

Activity ID	Activity Name	Original Duration	Start	Finish	2012											
KEY DATES					Q2											
Section Completion																
Section Completion Date																
No SUB LOCATION																
KD-300200	KD2 Section 2 Areas SA8,SA9+SA9A Wrk(915d)	0		19-Apr-12*	◆ KD2 Section 2 Areas SA8,SA9+SA9A Wrk(915d)											
PRELIMINARES & GENERAL REQUIREMENTS, PROCUREMENT																
Procurement																
Contractor's Designs																
No SUB LOCATION																
CD-110020	NB Design Comments & Approval	90	20-Dec-10 A	29-Mar-12	NB Design Comments & Approval											
REMAINDER OF SOFT LANDSCAPE: SECT. 6 WORKS																
Landscaping Works																
No LOCATION																
No SUB LOCATION																
S6-212800	Remainder Irrigation+ Landscape Soft Works	367	20-Mar-12*	21-Mar-13												
Z1: CH 0 to CH 500: SECT. 1 WORKS																
Banyan & Banyan West Bridge Construction																
Demolition of Temporary Steel Bridge TB2																
No SUB LOCATION																
S1-191395	TTA Divert traffic to New Banyan West Bridge	0	19-Apr-12		◆ TTA Divert traffic to New Banyan West Bridge											
S1-191400	TTA Divert NB traffic to single S lane	0	19-Apr-12		◆ TTA Divert NB traffic to single S lane											
S1-191405	Remove Temp. NB side structures	6	19-Apr-12	25-Apr-12	Remove Temp. NB side structures											
S1-191410	Remove Temp. NB side ftg & Reinstate	12	19-Apr-12	04-May-12	Remove Temp. NB side ftg & Reinstate											
S1-191415	TTA Divert SB traffic to single N lane	0	05-May-12		◆ TTA Divert SB traffic to single N lane											
S1-191420	Remove Temp. SB side structures	6	05-May-12	11-May-12	Remove Temp. SB side structures											
S1-191425	Remove Temp. SB side ftg & Reinstate	12	05-May-12	18-May-12	Remove Temp. SB side ftg & Reinstate											
S1-191430	TTA Divert traffic N+SB to single lane	0	19-May-12		◆ TTA Divert traffic N+SB to single lane											
S1-191435	Remove Temp. column+ftg & Reinstate	12	19-May-12	01-Jun-12	Remove Temp. column+ftg & Reinstate											
New Banyan Bridge																
Pile Cap, Pier and Abutments																
S1-080430	Abutment North NBNA Abutment	46	24-May-11 A	30-Mar-12	Abutment North NBNA Abutment											
S1-080410	Abutment South NBAS Abutment	46	09-Jun-11 A	30-Mar-12	Abutment South NBAS Abutment											
Bridge Deck																
S1-080610	Abut South NBWSA to Pier NBP1 Decking, 44.95m	60	01-Feb-12 A	19-May-12	Abut South NBWSA to Pier NBP1 Decking, 44.95m											
S1-080620	Pier NBP1 to Abut North NBNA Decking 36.95m	60	01-Feb-12 A	19-May-12	Pier NBP1 to Abut North NBNA Decking 36.95m											
New Banyan Bridge West																
Foundation Works																
S1-090420	Pier NBWP Pile Cap	36	01-Feb-12 A	12-Mar-12	Pier NBWP Pile Cap											
Pile Cap, Pier and Abutments																
S1-090410	Abutment South NBWSA Abutment	48	21-Aug-11 A	30-Mar-12	Abutment South NBWSA Abutment											
S1-090430	Abutment North NBWNA Abutment	48	23-Aug-11 A	30-Mar-12	Abutment North NBWNA Abutment											
S1-090510	Pier NBWP Pier	36	22-Feb-12 A	16-Mar-12	Pier NBWP Pier											
Bridge Deck																
S1-090710	Parapets, 2 x 9 bays x 6mL	33	24-Feb-12	02-Apr-12	Parapets, 2 x 9 bays x 6mL											
S1-090610	Abut South NBWSA to Pier NBWP Decking, 27.46m	60	05-Mar-12 A	15-May-12	Abut South NBWSA to Pier NBWP Decking, 27.46m											
S1-090620	Pier NBWP to Abut North NBWNA Decking, 25.64m	60	05-Mar-12 A	15-May-12	Pier NBWP to Abut North NBWNA Decking, 25.64m											
S1-090820	Finishes and Furnitures	24	07-Mar-12	03-Apr-12	Finishes and Furnitures											
S1-090615	Prestressing Tendons, 1S1 to 8S1, 8 nr.	6	14-Mar-12	20-Mar-12	Prestressing Tendons, 1S1 to 8S1, 8 nr.											
S1-090720	Planter Trough & Skin, 2 x 9 bays x 6mL	27	16-Mar-12	19-Apr-12	Planter Trough & Skin, 2 x 9 bays x 6mL											
S1-090810	Movement Joints NBWMJ1 & NBWMJ2, 2 NR.	6	16-Mar-12	22-Mar-12	Movement Joints NBWMJ1 & NBWMJ2, 2 NR.											
S1-090850	Bituminous Surfacing	4	19-Mar-12	22-Mar-12	Bituminous Surfacing											
S1-090860	Painting Bridge (with TTA and night works)	2	23-Mar-12	24-Mar-12	Painting Bridge (with TTA and night works)											
S1-090900	New Banyan West Bridge Completion	0			◆ New Banyan West Bridge Completion											
Noise Barrier at Kwong Fuk West																
Noise Barrier Foundation Works																
S1-000345A	Ground Investigation Works	48	16-Nov-09 A	24-Mar-12	Ground Investigation Works											
S1-180310A	Prebored H Piles, 39 nr.	70	08-Nov-10 A	25-Apr-12	Prebored H Piles, 39 nr.											
S1-180700A	NB Steel Works, 3 bays	45	31-Jan-12	22-Mar-12	NB Steel Works, 3 bays											
S1-180310C	Prebored H Piles, 78 pile head trimmings	24	01-Feb-12 A	19-Apr-12	Prebored H Piles, 78 pile head trimmings											
S1-180800	NB Panel Installation, 6 bays	60	20-Mar-12	02-Jun-12	NB Panel Installation, 6 bays											
S1-180700B	NB Steel Works, 3 bays	45	23-Mar-12	19-May-12	NB Steel Works, 3 bays											
S1-180900	Completion of NB Kwong Fuk West Viaduct	0			◆ Completion of NB Kwong Fuk West Viaduct											
TCSS Works/Other Utilities																
S1-180905	Civil prov. works (CPW)- TCSS Pillar Box B	18	21-Apr-12	14-May-12	Civil prov. works (CPW)- TCSS Pillar Box B											
WM Test+Drain CCTV+Gantry+TCSS+ E&M Works																
TCSS Works																
No SUB LOCATION																
S1-700060	TCSS Sign Gantry G18	48	02-Jun-12	30-Jul-12												
Southbound Work- Ret. Wall, Noise B, Rd																
RW W3, NB6, and Slope S4																
Noise Barrier NB6																
S1-203060	NB6 Pilecap and plinth, 5 bays	64	14-Jun-12	29-Aug-12												
Cut Slope S4																
S1-031060A	Cut Slope S4 - excavation	44	26-Feb-11 A	09-May-12	Cut Slope S4 - excavation											

