 1-5)																											
S28N2157	Base Slab (W74) (Bay 6-10)	-24	0%	32	03-Dec-11	12-Jan-12	05-Nov-11	12-Dec-11	Base Slab (W74) (Bay 6-10)																											

Activity ID	Activity Name	Total Float	Activity % Complete	Original Duration	Start	Finish	Late Start	Late Finish	2010				2011				2012				2013										
									Q2		Q3		Q4		Q1		Q2		Q3		Q4		Q1		Q2		Q3		Q4		
									2	3	4	5	6	7	8	9	10	11	1	2	3	4	5	6	7	8	9	10	11	1	2
Landscaping																															
S28N6000	Landscaping Works	89	0%	240	20-Jun-12	12-Apr-13	06-Oct-12	30-Jul-13	Landscaping Works																						
S28N6010	Landscaping Works - Stage 1	89	0%	60	20-Jun-12	30-Aug-12	06-Oct-12	15-Dec...	Landscaping Works - Stage 1																						
S28N6020	Landscaping Works - Stage 2	89	0%	60	31-Aug-12	12-Nov-12	17-Dec-12	02-Mar...	Landscaping Works - Stage 2																						
S28N6030	Landscaping Works - Stage 3	89	0%	60	13-Nov-12	24-Jan-13	04-Mar-13	18-May...	Landscaping Works - Stage 3																						
S28N6040	Landscaping Works - Stage 4	89	0%	60	25-Jan-13	12-Apr-13	20-May-13	30-Jul-13	Landscaping Works - Stage 4																						
South Bound																															
Preliminaries																															
S28S0000	Site Clearance/Access Rd		100%	0	23-Jun-10 A	01-Feb-11 A			Site Clearance/Access Rd																						
S28S0010	Site Clearance		100%	75	23-Jun-10 A	18-Sep-10 A	10-Aug-11	10-Aug...	Site Clearance																						
S28S0020	Access Rd		100%	75	27-Jul-10 A	01-Feb-11 A	10-Aug-11	10-Aug...	Access Rd																						
Roadworks, Drainage & Utilities																															
S28S4010	Roadworks, Drainages & Utilities	63	0%	428	30-Nov-11	14-May-13	18-Feb-12	30-Jul-13	Roadworks, Drainages & Utilities																						
S28S4020	Road Surface, Roadmark - Stage 1	63	0%	75	19-May-12	17-Aug-12	04-Aug-12	02-Nov...	Road Surface, Roadmark - Stage 1																						
S28S4021	Drainages - Stage 1	63	0%	75	02-Apr-12	06-Jul-12	21-Jun-12	18-Sep...	Drainages - Stage 1																						
S28S4022	Utilities - Stage 1	63	0%	75	30-Nov-11	02-Mar-12	18-Feb-12	21-May...	Utilities - Stage 1																						
S28S4030	Road Surface, Roadmark and Lane Shifting - Stage 2	63	0%	75	07-Feb-13	14-May-13	30-Apr-13	30-Jul-13	Road Surface, Roadmark and Lane Shifting - Stage 2																						
S28S4031	Drainages - Stage 2	63	0%	75	24-Dec-12	27-Mar-13	14-Mar-13	17-Jun...	Drainages - Stage 2																						
S28S4032	Utilities - Stage 2	63	0%	75	18-Aug-12	16-Nov-12	03-Nov-12	01-Feb...	Utilities - Stage 2																						
Noise Barriers & Road Barriers																															
S28S2001	Excavation for NB44	84	60.27%	219	25-Aug-10 A	06-Sep-11	25-Aug-10	16-Dec...	Excavation for NB44																						
S28S20010	Excavation for NB44 (Bay1& Bay2)		100%	44	25-Aug-10 A	18-Oct-10 A	10-Aug-11	10-Aug...	Excavation for NB44 (Bay1& Bay2)																						
S28S20011	Excavation for NB44 (Bay3 & Bay4)		100%	44	19-Oct-10 A	08-Dec-10 A	10-Aug-11	10-Aug...	Excavation for NB44 (Bay3 & Bay4)																						
S28S20012	Excavation for NB44 (Bay5 & Bay6)		100%	44	26-Apr-11 A	26-May-11 A	10-Aug-11	10-Aug...	Excavation for NB44 (Bay5 & Bay6)																						
S28S20013	Excavation for NB44 (Bay7 & Bay8)	79	0%	44	26-May-11	18-Jul-11	29-Aug-11	21-Oct-11	Excavation for NB44 (Bay7 & Bay8)																						
S28S20014	Excavation for NB44 (Bay9 & Bay10)	84	0%	43	19-Jul-11	06-Sep-11	28-Oct-11	16-Dec...	Excavation for NB44 (Bay9 & Bay10)																						
S28S2002	Noise Barrier Footing Construction for NB44	63	44.68%	282	26-Mar-11 A	29-Nov-11	26-Mar-11	17-Feb...	Noise Barrier Footing Construction for NB44																						
S28S20020	Noise Barrier Footing Construction for NB44 (Bay 1)		100%	32	26-Mar-11 A	15-Apr-11 A	10-Aug-11	10-Aug...	Noise Barrier Footing Construction for NB44 (Bay 1)																						
S28S20021	Noise Barrier Footing Construction for NB44 (Bay 2)		100%	32	06-Apr-11 A	21-Apr-11 A	10-Aug-11	10-Aug...	Noise Barrier Footing Construction for NB44 (Bay 2)																						
S28S20022	Noise Barrier Footing Construction for NB44 (Bay 3)		100%	32	26-Apr-11 A	26-May-11 A	10-Aug-11	10-Aug...	Noise Barrier Footing Construction for NB44 (Bay 3)																						
S28S20023	Noise Barrier Footing Construction for NB44 (Bay 4)		100%	30	26-Apr-11 A	26-May-11 A	10-Aug-11	10-Aug...	Noise Barrier Footing Construction for NB44 (Bay 4)																						
S28S20024	Noise Barrier Footing Construction for NB44 (Bay 5)	63	0%	30	26-May-11	30-Jun-11	10-Aug-11	14-Sep...	Noise Barrier Footing Construction for NB44 (Bay 5)																						
