

Activity ID	Activity Name	Original Duration	Start	Finish	2011		2012	
								Q1
PRELIMINARES & GENERAL REQUIREMENTS, PROCUREMENT								
Procurement								
Contractor's Designs								
No SUB LOCATION								
CD-110020	NB Design Comments & Approval	90	20-Dec-10 A	02-Jan-12				
REMAINDER OF SOFT LANDSCAPE: SECT. 6 WORKS								
Landscaping Works								
No LOCATION								
No SUB LOCATION								
S6-212800	Remainder Irrigation+ Landscape Soft Works	423	25-Dec-11*	20-Feb-13				
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	20-Dec-1...				
S1-080320	Pier NBP1 - Bored Piles, 3 x 1500dia	31	21-Nov-11 A	20-Dec-1...				
Pile Cap, Pier and Abutments								
S1-080430	Abutment North NBNA Abutment	46	24-May-11 A	03-Jan-12				
S1-080410	Abutment South NBAS Abutment	46	09-Jun-11 A	03-Jan-12				
Bridge Deck								
S1-080820	Finishes and Furnitures	30	17-Nov-11	21-Dec-11				
S1-080590	Bridge Bearings NBMJ1 & NBMJ2, 2 nr.	0	21-Nov-11 A	21-Nov-1...				
S1-080860	Painting Bridge (with TTA and night works)	2	19-Dec-11	20-Dec-11				
S1-080900	New Banyan Bridge Completion	0		20-Dec-11				
New Banyan Bridge West								
Foundation Works								
S1-090100	Demolish exiting pile caps	40	12-Apr-11 A	20-Dec-1...				
S1-090320	Pier NBWP Bored Piles, 8 x 610dia Pre-Bored H Pi	36	21-Nov-11 A	20-Dec-1...				
Pile Cap, Pier and Abutments								
S1-090410	Abutment South NBWAS Abutment	48	21-Aug-11 A	04-Jan-12				
S1-090430	Abutment North NBWNA Abutment	48	23-Aug-11 A	03-Jan-12				
Bridge Deck								
S1-090610	Abut South NBWSA to Pier NBWP Decking, 27.46m	60	26-Oct-11	06-Jan-12				
S1-090620	Pier NBWP to Abut North NBWNA Decking, 25.64m	60	12-Nov-11	27-Jan-12				
S1-090590	Bridge Bearings NBWMJ1 & NBWMJ2, 2 nr.	0	23-Nov-11 A	23-Nov-1...				
S1-090710	Parapets, 2 x 9 bays x 6mL	33	24-Feb-12	02-Apr-12				
S1-090820	Finishes and Furnitures	24	07-Mar-12	03-Apr-12				
S1-090615	Prestressing Tendons, 1S1 to 8S1, 8 nr.	6	14-Mar-12	20-Mar-12				
S1-090690	Cast 300mm gap after stressing system completion	2	14-Mar-12	15-Mar-12				
S1-090720	Planter Trough & Skin, 2 x 9 bays x 6mL	27	16-Mar-12	19-Apr-12				
S1-090810	Movement Joints NBWMJ1 & NBWMJ2, 2 NR.	6	16-Mar-12	22-Mar-12				
S1-090850	Bituminous Surfacing	4	19-Mar-12	22-Mar-12				
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	03-Jan-12				
S1-180310A	Prebored H Piles, 39 nr.	70	08-Nov-10 A	22-Feb-12				
S1-180410	NB KFW Pile Cap, 14 Nr.	64	22-Oct-11	07-Jan-12				
S1-180510	Piers, 14 Nr.	64	10-Nov-11	30-Jan-12				
S1-180700A	NB Steel Works, 3 bays	45	31-Jan-12	22-Mar-12				
Southbound Work- Ret. Wall, Noise B, Rd								
RW W3, NB6, and Slope S4								
Cut Slope S4								
S1-031060A	Cut Slope S4 - excavation	44	26-Feb-11 A	10-Feb-12				
RW W2, NB7, Slope S3, Slip Rd C								
Noise Barrier NB7								
S1-035040	NB7 Panels	20	02-Dec-11	27-Dec-11				
Slip Rd C								
S1-203070	Road reconstruction Slip Rd C	20	21-Jan-12*	16-Feb-12				
Cut Slope S3								
S1-031030A	Cut Slope S3- excavation	14	20-Dec-10 A	31-Dec-11				
S1-031030B	Cut Slope S3- u channels	6	21-Jan-12	31-Jan-12				
SB Road & Drain, Ch 0-300, after NB3								
Road Drainage								
S1-051165	Road Drainage - pipelaying + manhole, L=100m	48	27-Dec-11*	24-Feb-12				
TCSS Works/Other Utilities								
S1-051175	Sign Gantry - footing	24	27-Dec-11	27-Jan-12				
S1-051220	TCSS - Sign Gantry erection	14	27-Feb-12	13-Mar-12				
Road Lighting/ or High Mast								
S1-051215	Public Lighting - install Lamp Pole + Lamps	18	27-Feb-12	17-Mar-12				
S1-051215A	Public Lighting - cabling works	18	19-Mar-12	11-Apr-12				
Roadworks								

Contract: HY/2008/09

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?Primavera Systems, Inc.

Activity ID	Activity Name	Original Duration	Start	Finish	2011		2012	
							Q1	
S1-051200	Roadworks- subbase+ subsoil drain+gully connect	48	11-Jan-12	09-Mar-12				
S1-051205	Roadworks - base course to friction course	18	27-Feb-12	17-Mar-12				
S1-051210	Roadworks - road marking + furnitures	18	27-Feb-12	17-Mar-12				
NB6 and Slope S4A, after TB1 demolition								
Noise Barrier NB6								
S1-00345C	Ground Investigation Works - NB6	24	20-Feb-12	17-Mar-12				
S1-208115	NB6 Prebored H Piles, 12 nr, L=18m	12	19-Mar-12	31-Mar-12				
Cut Slope S4A								
S1-208140A	Cut Slope S4A - excavation	8	18-Dec-10 A	19-Jan-12				
NB11, Slope S4B & F124, after TB2 dem.								
Cut Slope S4B, S4C								
S1-031040A	Cut Slope S4B, S4C - excavation	24	16-Dec-10 A	16-Jan-12				
Central Median Work- Noise Barrier + Road/Drain								
Noise Barrier NB3 CH0-357								
Noise Barrier Foundation Works								
S1-00345E	Ground Investigation Works - NB3	48	28-Jan-12	23-Mar-12				
S1-200029	Implement TTA after widening of Banyan Bridges	0	28-Jan-12					
Noise Barrier NB3 CH357-381, after TB1 demolition								
Noise Barrier Foundation Works								
S1-00345F	Ground Investigation Works - NB3	24	08-Feb-12	06-Mar-12				
S1-208065	NB3 Prebored H Piles, 16 nr	12	07-Mar-12	20-Mar-12				
Northbound Work- Ret. Wall, Noise B, Rd								
RW W1+ NB1+S1, NB2 Ch200-300								
Noise Barrier NB1								
S1-207010	NB1 Structural Steel	28	18-Nov-11	20-Dec-11				
S1-208010	NB1 NB Panels	28	21-Dec-11	28-Jan-12				
S1-208015	Implement Stage 2 TTA	0	30-Jan-12					
Retaining Wall W1								
S1-035016B	Ret. Wall W1(@CSD), wall stem	48	21-Apr-11 A	27-Dec-11				
NB2 Ch100-225								
Noise Barrier Foundation Works								
S1-203020	NB2 Pilecap and plinth, 14 bays	28	17-Oct-11 A	19-Jan-12				
S1-200020B	Prebored H Piles, 56 nr.	52	25-Oct-11	24-Dec-11				
S1-200020C	Prebored H Piles, 112 pile head trimmings	24	06-Dec-11	05-Jan-12				
S1-201020	NB2 Pile Testing	25	06-Jan-12	07-Feb-12				
Noise Barrier Structural Steel & Panels								
S1-207020	NB2 Structural Steel	28	24-Feb-12	27-Mar-12				
Slip Rd B after Banyan West Completion								
Slip Rd B								
S1-051155	Slip Road B - drainage + road reconstruction	48	18-Feb-12	17-Apr-12				
NB2 & Slope S2, after TB1 demolition								
Cut Slope S2								
S1-031025A	Cut Slope S2- excavation	12	20-Dec-10 A	03-Jan-12				
NB9, Slope F121, S5, (after TB2 demolition)								
Noise Barrier NB9								
S1-200120	NB9 Prebored H Piles, 34 nr	36	17-Dec-10 A	10-Jan-12				
Z2: CH 500 to CH 1100: SECT. 4 WORKS								
Stage 1: Southbound Work- Ret. Wall, Noise B, Rd								
NLKR - South Abutment								
Pile Cap, Pier and Abutments								
S4-100325	South Abut. NLKR- abut wall 1st lift	12	21-Oct-11 A	15-Dec-11...				
RW W4-W7+Slope S7+NB15, NB12+Slip Rd L								
Noise Barrier NB12								
S4-203120C	NB12 pile cap - Bay 5 to Bay 8	28	21-Nov-11 A	06-Dec-11				
Noise Barrier NB15								
S4-203150	NB15 Pilecap and plinth, 13 bays	26	28-Jan-11 A	05-Jan-12				
S4-207150	NB15 Structural Steel	26	27-Aug-11 A	13-Jan-12				
S4-208150	NB15 NB Panels	26	03-Sep-11 A	13-Jan-12				
Cut Slope S6 and Slip Rd L								
S1-203065A	Cut slope S6 - excavation	12	20-Dec-10 A	02-Jan-12				
Fill Slope S7								
S4-031070A	Fill Slope S7- backfilling to RW coping level	72	07-May-10 A	12-Jan-12				
S4-031070B	Fill Slope S7- backfilling to rd level	48	20-Jul-10 A	27-Jan-12				
Ret. Wall W8 & NB18								
Retaining Wall W8- near NLKR								
S4-035082A	RW W8, (nr. NLKR) Bay 1->10, temp. work + excav	68	16-Nov-10 A	07-Jan-12				
S4-035082B	RW W8, (nr. NLKR) Bay 1->10, base slab	68	11-Dec-10 A	09-Jan-12				
S4-035082C	RW W8, (nr. NLKR) Bay 1->10, wall stem	72	20-Jan-11 A	10-Jan-12				
Retaining Wall W8- Backfilling								
S4-035085A	RW W8, Backfill-to RW +2m level	72	22-Nov-10 A	09-Jan-12				
S4-035085B	RW W8, Backfill-to RW coping lvl	24	16-Jun-11 A	27-Dec-11				
S4-035085C	RW W8, Backfill- to road level	24	21-Jul-11 A	27-Dec-11				
S4-035085D	RW W8, Backfill- u-channel + handrails	24	08-Sep-11 A	05-Jan-12				