Contract: HY/2008/09
Widening of Tolo Highway / Fanling Highway
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Three Months Rolling Programme

Activity ID	Activity Name	Original Duration	Start	Finish	2012											
					Q2											
RW W2, NB7, Slope S3, Slip Rd C																
Cut Slope S3																
S1-031030A	Cut Slope S3- excavation	14	20-Dec-10 A	27-Mar-12	Cut Slope S3- excavation											
SB Road & Drain, Ch 0-300, after NB3																
Road Lighting/ or High Mast																
S1-051215A	Public Lighting - cabling works	18	19-Mar-12	11-Apr-12	Public Lighting - cabling works											
S1-051215B	Public Lighting - power supply connection & test	18	13-Apr-12	05-May-12	Public Lighting - power supply connection											
NB6 and Slope S4A, after TB1 demolition																
Noise Barrier NB6																
S1-208115	NB6 Prebored H Piles, 12 nr, L=18m	12	19-Mar-12	31-Mar-12	NB6 Prebored H Piles, 12 nr, L=18m											
S1-208120	NB6 Pile Testing	18	02-Apr-12	25-Apr-12	NB6 Pile Testing											
S1-208125	NB6 Pilecap and plinth, 7 bays	30	28-Apr-12	02-Jun-12	NB6 Pilecap											
S1-208130	NB6 Structural Steel	6	04-Jun-12	09-Jun-12	NB6 Structural Steel											
S1-208135	NB6 NB Panels	6	11-Jun-12	16-Jun-12	NB6 NB Panels											
Cut Slope S4A																
S1-208140A	Cut Slope S4A - excavation	8	18-Dec-10 A	28-Mar-12	Cut Slope S4A - excavation											
NB11, Slope S4B & F124, after TB2 dem.																
High Mast Lighting																
S1-200112	High Mast HM5 - footing+relocation+lamp	48	02-Jun-12	30-Jul-12	High Mast HM5 - footing+relocation+lamp											
Noise Barrier NB11																
S1-00345D	Ground Investigation Works - NB11	24	31-Mar-12	03-May-12	Ground Investigation Works - NB11											
S1-200110	NB11 Prebored H Piles, 24 nr, L=14m	48	05-May-12	02-Jul-12	NB11 Prebored H Piles, 24 nr, L=14m											
S1-201110	NB11 Pile Testing	42	02-Jun-12	23-Jul-12	NB11 Pile Testing											
Cut Slope S4B, S4C																
S1-031040A	Cut Slope S4B, S4C - excavation	24	16-Dec-10 A	16-Apr-12	Cut Slope S4B, S4C - excavation											
TCSS HUB (near KFW Viaduct)																
TCSS Hub																
S1-700000	TCSS HUB - footing	24	21-Apr-12*	21-May-12	TCSS HUB - footing											
S1-700007	TCSS HUB - structural works	48	23-May-12	19-Jul-12	TCSS HUB - structural works											
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	Ground Investigation Works - NB3											
S1-200030A	NB3 Prebored H Piles, 58 nr	58	24-Mar-12	05-Jun-12	NB3 Prebored H Piles, 58 nr											
S1-200030B	NB3 Prebored H Piles, 58 nr	58	07-Jun-12	15-Aug-12	NB3 Prebored H Piles, 58 nr											
Noise Barrier NB3 CH357-381, after TB1 demolition																
Noise Barrier Foundation Works																
S1-208065	NB3 Prebored H Piles, 16 nr	12	07-Mar-12	20-Mar-12	NB3 Prebored H Piles, 16 nr											
S1-208070	NB3 Pile Testing	12	21-Mar-12	03-Apr-12	NB3 Pile Testing											
S1-208085	NB3 Pilecap, 2 bays	18	04-Apr-12	28-Apr-12	NB3 Pilecap, 2 bays											
Noise Barrier Structural Steel & Panels																
S1-208075	NB3 Structural Steel	6	02-May-12	08-May-12	NB3 Structural Steel											
S1-208080	NB3 NB Panels	6	09-May-12*	15-May-12	NB3 NB Panels											
Noise Barrier NB10 CH444-500, after TB2 demolition																
Noise Barrier Foundation Works																
S1-00345G	Ground Investigation Works - NB10	24	09-Jun-12	09-Jul-12	Ground Investigation Works - NB10											
Northbound Work- Ret. Wall, Noise B, Rd																
RW W1+ NB1+S1, NB2 Ch200-300																
Retaining Wall W1																
S1-035016B	Ret. Wall W1(@CSD), wall stem	48	21-Apr-11 A	24-Mar-12	Ret. Wall W1(@CSD), wall stem											
NB2 Ch100-225																
Noise Barrier Foundation Works																
S1-203020	NB2 Pilecap and plinth, 14 bays	28	17-Oct-11 A	22-Mar-12	NB2 Pilecap and plinth, 14 bays											
Noise Barrier Structural Steel & Panels																
S1-207020	NB2 Structural Steel	28	24-Feb-12	27-Mar-12	NB2 Structural Steel											
S1-208020	NB2 NB Panels	28	28-Mar-12	04-May-12	NB2 NB Panels											
S1-031020	Implement Stage 3 TTA	0	05-May-12		Implement Stage 3 TTA											
Northbound Rd/ Dr, Ch 0-300, after NB3																
Road Drainage																
S1-051035	Road Drainage - pipelaying + manhole	48	08-May-12	04-Jul-12	Road Drainage - pipelaying + manhole											
TCSS Works/Other Utilities																
S1-051038	TCSS Sign Gantry G18 - footing	24	08-May-12	04-Jun-12	TCSS Sign Gantry G18 - footing											
S1-051075	Utilities & TCSS buried ducts	24	08-May-12	04-Jun-12	Utilities & TCSS buried ducts											
S1-051085	Power supply cable ducts	24	08-May-12	04-Jun-12	Power supply cable ducts											
Road Lighting/ or High Mast																
S1-051045	High Mast HM8 - install 4 nos lamp	12	08-May-12	21-May-12	High Mast HM8 - install 4 nos lamp											
S1-051055	Public Lighting - buried ducts	24	08-May-12	04-Jun-12	Public Lighting - buried ducts											
Roadworks																
S1-051095	Roadworks- subbase+ subsoil drain+gully connect	48	15-May-12	11-Jul-12	Roadworks- subbase+ subsoil drain+gully connect											
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	Slip Road B - drainage + road reconstruction											
NB2 & Slope S2, after TB1 demolition																
High Mast Lighting																
S1-031037	High Mast HM6 - footing, relocation + lamp	48	05-May-12	02-Jul-12	High Mast HM6 - footing, relocation + lamp											