S28S20025	Noise Barrier Footing Construction for NB44 (Bay 6)	63	0%	30	02-Jul-11	05-Aug-11	15-Sep-11	21-Oct-11	Noise Barrier Footing Construction for NB44 (Bay 6)																						
S28S20026	Noise Barrier Footing Construction for NB44 (Bay 7)	63	0%	24	06-Aug-11	02-Sep-11	22-Oct-11	18-Nov...	Noise Barrier Footing Construction for NB44 (Bay 7)																						
S28S20027	Noise Barrier Footing Construction for NB44 (Bay 8)	63	0%	24	03-Sep-11	03-Oct-11	19-Nov-11	16-Dec...	Noise Barrier Footing Construction for NB44 (Bay 8)																						
S28S20028	Noise Barrier Footing Construction for NB44 (Bay 9)	63	0%	24	04-Oct-11	01-Nov-11	17-Dec-11	17-Jan...	Noise Barrier Footing Construction for NB44 (Bay 9)																						
S28S20029	Noise Barrier Footing Construction for NB44 (Bay 10)	63	0%	24	02-Nov-11	29-Nov-11	18-Jan-12	17-Feb...	Noise Barrier Footing Construction for NB44 (Bay 10)																						
S28S3000	Construct Noise Barrier NB36, NB37 & Beam Barrier	63	0%	428	30-Nov-11	14-May-13	18-Feb-12	30-Jul-13	Construct Noise Barrier NB36, NB37 & Beam Barrier																						
S28S3010	Construct Noise Barrier NB36 : Foundation Works	63	0%	68	30-Nov-11	23-Feb-12	18-Feb-12	12-May...	Construct Noise Barrier NB36 : Foundation Works																						
S28S3020	Construct Noise Barrier NB36 : Installation of H-column & Panel	63	0%	72	24-Feb-12	23-May-12	14-May-12	08-Aug...	Construct Noise Barrier NB36 : Installation of H-column & Panel																						
S28S3030	Construct Noise Barrier NB37 : Foundation Works	63	0%	72	24-May-12	18-Aug-12	09-Aug-12	03-Nov...	Construct Noise Barrier NB37 : Foundation Works																						
S28S3040	Construct Noise Barrier NB37 : Installation of H-column & Panel	63	0%	72	20-Aug-12	14-Nov-12	05-Nov-12	30-Jan...	Construct Noise Barrier NB37 : Installation of H-column & Panel																						
S28S3050	Construct Beam Barrier NB44: Erecting Short Column	63	0%	72	15-Nov-12	09-Feb-13	31-Jan-13	03-May...	Construct Beam Barrier NB44: Erecting Short Column																						
S28S3060	Construct Beam Barrier NB44: Installation of M-Panel	63	0%	72	14-Feb-13	14-May-13	04-May-13	30-Jul-13	Construct Beam Barrier NB44: Installation of M-Panel																						
Traffic Control & Surveillance System																															
S28S4800	TCSS	63	0%	360	24-Feb-12	14-May-13	14-May-12	30-Jul-13	TCSS																						
S28S4810	TCSS - Stage 1 (ch4820 - ch4980)	63	0%	72	24-Feb-12	23-May-12	14-May-12	08-Aug...	TCSS - Stage 1 (ch4820 - ch4980)																						
S28S4820	TCSS - Stage 2 (ch4980 - ch5150)	63	0%	72	24-May-12	18-Aug-12	09-Aug-12	03-Nov...	TCSS - Stage 2 (ch4980 - ch5150)																						
S28S4830	TCSS - Stage 3 (ch5150 - ch5310)	63	0%	72	20-Aug-12	14-Nov-12	05-Nov-12	30-Jan...	TCSS - Stage 3 (ch5150 - ch5310)																						
S28S4840	TCSS - Stage 4 (ch5310 - ch5520)	63	0%	72	15-Nov-12	09-Feb-13	31-Jan-13	03-May...	TCSS - Stage 4 (ch5310 - ch5520)																						
S28S4850	TCSS - Stage 5 (ch5520 - ch5640), G56	63	0%	72	14-Feb-13	14-May-13	04-May-13	30-Jul-13	TCSS - Stage 5 (ch5520 - ch5640), G56																						
Modification of Existing Bridge																															
S28S1200	Modification of Lam Kam Rd. Flyover	-24	0%	53	20-May-13	22-Jul-13	19-Apr-13	22-Jun...	Modification of Lam Kam Rd. Flyover																						
S28S1210	Removing Central Barrier	-24	0%	28	20-May-13	21-Jun-13	19-Apr-13	23-May...	Removing Central Barrier																						
S28S1230	Raising Carriage Level	-24	0%	25	22-Jun-13	22-Jul-13	24-May-13	22-Jun...	Raising Carriage Level																						
Road Resurfacing & Line Marking																															
S28S4900	Resurfacing/Line Marking S/B SA28/SA26A(part)	-20	0%	80	20-May-13	22-Aug-13	24-Apr-13	30-Jul-13	Resurfacing/Line Marking S/B SA28/SA26A(part)																						
S28S4910	Resurfacing S/B SA28	-20	0%	28	20-May-13	21-Jun-13	24-Apr-13	28-May...	Resurfacing S/B SA28																						



Activity ID	Activity Name	Total Float	Activity % Complete	Original Duration	Start	Finish	Late Start	Late Finish	2010				2011				2012				2013									
									Q2		Q3		Q4		Q1		Q2		Q3		Q4		Q1		Q2		Q3		Q4	
									2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11
South Ramp																														
S28N1213	Temporary Work for Excavation	39	0%	30	27-Apr-12	04-Jun-12	15-Jun-12	21-Jul-12																						
S28N1214	Excavation	39	0%	21	04-Jun-12	29-Jun-12	23-Jul-12	15-Aug...																						