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Activity ID	Activity Name	Original Duration	Start	Finish	2011		2012	
								Q1
SB: CH500-1100, Road&Drain+Utilities								
Road Drainage								
S4-031140	Road Drainage - pipelayinng + manhole	60	22-Aug-11 A	12-Jan-12				Road Drainage - pipelayinng + manhole
Roadworks								
S4-031165	Roadworks- subbase+ subsoil drain+gully connect	48	01-Aug-11 A	03-Jan-12				Roadworks- subbase+ subsoil drain+gully connect
S4-031170	Roadworks - base course to friction course	30	08-Aug-11 A	28-Dec-11				Roadworks - base course to friction course
S4-031175	Roadworks - road marking + furnitures	18	22-Aug-11 A	24-Dec-11				Roadworks - road marking + furnitures
Stage 2: Northbound Work- Ret. Wall, Noise B, Rd								
Noise Barrier NB13, NB16								
Noise Barrier Foundation Works								
S4-203160A	NB16 - 16 bays, excavation+ temp works	35	15-Oct-11 A	27-Jan-12				NB16 - 16 bays, excavation+ temp works
S4-203160B	NB16 - 17 bays, excavation+ temp works	35	25-Nov-11	07-Jan-12				NB16 - 17 bays, excavation+ temp works
S4-203160C	NB16 - 16 bays construct pile cap/plinth	70	25-Nov-11 A	17-Feb-12				NB16 - 16 bays construct
S4-203160D	NB16 - 17 bays construct pile cap/plinth	70	09-Jan-12	02-Apr-12				
Noise Barrier Structural Steel & Panels								
S4-207160	NB16 Structural Steel	60	14-Feb-12	26-Apr-12				
S4-208160	NB16 NB Panels	62	25-Feb-12	12-May-12				
Retaining Wall W4A & NB13 & Slip Rd M								
Noise Barrier NB13								
S4-207130	NB13 Structural Steel	28	09-Jan-12	13-Feb-12				NB13 Structural Steel
S4-208130	NB13 NB Panels	28	26-Jan-12	27-Feb-12				NB13 NB Panels
Slip Rd M								
S4-208135	Slip Road M reconstruction	24	28-Feb-12	26-Mar-12				
Retaining Wall W4A								
S4-03504A	RW W4A, Pre Bored H-Pile 8 bay x10 nr x 17-22mL	60	20-Oct-11	31-Dec-11				RW W4A, Pre Bored H-Pile 8 bay x10 nr x 17-22mL
S4-03504A2	RW W4A, Backfill 97.6mL	72	25-Oct-11	19-Jan-12				RW W4A, Backfill 97.6mL
S4-03504AB	RW W4A, wall stem	46	10-Nov-11	05-Jan-12				RW W4A, wall stem
NB: CH500-1100, Road&Drain+Utilities								
Road Drainage								
S4-031210	Road Drainage - pipelayinng + manhole	60	16-Feb-12	30-Apr-12				
Firemain								
S4-031220	Firemain- excav, pipe install+pit/new hydrants	48	16-Feb-12	14-Apr-12				
TCSS Works/Other Utilities								
S4-031215	TCSS Sign Gantry G20 - footing	24	16-Feb-12	14-Mar-12				TCSS Sign Gantry G20 - footing
S4-031216	TCSS P21 - footing	12	16-Feb-12	29-Feb-12				TCSS P21 - footing
S4-031225	Utilities+TCSS buried ducts + CPW- SC 20/S20	48	16-Feb-12	14-Apr-12				
S4-031230	Power supply cable ducts	36	16-Feb-12	28-Mar-12				
Road Lighting/ or High Mast								
S4-031250A	Public Lighting - cabling works	18	16-Feb-12	07-Mar-12				Public Li
Z3: CH 1100 to CH 2000: SECT. 4 WORKS								
WM Test+Drain CCTV+Gantry+TCSS+ E&M Works								
Drainage CCTV								
No SUB LOCATION								
S4-0512790	Drainage CCTV	48	06-Feb-12	31-Mar-12				
S4-0512795	Drainage submit CCTV Report	24	19-Mar-12	18-Apr-12				
Stage 1: Southbound Work- Ret. Wall, Noise B, Rd								
New Bridge 10A + Noise Barrier								
Bridge Stressing, Parapets & Noise Barrier								
S4-110710A	Parapets construction	72	01-Aug-11 A	31-Dec-11				Parapets construction
S4-20010A	NB Type V6+C1 Struct.Steel+Pnl, 2 x114 bay x3m	60	15-Nov-11 A	28-Dec-11				NB Type V6+C1 Struct.Steel+Pnl, 2 x114 bay x3m
S4-110690	Abut 10AEA to 10AWA, Stressing Stages 9 to 16	6	21-Nov-11 A	26-Nov-1...				Abut 10AEA to 10AWA, Stressing Stages 9 to 16
S4-110710B	Noise Barrier Plinth	12	23-Nov-11 A	03-Dec-11				Noise Barrier Plinth
S4-110692	Abut 10AEA to 10AWA, Stressing Stage 17	6	28-Nov-11 A	05-Jan-1...				Abut 10AEA to 10AWA, Stressing Stage 17
New Bridge No. 11A + Noise Barrier								
Bridge Roadworks & Furnitures								
S4-120820	Finishes and Furnitures	36	21-Jun-11 A	24-Dec-11				Finishes and Furnitures
S4-120900	New Bridge No. 11A Completion	0		24-Dec-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	13-Mar-12				NB21
S4-200211	NB21 Prebored H Piles, 56 nr, 7 bay x8nr, NB21/1-7	70	10-Nov-10 A	10-Mar-12				NB21
S4-207210A	NB21 Structural Steel, 19 bays	48	21-Nov-11 A	13-Jan-12				NB21 Structural Steel, 19 bays
S4-208210A	NB21 NB Panels, 19 bays	24	21-Nov-11 A	15-Dec-11				NB21 NB Panels, 19 bays
Fill Slope S12								
S4-031120	Fill Slope S12 (SB)	24	24-Jul-10 A	27-Dec-11				Fill Slope S12 (SB)
S4-031120A	Fill Slope S12 (SB) - backfilling	18	24-Jul-10 A	24-Dec-11				Fill Slope S12 (SB) - backfilling
Fill Slope S13								
S4-031130B	Fill Slope S13- backfilling to rd level	48	21-Jun-11 A	27-Dec-11				Fill Slope S13- backfilling to rd level
S4-031130C	Fill Slope S13- u channels	48	18-Oct-11 A	15-Feb-12				Fill Slope S13- u channels
S4-031130D	Fill Slope S13- metal works + hand rails etc.	18	01-Feb-12	22-Feb-12				Fill Slope S13- metal
Stage 1 - Slip Rd L, Ret. Wall W13A, W13B								
Retaining Wall W13A								
S4-03513AA	RW W13A, excav + base slab	36	20-Feb-11 A	09-Jan-12				RW W13A, excav + base slab

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					Q1		Q1	
S4-03513AB	RW W13A, wall stem	36	22-Aug-11 A	09-Jan-12	RW W13A, wall stem			
S4-03513A2	RW W13A, Backfill 48mL	48	01-Nov-11 A	16-Feb-12	RW W13A, Backfill 48mL			
Retaining Wall W13B								
S4-03513BA	RW W13B, excav + base slab	46	21-Feb-11 A	16-Dec-11	RW W13B, excav + base slab			
S4-03513BB	RW W13B, wall stem	46	22-Jun-11 A	20-Dec-11	RW W13B, wall stem			
S4-03513B2	RW W13B, Backfill 48mL	42	01-Nov-11 A	09-Feb-12	RW W13B, Backfill 48mL			
Stage 2 - Slip Rd L, Ret. Wall W11, W12								
Slip Rd P								
S4-208231	Slip Rd P- road reconstruction, Stage 2 TTA	24	12-Mar-12	12-Apr-12				
SB: CH1260-1600, L=410m, Road&Drain+Utilities								
Road Drainage								
S4-0507815	Road Drainage - pipelaying + manhole	60	20-Aug-11 A	06-Feb-12	Road Drainage - pipelaying + ma			
Road Lighting/ or High Mast								
S4-0507855	Public lighting - Lamp Pole + Lamps	24	21-Dec-11	20-Jan-12	Public lighting - Lamp Pole + Lamps			
S4-050785B	Public Lighting - power supply connection & test	18	21-Jan-12	14-Feb-12	Public Lighting - power sup			
Roadworks								
S4-0507840	Roadworks- subbase+ subsoil drain+gully connect	48	02-Nov-11	29-Dec-11	Roadworks- subbase+ subsoil drain+gully connect			
S4-0507845	Roadworks - base course to friction course	24	21-Dec-11	20-Jan-12	Roadworks - base course to friction course			
S4-0507850	Roadworks - road marking + furnitures	18	31-Dec-11	20-Jan-12	Roadworks - road marking + furnitures			
S4-0507865	Implement TTA Stage 3	0		15-Feb-12	◆ Implement TTA Stage 3			
Stage 2: Northbound Work- Ret. Wall, Noise B, Rd								
Modification of Existing Bridge No. 10 + Noise B								
No SUB LOCATION								
S4-109450	Strengthening Beam at spacing 2m max.	42	09-Jan-12	29-Feb-12	Strengthening Be			
S4-194880	Install noise barrie NBV3	60	09-Jan-12	21-Mar-12				
S4-194855	Stitch Decking	42	26-Jan-12	14-Mar-12	Sti			
S4-194860	Core Recess Fill Up	6	15-Mar-12	21-Mar-12				
S4-194885	Modify ex. MJ recesses and Replace MJS	10	15-Mar-12	26-Mar-12				
Modification of Existing Bridge No.11 + Noise B								
No SUB LOCATION								
S4-195835	Reconstruct plinth and replace bearings	30	07-Nov-11 A	29-Dec-11	Reconstruct plinth and replace bearings			
S4-195855	Stitch Decking	36	17-Nov-11	31-Dec-11	Stitch Decking			
S4-195880	Install noise barrie NBV3	30	24-Nov-11	31-Dec-11	Install noise barrie NBV3			
S4-195860	Core Recess Fill Up	4	02-Jan-12	05-Jan-12	Core Recess Fill Up			
S4-195885	Modify ex. MJ recesses and Replace MJS	10	02-Jan-12	12-Jan-12	Modify ex. MJ recesses and Replace MJS			
S4-195900	Bridge No. 11 Modification Completion	0		06-Jan-12	◆ Bridge No. 11 Modification Completion			
S4-195890	Road Surfacing & Furnitures	4	13-Jan-12	17-Jan-12	Road Surfacing & Furnitures			
RW W9, Slope S9, & Noise Barrier NB19, NB22								
Noise Barrier NB19								
S4-203190B	NB19 footings, 21 bays - temp work + excav	70	25-Sep-11 A	14-Mar-12	NB19 footings, 21 bays - temp work + excav			
S4-203190C	NB19 footings, 21 bays - pile cap	70	07-Oct-11	29-Dec-11	NB19 footings, 21 bays - pile cap			
S4-207190	NB19 Structural Steel, 10 bays	20	10-Dec-11	05-Jan-12	NB19 Structural Steel, 10 bays			
S4-200190A	NB19 Prebored H Piles, 40 nr	40	16-Dec-11*	07-Feb-12	NB19 Prebored H Piles, 40 nr			
S4-207190A	NB19 Structural Steel, 21 bays	20	16-Dec-11	11-Jan-12	NB19 Structural Steel, 21 bays			
S4-208190	NB19 NB Panels, 10 bays	20	06-Jan-12	01-Feb-12	NB19 NB Panels, 10 bays			
S4-208190A	NB19 NB Panels, 21 bays	20	03-Mar-12	26-Mar-12	NB19 NB Pa			
Noise Barrier NB22								
S4-203220	NB22 NB Footing and plinth, 3 & 4 mW x 153mL	60	22-Oct-11	03-Jan-12	NB22 NB Footing and plinth, 3 & 4 mW x 153mL			
S4-207220	NB22 Structural Steel	24	04-Jan-12	03-Feb-12	NB22 Structural Steel			
S4-208220	NB22 NB Panels	24	04-Feb-12	02-Mar-12	NB22 NB Pa			
NB: CH1260-1600, L=410m, Road&Drain+Utilities								
Road Drainage								
S4-0512620	Road Drainage - pipelaying + manhole	60	21-Nov-11	04-Feb-12	Road Drainage - pipelaying + man			
Firemain								
S4-0512630	Firemain- excav, pipe install+pit/new hydrants	48	21-Nov-11	18-Jan-12	Firemain- excav, pipe install+pit/new hydrants			
TCSS Works/Other Utilities								
S4-0512625	TCSS Sign Gantry G22, G21 - footing	48	21-Nov-11	18-Jan-12	TCSS Sign Gantry G22, G21 - footing			
S4-0512627	TCSS High mast M7/S117 - footing	36	21-Nov-11	04-Jan-12	TCSS High mast M7/S117 - footing			
S4-0512635	Utilities +TCSS buried ducts + civil prov. works	48	19-Dec-11	18-Feb-12	Utilities +TCSS buried d			
S4-0512640	Power supply cable ducts	36	19-Dec-11	04-Feb-12	Power supply cable ducts			
Road Lighting/ or High Mast								
S4-0512660	Public lighting - Lamp Pole + Lamps	24	06-Feb-12	03-Mar-12	Public lightin			
S4-051266B	Public Lighting - power supply connection & test	18	05-Mar-12	24-Mar-12				
Roadworks								
S4-0512645	Roadworks- subbase+ subsoil drain+gully connect	48	05-Jan-12	03-Mar-12	Roadworks-			
S4-0512650	Roadworks - base course to friction course	24	27-Feb-12	24-Mar-12				
S4-0512655	Roadworks - road marking + furnitures	18	05-Mar-12	24-Mar-12				
Z4: CH 2000 to CH 2400: SECT. 2 WORKS								
Stage 1A: Southbound - S14-, RW21-28, TP7,Rd/Dr								
Ret. Wall W21, W22(Piled), W23 + S16								

Contract: HY/2008/09

Three Months Rolling Programme?21/12/2011 o 20/03/2012??



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

Widening of Tolo Highway / Fanling Highway

Between Island House Interchange and Fanling

(Stage 1 - Between Island House Interchange and Ma Wo)

?Primavera Systems, Inc.