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Three Months Rolling Programme

Activity ID	Activity Name	Original Duration	Start	Finish	2012	
					Q2	
Noise Barrier NB2						
S1-00345L	Ground Investigation Works - NB2	18	05-May-12	25-May-12		Ground Investigation
S1-031035	NB2 Prebored H Piles, 24 nr, L=36m	36	26-May-12	09-Jul-12		
Cut Slope S2						
S1-031025A	Cut Slope S2- excavation	12	20-Dec-10 A	02-Apr-12		Cut Slope S2- excavation
NB9, Slope F121, S5, (after TB2 demolition)						
Noise Barrier NB9						
S1-200120	NB9 Prebored H Piles, 34 nr	36	17-Dec-10 A	07-Apr-12		NB9 Prebored H Piles, 34 nr
S1-200125	NB9 Pilecap and plinth, 5 bays	36	04-Apr-12	21-May-12		NB9 Pilecap and plinth
S1-200130	NB9 Structural Steel	12	23-May-12	05-Jun-12		NB9 Struc
S1-200135	NB9 NB Panels	12	06-Jun-12	19-Jun-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						
S4-100375	South Abut. NLKR- abut wall 2nd lift	12	30-Jan-12 A	31-Mar-12		South Abut. NLKR- abut wall 2nd lift
NLKR - North Abutment						
Pile Cap, Pier and Abutments						
S4-100360	North Abut. NLKR- cantilever slab	24	21-Jan-12 A	17-Apr-12		North Abut. NLKR- cantilever slab
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	26-Mar-12		NB12 pile cap - Bay 5 to Bay 8
S4-207120	NB12 Structural Steel	20	26-Jan-12 A	07-Apr-12		NB12 Structural Steel
S4-208120	NB12 NB Panels	20	01-Feb-12 A	07-Apr-12		NB12 NB Panels
Noise Barrier NB15						
S4-203150	NB15 Pilecap and plinth, 13 bays	26	28-Jan-11 A	04-Apr-12		NB15 Pilecap and plinth, 13 bays
S4-207150	NB15 Structural Steel	26	27-Aug-11 A	04-Apr-12		NB15 Structural Steel
S4-208150	NB15 NB Panels	26	03-Sep-11 A	04-Apr-12		NB15 NB Panels
Cut Slope S6 and Slip Rd L						
S1-203065A	Cut slope S6 - excavation	12	20-Dec-10 A	29-Mar-12		Cut slope S6 - excavation
Fill Slope S7						
S4-031070A	Fill Slope S7- backfilling to RW coping level	72	07-May-10 A	07-Apr-12		Fill Slope S7- backfilling to RW coping level
S4-031070B	Fill Slope S7- backfilling to rd level	48	20-Jul-10 A	20-Apr-12		Fill Slope S7- backfilling to rd level
Ret. Wall W8 & NB18						
Noise Barrier NB18						
S4-207180	NB18 Structural Steel, CH 0 to 317, 106 bays	48	30-Jun-11 A	07-Apr-12		NB18 Structural Steel, CH 0 to 317, 106 bays
S4-208180	NB18 NB Panels, Type V8, CH 0-317, 106 bay x 3m	36	29-Jul-11 A	02-Apr-12		NB18 NB Panels, Type V8, CH 0-317, 106 bay x 3m
Retaining Wall W8- near NLKR						
S4-035082A	RW W8, (nr. NLKR) Bay 1->10, temp. work + excav	68	16-Nov-10 A	04-Apr-12		RW W8, (nr. NLKR) Bay 1->10, temp. work + excav.
S4-035082B	RW W8, (nr. NLKR) Bay 1->10, base slab	68	11-Dec-10 A	07-Apr-12		RW W8, (nr. NLKR) Bay 1->10, base slab
S4-035082C	RW W8, (nr. NLKR) Bay 1->10, wall stem	72	20-Jan-11 A	10-Apr-12		RW W8, (nr. NLKR) Bay 1->10, wall stem
Retaining Wall W8- Backfilling						
S4-035085A	RW W8, Backfill-to RW +2m level	72	22-Nov-10 A	07-Apr-12		RW W8, Backfill-to RW +2m level
S4-035085B	RW W8, Backfill-to RW coping lvl	24	16-Jun-11 A	26-Mar-12		RW W8, Backfill-to RW coping lvl
S4-035085C	RW W8, Backfill- to road level	24	21-Jul-11 A	26-Mar-12		RW W8, Backfill- to road level
S4-035085D	RW W8, Backfill- u-channel + handrails	24	08-Sep-11 A	03-Apr-12		RW W8, Backfill- u-channel + handrails
SB: CH500-1100, Road&Drain+Utilities						
Road Drainage						
S4-031140	Road Drainage - pipelaying + manhole	60	22-Aug-11 A	12-Apr-12		Road Drainage - pipelaying + manhole
Roadworks						
S4-031165	Roadworks- subbase+ subsoil drain+gully connect	48	01-Aug-11 A	30-Mar-12		Roadworks- subbase+ subsoil drain+gully connect
S4-031170	Roadworks - base course to friction course	30	08-Aug-11 A	26-Mar-12		Roadworks - base course to friction course
S4-031175	Roadworks - road marking + furnitures	18	22-Aug-11 A	23-Mar-12		Roadworks - road marking + furnitures
Stage 3: Central Median - Ret. Wall, Noise B, Rd						
Noise Barrier NB10, NB14, NB17 Foundation Works						
Noise Barrier Foundation Works						
S4-200140A	Ground Investigation - NB10, NB14 & NB17	48	16-May-12	12-Jul-12		
S4-200140B	NB10, NB14 & NB17 P. H Piles - 148nr	40	13-Jun-12	31-Jul-12		
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	20-Apr-12		NB16 - 16 bays, excavation+ temp works
S4-203160C	NB16 - 16 bays construct pile cap/plinth	70	25-Nov-11 A	06-Jun-12		NB16 - 16
S4-203160D	NB16 - 17 bays construct pile cap/plinth	70	09-Jan-12	02-Apr-12		NB16 - 17 bays construct pile cap/plinth
Noise Barrier Structural Steel & Panels						
S4-207160	NB16 Structural Steel	60	14-Feb-12	26-Apr-12		NB16 Structural Steel
S4-208160	NB16 NB Panels	62	25-Feb-12	12-May-12		NB16 NB Panels
Retaining Wall W4A & NB13 & Slip Rd M						
Slip Rd M						
S4-208135	Slip Road M reconstruction	24	28-Feb-12	26-Mar-12		Slip Road M reconstruction
NB: CH500-1100, Road&Drain+Utilities						
Road Drainage						
S4-031210	Road Drainage - pipelaying + manhole	60	16-Feb-12	30-Apr-12		Road Drainage - pipelaying + manhole
Firemain						
S4-031220	Firemain- excav, pipe install+pit/new hydrants	48	16-Feb-12	14-Apr-12		Firemain- excav, pipe install+pit/new hydrants
TCSS Works/Other Utilities						
S4-031225	Utilities+TCSS buried ducts + CPW- SC 20/S20	48	16-Feb-12	14-Apr-12		Utilities+TCSS buried ducts + CPW- SC 20/S20
S4-031230	Power supply cable ducts	36	16-Feb-12	28-Mar-12		Power supply cable ducts