S28N1215	Construction of South Ramp	39	0%	124	29-Jun-12	26-Nov-12	16-Aug-12	14-Jan...																						
S28N1216	Base Slab	39	0%	52	29-Jun-12	30-Aug-12	16-Aug-12	17-Oct-12																						
S28N1217	Wing Wall	39	0%	72	30-Aug-12	26-Nov-12	18-Oct-12	14-Jan...																						
South Abutment																														
S28N1221	Gas Main Diversion	-4	0%	24	12-Aug-11	08-Sep-11	08-Aug-11	03-Sep...																						
S28N1223	Piling Work (24shp)	-4	0%	46	09-Sep-11	04-Nov-11	05-Sep-11	31-Oct-11																						
S28N1224	Cap and Abutment	-4	0%	56	05-Nov-11	12-Jan-12	01-Nov-11	07-Jan...																						
S28N12241	Pile Cap	-4	0%	30	05-Nov-11	09-Dec-11	01-Nov-11	05-Dec...																						
S28N12242	Abutment	-4	0%	26	10-Dec-11	12-Jan-12	06-Dec-11	07-Jan...																						
Pier NLKP1																														
S28N1231	Gas Main Diversion	-4	0%	24	12-Aug-11	08-Sep-11	08-Aug-11	03-Sep...																						
S28N1232	Piling	-4	0%	46	09-Sep-11	04-Nov-11	05-Sep-11	31-Oct-11																						
S28N1233	Cap and Pier	-4	0%	56	05-Nov-11	12-Jan-12	01-Nov-11	07-Jan...																						
S28N12331	Pile Cap	-4	0%	30	05-Nov-11	09-Dec-11	01-Nov-11	05-Dec...																						
S28N12332	Pier	-4	0%	26	10-Dec-11	12-Jan-12	06-Dec-11	07-Jan...																						
Pier NLKP2																														
S28N1254	Piling Work (28shp)		100%	57	20-Sep-10 A	11-Nov-10 A	20-Jan-12	20-Jan...																						
S28N1259	Pile Cap Construction		100%	46	06-Dec-10 A	10-Feb-11 A	20-Jan-12	20-Jan...																						
S28N1261	Pier Construction	108	50%	36	11-Feb-11 A	30-Sep-11	20-Jan-12	13-Feb...																						
Pier NLKP3																														
S28N1271	Pre-drilling for Piles		100%	11	11-Sep-10 A	24-Sep-10 A	09-Mar-12	09-Mar...																						
S28N1272	Confirmation of Founding Level		100%	21	12-Sep-10 A	15-Oct-10 A	09-Mar-12	09-Mar...																						
S28N1273	Piling Work (24shp)		100%	68	20-Sep-10 A	16-Nov-10 A	09-Mar-12	09-Mar...																						
S28N1274	Temporary Shoring System		100%	31	17-Nov-10 A	03-Dec-10 A	09-Mar-12	09-Mar...																						
S28N1275	Excavation to Formation Level		100%	10	06-Dec-10 A	18-Dec-10 A	09-Mar-12	09-Mar...																						
S28N1276	Pile Head Trimming and bearing plate		100%	11	20-Dec-10 A	24-Dec-10 A	09-Mar-12	09-Mar...																						
S28N1277	Pile Cap Construction		100%	24	20-Dec-10 A	05-Jan-11 A	09-Mar-12	09-Mar...																						
S28N1278	Backfilling		100%	30	26-Feb-11 A	01-Apr-11 A	09-Mar-12	09-Mar...																						
S28N1279	Pier Construction	237	85%	61	06-Jan-11 A	07-Jun-11	09-Mar-12	20-Mar...																						
Pier NLKP4																														
S28N1281	Gas main Diversion		100%	120	13-May-10 A	31-Jul-10 A	02-May-12	02-May...																						
S28N1282	Pre-drilling for Piles		100%	9	01-Aug-10 A	14-Aug-10 A	02-May-12	02-May...																						