Activity ID	Activity Name	Original Duration	Start	Finish	2011		2012	
							Q1	
Cut Slope S16								
S2-031160	Slope S16 (SB)	30	17-Oct-11 A	19-Jan-12	Slope S16 (SB)			
Retaining Wall W21, W22, W23								
S2-035221C	RW21,W22, 23 - wall stem + backfill	72	20-Nov-10 A	24-Dec-11	RW21,W22, 23- wall stem + backfill			
Retaining Wall W24 to W28 & Slope S17								
Cut Slope S17								
S2-031170	Slope S17 (SB)	60	22-Aug-11 A	30-Jan-12	Slope S17 (SB)			
Retaining Wall W27								
S2-035270B	Retaining Wall W27, wall stem + backfill	72	01-Dec-10 A	09-Jan-12	Retaining Wall W27, wall stem + backfill			
Retaining Wall W28								
S2-035280	Bored Pile Ret. Wall W28, 9 x 2200dia	60	10-Jan-11 A	20-Dec-11	Bored Pile Ret. Wall W28, 9 x 2200dia			
Cut Slope S14								
No SUB LOCATION								
S2-031140E	Cut Slope S14- drainage + handrails	48	02-Nov-10 A	12-Jan-12	Cut Slope S14- drainage + handrails			
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	06-Feb-12	RW W31,W32,33 - wall stem + ba			
Slope S15, S18, S19								
Cut Slope S15 (under Sect. 4)								
S4-031155E	Cut Slope S15 - drainage + hand rails	32	20-Jan-11 A	29-Dec-11	Cut Slope S15 - drainage + hand rails			
Fill Slope S18								
S2-031185A	Fill Slope S18- backfilling	24	19-Nov-10 A	22-Dec-11	Fill Slope S18- backfilling			
S2-031185B	Fill Slope S18- drainage	12	22-Aug-11 A	03-Jan-12	Fill Slope S18- drainage			
Cut Slope S19								
S2-031195D	Cut Slope S19- cut + soil nail, rd lvl, +56mpd	36	06-Jan-11 A	24-Dec-11	Cut Slope S19- cut + soil nail, rd lvl, +56mpd			
S2-031195E	Cut Slope S19- drainage + handrails	31	21-May-11 A	31-Dec-11	Cut Slope S19- drainage + handrails			
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	13-Jan-12	NB27 Pilecap, 18 bays			
SB: CH2200-2400, L=200m, Road&Drain+Utilities								
Roadworks								
S2-031240	Roadworks - base course to friction course	18	06-Dec-11	28-Dec-11	Roadworks - base course to friction course			
S2-031245	Roadworks - road marking + furnitures	9	16-Dec-11	28-Dec-11	Roadworks - road marking + furnitures			
Stage 3: Central Median- NB26, NB29 +Road&Drain								
CM: NB26 & NB28 L=400m & Road&Drain+Utilities								
Noise Barrier Foundation Works								
S2-208295A	NB26 & NB 28 Footings, 17 bays- temp work+excav	72	17-Oct-11 A	12-Mar-12	NB26 & NB 28 Footings, 17 bays- temp work+excav			
S2-208295B	NB26 & NB 28 Footings, 17 bays - footings	72	17-Oct-11 A	12-Mar-12	NB26 & NB 28 Footings, 17 bays - footings			
TCSS Works/Other Utilities								
S2-208365	Utilities+TCSS buried ducts + civil prov. works	24	07-Jan-12	07-Feb-12	Utilities+TCSS buried ducts + civil prov. works			
S2-208370	Power supply cable ducts	24	07-Jan-12	07-Feb-12	Power supply cable ducts			
Road Lighting/ or High Mast								
S2-208355	Public Lighting - buried ducts	24	07-Jan-12	07-Feb-12	Public Lighting - buried ducts			
S4-208357	Civil prov. works (CPW)- Lighting Pillar Box P5	18	07-Jan-12	31-Jan-12	Civil prov. works (CPW)- Lighting Pillar			
S2-208415	Pillar Box + MCB Board installation	36	07-Feb-12	19-Mar-12	Pillar Box + MCB Board installation			
S2-208390	Public Lighting - lamp pole + lamps	24	08-Feb-12	06-Mar-12	Public Lig			
Roadworks								
S2-208375	Roadworks- subbase	48	07-Jan-12	06-Mar-12	Roadwork			
S2-208380	Roadworks - base course to friction course	24	22-Feb-12	20-Mar-12				
S2-208385	Roadworks - road marking + furnitures	18	29-Feb-12	20-Mar-12				
Noise Barrier Structural Steel & Panels								
S2-208285	NB26 & NB 28 Structural Steel	24	07-Mar-12	03-Apr-12				
Watermain Test+Drain CCTV+Gantry+TCSS+ E&M Work								
Drainage CCTV								
No SUB LOCATION								
S2-208430	Drainage CCTV	36	21-Jan-12	06-Mar-12	Drainage			
S2-208435	Drainage submit CCTV Report	24	07-Mar-12	03-Apr-12				
TCSS Works								
No SUB LOCATION								
S2-208405	Cabling works for Utilities/TCSS/Lighting	36	07-Jan-12	21-Feb-12	Cabling works for Util			
S2-208410	TCSS Sign Gantry G23 installation	36	07-Feb-12	19-Mar-12				
Watermain Pressure Test								
No SUB LOCATION								
S2-208445	Watermain Sterilization+submission of report	36	20-Dec-11	06-Feb-12	Watermain Sterilization+submiss			
Z6: TCSS IN PORTION SA11: SECT. 4 WORKS								
TCSS Works								
TCSSWorks in Portion SA11								
No SUB LOCATION								
S?-100045	Civil+E&M Prov. - G73, modification	24	23-Nov-11	20-Dec-11	Civil+E&M Prov. - G73, modification			

Contract: HY/2008/09

Three Months Rolling Programme?21/12/2011 o 20/03/2012??

Activity ID	Activity Name	Original Duration	Start	Finish	2011		2012	
								Q1
S?-100055	Civil+E&M Prov. - G12, new gantry	48	12-Dec-11	11-Feb-12				Civil+E&M Prov. - G12, new g
S?-100050	Civil+E&M Prov. - TCSS Hub	72	19-Dec-11	17-Mar-12				
S?-100060	Civil+E&M Prov.- G72, modification+ Pillar Box I	24	04-Feb-12	02-Mar-12				Civil+E&M P
S?-100052	Civil+E&M Prov. - Pillar Box H	24	13-Feb-12	10-Mar-12				Civil+E
S?-100065	Civil+E&M Prov. - SC71/S71+ Pillar B. J	48	22-Feb-12	20-Apr-12				

Activity ID	Activity Name	Total Float	Activity % Complete	Original Duration	Start	Finish	2011				2012				2013																
							Q2		Q3		Q4		Q1		Q2		Q3		Q4												
							14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
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	42	8.58%	653	15-Oct-10 A	14-May-13	SA21 - North Bound																								
A1010	SA21 - South Bound	84	31.82%	814	15-Oct-10 A	02-Apr-13	SA21 - South Bound																								
A1020	SA21 - Middle Lane	42	7.37%	645	26-Aug-11 A	14-May-13	SA21 - Middle Lane																								
Section 2																															
A1030	SA22 - North Bound	108	46.14%	1016	26-Feb-10 A	26-Mar-13	SA22 - North Bound																								
A1040	SA22 - South Bound	-14	35.45%	1037	01-Apr-10 A	26-Jul-13	SA22 - South Bound																								
A1050	SA22 - Middle Lane	-14	0%	135	13-Mar-13	26-Jul-13	SA22 - Middle Lane																								
A1060	SA23 - South Bound	227	0%	428	26-Sep-11	26-Nov-12	SA23 - South Bound																								
A1070	SA24 - North Bound	33	23.13%	787	25-Aug-10 A	22-May-13	SA24 - North Bound																								
A1080	SA25 - South Bound	53	22.5%	777	20-Oct-10 A	20-May-13	SA25 - South Bound																								
A1090	SA26 - North Bound	-15	45.46%	1216	26-Feb-10 A	20-Jul-13	SA26 - North Bound																								
A1100	SA26 - South Bound	-20	44.49%	1216	26-Feb-10 A	31-Jul-13	Inclement Weather Cause Delay SA26 - South Bound																								
Section 3																															
A1110	SA26A - North Bound	-15	39.61%	1191	26-Feb-10 A	14-Sep-13	Inclement Weather Cause Delay SA26A - North Bound																								
A1120	SA26A - South Bound	24	22.5%	879	26-Feb-10 A	07-Aug-13	SA26A - South Bound																								
A1130	SA26A - North & South Bound	-4	24.48%	612	26-Feb-11 A	31-Dec-12	SA26A - North & South Bound																								
A1140	SA27 - South Bound	14	49%	826	27-Mar-10 A	20-Nov-12	SA27 - South Bound																								
Section 4																															
A1150	SA28 - North Bound	-21	41.74%	1216	26-Feb-10 A	03-Sep-13	Inclement Weather Cause Delay SA28 - North Bound																								
A1160	SA28 - South Bound	7	38.03%	1099	23-Jun-10 A	06-Aug-13	SA28 - South Bound																								
A1170	SA29 - North Bound	14	31.79%	909	26-Jan-11 A	06-Jun-13	SA29 - North Bound																								
A1180	SA32 - Roadside FVMS	154	33.21%	265	26-Mar-11 A	20-Mar-12	SA32 - Roadside FVMS																								
Section 5																															
A1190	SA31 - South Bound	35	67.65%	884	26-Feb-10 A	07-Jul-12	SA31 - South Bound																								
Section 7																															
A1200	SA41 - Site Office	0	36.5%	1581	26-Feb-10 A	25-Jun-14																									
A1210	SA42 - Temporary Contractor's Works Area	0	36.54%	1582	25-Feb-10 A	25-Jun-14																									
Section 15 (Subject to Excision, Engineer may instruct within 819 days)																															
A1220	Validity Period	763	70.57%	819	25-Feb-10 A	23-May-12	Validity Period																								
A1230	SA30 - North Bound	7	0%	354	25-May-12	13-May-13	SA30 - North Bound																								
A1240	SA30 - South Bound	0	0%	122	06-Dec-12	06-Apr-13	SA30 - South Bound																								
A1250	SA30 - Middle Lane	0	0%	119	27-Feb-13	25-Jun-13	SA30 - Middle Lane																								
Section 16 (Subject to Excision, Engineer may instruct within 819 days)																															
A1260	Validity Period	763	70.57%	819	25-Feb-10 A	23-May-12	Validity Period																								
A1270	SA30 - North Bound	0	0%	303	24-May-12	22-Mar-13*	SA30 - North Bound																								
A1280	SA30 - South Bound	0	0%	190	18-Dec-12	25-Jun-13	SA30 - South Bound																								
A1290	SA30A - North Bound	0	0%	398	24-May-12	25-Jun-13	SA30A - North Bound																								
Section 17 (Subject to Excision, Engineer may instruct within 819 days)																															
A1300	Validity Period	763	70.57%	819	25-Feb-10 A	23-May-12	Validity Period																								

Project ID: J3318-UPDATE 2011-09
 Project Name: HY/2009/08 TOLO HIGHWAY WIDENING
 Layout Name: UWP (Submission)
 Data Date: 26-Sep-11
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- 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, Sept. 2011



UWP Revision			
Date	Revision	Chec...	Approved
30-Sep-...	UWP Sep 2011 (VO1-28 in...	ZJ	WY