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Three Months Rolling Programme

Activity ID	Activity Name	Original Duration	Start	Finish	2012	
					Q2	
Road Lighting/ or High Mast						
S4-031250	Public lighting - Lamp Pole + Lamps	24	29-Mar-12	30-Apr-12		Public lighting - Lamp Pole + Lamps
S4-031250B	Public Lighting - power supply connection & test	18	02-May-12	22-May-12		Public Lighting - power supply connection & test
Roadworks						
S4-031235	Roadworks- subbase+ subsoil drain+gully connect	48	29-Mar-12	29-May-12		Roadworks- subbase+ subsoil drain+gully connect
S4-031240	Roadworks - base course to friction course	30	16-May-12	19-Jun-12		Roadworks - base course to friction course
S4-031245	Roadworks - road marking + furnitures	18	30-May-12	19-Jun-12		Roadworks - road marking + furnitures
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		Drainage CCTV
S4-0512795	Drainage submit CCTV Report	24	19-Mar-12	18-Apr-12		Drainage submit CCTV Report
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	20-Mar-12		Parapets construction
S4-20010A	NB Type V6+C1 Struct.Steel+Pnl, 2 x114 bay x3m	60	15-Nov-11 A	20-Mar-12		NB Type V6+C1 Struct.Steel+Pnl, 2 x114 bay x3m
S4-110710B	Noise Barrier Plinth	12	23-Nov-11 A	20-Mar-12		Noise Barrier Plinth
Bridge Roadworks & Furnitures						
S4-110820	Finishes and Furnitures	24	20-Mar-12	19-Apr-12		Finishes and Furnitures
S4-110835	Civil prov. works (CPW)-Lighting Pillar Box P4	18	20-Mar-12	12-Apr-12		Civil prov. works (CPW)-Lighting Pillar Box P4
S4-110810	Movement Joints 10AMJ1 & 10AMJ2, 2 nr.	10	02-Apr-12	17-Apr-12		Movement Joints 10AMJ1 & 10AMJ2, 2 nr.
S4-110695	Cast 300mm gap after cable stressing completion	2	07-Apr-12	11-Apr-12		Cast 300mm gap after cable stressing completion
S4-110830	Bituminous Surfacing	6	13-Apr-12	19-Apr-12		Bituminous Surfacing
S4-110900	New Bridge No. 10A Completion	0		19-Apr-12		New Bridge No. 10A 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	11-Jun-12		NB21 Prebored H Piles, 150 nr, 19 bays NB21/8-26
S4-200211	NB21 Prebored H Piles, 56 nr, 7 bay x8nr, NB21/1-7	70	10-Nov-10 A	08-Jun-12		NB21 Prebored H Piles, 56 nr, 7 bay x8nr, NB21/1-7
S4-207210A	NB21 Structural Steel, 19 bays	48	21-Nov-11 A	26-Mar-12		NB21 Structural Steel, 19 bays
S4-208210A	NB21 NB Panels, 19 bays	24	21-Nov-11 A	22-Mar-12		NB21 NB Panels, 19 bays
S4-207211	NB21 Structural Steel, 7 bays	24	01-Feb-12 A	02-Apr-12		NB21 Structural Steel, 7 bays
S4-208211	NB21 NB Panels, 7 bays	11	02-Feb-12 A	27-Mar-12		NB21 NB Panels, 7 bays
Cut Slope S11						
S4-031115B	Cut Slope S11 - drainage/channels	6	21-Feb-12 A	21-Mar-12		Cut Slope S11 - drainage/channels
Fill Slope S12						
S4-031120	Fill Slope S12 (SB)	24	24-Jul-10 A	22-Mar-12		Fill Slope S12 (SB)
S4-031120A	Fill Slope S12 (SB) - backfilling	18	24-Jul-10 A	21-Mar-12		Fill Slope S12 (SB) - backfilling
S4-031120B	Fill Slope S12 (SB)- drainage/channels	6	26-Jan-12 A	21-Mar-12		Fill Slope S12 (SB)- drainage/channels
Fill Slope S13						
S4-031130B	Fill Slope S13- backfilling to rd level	48	21-Jun-11 A	24-Mar-12		Fill Slope S13- backfilling to rd level
S4-031130C	Fill Slope S13- u channels	48	18-Oct-11 A	30-Mar-12		Fill Slope S13- u channels
S4-031130D	Fill Slope S13- metal works + hand rails etc.	18	01-Feb-12 A	23-Mar-12		Fill Slope S13- metal works + hand rails etc.
Stage 1 - Slip Rd L, Ret. Wall W13A, W13B						
Retaining Wall W13A						
S4-03513AA	RW W13A, excav + base slab	36	21-Feb-11 A	20-Feb-12		RW W13A, excav + base slab
S4-03513AB	RW W13A, wall stem	36	22-Aug-11 A	20-Feb-12		RW W13A, wall stem
S4-03513A2	RW W13A, Backfill 48mL	48	01-Nov-11 A	20-Feb-12		RW W13A, Backfill 48mL
Retaining Wall W13B						
S4-03513B2	RW W13B, Backfill 48mL	42	01-Nov-11 A	20-Feb-12		RW W13B, Backfill 48mL
SB: CH1260-1600, L=410m, Road&Drain+Utilities						
Road Drainage						
S4-0507815	Road Drainage - pipelaying + manhole	60	20-Aug-11 A	07-May-12		Road Drainage - pipelaying + manhole
Stage 3: Central Median - Ret. Wall, Noise B, Rd						
Noise Barrier NB20, NB23 Foundation Works						
Noise Barrier Foundation Works						
S4-203200A	NB20 & NB23 footings, 34 bays -temp work + excav	70	23-Sep-11 A	29-May-12		NB20 & NB23 footings, 34 bays -temp work + excav
S4-000215J	Ground Investigation - NB20, NB23	42	27-Mar-12	19-May-12		Ground Investigation - NB20, NB23
S4-0512670	Implement TTA Stage 3	0		27-Mar-12		Implement TTA Stage 3
S4-200200	NB20 & NB 23 Prebored H Piles, 272 nr- summary	120	20-Apr-12	11-Sep-12		NB20 & NB 23 Prebored H Piles, 272 nr- summary
S4-200200A	NB20 & NB 23 Prebored H Piles, 136 nr	60	20-Apr-12	03-Jul-12		NB20 & NB 23 Prebored H Piles, 136 nr
S4-203200	NB20 & NB23 footings, 34 bays - summary	96	12-Jun-12	05-Oct-12		NB20 & NB23 footings, 34 bays - summary
W20A + Slope S20						
Retaining Wall W20A						
S4-000215K	Ground Investigation - W20A	24	26-Mar-12	25-Apr-12		Ground Investigation - W20A
S4-03520BA	Ret. Wall W20A temp works + excav+slab	48	26-Apr-12*	23-Jun-12		Ret. Wall W20A temp works + excav+slab
S4-03520BB	Ret. Wall W20A wall stem + backfill	48	12-May-12	09-Jul-12		Ret. Wall W20A wall stem + backfill
Stage 2: Northbound Work- Ret. Wall, Noise B, Rd						
Modification of Existing Bridge No. 10 + Noise B						
No SUB LOCATION						
S4-194880	Install noise barrier NBV3	60	26-Jan-12	04-Apr-12		Install noise barrier NBV3
S4-194860	Core Recess Fill Up	6	15-Mar-12	21-Mar-12		Core Recess Fill Up
S4-194885	Modify ex. MJ recesses and Replace MJS	10	15-Mar-12	26-Mar-12		Modify ex. MJ recesses and Replace MJS
S4-194890	Road Surfacing & Furnitures	6	27-Mar-12	02-Apr-12		Road Surfacing & Furnitures
S4-194900	Bridge No. 10 Modification Completion	0		03-Apr-12		Bridge No. 10 Modification Completion
RW W9, Slope S9, & Noise Barrier NB19, NB22						