S28N1283	Confirmation of Founding Level		100%	22	16-Aug-10 A	31-Aug-10 A	02-May-12	02-May...																						
S28N1284	Piling Work (16shp)		100%	63	01-Sep-10 A	30-Sep-10 A	02-May-12	02-May...																						
S28N1285	Temporary Shoring System		100%	44	20-Oct-10 A	23-Oct-10 A	02-May-12	02-May...																						
S28N1286	Excavation to Formation Level		100%	7	25-Oct-10 A	28-Oct-10 A	02-May-12	02-May...																						
S28N1287	Pile Head Trimming and bearing plate		100%	14	29-Oct-10 A	06-Nov-10 A	02-May-12	02-May...																						
S28N1288	Pile Cap Construction		100%	21	08-Nov-10 A	19-Nov-10 A	02-May-12	02-May...																						
S28N1289	Backfilling		100%	30	20-Dec-10 A	11-Jan-11 A	02-May-12	02-May...																						
S28N1290	Pier Construction		100%	71	02-Feb-11 A	26-Mar-11 A	02-May-12	02-May...																						
Pier NLKP5																														
S28N1301	Gas main Diversion		100%	120	13-May-10 A	31-Aug-10 A	08-Jun-12	08-Jun...																						
S28N1302	Pre-drilling for Piles		100%	7	01-Sep-10 A	11-Sep-10 A	08-Jun-12	08-Jun...																						
S28N1303	Confirmation of Founding Level		100%	14	13-Sep-10 A	25-Sep-10 A	08-Jun-12	08-Jun...																						
S28N1304	Piling Work (16shp)		100%	62	26-Sep-10 A	19-Oct-10 A	08-Jun-12	08-Jun...																						
S28N1305	Temporary Shoring System		100%	44	20-Oct-10 A	05-Nov-10 A	08-Jun-12	08-Jun...																						
S28N1306	Excavation to Formation Level		100%	7	08-Nov-10 A	12-Nov-10 A	08-Jun-12	08-Jun...																						
S28N1307	Pile Head Trimming and bearing plate		100%	14	15-Nov-10 A	27-Nov-10 A	08-Jun-12	08-Jun...																						
S28N1308	Pile Cap Construction		100%	21	29-Nov-10 A	11-Dec-10 A	08-Jun-12	08-Jun...																						
S28N1309	Backfilling		100%	30	13-Dec-10 A	18-Dec-10 A	08-Jun-12	08-Jun...																						
S28N1310	Pier Construction		100%	74	28-Dec-10 A	28-Mar-11 A	08-Jun-12	08-Jun...																						
Pier NLKP6																														
S28N1321	Gas main Diversion		100%	150	13-May-10 A	10-Nov-10 A	26-Nov-11	26-Nov...																						
S28N1322	Pre-drilling for Piles		100%	14	21-Jul-10 A	23-Feb-11 A	26-Nov-11	26-Nov...																						
S28N1323	Confirmation of Founding Level		100%	14	21-Jul-10 A	25-Feb-11 A	26-Nov-11	26-Nov...																						

Activity ID	Activity Name	Total Float	Activity % Complete	Original Duration	Start	Finish	Late Start	Late Finish	2010												2011				2012				2013			
									Q2			Q3			Q4			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4			
									1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
S28N1438	Base Slab	0	0%	52	17-Aug-12	18-Oct-12	17-Aug-12	18-Oct-12																	█ Base Slab							
S28N1439	Wing Wall	0	0%	71	19-Oct-12	14-Jan-13	19-Oct-12	14-Jan-13																	█ Wing Wall							
Decking and Finishing																																
S28N1428	Decking (Bearing, Drainage & MJ included)	-24	0%	368	13-Jan-12	13-Apr-13	09-Jan-12	12-Mar-13																	█ Decking (Bearing, Drainage & MJ included)							
S28N1441	South Abutment to NLKP1	-4	0%	36	13-Jan-12	27-Feb-12	09-Jan-12	22-Feb-12																	█ South Abutment to NLKP1							
S28N1442	NLKP1 to NLKP2	-4	0%	36	18-Feb-12	30-Mar-12	14-Feb-12	26-Mar-12																	█ NLKP1 to NLKP2							
S28N1443	NLKP2 to NLKP3	-4	0%	36	26-Mar-12	11-May-12	21-Mar-12	07-May-12																	█ NLKP2 to NLKP3							
S28N1444	NLKP3 to NLKP4	-4	0%	36	07-May-12	18-Jun-12	02-May-12	13-Jun-12																	█ NLKP3 to NLKP4							
S28N1445	NLKP4 to NLKP5	-4	0%	36	13-Jun-12	26-Jul-12	08-Jun-12	21-Jul-12																	█ NLKP4 to NLKP5							
S28N1446	NLKP5 to NLKP6	-4	0%	36	21-Jul-12	31-Aug-12	17-Jul-12	27-Aug-12																	█ NLKP5 to NLKP6							
S28N1447	NLKP6 to NLKP7	-4	0%	36	25-Aug-12	08-Oct-12	21-Aug-12	03-Oct-12																	█ NLKP6 to NLKP7							