Activity ID	Activity Name	Total Float	Activity % Complete	Original Duration	Start	Finish	2011												2012												2013																				
							Q2			Q3			Q4			Q1			Q2			Q3			Q4			Q1			Q2			Q3			Q4														
							14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45													
VO000260	VO. 26: Permanent Diversion of Existing DN80 WSD Watermain at MA Wo Subway (TP9)		100%	0	03-May-11	A	◇ VO. 26: Permanent Diversion of Existing DN80 WSD Watermain at MA Wo Subway (TP9)																																												
VO000270	VO. 27: Temp. Access and Lighting for Inspection on Bridge 13 Deck Interior		100%	0	16-May-11	A	◇ VO. 27: Temp. Access and Lighting for Inspection on Bridge 13 Deck Interior																																												
VO000280	VO. 28: Provision of Hoarding at Site Boundary of SA22 and SA25		100%	0	11-May-11	A	◇ VO. 28: Provision of Hoarding at Site Boundary of SA22 and SA25																																												
Milestones of Temporary Traffic Arrangement																																																			
TTA000	TTA Stage 0	43	0%	0	21-Mar-12		◇ TTA Stage 0																																												
TTA010	TTA Stage 1	114	0%	0	02-Apr-12		◇ TTA Stage 1																																												
TTA020	TTA Stage 2	8	0%	0	20-Feb-13		◇ TTA Stage 2																																												
TTA030	TTA Stage 3	41	0%	0	24-Mar-12		◇ TTA Stage 3																																												
TTA040	TTA Stage 4	73	0%	0	31-Oct-12		◇ TTA Stage 4																																												
TTA050	TTA Stage 5	-20	0%	0	11-Sep-12		◇ TTA Stage 5																																												
TTA060	TTA Stage 6	40	0%	0	18-Feb-12		◇ TTA Stage 6																																												
TTA070	TTA Stage 7	40	0%	0	18-Feb-12		◇ TTA Stage 7																																												
TTA080	TTA Stage 8	-19	0%	0	28-Feb-13		◇ TTA Stage 8																																												
TTA090	TTA Stage 9	-22	0%	0	25-May-13		◇ TTA Stage 9																																												
TTA100	TTA Stage 10	-22	0%	0	28-Jun-13		◇ TTA Stage 10																																												
TTA110	TTA Stage 11	-21	0%	0	11-Jul-13		◇ TTA Stage 11																																												
Section 1																																																			
Site Area SA21																																																			
PHSA2120	Possession of SA21 (Day141)		100%	0	16-Jul-10	A																																													
SA210000	Site Area SA21 Works Period	0	40.61%	1076	16-Jul-10	A	Site Area SA21 Works Period																																												
SA210010	Site Area SA21 Works Completion	0	0%	0			◇ Site Area SA21 Works Completion																																												
SA210020	Temporary Traffic Management (Detail shall refer to supplementary information)	0	40.83%	872	16-Jul-10	A	Temporary Traffic Management																																												
SA210030	Overall Utilities Diversion (Detail shall refer to supplementary information)	0	40.83%	872	16-Jul-10	A	Overall Utilities Diversion																																												
North Bound																																																			
Preliminaries																																																			
S21N0000	Site Clearance/Access Rd & acquisition of Sub-con		100%	63	15-Oct-10	A	Site Clearance/Access Rd & acquisition of Sub-con																																												
Slopeworks																																																			
S21N5000	Slopeworks Fill(S21)	57	0%	72	23-Nov-11		Slopeworks Fill(S21)																																												
S21N5010	U-Channel and Berm	57	0%	48	07-Jan-12		U-Channel and Berm																																												
S21N5100	Slopeworks Cut(S22)	129	18.8%	266	17-Feb-11	A	Slopeworks Cut(S22)																																												
S21N5110	Slopeworks Cut (S22) - Stage 1 (Upper +59mPD)	129	70%	74	17-Feb-11	A	Slopeworks Cut (S22) - Stage 1 (Upper +59mPD)																																												
S21N5120	Slopeworks Cut (S22) - Stage 2 (Middle +57mPD)	129	0%	72	26-Sep-11		Slopeworks Cut (S22) - Stage 2 (Middle +57mPD)																																												
S21N5130	Slopeworks Cut (S22) - Stage 3 (Lower +55mPD)	129	0%	72	21-Dec-11		Slopeworks Cut (S22) - Stage 3 (Lower +55mPD)																																												
S21N5140	U-Channel and Berm	129	0%	36	21-Mar-12		U-Channel and Berm																																												
S21N5150	Shotcreting/Plantation	129	0%	36	08-May-12		Shotcreting/Plantation																																												
S21N5200	Slopeworks Fill(S24)	131	0%	114	26-Sep-11		Slopeworks Fill(S24)																																												
S21N5210	Slopeworks Fill(S24) - Stage 1 (Lower +49mPD)	131	0%	60	26-Sep-11		Slopeworks Fill(S24) - Stage 1 (Lower +49mPD)																																												
S21N5220	Slopeworks Fill(S24) - Stage 2 (Upper +52mPD)	131	0%	54	07-Dec-11		Slopeworks Fill(S24) - Stage 2 (Upper +52mPD)																																												
S21N5800	Debris Catcher Fence and NTHA Protective Measures (Area 2A-3) (Provision Item)	129	0%	96	20-Jun-12		Debris Catcher Fence and NTHA Protective Measures																																												
S21N5810	Access Rock to Hazard Rock Areas	129	0%	30	20-Jun-12		Access Rock to Hazard Rock Areas																																												
S21N5820	Installation of Rock Fall Fence	129	0%	66	27-Jul-12		Installation of Rock Fall Fence																																												
Extension of Culverts																																																			
S21N1000	Extension of Box Culvert (N581)		100%	148	08-Nov-10	A	Extension of Box Culvert (N581)																																												
S21N1010	Temporary Water Diversion		100%	23	08-Nov-10	A	Temporary Water Diversion																																												
S21N1020	Construction of Base Slab		100%	75	13-Dec-10	A	Construction of Base Slab																																												
S21N1030	Construction of Wall Stem		100%	50	13-Dec-10	A	Construction of Wall Stem																																												
S21N1040	Construction of Top Slab		100%	45	19-Jan-11	A	Construction of Top Slab																																												
S21N1050	Extension of Box Culvert (TP9), Upstream (CSD 3)	128	96.36%	261	26-Mar-11	A	Extension of Box Culvert (TP9), Upstream (CSD 3)																																												
S21N1060	Temporary Water Diversion		100%	16	26-Mar-11	A	Temporary Water Diversion																																												
S21N1070	Construction of Base Slab		100%	75	30-Mar-11	A	Construction of Base Slab																																												
S21N1080	Construction of Wall Stem	128	90%	50	20-May-11	A	Construction of Wall Stem																																												
S21N1090	Construction of Top Slab	128	90%	45	30-Jul-11	A	Construction of Top Slab																																												

Activity ID	Activity Name	Total Float	Activity % Complete	Original Duration	Start	Finish	2011												2012												2013																				
							Q2			Q3			Q4			Q1			Q2			Q3			Q4			Q1			Q2			Q3			Q4														
							14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45													
SA250030	Overall Utility Diversion (Detail shall refer to supplementary informat...	0	32.55%	765	04-May-10 A	25-Jun-13	Overall Utility Diversion																																												
South Bound																																																			
Preliminaries																																																			
S25S0000	Site Clearance/Access Rd (ch3400-3600)		100%	97	20-Oct-10 A	16-Feb-11 A	Site Clearance/Access Rd (ch3400-3600)																																												
S25S0010	Site Clearance (ch3400-3600)		100%	75	20-Oct-10 A	18-Jan-11 A	Clearance (ch3400-3600)																																												
S25S0020	Access Road (ch3400-3600)		100%	75	15-Nov-10 A	16-Feb-11 A	Access Road (ch3400-3600)																																												
Slopesworks																																																			
S25S5000	Slopesworks Fill(S30A)	38	0%	60	17-Feb-12	02-May-12	Slopesworks Fill(S30A)																																												
S25S5010	Slopesworks Fill (S30A) - Stage 1: +53.5mPD	38	0%	30	17-Feb-12	22-Mar-12	Slopesworks Fill (S30A) - Stage 1: +53.5mPD																																												
S25S5020	Slopesworks Fill (S30A) - Stage 2: 55.8mPD	38	0%	30	23-Mar-12	02-May-12	Slopesworks Fill (S30A) - Stage 2: 55.8mPD																																												
S25S5100	Slope Reinstatement Works (Pier 13AP1/2 & TW1/2)	44	0%	126	10-Dec-12	20-May-13	Slope Reinstatement Works (Pier 13AP1/2 & TW1/2)																																												
S25S5110	Slope Reinstatement Works (Pier 13AP1) : Stage 1	44	0%	36	10-Dec-12	24-Jan-13	Slope Reinstatement Works (Pier 13AP1) : Stage 1																																												
S25S5120	Slope Reinstatement Works (Pier 13AP2) : Stage 2	44	0%	30	24-Jan-13	04-Mar-13	Slope Reinstatement Works (Pier 13AP2) : Stage 2																																												
S25S5130	Slope Reinstatement Works (TW1) : Stage 1	44	0%	30	04-Mar-13	12-Apr-13	Slope Reinstatement Works (TW1) : Stage 1																																												
S25S5140	Slope Reinstatement Works (TW2) : Stage 2	44	0%	30	12-Apr-13	20-May-13	Slope Reinstatement Works (TW2) : Stage 2																																												
Construction of Retaining Wall																																																			
Retaining Wall W58B, (CSD 2)																																																			
S25S2020	Site Formation		100%	25	01-Nov-10 A	30-Nov-10 A	Site Formation																																												
S25S2030	Excavate to cut-off level		100%	10	01-Nov-10 A	31-Dec-10 A	Excavate to cut-off level																																												
S25S2050	Construction of Structure W58B	38	26.67%	75	13-May-11 A	30-Nov-11	Construction of Structure W58B																																												
S25S2060	Backfilling	38	0%	61	01-Dec-11	16-Feb-12	Backfilling																																												
Roadworks, Drainage & Utilities																																																			
S25S4000	Roadworks, Drainages & Utilities	47	0%	144	03-May-12	24-Oct-12	Roadworks, Drainages & Utilities																																												
S25S4020	Utilities	38	0%	60	03-May-12	14-Jul-12	Utilities																																												
S25S4030	Drainages	38	0%	60	17-May-12	28-Jul-12	Drainages																																												
S25S4040	Road Surface	38	0%	60	01-Jun-12	11-Aug-12	Road Surface																																												
S25S4050	Roadmark and Lane Shifting	47	0%	60	13-Aug-12	24-Oct-12	Roadmark and Lane Shifting																																												
S25S4200	Slip Road H	47	0%	72	20-Aug-12	14-Nov-12	Slip Road H																																												
Noise Barriers & Road Barriers																																																			
S25S3000	Construct Noise Barrier & Beam Barrier, NB34	114	0%	95	03-May-12	24-Aug-12	Construct Noise Barrier & Beam Barrier, NB34																																												
S25S3010	Noise Barrier : Foundation Works	50	0%	36	03-May-12	14-Jun-12	Noise Barrier : Foundation Works																																												
S25S3020	Noise Barrier : Installation of H-column & Panel	50	0%	36	15-Jun-12	28-Jul-12	Noise Barrier : Installation of H-column & Panel																																												
S25S3030	Beam Barrier : Erecting of Short Column	114	0%	48	03-May-12	29-Jun-12	Beam Barrier : Erecting of Short Column																																												
S25S3040	Beam Barrier : Installation of M-Panel	114	0%	47	30-Jun-12	24-Aug-12	Beam Barrier : Installation of M-Panel																																												
Traffic Control & Surveillance System																																																			
S25S4800	TCSS	38	0%	87	13-Aug-12	24-Nov-12	TCSS																																												
S25S4810	TCSS - Stage 1 (Bridge 13A)	38	0%	75	13-Aug-12	10-Nov-12	TCSS - Stage 1 (Bridge 13A)																																												
S25S4820	TCSS - Stage 2 (LB1)	38	0%	75	27-Aug-12	24-Nov-12	TCSS - Stage 2 (LB1)																																												
Site Area SA26																																																			
PHSA2620	Possession of SA26 (Day0)		100%	0	26-Feb-10 A		Possession of SA26 (Day0)																																												
SA260000	Site Area SA26 Works Period	-8	45.46%	1216	26-Feb-10 A	20-Jul-13	Site Area SA26 Works Period																																												
SA260010	Site Area SA26 Works Completion	-15	0%	0		20-Jul-13*	Site Area SA26 Works Completion																																												
SA260020	Temporary Traffic Management (Detail shall refer to supplementary information)	-13	45.45%	983	26-Feb-10 A	20-Jul-13	Temporary Traffic Management (Detail shall refer to supplementary information)																																												
SA260030	Overall Utility Diversion (Detail shall refer to supplementary informat...	-13	45.45%	983	26-Feb-10 A	20-Jul-13	Overall Utility Diversion (Detail shall refer to supplementary informat...																																												
SA260040	Additional work to existing ball valves, HKCG	127	0%	51	30-Nov-12	01-Feb-13	Additional work to existing ball valves, HKCG																																												
North Bound																																																			
Preliminaries																																																			
S26N0000	Site Clearance/Access Rd (Tai Wo Road)		100%	150	26-Feb-10 A	28-Aug-10 A	Site Clearance/Access Rd (Tai Wo Road)																																												
S26N0010	Site Clearance (Tai Wo Road)		100%	75	26-Feb-10 A	31-May-10 A	Site Clearance (Tai Wo Road)																																												
S26N0020	Access Road (Tai Wo Road)		100%	75	01-Jun-10 A	28-Aug-10 A	Access Road (Tai Wo Road)																																												
Slopesworks																																																			
S26N5000	Slopesworks Cut(S31A-sn)	29	0%	150	11-Nov-11	16-May-12	Slopesworks Cut(S31A-sn)																																												
S26N5010	Slopesworks Cut(S31A-sn) - Stage 1 (Upper +65mPD)	29	0%	50	11-Nov-11	11-Jan-12	Slopesworks Cut(S31A-sn) - Stage 1 (Upper +65mPD)																																												
S26N5020	Slopesworks Cut(S31A-sn) - Stage 2 (Middle +60mPD)	29	0%	50	12-Jan-12	13-Mar-12	Slopesworks Cut(S31A-sn) - Stage 2 (Middle +60mPD)																																												
S26N5030	Slopesworks Cut(S31A-sn) - Stage 3 (Lower +55mPD)	29	0%	50	14-Mar-12	16-May-12	Slopesworks Cut(S31A-sn) - Stage 3 (Lower +55mPD)																																												