Contract: HY/2008/09
Widening of Tolo Highway / Fanling Highway
Between Island House Interchange and Fanling
(Stage 1 - Between Island House Interchange and Ma Wo

Three Months Rolling Programme

Activity ID	Activity Name	Original Duration	Start	Finish	2012	
					Q2	
Noise Barrier NB19						
S4-203190B	NB19 footings, 21 bays - temp work + excav	70	25-Sep-11 A	19-May-12	NB19 footings, 21 bays -	
S4-203190C	NB19 footings, 21 bays - pile cap	70	07-Oct-11 A	02-Jun-12	NB19 footing	
S4-208190A	NB19 NB Panels, 21 bays	20	03-Mar-12	26-Mar-12	NB19 NB Panels, 21 bays	
NB: CH1260-1600, L=410m, Road&Drain+Utilities						
Road Lighting/ or High Mast						
S4-051266B	Public Lighting - power supply connection & test	18	05-Mar-12	24-Mar-12	Public Lighting - power supply connection & test	
Roadworks						
S4-0512650	Roadworks - base course to friction course	24	27-Feb-12	24-Mar-12	Roadworks - base course to friction course	
S4-0512655	Roadworks - road marking + furnitures	18	05-Mar-12	24-Mar-12	Roadworks - road marking + furnitures	
Utilities Diversion / Relocation Works						
HKCG						
S4-051263A	HKCG- relocation of cathodic pit, CH 1300, NB	14	31-Mar-12	19-Apr-12	HKCG- relocation of cathodic pit, CH 1300, NB	
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						
Cut Slope S16						
S2-031160	Slope S16 (SB)	30	17-Oct-11 A	26-Mar-12	Slope S16 (SB)	
Retaining Wall W21, W22, W23						
S2-035221C	RW21,W22, 23 - wall stem + backfill	72	20-Nov-10 A	23-Mar-12	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	26-Apr-12	Slope S17 (SB)	
Retaining Wall W27						
S2-035270B	Retaining Wall W27, wall stem + backfill	72	01-Dec-10 A	07-Apr-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-Mar-12	Bored Pile Ret. Wall W28, 9 x 2200dia	
S2-035281	RW W28, Capping Beam & Skin Wall	48	31-Jan-12 A	19-Apr-12	RW W28, Capping Beam & Skin Wall	
Cut Slope S14						
No SUB LOCATION						
S2-031140E	Cut Slope S14- drainage + handrails	48	02-Nov-10 A	24-Mar-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	05-May-12	RW,W31,W32,33 - wall stem + back	
Slope S15, S18, S19						
Cut Slope S15 (under Sect. 4)						
S4-031155E	Cut Slope S15 - drainage + hand rails	32	20-Jan-11 A	27-Mar-12	Cut Slope S15 - drainage + hand rails	
Fill Slope S18						
S2-031185A	Fill Slope S18- backfilling	24	19-Nov-10 A	22-Mar-12	Fill Slope S18- backfilling	
S2-031185B	Fill Slope S18- drainage	12	22-Aug-11 A	21-Mar-12	Fill Slope S18- drainage	
Cut Slope S19						
S2-031195D	Cut Slope S19- cut + soil nail, rd lvl, +56mpd	36	06-Jan-11 A	23-Mar-12	Cut Slope S19- cut + soil nail, rd lvl, +56mpd	
S2-031195E	Cut Slope S19- drainage + handrails	31	21-May-11 A	23-Mar-12	Cut Slope S19- drainage + handrails	
Stage 2A: Southbound- S17, RW 29-34, NB27-29						
Noise Barrier NB27, NB29						
Noise Barrier NB27						
S2-207270	NB27 Structural Steel	24	26-Jan-12 A	26-Mar-12	NB27 Structural Steel	
S2-208270	NB27 NB Panels	24	31-Jan-12 A	26-Mar-12	NB27 NB Panels	
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	09-Jun-12	NB26 &	
S2-208295B	NB26 & NB 28 Footings, 17 bays - footings	72	17-Oct-11 A	09-Jun-12	NB26 &	
Roadworks						
S2-208380	Roadworks - base course to friction course	24	22-Feb-12	20-Mar-12	Roadworks - base course to friction course	
S2-208385	Roadworks - road marking + furnitures	18	29-Feb-12	20-Mar-12	Roadworks - road marking + furnitures	
Noise Barrier Structural Steel & Panels						
S2-208285	NB26 & NB 28 Structural Steel	24	07-Mar-12	03-Apr-12	NB26 & NB 28 Structural Steel	
S2-208290	NB26 & NB28 NB Panels	24	20-Mar-12	19-Apr-12	NB26 & NB28 NB Panels	
S2-208395	Implement TTA- divert traffic to new SB, NB & CM	0		30-Apr-12	◆ Implement TTA- divert traffic to new SB,	
Watermain Test+Drain CCTV+Gantry+TCSS+ E&M Work						
Drainage CCTV						
No SUB LOCATION						
S2-208435	Drainage submit CCTV Report	24	07-Mar-12	03-Apr-12	Drainage submit CCTV Report	
TCSS Works						
No SUB LOCATION						
S2-208420	T&C - Lighting	24	20-Mar-12	19-Apr-12	T&C - Lighting	
S2-208450	T&C - power supply system to TCSS	24	20-Mar-12	19-Apr-12	T&C - power supply system to TCSS	
S2-208425	Handover to TCSS Contractor	0		20-Apr-12	◆ Handover to TCSS Contractor	
Z6: TCSS IN PORTION SA11: SECT. 4 WORKS						
TCSS Works						
TCSSWorks in Portion SA11						
No SUB LOCATION						
S7-100050	Civil+E&M Prov. - TCSS Hub	72	21-Feb-12	19-May-12	Civil+E&M Prov. - TCSS	
S7-100065	Civil+E&M Prov. - SC71/S71+ Pillar B. J	48	22-Feb-12	20-Apr-12	Civil+E&M Prov. - SC71/S71+ Pillar B. J	

Contract: HY/2008/09
Widening of Tolo Highway / Fanling Highway
Between Island House Interchange and Fanling
(Stage 1 - Between Island House Interchange and Ma Wo

Three Months Rolling Programme

Activity ID	Activity Name	Original Duration	Start	Finish	2012																		
					Q2																		
S2-100070	Civil+E&M Prov.- G13, modification+ Pillar B. K	24	12-Apr-12	11-May-12																			
S2-100075	Civil+E&M Prov. - G70, modification	24	03-May-12	30-May-12																			
S2-100080	Civil+E&M Prov. - S107, footing	24	22-May-12	18-Jun-12																			
S2-100085	Civil+E&M Prov. - P59, footing	24	09-Jun-12	09-Jul-12																			

Contract: HY/2008/09
Widening of Tolo Highway / Fanling Highway
Between Island House Interchange and Fanling
(Stage 1 - Between Island House Interchange and Ma Wo