S28N1448	NLKP7 to NLKP8	5	0%	36	03-Oct-12	14-Nov-12	09-Oct-12	20-Nov-12																	█ NLKP7 to NLKP8							
S28N1449	NLKP8 to NLKP9	5	0%	36	08-Nov-12	19-Dec-12	14-Nov-12	27-Dec-12																	█ NLKP8 to NLKP9							
S28N1450	NLKP9 to NLKP10	-24	0%	36	19-Jan-13	05-Mar-13	19-Dec-12	01-Feb-13																	█ NLKP9 to NLKP10							
S28N1451	NLKP10 North Abutment	-24	0%	36	27-Feb-13	13-Apr-13	26-Jan-13	12-Mar-13																	█ NLKP10 North Abutment							
S28N1461	Parapet	-24	0%	161	10-Oct-12	27-Apr-13	05-Oct-12	26-Mar-13																	█ Parapet							
S28N14611	Parapet (SA to P1)	-4	0%	15	10-Oct-12	27-Oct-12	05-Oct-12	22-Oct-12																	█ Parapet (SA to P1)							
S28N14612	Parapet (P1 to P2)	-4	0%	15	29-Oct-12	14-Nov-12	24-Oct-12	09-Nov-12																	█ Parapet (P1 to P2)							
S28N14613	Parapet (P2 to P3)	-4	0%	15	15-Nov-12	01-Dec-12	10-Nov-12	27-Nov-12																	█ Parapet (P2 to P3)							
S28N14614	Parapet (P3 to P4)	-4	0%	12	03-Dec-12	15-Dec-12	28-Nov-12	11-Dec-12																	█ Parapet (P3 to P4)							
S28N14615	Parapet (P4 to P5)	-4	0%	12	17-Dec-12	02-Jan-13	12-Dec-12	27-Dec-12																	█ Parapet (P4 to P5)							
S28N14616	Parapet (P5 to P6)	-4	0%	12	03-Jan-13	16-Jan-13	28-Dec-12	11-Jan-13																	█ Parapet (P5 to P6)							
S28N14617	Parapet (P6 to P7)	-4	0%	12	17-Jan-13	30-Jan-13	12-Jan-13	25-Jan-13																	█ Parapet (P6 to P7)							
S28N14618	Parapet (P7 to P8)	-4	0%	12	31-Jan-13	16-Feb-13	26-Jan-13	08-Feb-13																	█ Parapet (P7 to P8)							
S28N14619	Parapet (P8 to P9)	-4	0%	12	18-Feb-13	02-Mar-13	09-Feb-13	26-Feb-13																	█ Parapet (P8 to P9)							
S28N14620	Parapet (P9 to P10)	-4	0%	12	04-Mar-13	16-Mar-13	27-Feb-13	12-Mar-13																	█ Parapet (P9 to P10)							
S28N14621	Parapet (P10 to NA)	-24	0%	12	15-Apr-13	27-Apr-13	13-Mar-13	26-Mar-13																	█ Parapet (P10 to NA)							
S28N1471	Noise Barriers and Road Lighting	-24	0%	44	19-Mar-13	14-May-13	19-Feb-13	15-Apr-13																	█ Noise Barriers and Road Lighting							
S28N1491	Inspection Handover of NLK Bridge	-24	0%	3	15-May-13	18-May-13	16-Apr-13	18-Apr-13																	█ Inspection Handover of NLK Bridge							
Section 5																																
Site Area SA31																																
PHSA3120	Possession of SA31 (Day0)		100%	0	26-Feb-10 A		26-Jun-14		▶ Possession of SA31 (Day0)																							
SA310000	Site Area SA31 Works Period	0	51.36%	884	26-Feb-10 A	28-Jul-12	26-Feb-10	28-Jul-12	█ Site Area SA31 Works Period																							
SA310010	Site Area SA31 Works Completion	0	0%	0		28-Jul-12*		28-Jul-12	◇ Site Area SA31 Works Completion																							
South Bound																																
Preliminaries																																
S31S0000	Site Clearance/TTM/Access Rd/Utility Diversion (Incl. Liason and Coordination)		100%	252	26-Feb-10 A	31-Dec-10 A	26-May-11	26-May-11	█ Site Clearance/TTM/Access Rd/Utility Diversion (Incl. Liason and Coordination)																							
Roadworks, Drainage & Utilities																																
S31S4020	Realignment of Bicycle Track & Slip Road W	0	30.67%	150	26-Feb-11 A	27-Sep-11	26-Feb-11	27-Sep-11	█ Realignment of Bicycle Track & Slip Road W																							
S31S4030	Realignment of Bicycle Track	0	61.33%	75	26-Feb-11 A	29-Jun-11	26-May-11	29-Jun-11	█ Realignment of Bicycle Track																							
S31S4040	Slip Road W	0	0%	75	30-Jun-11	27-Sep-11	30-Jun-11	27-Sep-11	█ Slip Road W																							
Noise Barriers & Road Barriers																																
S31S3000	Construct Noise Barrier NB44 & Beam Barrier (10bay)	0	0%	112	28-Sep-11	14-Feb-12	28-Sep-11	14-Feb-12	█ Construct Noise Barrier NB44 & Beam Barrier (10bay)																							
S31S3010	Construct Noise Barrier NB44 & Beam Barrier (Bay1-Bay5)	0	0%	56	28-Sep-11	03-Dec-11	28-Sep-11	03-Dec-11	█ Construct Noise Barrier NB44 & Beam Barrier (Bay1-Bay5)																							