Activity ID	Activity Name	Total Float	Activity % Complete	Original Duration	Start	Finish	2011												2012				2013								
							Q2			Q3			Q4			Q1		Q2		Q3		Q4									
							14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Construction of Bridge LB3																															
S26S1280	Construction of Bridge LB3(incl. excavation & backfill)	-16	0%	267	26-Feb-11 A	10-Sep-12	Construction of Bridge LB3(incl. excavation & backfill)																								
Substructure & Abutment																															
S26S1320	Piling for East Abutment		100%	60	26-Feb-11 A	14-May-11 A	Piling for East Abutment																								
S26S1330	Piling for West Abutment		100%	60	14-May-11 A	26-Jul-11 A	Piling for West Abutment																								
S26S1340	ELS & Excavation for East & West Abutment	-16	0%	24	07-Dec-11	07-Jan-12	ELS & Excavation for East & West Abutment																								
S26S1350	Construction of East/West Abutment Structure	-16	0%	38	07-Jan-12	24-Feb-12	Construction of East/West Abutment Structure																								
Decking and Finishing																															
S26S1370	Bridge Deck (Bearings, Drainage & MJ included)	-16	0%	108	24-Feb-12	09-Jul-12	Bridge Deck (Bearings, Drainage & MJ included)																								
S26S1371	Falsework and Scaffolding	-16	0%	48	24-Feb-12	25-Apr-12	Falsework and Scaffolding																								
S26S1372	Construction of Deck	-16	0%	60	25-Apr-12	09-Jul-12	Construction of Deck																								
S26S1375	Parapet	-16	0%	48	09-Jul-12	03-Sep-12	Parapet																								
S26S1376	Erecting of Short Column & Precast Parapet	-16	0%	24	09-Jul-12	06-Aug-12	Erecting of Short Column & Precast Parapet																								
S26S1377	Installing M-Barrier	-16	0%	24	06-Aug-12	03-Sep-12	Installing M-Barrier																								
S26S1385	Handover Inspection of LB3	-16	0%	6	03-Sep-12	10-Sep-12	Handover Inspection of LB3																								
Construction of Bridge LB1																															
S26S1400	Construction of Bridge LB1	-12	56.42%	643	03-May-10 A	05-Sep-12	Construction of Bridge LB1																								
Preparatory and Enabling Works																															
S26S1405	Site Clearance		100%	75	03-May-10 A	06-Aug-10 A	Site Clearance																								
S26S1406	Site Clearance - Stage 1 (LB1-North Abutment)		100%	60	03-May-10 A	14-Jul-10 A	Site Clearance - Stage 1 (LB1-North Abutment)																								
S26S1407	Site Clearance - Stage 2 (LB1-TW3)		100%	60	27-May-10 A	06-Aug-10 A	Site Clearance - Stage 2 (LB1-TW3)																								
S26S1410	Access Road		100%	75	03-May-10 A	31-Jul-10 A	Access Road																								
S26S1411	Access Road - Stage 1 (LB1-North Abutment)		100%	60	03-May-10 A	14-Jul-10 A	Access Road - Stage 1 (LB1-North Abutment)																								
S26S1412	Access Road - Stage 2 (LB1-TW3)		100%	60	20-May-10 A	31-Jul-10 A	Access Road - Stage 2 (LB1-TW3)																								
S26S1450	SA25-Site Clearance (TW1 & TW2)		100%	53	26-Mar-11 A	02-Jun-11 A	SA25-Site Clearance (TW1 & TW2)																								
S26S1455	SA25 - Access Road (TW1 & TW2)		100%	53	26-Mar-11 A	02-Jun-11 A	SA25 - Access Road (TW1 & TW2)																								
Substructure and Pier Construction																															
North Abutment																															
S26S1420	Piling-North Abutment		100%	51	01-Jun-10 A	31-Jul-10 A	Piling-North Abutment																								
S26S1430	Excavation & Cap-North Abutment		100%	54	11-Nov-10 A	28-Dec-10 A	Excavation & Cap-North Abutment																								
S26S1440	Pier & backfill, North Abutment		100%	56	26-Jan-11 A	04-Apr-11 A	Pier & backfill, North Abutment																								
TW3																															
S26S1422	Piling-TW3		100%	54	28-Dec-10 A	21-Mar-11 A	Piling-TW3																								
S26S1432	Cap & Backfill - TW3		100%	45	26-May-11 A	19-Jul-11 A	Cap & Backfill - TW3																								
S26S1442	Pier-TW3 (Pierhead included)	-13	30%	96	08-Aug-11 A	15-Dec-11	Pier-TW3 (Pierhead included)																								
TW1																															
S26S1460	Piling-TW1		100%	70	21-Oct-10 A	11-Nov-10 A	Piling-TW1																								
S26S1470	Cap & Backfill - TW1		100%	36	27-Jan-11 A	19-Feb-11 A	Cap & Backfill - TW1																								
S26S1480	Pier-TW1 (Pierhead included)		100%	96	23-May-11 A	08-Jul-11 A	Pier-TW1 (Pierhead included)																								
TW2																															
S26S1462	Piling-TW2		100%	41	28-Mar-11 A	15-Apr-11 A	Piling-TW2																								
S26S1472	Cap & Backfill - TW2		100%	45	21-Jun-11 A	15-Jul-11 A	Cap & Backfill - TW2																								
S26S1482	Pier-TW2 (Pierhead included)	-12	50%	96	26-Jul-11 A	22-Nov-11	Pier-TW2 (Pierhead included)																								
Decking and Finishing																															
S26S560	Decking (Bearings, Drainage & MJ included)	1	37.62%	199	27-Jul-11 A	27-Feb-12	Decking (Bearings, Drainage & MJ included)																								
S26S570	Balanced Cantilever at TW1	-8	29.84%	63	27-Jul-11 A	18-Nov-11	Balanced Cantilever at TW1																								
S26S580	Preparing of Travelling Form	-8	76.67%	18	27-Jul-11 A	30-Sep-11	Preparing of Travelling Form																								
S26S590	Construction of Cantiliver Deck	-8	0%	40	30-Sep-11	18-Nov-11	Construction of Cantiliver Deck																								
S26S610	South End Span	1	0%	40	18-Nov-11	07-Jan-12	South End Span																								
S26S630	Balanced Cantilever at TW2 & Stitching (TW1-TW2)	-12	0%	58	23-Nov-11	04-Feb-12	Balanced Cantilever at TW2 & Stitching (TW1-TW2)																								
S26S640	Preparing of Travelling Form	-12	0%	12	23-Nov-11	06-Dec-11	Preparing of Travelling Form																								
S26S650	Construction of Cantiliver Deck	-12	0%	40	14-Dec-11	04-Feb-12	Construction of Cantiliver Deck																								
S26S660	Stitching TW1-TW2	1	0%	18	06-Feb-12	25-Feb-12	Stitching TW1-TW2																								
S26S670	Balanced Cantilever at TW3 & Stitching (TW2-TW3)	-13	0%	52	15-Dec-11	21-Feb-12	Balanced Cantilever at TW3 & Stitching (TW2-TW3)																								
S26S680	Preparing of Travelling Form	-13	0%	12	15-Dec-11	31-Dec-11	Preparing of Travelling Form																								
S26S690	Construction of Cantiliver Deck	-13	0%	40	31-Dec-11	21-Feb-12	Construction of Cantiliver Deck																								

Incllement weather cause delay

Activity ID	Activity Name	Total Float	Activity % Complete	Original Duration	Start	Finish	2011												2012				2013																												
							Q2			Q3			Q4			Q1		Q2		Q3		Q4																													
							14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45													
S26AN560	Erect Scaffolding & Soil Nail Installation (7NW-A/C35-sn) - Stage 1 (OP) 25nos.		100%	10	01-Sep-10 A	11-Sep-10 A	Nail Installation (7NW-A/C35-sn) - Stage 1 (OP) 25nos.																																												
S26AN570	Erect Scaffolding & Soil Nail Installation (7NW-A/C35-sn) - Stage 2 (KLMN) 285nos.		100%	40	13-Sep-10 A	19-Oct-10 A	& Soil Nail Installation (7NW-A/C35-sn) - Stage 2 (KLMN) 285nos.																																												
S26AN580	Erect Scaffolding & Soil Nail Installation (7NW-A/C35-sn) - Stage 3 (GHIJ) 370nos.		100%	57	30-Sep-10 A	19-Oct-10 A	& Soil Nail Installation (7NW-A/C35-sn) - Stage 3 (GHIJ) 370nos.																																												
S26AN590	Erect Scaffolding & Soil Nail Installation (7NW-A/C35-sn) - Stage 4 (CDEF) 407nos.		100%	62	20-Oct-10 A	19-Nov-10 A	ding & Soil Nail Installation (7NW-A/C35-sn) - Stage 4 (CDEF) 407nos.																																												
S26AN650	Erect Scaffolding & Soil Nail Installation (7NW-A/C35-sn) - Stage 5 (AB) 204nos.		100%	31	01-Nov-10 A	20-Nov-10 A	ding & Soil Nail Installation (7NW-A/C35-sn) - Stage 5 (AB) 204nos.																																												
S26AN660	Slope 7NW-A/CR39		100%	80	22-Nov-10 A	28-Mar-11 A	Slope 7NW-A/CR39																																												
S26AN670	Erect Scaffolding & Soil Nail Installation (7NW-A/CR39) - Stage 1 (JK) 28nos.		100%	10	22-Nov-10 A	15-Dec-10 A	Scaffolding & Soil Nail Installation (7NW-A/CR39) - Stage 1 (JK) 28nos.																																												
S26AN680	Erect Scaffolding & Soil Nail Installation (7NW-A/CR39) - Stage 2 (DEFGHI) 162nos.		100%	40	16-Dec-10 A	25-Feb-11 A	Erect Scaffolding & Soil Nail Installation (7NW-A/CR39) - Stage 2 (DEFGHI) 162nos.																																												
S26AN690	Erect Scaffolding & Soil Nail Installation (7NW-A/CR39) - Stage 3 (ABC) 109nos.		100%	30	22-Feb-11 A	28-Mar-11 A	Erect Scaffolding & Soil Nail Installation (7NW-A/CR39) - Stage 3 (ABC) 109nos.																																												
S26AN700	Debris Catcher Fence and NTHA Protective Measures (Area 6-2) [Provisional Item]	96	0%	150	03-May-12	31-Oct-12	Debris Catcher Fence and NTHA Protective Measures																																												
S26AN710	Site Access to Hazard Rock Areas	96	0%	75	03-May-12	01-Aug-12	Site Access to Hazard Rock Areas																																												
S26AN720	Installation of Rock Fall Fence	96	0%	75	02-Aug-12	31-Oct-12	Installation of Rock Fall Fence																																												
S26AN800	Debris Catcher Fence and NTHA Protective Measures (Area 5) [Provisional Item]	166	0%	80	03-May-12	07-Aug-12	Debris Catcher Fence and NTHA Protective Measures (Area 5) [P																																												
S26AN810	Site Access to Hazard Rock Areas	166	0%	40	03-May-12	19-Jun-12	Site Access to Hazard Rock Areas																																												
S26AN820	Installation of Rock Fall Fence	166	0%	40	20-Jun-12	07-Aug-12	Installation of Rock Fall Fence																																												
S26AN900	Debris Catcher Fence and NTHA Protective Measures (Area 6-1) [Provisional Item]	96	0%	225	03-May-12	30-Jan-13	Debris Catcher Fence and NTHA Prote																																												
S26AN910	Site Access to Hazard Rock Areas	171	0%	75	03-May-12	01-Aug-12	Site Access to Hazard Rock Areas																																												
S26AN920	Installation of Rock Fall Fence	96	0%	75	01-Nov-12	30-Jan-13	Installation of Rock Fall Fence																																												
Construction of Retaining Wall																																																			
Retaining Wall W65C (w/SP)																																																			
S26AN100	Sheet Pile/Excavate & Construct W65C (w/SP)		100%	150	27-Jun-11 A	25-Jul-11 A	Sheet Pile/Excavate & Construct W65C (w/SP)																																												
S26AN101	Sheet Pile and Excavation		100%	24	27-Jun-11 A	25-Jul-11 A	Sheet Pile and Excavation																																												
S26AN102	Construction of Structure W65C		100%	72	27-Jun-11 A	25-Jul-11 A	Construction of Structure W65C																																												
S26AN103	Backfilling		100%	24	27-Jun-11 A	25-Jul-11 A	Backfilling																																												
Retaining Wall W68																																																			
S26AN120	Sheet Pile/Excavate & Construct W68 (w/SP)		100%	99	26-Feb-11 A	30-Jun-11 A	Sheet Pile/Excavate & Construct W68 (w/SP)																																												
S26AN121	Sheet Pile and Excavation		100%	19	15-Nov-10 A	04-Dec-10 A	and Excavation																																												
S26AN122	Construction of Structure W68	92	0%	75	26-Aug-11 A	30-Dec-11	Construction of Structure W68																																												
S26AN123	Backfilling	5	0%	54	20-Apr-12	25-Jun-12	Backfilling																																												
Retaining Wall W69 on Mini-Piles (AD 3)																																																			
S26AN142	Prepare Piling Platform for W69		100%	24	21-Sep-10 A	10-Oct-10 A	form for W69																																												
S26AN144	Pre-drilling for W69		100%	24	10-Sep-10 A	10-Oct-10 A)																																												
S26AN146	Pipe Pile for W69		100%	77	20-Oct-10 A	24-Dec-10 A	e for W69																																												
S26AN147	Pipe Pile for W69 - Stage 1 (south)		100%	38	20-Oct-10 A	19-Nov-10 A	W69 - Stage 1 (south)																																												
S26AN148	Pipe Pile for W69 - Stage 2 (north)		100%	26	20-Nov-10 A	19-Dec-10 A	for W69 - Stage 2 (north)																																												
S26AN149	Excavate and Tension Piles W69		100%	110	26-Mar-11 A	11-Aug-11 A	Excavate and Tension Piles W69																																												
S26AN150	Excavation and Installation of Tension Piles - Stage 1 (south)		100%	55	26-Mar-11 A	04-Jun-11 A	Excavation and Installation of Tension Piles - Stage 1 (south)																																												
S26AN151	Excavation and Installation of Tension Piles - Stage 2 (north)		100%	55	13-Jun-11 A	16-Aug-11 A	Excavation and Installation of Tension Piles - Stage 2 (north)																																												
S26AN152	Retaining Wall & Drainage W69	5	0%	120	26-Aug-11 A	25-Jun-12	Retaining Wall & Drainage W69																																												
S26AN153	Construction of Structure W69	5	0%	75	26-Aug-11 A	28-Feb-12	Construction of Structure W69																																												
S26AN154	Drainage	5	0%	40	29-Feb-12	19-Apr-12	Drainage																																												
S26AN155	Backfilling	5	0%	54	20-Apr-12	25-Jun-12	Backfilling																																												
Retaining Wall W70																																																			
S26AN170	Sheet Pile/Excavate & Construct W70 (w/SP)		100%	165	26-Feb-11 A	17-Sep-11 A	Sheet Pile/Excavate & Construct W70 (w/SP)																																												
S26AN171	Sheet Pile and Excavation		100%	18	03-Dec-10 A	14-Dec-10 A	e and Excavation																																												
S26AN172	Construction of Structure W70 (w/SP)	116	26.67%	75	18-Jul-11 A	30-Nov-11	Construction of Structure W70 (w/SP)																																												
S26AN173	Drainage & Backfilling	5	0%	54	20-Apr-12	25-Jun-12	Drainage & Backfilling																																												
Retaining Wall W72A (w/SP)																																																			