Three Months Rolling Programme

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													
S21S2120	Construction of W51 Structure		100%	42	19-Apr-11 A	14-Jun-11 A	Construction of W51 Structure																																												
S21S2130	Sheet Pile & ELS Works (W52 & W53)		100%	24	28-Jul-11 A	16-Sep-11 A	Sheet Pile & ELS Works (W52 & W53)																																												
S21S2140	Construction of WW52 & W53 Structure	42	10%	42	06-Sep-11 A	10-Nov-11	Construction of WW52 & W53 Structure																																												
S21S2150	Backfilling of W51, W52 & W53	35	0%	24	19-Nov-11	17-Dec-11	Backfilling of W51, W52 & W53																																												
S21S2160	Sheet Pile & ELS Works (W54, 55 & 56)	35	0%	24	17-Dec-11	18-Jan-12	Sheet Pile & ELS Works (W54, 55 & 56)																																												
S21S2170	Construction of W54, 55 & 56 Structure	35	0%	42	18-Jan-12	10-Mar-12	Construction of W54, 55 & 56 Structure																																												
S21S2180	Backfilling of W54, 55 & 56	35	0%	50	10-Mar-12	14-May-12	Backfilling of W54, 55 & 56																																												
Retaining Wall W51A (CSD 3)																																																			
S21S2163	Excavate to cut-off level	35	50%	8	17-Jan-11 A	29-Sep-11	Excavate to cut-off level																																												
S21S2164	Capping/Walling for W51A	35	37.5%	18	12-Jul-11 A	15-Oct-11	Capping/Walling for W51A																																												
S21S2165	Backfilling	35	0%	30	15-Oct-11	19-Nov-11	Backfilling																																												
Retaining Wall W35A, (CSD 2)																																																			
S21S2210	Pre-drilling for W35A	34	0%	15	18-Feb-12	06-Mar-12	Pre-drilling for W35A																																												
S21S2218	Mini Piles for W35A	34	0%	24	07-Mar-12	03-Apr-12	Mini Piles for W35A																																												
S21S2230	Excavate to cut-off level	34	0%	30	05-Apr-12	14-May-12	Excavate to cut-off level																																												
S21S2240	Capping/Walling for W35A	34	0%	72	15-May-12	09-Aug-12	Capping/Walling for W35A																																												
S21S2250	Backfilling	34	0%	30	10-Aug-12	13-Sep-12	Backfilling																																												
Roadworks, Drainage & Utilities																																																			
S21S3900	Roadworks, Drainages & Utilities	34	0%	118	14-Sep-12	05-Feb-13	Roadworks, Drainages & Utilities																																												
S21S4001	Removal of Existing Paving	34	0%	25	14-Sep-12	15-Oct-12	Removal of Existing Paving																																												
S21S4002	Drainages	34	0%	75	14-Sep-12	13-Dec-12	Drainages																																												
S21S4003	Utilities	35	0%	75	28-Sep-12	29-Dec-12	Utilities																																												
S21S4010	Road Surface	34	0%	75	16-Oct-12	15-Jan-13	Road Surface																																												
S21S4020	Road Mark & Lane Shifting	34	0%	36	22-Dec-12	05-Feb-13	Road Mark & Lane Shifting																																												
Noise Barriers & Road Barriers																																																			
S21S3010	NB29A (CH 0-62.3) on W35A	68	0%	42	06-Feb-13	02-Apr-13	NB29A (CH 0-62.3) on W35A																																												
S21S3011	NB29A (CH 0-62.3) on W35A - Erecting H-Column	68	0%	18	06-Feb-13	01-Mar-13	NB29A (CH 0-62.3) on W35A - Erecting H-Column																																												
S21S3012	NB29A (CH 0-62.3) on W35A - Installing Panel	68	0%	24	02-Mar-13	02-Apr-13	NB29A (CH 0-62.3) on W35A - Installing Panel																																												
S21S3020	NB30 (CH 0-201.9)	88	0%	98	14-Sep-12	12-Jan-13	NB30 (CH 0-201.9)																																												
S21S3021	NB30 - Excavation and Footing	88	0%	50	14-Sep-12	14-Nov-12	NB30 - Excavation and Footing																																												
S21S3023	NB30 : Erecting H-Column	88	0%	24	15-Nov-12	12-Dec-12	NB30 : Erecting H-Column																																												
S21S3024	NB30 : Installing Panel	88	0%	24	13-Dec-12	12-Jan-13	NB30 : Installing Panel																																												
S21S3030	NB33 (CH 0-143)	74	0%	213	10-Mar-12	26-Nov-12	NB33 (CH 0-143)																																												
S21S3031	NB33 : Excavation and Footing	101	0%	60	10-Mar-12	25-May-12	NB33 : Excavation and Footing																																												
S21S3032	NB33 : Erecting H-Column	107	0%	36	25-May-12	10-Jul-12	NB33 : Erecting H-Column																																												
S21S3033	NB33 : Installing Panel	107	0%	36	10-Jul-12	21-Aug-12	NB33 : Installing Panel																																												
S21S3100	Beam Barrier	74	0%	48	28-Sep-12	26-Nov-12	Beam Barrier																																												
Footing of G60A																																																			
S21S2302	Pre-drilling for G60A	93	0%	15	21-May-12	07-Jun-12	Pre-drilling for G60A																																												
S21S2304	Piling for G60A (6mp)	93	0%	26	08-Jun-12	10-Jul-12	Piling for G60A (6mp)																																												
S21S2306	Excavate to cut-off level	93	0%	24	11-Jul-12	07-Aug-12	Excavate to cut-off level																																												
S21S2308	Capping for G60A	93	0%	24	08-Aug-12	04-Sep-12	Capping for G60A																																												
S21S2310	Backfilling	93	0%	24	05-Sep-12	04-Oct-12	Backfilling																																												
Traffic Control & Surveillance System																																																			
S21S4800	TCSS (G60A)	34	0%	75	07-Feb-13	14-May-13	TCSS (G60A)																																												
Landscaping																																																			
S21S6000	Landscaping Works	137	0%	75	05-Oct-12	04-Jan-13	Landscaping Works																																												
Middle Lane																																																			
Roadworks, Drainage & Utilities																																																			
S21M4030	Roadworks, Drainage & Utilities	35	0%	75	06-Feb-13	13-May-13	Roadworks, Drainage & Utilities																																												
S21M4040	Removal of Existing Paving	35	0%	25	06-Feb-13	09-Mar-13	Removal of Existing Paving																																												
S21M4050	Utilities	35	0%	50	06-Feb-13	12-Apr-13	Utilities																																												
S21M4060	Drainage	36	0%	50	23-Feb-13	26-Apr-13	Drainage																																												
S21M4070	Road Surface, Roadmark and Lane Shifting	35	0%	50	11-Mar-13	13-May-13	Road Surface, Roadmark and Lane Shifting																																												
Noise Barriers & Road Barriers																																																			
S21M3000	Construct Noise Barrier NB32	34	0%	60	28-Feb-13	14-May-13	Construct Noise Barrier																																												
S21M3010	Erecting H-Column	34	0%	36	28-Feb-13	15-Apr-13	Erecting H-Column																																												