S31S3020	Construct Noise Barrier NB44 & Beam Barrier (Bay6-Bay10)	0	0%	56	05-Dec-11	14-Feb-12	05-Dec-11	14-Feb-12	█ Construct Noise Barrier NB44 & Beam Barrier (Bay6-Bay10)																							
Landscaping																																
S31S6000	Landscaping Works	0	0%	134	15-Feb-12	28-Jul-12	15-Feb-12	28-Jul-12	█ Landscaping Works																							
S31S6020	Landscaping Works, Stage 1	0	0%	50	15-Feb-12	17-Apr-12	15-Feb-12	17-Apr-12	█ Landscaping Works, Stage 1																							
S31S6030	Landscaping Works, Stage 2	0	0%	42	18-Apr-12	07-Jun-12	18-Apr-12	07-Jun-12	█ Landscaping Works, Stage 2																							
S31S6040	Landscaping Works, Stage 3	0	0%	42	08-Jun-12	28-Jul-12	08-Jun-12	28-Jul-12	█ Landscaping Works, Stage 3																							
Section 7																																
Site Area SA41																																
PHSA4110	Possession of SA41 (Day0)		100%	0	26-Feb-10 A		26-Jun-14		▶ Possession of SA41 (Day0)																							
SA410000	Site Area SA41 Works Period	0	28.72%	1581	26-Feb-10 A	25-Jun-14	26-Feb-10	25-Jun-14	█ Site Area SA41 Works Period																							
SA410010	Site Area SA41 Works Completion	0	0%	0		25-Jun-14*		25-Jun-14	◇ Site Area SA41 Works Completion																							

Activity ID	Activity Name	Total Float	Activity % Complete	Original Duration	Start	Finish	Late Start	Late Finish	2010				2011				2012				2013																			
									Q2		Q3		Q4		Q1		Q2		Q3		Q4		Q1		Q2		Q3		Q4											
									2	3	4	5	6	7	8	9	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3
Temporary Site Office																																								
S41G0000	Site Clearance / TTM		100%	60	26-Feb-10 A	12-May-10 A	26-May-11	26-May...	Site Clearance / TTM																															
S41G9000	Construction of ER & Contractor's Office		100%	60	26-Feb-10 A	12-May-10 A	26-May-11	26-May...	Construction of ER & Contractor's Office																															
S41G9100	Temp Warehouse, Fabrication & Equip Yard	0	26.64%	1419	13-May-10 A	31-Mar-14	26-May-11	31-Mar...																																
S41G9120	Dismantle of ER & Contractor's Office	0	0%	68	01-Apr-14	25-Jun-14	01-Apr-14	25-Jun...																																
Site Area SA42 (Core Storage & Works Area)																																								
PHSA4210	Possession of SA42 (Day0)		100%	0	26-Feb-10 A		26-Jun-14		Possession of SA42 (Day0)																															
SA410040	Site Area SA42 Works Period	0	28.72%	1581	26-Feb-10 A	25-Jun-14	26-Feb-10	25-Jun...																																
SA420010	Site Area SA42 Works Completion	0	0%	0		25-Jun-14*		25-Jun...																																
Site Area SA43																																								
PHSA4310	Possession of SA43 (Day90)		100%	0	04-May-10 A		26-Jun-14		Possession of SA43 (Day90)																															
SA410020	Site Area SA43 Works Period	0	24.45%	1492	04-May-10 A	26-Jun-14	04-May-10	25-Jun...																																
SA410030	Site Area SA43 Works Completion	0	0%	0		26-Jun-14*		25-Jun...																																
Mulching Production Area																																								
S41G10	Site Clearance		100%	59	27-May-10 A	05-Aug-10 A			Site Clearance																															
S41G20	Site Clearance (Mulching Office Area)		100%	45	27-May-10 A	20-Jul-10 A	25-May-11	25-May...	Site Clearance (Mulching Office Area)																															
S41G30	Site Clearance (Wood Storage Area)		100%	45	12-Jun-10 A	05-Aug-10 A	25-May-11	25-May...	Site Clearance (Wood Storage Area)																															
S41G9020	Construction of Mulching Production Yard		100%	60	06-Aug-10 A	18-Oct-10 A	25-May-11	25-May...	Construction of Mulching Production Yard																															
S41G9110	Temp Warehouse, Fabrication & Equip Yard (Site allocated for period till 8 May 2012) : Expected production = 900m3	0	17.37%	1260	13-Sep-10 A	01-Apr-14	13-Sep-10	31-Mar...																																