Activity ID	Activity Name	Total Float	Activity % Complete	Original Duration	Start	Finish	2011												2012												2013											
							Q2			Q3			Q4			Q1			Q2			Q3			Q4			Q1			Q2			Q3			Q4					
							14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45				
S26AN190	Sheet Pile/Excavate & Construct W72A (w/SP)		100%	92	15-Mar-11 A	08-Jul-11 A	Sheet Pile/Excavate & Construct W72A (w/SP)												Inclement Weather Cause Delay																							
S26AN191	Sheet Pile and Excavation		100%	34	30-Oct-10 A	31-Jan-11 A	Sheet Pile and Excavation																																			
S26AN192	Construction of Structure W72A (w/SP)		100%	46	03-Jan-11 A	24-Mar-11 A	Construction of Structure W72A (w/SP)																																			
S26AN193	Draiage & Backfilling	-18	10%	68	31-Aug-11 A	08-Dec-11	Draiage & Backfilling																																			
Roadworks, Drainage & Utilities																																										
S26AN400	Roadworks, Drainages & Utilities	13	0%	192	20-Nov-12	18-Jul-13													Roadworks, Drainages & Utilities																							
S26AN401	Removal of existing paving - Stage 1 (CH3900 - 4500 & Slip Rd J&...)	73	0%	50	20-Nov-12	21-Jan-13													Removal of existing paving - Stage 1 (CH3900 - 4500 & Slip Rd J&...)																							
S26AN402	Utilities - Stage 1 (CH4500-4840)	12	0%	75	20-Nov-12	22-Feb-13													Utilities - Stage 1 (CH4500-4840)																							
S26AN405	Drainages - Stage 1	12	0%	75	11-Dec-12	15-Mar-13													Drainages - Stage 1																							
S26AN407	Road Surface - Stage 1	12	0%	75	04-Jan-13	10-Apr-13													Road Surface - Stage 1																							
S26AN408	Roadmark - Stage 1	45	0%	75	25-Jan-13	02-May-13													Roadmark - Stage 1																							
S26AN409	Removal of existing paving - Stage 2 (CH4020-4500)	24	0%	25	22-Feb-13	23-Mar-13													Removal of existing paving - Stage 2 (CH4020-4500)																							
S26AN410	Utilities - Stage 2 (CH4020-4500)	13	0%	50	22-Feb-13	26-Apr-13													Utilities - Stage 2 (CH4020-4500)																							
S26AN412	Drainages - Stage 2	13	0%	50	15-Mar-13	20-May-13													Drainages - Stage 2																							
S26AN414	Road Surface - Stage 2	13	0%	50	10-Apr-13	10-Jun-13													Road Surface - Stage 2																							
S26AN416	Roadmark - Stage 2	13	0%	31	10-Jun-13	18-Jul-13													Roadmark - Stage 2																							
S26AN418	Lane shifting for Borth Bound, SA26A	13	0%	24	18-Jul-13	14-Aug-13													Lane shifting for Borth Bound, SA26A																							
S26AN420	Slip Road Q (At W65C)	17	0%	75	20-Nov-12	22-Feb-13													Slip Road Q (At W65C)																							
S26AN430	Slip Road R (From W72A to W73) Stage 1	-18	0%	50	26-Jan-12	24-Mar-12													Slip Road R (From W72A to W73) Stage 1																							
S26AN435	Slip Road R (From W70 to B18A) Stage 2	24	0%	133	26-Jun-12	01-Dec-12													Slip Road R (From W70 to B18A) Stage 2																							
S26AN436	Slip Road R (From W70 to B18A) Stage 2.1, formation	24	0%	43	26-Jun-12	15-Aug-12													Slip Road R (From W70 to B18A) Stage 2.1, formation																							
S26AN437	Slip Road R (From W70 to B18A) Stage 2.2, Drainage&utilities	24	0%	45	16-Aug-12	09-Oct-12													Slip Road R (From W70 to B18A) Stage 2.2, Drainage&utilities																							
S26AN438	Slip Road R (From W70 to B18A) Stage 2.3, pavement & roadworks	24	0%	45	10-Oct-12	01-Dec-12													Slip Road R (From W70 to B18A) Stage 2.3, pavement & roadworks																							
S26AN440	Slip Road J (Under Bridge 15A)	17	0%	50	20-Nov-12	21-Jan-13													Slip Road J (Under Bridge 15A)																							
S26AN450	TTA Stage 3	41	0%	0	24-Mar-12														TTA Stage 3																							
Noise Barriers & Road Barriers																																										
S26AN300	Construct Beam Barrier	12	0%	137	01-Mar-13	17-Aug-13													Construct Beam Barrier																							
S26AN310	Erection of Short Column	12	0%	69	01-Mar-13	28-May-13													Erection of Short Column																							
S26AN320	Installation of M-Barrier	12	0%	68	28-May-13	17-Aug-13													Installation of M-Barrier																							
Traffic Control & Survelance System																																										
S26AN480	TCSS, G25, G26, G27 & G28	44	0%	75	10-Apr-13	11-Jul-13													TCSS, G25, G26, G27 & G28																							
Modification of Existing Bridge																																										
S26AN200	Modification of Existing Bridge 15	-13	0%	100	28-Feb-13	04-Jul-13													Modification of Existing Bridge 15																							
S26AN210	Demolish of Central Barrier	-13	0%	50	28-Feb-13	03-May-13													Demolish of Central Barrier																							
S26AN220	Raising of Concrete Edge	-13	0%	50	03-May-13	04-Jul-13													Raising of Concrete Edge																							
Road Resurfacing & Line Marking																																										
S26AN490	Resurfacing/Line Marking North Lane SA26A	-13	0%	112	03-May-13	14-Sep-13													Resurfacing/Line Marking North Lane SA26A																							
S26AN491	Resurfacing	-13	0%	50	03-May-13	04-Jul-13													Resurfacing																							
S26AN492	Road Marking & Lane Shifting	-13	0%	62	04-Jul-13	14-Sep-13													Road Marking & Lane Shifting																							
Landscaping																																										
S26AN610	Landscaping Works	96	0%	75	31-Jan-13	07-May-13													Landscaping Works																							
South Bound																																										
Preliminaries																																										
S26AS000	Site Clearance/Access Rd		100%	164	26-Feb-10 A	14-Sep-10 A	Site Clearance/Access Rd																																			
S26AS010	Site Clearance		100%	75	26-Feb-10 A	18-Jun-10 A	Site Clearance																																			
S26AS020	Access Road		100%	75	31-May-10 A	14-Sep-10 A	Access Road																																			
Slopeworks																																										
S26AS510	Slope Reinstatement Works (Bridge 15A)	68	0%	175	11-Feb-12	11-Sep-12													Slope Reinstatement Works (Bridge 15A)																							
S26AS520	Soil Nail Installation - Stage 1 (Upper)	68	0%	72	11-Feb-12	10-May-12													Soil Nail Installation - Stage 1 (Upper)																							
S26AS530	Soil Nail Installation - Stage 2 (Lower)	68	0%	72	11-May-12	06-Aug-12													Soil Nail Installation - Stage 2 (Lower)																							
S26AS540	Slope Surface Treatment	68	0%	31	07-Aug-12	11-Sep-12													Slope Surface Treatment																							
Construction of Retaining Wall																																										
Retaining Wall W65A																																										
S27S1000	Sheet Pile/Excavate & Construct W65A		100%	83	28-Dec-10 A	08-Apr-11 A	Sheet Pile/Excavate & Construct W65A																																			
S27S1001	Sheet Pile & Excavation		100%	32	28-Dec-10 A	07-Feb-11 A	Sheet Pile & Excavation																																			
S27S1002	Construction of Structure W65A and Backfilling		100%	50	11-Apr-11 A	13-Aug-11 A	Construction of Structure W65A and Backfilling																																			
Retaining Wall W65B, (CSD 1)																																										