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
SA250030	Overall Utility Diversion (Detail shall refer to supplementary informat...	0	32.55%	765	04-May-10 A	25-Jun-13	Overall Utility Diver																													
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 W																													
S25S5110	Slope Reinstatement Works (Pier 13AP1) : Stage 1	44	0%	36	10-Dec-12	24-Jan-13	Slope Reinstatement Works (Pier																													
S25S5120	Slope Reinstatement Works (Pier 13AP2) : Stage 2	44	0%	30	24-Jan-13	04-Mar-13	Slope Reinstatement Works (Pier																													
S25S5130	Slope Reinstatement Works (TW1) : Stage 1	44	0%	30	04-Mar-13	12-Apr-13	Slope Reinstatement Works																													
S25S5140	Slope Reinstatement Works (TW2) : Stage 2	44	0%	30	12-Apr-13	20-May-13	Slope Reinstatement W																													
Construction of Retaining Wall																																				
Retaining Wall W58B, (CSD 2)																																				
S25S2020	Site Formation		100%	25	01-Nov-10 A	30-Nov-10 A	ion																													
S25S2030	Excavate to cut-off level		100%	10	01-Nov-10 A	31-Dec-10 A	ate 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																															
SA260000	Site Area SA26 Works Period	-8	45.46%	1216	26-Feb-10 A	20-Jul-13	Site Area SA2																													
SA260010	Site Area SA26 Works Completion	-15	0%	0		20-Jul-13*	Site Area SA2																													
SA260020	Temporary Traffic Management (Detail shall refer to supplementary information)	-13	45.45%	983	26-Feb-10 A	20-Jul-13	Temporary Tra																													
SA260030	Overall Utility Diversion (Detail shall refer to supplementary informat...	-13	45.45%	983	26-Feb-10 A	20-Jul-13	Overall Utility																													
SA260040	Additional work to existing ball valves, HKCG	127	0%	51	30-Nov-12	01-Feb-13	Additional work to existing ball valves, H																													
North Bound																																				
Preliminaries																																				
S26N0000	Site Clearance/Access Rd (Tai Wo Road)		100%	150	26-Feb-10 A	28-Aug-10 A	(Tai Wo Road)																													
S26N0010	Site Clearance (Tai Wo Road)		100%	75	26-Feb-10 A	31-May-1...																														
S26N0020	Access Road (Tai Wo Road)		100%	75	01-Jun-10 A	28-Aug-10 A	ad)																													
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	39	40	41
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		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	Drairage & Backfilling	-18	10%	68	31-Aug-11 A	08-Dec-11	Drairage & 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 & Surveillance 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					
							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
S26ANS48	DN450 Trenchless Method for Fire Mains - Reinstatement	-3	0%	73	03-Oct-12	31-Dec-12	DN450 Trenchless Method for Fire Mains - Reinstatement																													
Demolition of Existing Bridge 18																																				
S26ANS20	Erect temporary support for demolition	51	0%	49	30-Jan-12	27-Mar-12	Erect temporary support for demolition																													
S26ANS30	Demolition of Existing Bridge 18	21	0%	50	07-May-12	07-Jul-12	Demolition of Existing Bridge 18																													
S26ANS40	Removal of temporary support	21	0%	22	07-Jul-12	02-Aug-12	Removal of temporary support																													
Site Area SA27																																				
PHSA2720	Possession of SA27		100%	0	26-Mar-10 A																															
SA270000	Site Area SA27 Works Period	0	46.25%	1187	26-Mar-10 A	25-Jun-13	Site Area SA27 Works Period																													