S41G91110	Mulching Production Phase 1 (45m3)		100%	63	13-Sep-10 A	09-Oct-10 A	25-May-11	25-May...	Mulching Production Phase 1 (45m3)																															
S41G91111	Mulching Production Phase 2 (45m3)		100%	63	21-Dec-10 A	21-Feb-11 A	25-May-11	25-May...	Mulching Production Phase 2 (45m3)																															
S41G91112	Mulching Production Phase 3 (45m3)		100%	63	20-Feb-11 A	24-Apr-11 A	25-May-11	25-May...	Mulching Production Phase 3 (45m3)																															
S41G91113	Mulching Production Phase 4 (45m3)	0	2.86%	63	24-Apr-11 A	26-Jul-11	25-May-11	25-Jul-11	Mulching Production Phase 4 (45m3)																															
S41G91114	Mulching Production Phase 5 (45m3)	0	0%	63	26-Jul-11	27-Sep-11	26-Jul-11	26-Sep...	Mulching Production Phase 5 (45m3)																															
S41G91115	Mulching Production Phase 6 (45m3)	0	0%	63	27-Sep-11	29-Nov-11	27-Sep-11	28-Nov...	Mulching Production Phase 6 (45m3)																															
S41G91116	Mulching Production Phase 7 (45m3)	0	0%	63	29-Nov-11	31-Jan-12	29-Nov-11	30-Jan...	Mulching Production Phase 7 (45m3)																															
S41G91117	Mulching Production Phase 8 (45m3)	0	0%	63	31-Jan-12	03-Apr-12	31-Jan-12	02-Apr-12	Mulching Production Phase 8 (45m3)																															
S41G91118	Mulching Production Phase 9 (45m3)	0	0%	63	03-Apr-12	05-Jun-12	03-Apr-12	04-Jun...	Mulching Production Phase 9 (45m3)																															
S41G91119	Mulching Production Phase 10 (45m3)	0	0%	63	05-Jun-12	07-Aug-12	05-Jun-12	06-Aug...	Mulching Production Phase 10 (45m3)																															
S41G91120	Mulching Production Phase 11 (45m3)	0	0%	62	07-Aug-12	08-Oct-12	07-Aug-12	07-Oct-12	Mulching Production Phase 11 (45m3)																															
S41G91121	Mulching Production Phase 12 (45m3)	0	0%	60	08-Oct-12	07-Dec-12	08-Oct-12	06-Dec...	Mulching Production Phase 12 (45m3)																															
S41G91122	Mulching Production Phase 13 (45m3)	0	0%	60	07-Dec-12	05-Feb-13	07-Dec-12	04-Feb...	Mulching Production Phase 13 (45m3)																															
S41G91123	Mulching Production Phase 14 (45m3)	0	0%	60	05-Feb-13	06-Apr-13	05-Feb-13	05-Apr-13	Mulching Production Phase 14 (45m3)																															
S41G91124	Mulching Production Phase 15 (45m3)	0	0%	60	06-Apr-13	05-Jun-13	06-Apr-13	04-Jun...	Mulching Production Phase 15 (45m3)																															
S41G91125	Mulching Production Phase 16 (45m3)	0	0%	60	05-Jun-13	04-Aug-13	05-Jun-13	03-Aug...	Mulching Production Phase 16 (45m3)																															
S41G91126	Mulching Production Phase 17 (45m3)	0	0%	60	04-Aug-13	03-Oct-13	04-Aug-13	02-Oct-13	Mulching Production Phase 17 (45m3)																															
S41G91127	Mulching Production Phase 18 (45m3)	0	0%	60	03-Oct-13	02-Dec-13	03-Oct-13	01-Dec...	Mulching Production Phase 18 (45m3)																															
S41G91128	Mulching Production Phase 19 (45m3)	0	0%	60	02-Dec-13	31-Jan-14	02-Dec-13	30-Jan...	Mulching Production Phase 19 (45m3)																															
S41G91129	Mulching Production Phase 20 (45m3)	0	0%	60	31-Jan-14	01-Apr-14	31-Jan-14	31-Mar...	Mulching Production Phase 20 (45m3)																															
S41G9130	Dismantle of Mulching Production Yard	0	0%	68	01-Apr-14	26-Jun-14	01-Apr-14	25-Jun...																																
S41G9131	Dismantle of Mulching Production Yard : Removing Mulching Office	0	0%	48	01-Apr-14	03-Jun-14	01-Apr-14	31-May...																																
S41G9132	Dismantle of Mulching Production Yard : Removing Security Fence and Security Device	0	0%	20	03-Jun-14	26-Jun-14	03-Jun-14	25-Jun...																																
Section 8																																								
Establishment Works																																								
S21G8000	SA21 Establishment Works	0	0%	365	26-Jun-13	25-Jun-14	26-Jun-13	25-Jun...																																
Section 9																																								
Establishment Works																																								
S22G8000	SA22 Establishment Works	0	0%	365	26-Jun-13	25-Jun-14	26-Jun-13	25-Jun...																																
S23G8000	SA23 Establishment Works	0	0%	365	26-Jun-13	25-Jun-14	26-Jun-13	25-Jun...																																
S24G8000	SA24 Establishment Works	0	0%	365	26-Jun-13	25-Jun-14	26-Jun-13	25-Jun...																																
S25G8000	SA25 Establishment Works	0	0%	365	26-Jun-13	25-Jun-14	26-Jun-13	25-Jun...																																
S26G8000	SA26 Establishment Works	0	0%	365	26-Jun-13	25-Jun-14	26-Jun-13	25-Jun...																																
Section 10																																								

Activity ID	Activity Name	Total Float	Activity % Complete	Original Duration	Start	Finish	Late Start	Late Finish	2010				2011				2012				2013											
									Q2		Q3		Q4		Q1		Q2		Q3		Q4		Q1		Q2		Q3		Q4			
									1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Establishment Works																																
S26AG800	SA26A Establishment Works	0	0%	365	26-Jun-13	25-Jun-14	26-Jun-13	25-Jun-...																								