Activity ID	Activity Name	Total Float	Activity % Complete	Original Duration	Start	Finish	2011												2012												2013																				
							Q2			Q3			Q4			Q1			Q2			Q3			Q4			Q1	Q2	Q3	Q4																				
							14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45													
SA290010	Site Area SA29 Works Completion	0	0%	0		25-Jun-13*	◆ Site Area SA29 W																																												
SA290020	Temporary Traffic Arrangement (Detail shall refer to supplementary information)	0	32.59%	764	27-Jul-10 A	25-Jun-13	Temporary Traffic																																												
SA290030	Overall Utilities Diversion (Detail shall refer to supplementary information)	0	32.59%	764	27-Jul-10 A	25-Jun-13	Overall Utilities D																																												
North Bound																																																			
Preliminaries																																																			
S29N0000	Site Clearance/Access Rd		100%	60	26-Jan-11 A	09-Apr-11 A	Site Clearance/Access Rd																																												
Roadworks, Drainage & Utilities																																																			
S29N4010	Realignment of Tai Wo Service Rd. West (8 sections)	11	0%	387	15-Feb-12	06-Jun-13	Realignment of Tai W																																												
S29N4021	Realignment of Tai Wo Service Rd. West - Section 1 (ch5340-5370)	11	0%	50	15-Feb-12	17-Apr-12	Realignment of Tai Wo Service Rd. West - Section 1 (ch5340-5370)																																												
S29N4022	Realignment of Tai Wo Service Rd. West - Section 2 (ch5370-5400)	11	0%	49	18-Apr-12	15-Jun-12	Realignment of Tai Wo Service Rd. West - Section 2 (ch5370-5400)																																												
S29N4023	Realignment of Tai Wo Service Rd. West - Section 3 (ch5400-5430)	11	0%	48	16-Jun-12	13-Aug-12	Realignment of Tai Wo Service Rd. West - Section 3 (ch5400-54																																												
S29N4024	Realignment of Tai Wo Service Rd. West - Section 4 (ch5430-5460)	11	0%	48	14-Aug-12	10-Oct-12	Realignment of Tai Wo Service Rd. West - Section 4 (ch																																												
S29N4025	Realignment of Tai Wo Service Rd. West - Section 5 (ch5460-5490)	11	0%	48	11-Oct-12	06-Dec-12	Realignment of Tai Wo Service Rd. West - Sect																																												
S29N4028	Realignment of Tai Wo Service Rd. West - Section 6 (ch5490-5520)	11	0%	48	07-Dec-12	04-Feb-13	Realignment of Tai Wo Service Rd. We																																												
S29N4029	Realignment of Tai Wo Service Rd. West - Section 7 (ch5520-5550)	11	0%	48	05-Feb-13	09-Apr-13	Realignment of Tai Wo Servi																																												
S29N4030	Realignment of Tai Wo Service Rd. West - Section 8 (ch5550-5580)	11	0%	48	10-Apr-13	06-Jun-13	Realignment of Tai W																																												
S29N4100	Gravity Sewer Line (4 sections)	31	0%	111	03-Jan-11 A	20-Mar-12	Gravity Sewer Line (4 sections)																																												
S29N4110	Gravity Sewer Line - Stage 1 (STS10.30-80)		100%	30	03-Jan-11 A	16-Jul-11 A	Gravity Sewer Line - Stage 1 (STS10.30-80)																																												
S29N4120	Gravity Sewer Line - Stage 2 (STS10.10-30)	11	0%	30	07-Jan-12	14-Feb-12	Gravity Sewer Line - Stage 2 (STS10.10-30)																																												
S29N4130	Gravity Sewer Line - Stage 2 (STS10.80-105)	31	0%	30	15-Feb-12	20-Mar-12	Gravity Sewer Line - Stage 2 (STS10.80:105)																																												
Noise Barriers & Road Barriers																																																			
Noise Barrier NB42 on Mini-Piles (AD)																																																			
S29N2000	WSD/DSD/HKCG/PCCW/HGC/CATV/NWT/HKBN/TGT/CLP Divers...	247	45%	72	11-Apr-11 A	12-Nov-11	WSD/DSD/HKCG/PCCW/HGC/CATV/NWT/HKBN/TGT/CLP Diversion																																												
S29N2020	Footing for NB42 (Bay1 - Bay9)		100%	110	06-Dec-10 A	05-Jul-11 A	Footing for NB42 (Bay1 - Bay9)																																												
S29N2030	Footing for NB42 (Bay1 - Bay5)		100%	60	06-Dec-10 A	05-Jul-11 A	Footing for NB42 (Bay1 - Bay5)																																												
S29N2040	Footing for NB42 (Bay6 - Bay9)		100%	50	06-Dec-10 A	05-Jul-11 A	Footing for NB42 (Bay6 - Bay9)																																												
S29N3000	Construct Noise Barrier & Beam Barrier	247	0%	60	12-Nov-11	28-Jan-12	Construct Noise Barrier & Beam Barrier																																												
Landscaping																																																			
S29N6000	Landscaping Works	11	0%	45	07-Jun-13	31-Jul-13	Landscaping																																												
Site Area SA32																																																			
PHSA3210	Possession of SA32 (Day365)		100%	0	25-Feb-11 A		Possession of SA32 (Day365)																																												
SA320000	Site Area SA32 Works Period	154	33.21%	265	25-Feb-11 A	20-Mar-12	Site Area SA32 Works Period																																												
SA320010	Site Area SA32 Works Completion	0	0%	0		25-Jun-13*	◆ Site Area SA32 W																																												
General																																																			
S32G0000	Site Clearance/TTM		100%	72	26-Mar-11 A	25-Jun-11 A	Site Clearance/TTM																																												
S32G4010	Construct Roadside Fully Variable Message Sign - Stage 1 (2 nos)	124	0%	72	26-Sep-11	20-Dec-11	Construct Roadside Fully Variable Message Sign - Stage 1 (2 nos)																																												
S32G4020	Construct Roadside Fully Variable Message Sign - Stage 2 (2 nos)	124	0%	72	21-Dec-11	20-Mar-12	Construct Roadside Fully Variable Message Sign - Stage 2 (2 nos)																																												
S32G4030	600mm dia Live Gas Main Diversion, HKCG	33	0%	72	26-Sep-11	20-Dec-11	600mm dia Live Gas Main Diversion, HKCG																																												
S32G4040	18 nos. cables diversion, PCCW	136	0%	36	26-Sep-11	08-Nov-11	18 nos. cables diversion, PCCW																																												
S32G4050	132 KV Diversion, CLP	136	0%	24	09-Nov-11	06-Dec-11	132 KV Diversion, CLP																																												
Construction of New Lam Kam Road																																																			
Substructure and Pier Construction																																																			
South Ramp																																																			
S28N1213	Temporary Work for Excavation	-18	0%	12	24-Jul-12	07-Aug-12	Temporary Work for Excavation																																												
S28N1214	Excavation	-18	0%	16	07-Aug-12	25-Aug-12	Excavation																																												
S28N1215	Construction of South Ramp	-18	0%	119	25-Aug-12	18-Jan-13	Construction of South Ramp																																												
S28N1216	Base Slab	-18	0%	51	25-Aug-12	27-Oct-12	Base Slab																																												
S28N1217	Wing Wall	-18	0%	68	27-Oct-12	18-Jan-13	Wing Wall																																												
South Abutment																																																			
S28N1220	Gas Main Diversion	81	0%	24	21-Dec-11	20-Jan-12	Gas Main Diversion																																												
S28N1230	Piling Work (24shp)	-18	0%	48	25-May-12	24-Jul-12	Piling Work (24shp)																																												
S28N1240	Cap and Abutment	-12	0%	56	24-Jul-12	27-Sep-12	Cap and Abutment																																												
S28N1250	Pile Cap	-12	0%	30	24-Jul-12	28-Aug-12	Pile Cap																																												
S28N1260	Abutment	-12	0%	26	28-Aug-12	27-Sep-12	Abutment																																												

Activity ID	Activity Name	Total Float	Activity % Complete	Original Duration	Start	Finish	2011												2012												2013																				
							Q2			Q3			Q4			Q1			Q2			Q3			Q4		Q1		Q2		Q3		Q4																		
							14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45													
S28N1345	Piling Work (16shp)		100%	62	26-Jan-11 A	28-Feb-11 A	Piling Work (16shp)																																												
S28N1346	Temporary Shoring System		100%	44	08-Mar-11 A	16-Apr-11 A	Temporary Shoring System																																												
S28N1347	Excavation to Formation Level		100%	7	08-Mar-11 A	16-Apr-11 A	Excavation to Formation Level																																												
S28N1348	Pile Head Trimming and bearing plate		100%	14	27-Apr-11 A	17-May-11 A	Pile Head Trimming and bearing plate																																												
S28N1349	Pile Cap Construction		100%	21	19-May-11 A	31-May-11 A	Pile Cap Construction																																												
S28N1350	Backfilling	123	0%	30	26-Sep-11	01-Nov-11	Backfilling																																												
S28N1351	Pier Construction	123	70%	72	12-Sep-11 A	26-Nov-11	Pier Construction																																												
Pier NLKP8																																																			
S28N1361	Realignment of Existing slip road		100%	45	19-May-10 A	13-Jul-10 A	Realignment of Existing slip road																																												
S28N1363	Existing Water main Diversion		100%	45	14-Jul-10 A	03-Sep-10 A	Existing Water main Diversion																																												
S28N1364	Pre-drilling for Piles		100%	18	04-Sep-10 A	25-Sep-10 A	Pre-drilling for Piles																																												
S28N1365	Confirmation of Founding Level		100%	14	27-Sep-10 A	13-Oct-10 A	Confirmation of Founding Level																																												
S28N1366	Piling Work (24shp)		100%	75	14-Jan-11 A	05-Feb-11 A	Piling Work (24shp)																																												
S28N1367	Temporary Shoring System		100%	44	26-Apr-11 A	25-May-11 A	Temporary Shoring System																																												
S28N1368	Excavation to Formation Level	-18	50%	30	20-Jun-11 A	14-Oct-11	Excavation to Formation Level																																												
S28N1369	Pile Head Trimming and bearing plate	7	0%	7	15-Oct-11	22-Oct-11	Pile Head Trimming and bearing plate																																												
S28N1370	Pile Cap Construction	7	0%	24	24-Oct-11	19-Nov-11	Pile Cap Construction																																												
S28N1371	Backfilling	7	0%	24	21-Nov-11	17-Dec-11	Backfilling																																												
S28N1372	Pier Construction	93	0%	72	19-Dec-11	17-Mar-12	Pier Construction																																												
Pier NLKP9																																																			
S28N1381	Realignment of Existing slip road		100%	45	19-May-10 A	13-Jul-10 A	Realignment of Existing slip road																																												
S28N1382	Existing Water main Diversion		100%	45	14-Jul-10 A	03-Sep-10 A	Existing Water main Diversion																																												
S28N1383	Pre-drilling for Piles		100%	14	04-Sep-10 A	20-Sep-10 A	Pre-drilling for Piles																																												
S28N1384	Confirmation of Founding Level		100%	14	21-Sep-10 A	08-Oct-10 A	Confirmation of Founding Level																																												
S28N1385	Piling Work (24shp)	-18	0%	75	06-Oct-11	04-Jan-12	Piling Work (24shp)																																												
S28N1386	Temporary Shoring System	-18	0%	44	05-Jan-12	28-Feb-12	Temporary Shoring System																																												
S28N1387	Excavation to Formation Level	-18	0%	7	29-Feb-12	07-Mar-12	Excavation to Formation Level																																												
S28N1388	Pile Head Trimming and bearing plate	-18	0%	14	08-Mar-12	23-Mar-12	Pile Head Trimming and bearing plate																																												
S28N1389	Pile Cap Construction	-18	0%	36	24-Mar-12	10-May-12	Pile Cap Construction																																												
S28N1390	Backfilling	-18	0%	25	11-May-12	09-Jun-12	Backfilling																																												
S28N1391	Pier Construction	-18	0%	75	11-Jun-12	07-Sep-12	Pier Construction																																												
Pier NLKP10																																																			
S28N1401	132 kv Cable Diversion	2	0%	75	06-Oct-11	04-Jan-12	132 kv Cable Diversion																																												
S28N1402	Existing Water main Diversion	2	0%	39	05-Jan-12	22-Feb-12	Existing Water main Diversion																																												
S28N1405	Piling Work (17shp)	24	0%	60	23-Feb-12	08-May-12	Piling Work (17shp)																																												
S28N1409	Pile Cap construction	24	0%	42	09-May-12	28-Jun-12	Pile Cap construction																																												
S28N1411	Pier Construction	24	0%	75	29-Jun-12	25-Sep-12	Pier Construction																																												
North Abutment NKL																																																			
S28N1422	Existing Water Main Utilities Diversion	2	0%	52	23-Feb-12	27-Apr-12	Existing Water Main Utilities Diversion																																												
S28N1425	Piling Work (24shp)	2	0%	75	28-Apr-12	28-Jul-12	Piling Work (24shp)																																												
S28N1429	Pile Cap Construction	2	0%	50	30-Jul-12	25-Sep-12	Pile Cap Construction																																												
S28N1430	Abutment	2	0%	52	26-Sep-12	28-Nov-12	Abutment																																												
North Ramp																																																			
S28N1435	Construction of North Ramp	3	0%	171	30-Jul-12	23-Feb-13	Construction of North Ramp																																												
S28N1436	Temporary Work for Excavation	3	0%	24	30-Jul-12	25-Aug-12	Temporary Work for Excavation																																												
S28N1437	Excavation	3	0%	24	27-Aug-12	22-Sep-12	Excavation																																												
S28N1438	Base Slab	3	0%	52	24-Sep-12	26-Nov-12	Base Slab																																												
S28N1439	Wing Wall	3	0%	71	27-Nov-12	23-Feb-13	Wing Wall																																												
Decking and Finishing																																																			
S28N1440	Decking (Bearing, Drainage & MJ included)	2	23.97%	559	27-Jun-11 A	02-Mar-13	Decking (Bearing, Drainage & MJ included)																																												
S28N1450	NLKP4 to NLKP5	48	66%	75	27-Jun-11 A	27-Oct-11	NLKP4 to NLKP5																																												
S28N1460	NLKP3 to NLKP4	48	0%	75	14-Oct-11	12-Jan-12	NLKP3 to NLKP4																																												
S28N1470	NLKP2 to NLKP3	48	0%	75	15-Feb-12	17-May-12	NLKP2 to NLKP3																																												
S28N1480	NLKP1 to NLKP2	-14	0%	75	02-Aug-12	01-Nov-12	NLKP1 to NLKP2																																												
S28N1490	South Abutment to NLKP1	-14	0%	75	29-Sep-12	02-Jan-13	South Abutment to NLKP1																																												
S28N1500	NLKP5 to NLKP6	74	0%	75	02-Dec-11	06-Mar-12	NLKP5 to NLKP6																																												
S28N1510	NLKP6 to NLKP7	74	0%	75	31-Jan-12	03-May-12	NLKP6 to NLKP7																																												
S28N1520	NLKP7 to NLKP8	74	0%	75	14-Apr-12	16-Jul-12	NLKP7 to NLKP8																																												

Activity ID	Activity Name	Total Float	Activity % Complete	Original Duration	Start	Finish	2011												2012												2013																				
							Q2			Q3			Q4			Q1			Q2			Q3			Q4			Q1	Q2	Q3	Q4																				
							14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45													
S30AG810	Remainder of Establishment Works (Exclude Section 8 to 12)	0	0%	365	26-Jun-13	25-Jun-14																																													
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		r SA21 Route Maintenance Works																																												
S22G7000	Tentative Start Date for SA22 Route Maintenance Works		100%	0	26-Feb-10 A		orks																																												
S23G7000	Tentative Start Date for SA23 Route Maintenance Works		100%	0	25-Aug-10 A		A23 Route Maintenance Works																																												
S24G7000	Tentative Start Date for SA24 Route Maintenance Works		100%	0	25-Aug-10 A		A24 Route Maintenance Works																																												
S25G7000	Tentative Start Date for SA25 Route Maintenance Works		100%	0	20-Oct-10 A		ate for SA25 Route Maintenance Works																																												
S26AG700	Tentative Start Date for SA26A Route Maintenance Works		100%	0	26-Feb-10 A		Works																																												
S26G7000	Tentative Start Date for SA26 Route Maintenance Works		100%	0	26-Feb-10 A		orks																																												
S27G7000	Tentative Start Date for SA27 Route Maintenance Works		100%	0	27-May-10 A		aintenance Works																																												
S28G7000	Tentative Start Date for SA28 Route Maintenance Works		100%	0	26-Feb-10 A		orks																																												
S29G7000	Tentative Start Date for SA29 Route Maintenance Works		100%	0	20-Oct-10 A		ate for SA29 Route Maintenance Works																																												
S30AG700	Tentative Start Date for SA30A Route Maintenance Works		100%	0	25-Aug-10 A		A30A Route Maintenance Works																																												
S30G7000	Tentative Start Date for SA30 Route Maintenance Works		100%	0	26-Feb-10 A		orks																																												
S31G7000	Tentative Start Date for SA31 Route Maintenance Works		100%	0	26-Feb-10 A		orks																																												
Section 15 (Subject to Excision and Instruct by Engineer within 819 days)																																																			
General																																																			
SC150000	Validity Period	0	70.49%	820	25-Feb-10 A	24-May-12	Validity Period																																												
SC150010	Latest Date for the Engineer to Issue EI	0	0%	0		24-May-12*	◇ Latest Date for the Engineer to Issue EI																																												
Site Area SA30																																																			
PHSA3040	Possession of SA30 (Day0)		100%	0	26-Feb-10 A																																														
SA300001	Site Area SA30 Works Period	0	0%	397	25-May-12	25-Jun-13	Site Area SA30 W																																												
SA300020	Site Area SA30 Works Completion	0	0%	0		25-Jun-13*	◇ Site Area SA30 W																																												
North Bound																																																			
Preliminaries																																																			
S30N0002	Site Clearance/Access Rd	0	0%	80	25-May-12	29-Aug-12	Site Clearance/Access Rd																																												
S30N0021	Site Clearance	0	0%	40	25-May-12	13-Jul-12	Site Clearance																																												
S30N0022	Access Rd	0	0%	40	14-Jul-12	29-Aug-12	Access Rd																																												
Roadworks, Drainage & Utilities																																																			
S30N4600	Road Drainage System	0	0%	156	09-Jul-12	12-Jan-13	Road Drainage System																																												
S30N4610	Road Drainage System - Stage 1 (ch 5638 to 5700)	0	0%	40	09-Jul-12	23-Aug-12	Road Drainage System - Stage 1 (ch 5638 to 5700)																																												
S30N4620	Road Drainage System - Stage 2 (ch 5700 to 5760)	0	0%	40	24-Aug-12	11-Oct-12	Road Drainage System - Stage 2 (ch: 5700 to 5760)																																												
S30N4630	Road Drainage System - Stage 3 (ch 5760 to 5820)	0	0%	40	12-Oct-12	28-Nov-12	Road Drainage System - Stage 3 (ch 5760 to 5820)																																												
S30N4640	Road Drainage System - Stage 4 (ch 5820 to 5881)	0	0%	36	29-Nov-12	12-Jan-13	Road Drainage System - Stage 4 (ch 5820 to 5881)																																												
South Bound																																																			
Preliminaries																																																			
S30S0003	Site Clearance/TTM/Access Rd/Utility Diversion	0	0%	30	06-Dec-12	12-Jan-13	Site Clearance/TTM/Access Rd/Utility Diver																																												
Roadworks, Drainage & Utilities																																																			
S30S4600	Road Drainage System	0	0%	50	14-Jan-13	15-Mar-13	Road Drainage System																																												
Middle Lane																																																			
Preliminaries																																																			
S30M0004	Site Clearance/TTM/Access Rd/Utility Diversion	0	0%	30	27-Feb-13	06-Apr-13	Site Clearance/TTM/Access R																																												
Roadworks, Drainage & Utilities																																																			
S30M4600	Road Drainage System	0	0%	65	08-Apr-13	25-Jun-13	Road Drainage S																																												
S30M4610	Road Drainage System - Stage 1	0	0%	32	08-Apr-13	15-May-13	Road Drainage System																																												
S30M4620	Road Drainage System - Stage 2	0	0%	33	16-May-13	25-Jun-13	Road Drainage S																																												
Section 16 (Subject to Excision and Instruct by Engineer within 819 days)																																																			
General																																																			
SC150015	Validity Period	0	70.57%	819	25-Feb-10 A	23-May-12	Validity Period																																												
SC150020	Latest Date for the Engineer to Issue EI	0	0%	0		23-May-12	◇ Latest Date for the Engineer to Issue EI																																												
Site Area SA30																																																			
PHSA3050	Possession of SA30		100%	0	26-Feb-10 A																																														

Activity ID	Activity Name	Total Float	Activity % Complete	Original Duration	Start	Finish	2011												2012												2013																				
							Q2			Q3			Q4			Q1			Q2			Q3			Q4			Q1			Q2			Q3			Q4														
							14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45													
SA300011	Site Area SA30 Works Period	0	0%	398	24-May-12	25-Jun-13	Site Area SA30 W																																												
SA300030	Site Area SA30 Works Completion	0	0%	0		25-Jun-13*	Site Area SA30 W																																												
North Bound																																																			
Preliminaries																																																			
S30N0000	Site Clearance/TTM/Access Rd/Utility Diversion	0	0%	61	24-May-12	06-Aug-12	Site Clearance/TTM/Access Rd/Utility Diversion																																												
S30N10	Site Clearance	0	0%	31	24-May-12	30-Jun-12	Site Clearance																																												
S30N20	TTA & Access Road	0	0%	31	12-Jun-12	19-Jul-12	TTA & Access Road																																												
S30N30	Utilities Diversion	0	0%	31	30-Jun-12	06-Aug-12	Utilities Diversion																																												
SA300010	Site Area SA30 Works Completion	0	0%	0		25-Jun-13*	Site Area SA30 W																																												
Noise Barriers & Road Barriers																																																			
Noiser Barrier NB43 on Piles (AD)																																																			
S30N2000	Pre-drilling for NB43	0	0%	24	07-Aug-12	03-Sep-12	Pre-drilling for NB43																																												
S30N2010	Piles for NB43 (166shp)	0	0%	64	04-Sep-12	20-Nov-12	Piles for NB43 (166shp)																																												
S30N2020	Piling Work (ch5560-5660) (52nos. shp)	0	0%	20	04-Sep-12	26-Sep-12	Piling Work (ch5560-5660) (52nos. shp)																																												
S30N2030	Piling Work (ch5660-5760) (52nos. shp)	0	0%	20	27-Sep-12	22-Oct-12	Piling Work (ch5660-5760) (52nos. shp)																																												
S30N2040	Piling Work (ch5760-5880) (62nos. shp)	0	0%	24	24-Oct-12	20-Nov-12	Piling Work (ch5760-5880) (62nos. shp)																																												
S30N2050	Excavate to cut-off level	0	0%	60	27-Sep-12	08-Dec-12	Excavate to cut-off level																																												
S30N2060	Footing for NB43	0	0%	60	20-Oct-12	02-Jan-13	Footing for NB43																																												
S30N2070	Footing (ch5560-5660) (52nos. shp)	0	0%	20	20-Oct-12	13-Nov-12	Footing (ch5560-5660) (52nos. shp)																																												
S30N2080	Footing (ch5660-5760) (52nos. shp)	0	0%	20	14-Nov-12	06-Dec-12	Footing (ch5660-5760) (52nos. shp)																																												
S30N2090	Footing (ch5760-5880) (62nos. shp)	0	0%	20	07-Dec-12	02-Jan-13	Footing (ch5760-5880) (62nos. shp)																																												
S30N2100	Backfilling	0	0%	24	03-Jan-13	30-Jan-13*	Backfilling																																												
Noise Barrier NB 30																																																			
S30N3100	Construct Beam Barrier & Noise Barrier (MCNB5638 to 5881)	5	0%	60	08-Apr-13	19-Jun-13	Construct Beam Barrier																																												
S30N3110	Construct Beam Barrier & Noise Barrier (MCNB5638 to 5760)	5	0%	30	08-Apr-13	13-May-13	Construct Beam Barrier																																												
S30N3120	Construct Beam Barrier & Noise Barrier (MCNB5760 to 5881)	5	0%	30	14-May-13	19-Jun-13	Construct Beam Barrier																																												
Noise Barriers & Road Barriers NB42, NB42A & NB47																																																			
S30AN200	Noise Barrier NB42, NB42A & NB47 Foundation	0	0%	203	19-Jul-12	22-Mar-13	Noise Barrier NB42, NB42A & NB47																																												
S30AN211	NB42 : Construction of Footing	0	0%	21	19-Jul-12	11-Aug-12	NB42 : Construction of Footing																																												
S30AN212	NB42 : Erecting H-Column	0	0%	20	13-Aug-12	04-Sep-12	NB42 : Erecting H-Column																																												
S30AN213	NB42 : Installing Panel	0	0%	20	05-Sep-12	27-Sep-12	NB42 : Installing Panel																																												
S30AN221	NB42A : Construction of Footing	0	0%	20	28-Sep-12	24-Oct-12	NB42A : Construction of Footing																																												
S30AN222	NB42A : Erecting H-Column	0	0%	20	25-Oct-12	16-Nov-12	NB42A : Erecting H-Column																																												
S30AN223	NB42A : Installing Panel	0	0%	20	17-Nov-12	10-Dec-12	NB42A : Installing Panel																																												
S30AN231	NB47 : Installing Sheet Pile & ELS Works	0	0%	21	11-Dec-12	07-Jan-13	NB47 : Installing Sheet Pile & ELS Works																																												
S30AN232	NB47 : Constructing Foundation	0	0%	21	08-Jan-13	31-Jan-13	NB47 : Constructing Foundation																																												
S30AN233	NB47 : Erecting H-Column	0	0%	20	01-Feb-13	27-Feb-13	NB47 : Erecting H-Column																																												
S30AN234	NB47 : Installing Panel	0	0%	20	28-Feb-13	22-Mar-13	NB47 : Installing Panel																																												
South Bound																																																			
Preliminaries																																																			
S30S0000	Site Clearance/TTM/Access Rd/Utility Diversion	0	0%	45	18-Dec-12	14-Feb-13	Site Clearance/TTM/Access Rd/Utility																																												
Noise Barriers & Road Barriers																																																			
S30S2030	Noise Barrier NB44 & NB45 Foundation	0	0%	48	15-Feb-13	16-Apr-13	Noise Barrier NB44 & NB45																																												
S30S2040	Noise Barrier NB44 Foundation	0	0%	24	15-Feb-13	14-Mar-13	Noise Barrier NB44 Foundation																																												
S30S2050	Noise Barrier NB45 Foundation	0	0%	24	15-Mar-13	16-Apr-13	Noise Barrier NB45 Foundat																																												
S30S3000	Construct Noise Barrier & Beam Barrier	0	0%	57	17-Apr-13	25-Jun-13	Construct Noise B																																												
S30S3010	Construct Noise Barrier	0	0%	27	17-Apr-13	20-May-13	Construct Noise Barrier																																												
S30S3020	Construct Beam Barrier	0	0%	30	21-May-13	25-Jun-13	Construct Beam B																																												
S30S3100	Construct Beam Barrier & Noise Barrier (MCNB5705 to 5870)	0	0%	45	06-Feb-13	06-Apr-13	Construct Beam Barrier & Noi																																												
S30S3110	Construct Beam Barrier (MCNB5705 to 5870)	0	0%	15	06-Feb-13	26-Feb-13	Construct Beam Barrier (MCNB570																																												
S30S3120	Construct Noise Barrier (MCNB5705 to 5870)	0	0%	30	27-Feb-13	06-Apr-13	Construct Noise Barrier (MCN																																												
Site Area SA30A																																																			
SA300015	Site Area SA30 Works Period	0	0%	398	24-May-12	25-Jun-13	Site Area SA30 W																																												
SA30A000	Site Area SA30A Works Completion	0	0%	0		25-Jun-13*	Site Area SA30A																																												
North Bound																																																			
Preliminaries																																																			