S27G8000	SA27 Establishment Works	0	0%	365	26-Jun-13	25-Jun-14	26-Jun-13	25-Jun-...																								
Section 11																																
Establishment Works																																
S28G8000	SA28 Establishment Works	0	0%	365	26-Jun-13	25-Jun-14	26-Jun-13	25-Jun-...																								
S29G8000	SA29 Establishment Works	0	0%	365	26-Jun-13	25-Jun-14	26-Jun-13	25-Jun-...																								
Section 12																																
Establishment Works																																
S30AG800	SA30A Establishment Works	0	0%	365	26-Jun-13	25-Jun-14	26-Jun-13	25-Jun-...																								
S30G8000	SA30 Establishment Works	0	0%	365	26-Jun-13	25-Jun-14	26-Jun-13	25-Jun-...																								
Section 13																																
Establishment Works																																
S30AG810	Remainder of Establishment Works (Exclude Section 8 to 12)	0	0%	365	26-Jun-13	25-Jun-14	26-Jun-13	25-Jun-...																								
Section 14																																
Route Network Maintenance (Subject to the the Engineer's Instruction)																																
S21G7000	Tentative Start Date for SA21 Route Maintenance Works		100%	0	17-Sep-10 A		26-Jun-14																									
S22G7000	Tentative Start Date for SA22 Route Maintenance Works		100%	0	26-Feb-10 A		26-Jun-14																									
S23G7000	Tentative Start Date for SA23 Route Maintenance Works		100%	0	25-Aug-10 A		26-Jun-14																									
S24G7000	Tentative Start Date for SA24 Route Maintenance Works		100%	0	25-Aug-10 A		26-Jun-14																									
S25G7000	Tentative Start Date for SA25 Route Maintenance Works		100%	0	20-Oct-10 A		26-Jun-14																									
S26AG700	Tentative Start Date for SA26A Route Maintenance Works		100%	0	26-Feb-10 A		26-Jun-14																									
S26G7000	Tentative Start Date for SA26 Route Maintenance Works		100%	0	26-Feb-10 A		26-Jun-14																									
S27G7000	Tentative Start Date for SA27 Route Maintenance Works		100%	0	27-May-10 A		26-Jun-14																									
S28G7000	Tentative Start Date for SA28 Route Maintenance Works		100%	0	26-Feb-10 A		26-Jun-14																									
S29G7000	Tentative Start Date for SA29 Route Maintenance Works		100%	0	20-Oct-10 A		26-Jun-14																									
S30AG700	Tentative Start Date for SA30A Route Maintenance Works		100%	0	25-Aug-10 A		26-Jun-14																									
S30G7000	Tentative Start Date for SA30 Route Maintenance Works		100%	0	26-Feb-10 A		26-Jun-14																									
S31G7000	Tentative Start Date for SA31 Route Maintenance Works		100%	0	26-Feb-10 A		26-Jun-14																									
Section 15 (Subject to Excision and Instruct by Engineer within 819 days)																																
General																																
SC150005	Validity Period	0	55.43%	819	25-Feb-10 A	24-May-12	26-May-11	24-May-...																								
SC150010	Latest Date for the Engineer to Issue EI	0	0%	0		24-May-12*		24-May-...																								
Site Area SA30																																
PHSA3040	Possession of SA30 (Day0)		100%	0	26-Feb-10 A		26-Jun-14																									
SA300001	Site Area SA30 Works Period	0	0%	397	25-May-12	25-Jun-13	25-May-12	25-Jun-...																								
SA300020	Site Area SA30 Works Completion	0	0%	0		25-Jun-13*		25-Jun-...																								
North Bound																																
Preliminaries																																
S30N0002	Site Clearance/Access Rd	0	0%	80	25-May-12	29-Aug-12	25-May-12	29-Aug-...																								
S30N0021	Site Clearance	0	0%	40	25-May-12	13-Jul-12	25-May-12	13-Jul-12																								
S30N0022	Access Rd	0	0%	40	14-Jul-12	29-Aug-12	13-Jul-12	29-Aug-...																								
Roadworks, Drainage & Utilities																																
S30N4600	Road Drainage System	0	0%	156	09-Jul-12	12-Jan-13	09-Jul-12	12-Jan-...																								
S30N4610	Road Drainage System - Stage 1 (ch 5638 to 5700)	0	0%	40	09-Jul-12	23-Aug-12	09-Jul-12	23-Aug-...																								
S30N4620	Road Drainage System - Stage 2 (ch 5700 to 5760)	0	0%	40	24-Aug-12	11-Oct-12	24-Aug-12	11-Oct-12																								
S30N4630	Road Drainage System - Stage 3 (ch 5760 to 5820)	0	0%	40	12-Oct-12	28-Nov-12	12-Oct-12	28-Nov-...																								
S30N4640	Road Drainage System - Stage 4 (ch 5820 to 5881)	0	0%	36	29-Nov-12	12-Jan-13	29-Nov-12	12-Jan-...																								
South Bound																																
Preliminaries																																
S30S0003	Site Clearance/TTM/Access Rd/Utility Diversion	0	0%	30	06-Dec-12	12-Jan-13	06-Dec-12	12-Jan-...																								
Roadworks, Drainage & Utilities																																