SA270010	Site Area SA27 Works Completion	0	0%	0		25-Jun-13*	Site Area SA27 Works Completion																													
SA270020	Temporary Traffic Arrangement (Detail shall refer to supplementary information)	0	46.3%	959	26-Mar-10 A	25-Jun-13	Temporary Traffic Arrangement																													
SA270030	Overall Utilities Diversion (Detail shall refer to supplementary information)	0	46.3%	959	26-Mar-10 A	25-Jun-13	Overall Utilities Diversion																													
South Bound																																				
Slopeworks																																				
S27S0000	Site Clearance/Access Rd		100%	130	27-Mar-10 A	03-Sep-10 A	Site Clearance/Access Rd																													
S27S0001	Site Clearance (Stage 1)		100%	40	27-Mar-10 A	18-May-10 A	Site Clearance (Stage 1)																													
S27S0002	Site Clearance (Stage 2)		100%	40	19-Jun-10 A	05-Aug-10 A	Site Clearance (Stage 2)																													
S27S0004	Access Rd (Stage 1)		100%	40	30-Apr-10 A	18-Jun-10 A	Access Rd (Stage 1)																													
S27S0005	Access Rd (Stage 2)		100%	40	20-Jul-10 A	03-Sep-10 A	Access Rd (Stage 2)																													
S27S5000	Slopeworks Cut(S34)	54	80%	46	28-Dec-10 A	08-Oct-11	Slopeworks Cut(S34)																													
S27S5100	Slopeworks Cut(S42), Fill(S43)	84	3.33%	75	28-Dec-10 A	21-Dec-11	Slopeworks Cut(S42), Fill(S43)																													
S27S5101	Slopeworks Cut(S42)	84	10%	60	28-Dec-10 A	14-Dec-11	Slopeworks Cut(S42)																													
S27S5102	Slopeworks Fill(S43)	84	0%	60	12-Oct-11	21-Dec-11	Slopeworks Fill(S43)																													
S27S5110	Slopeworks Cut(S37)	69	0%	0	18-Nov-10 A	10-Jan-12	Slopeworks Cut(S37)																													
S27S5111	Slopeworks Cut(S37) - Stage 1, +40mPD	69	60%	62	18-Nov-10 A	26-Oct-11	Slopeworks Cut(S37) - Stage 1, +40mPD																													
S27S5112	Slopeworks Cut(S37) - Stage 2, +33.8mPD	69	0%	62	26-Oct-11	10-Jan-12	Slopeworks Cut(S37) - Stage 2, +33.8mPD																													
S27S5120	Slopeworks Fill(S38)(Including removal of existing retaining wall)	60	0%	144	15-Oct-11	12-Apr-12	Slopeworks Fill(S38)(Including removal of existing retaining wall)																													
S27S5121	Slopeworks Fill(S38) : Removal of existing retaining wall	60	0%	36	15-Oct-11	26-Nov-11	Slopeworks Fill(S38) : Removal of existing retaining wall																													
S27S5122	Slopeworks Fill(S38) - Stage 1, +32mPD	60	0%	36	26-Nov-11	11-Jan-12	Slopeworks Fill(S38) - Stage 1, +32mPD																													
S27S5123	Slopeworks Fill(S38) - Stage 2, +34mPD	60	0%	36	11-Jan-12	25-Feb-12	Slopeworks Fill(S38) - Stage 2, +34mPD																													
S27S5124	Slopeworks Fill(S38) - Stage 3, formation level	60	0%	36	25-Feb-12	12-Apr-12	Slopeworks Fill(S38) - Stage 3, formation level																													
S27S5130	Slopeworks Cut(S39)	138	100%	138	19-Jun-10 A	23-Feb-11 A	Slopeworks Cut(S39)																													
S27S5131	Slopeworks Cut(S39) - Stage 1, +37mPD	46	100%	46	19-Jun-10 A	12-Aug-10 A	Slopeworks Cut(S39) - Stage 1, +37mPD																													
S27S5132	Slopeworks Cut(S39) - Stage 2, +35mPD	46	100%	46	13-Aug-10 A	07-Oct-10 A	Slopeworks Cut(S39) - Stage 2, +35mPD																													
S27S5133	Slopeworks Cut(S39) - Stage 3, formation level	46	100%	46	28-Dec-10 A	23-Feb-11 A	Slopeworks Cut(S39) - Stage 3, formation level																													
Construction of Retaining Wall W66/67 (CSD 2) & W71																																				
S27S1100	W66 & W67 (CSD 2)		100%	45	02-Oct-10 A	19-Mar-11 A	W66 & W67 (CSD 2)																													
S27S1101	Base Slab (W66)		100%	30	02-Oct-10 A	01-Nov-10 A	Base Slab (W66)																													
S27S1102	Wall Stem (W66)		100%	30	02-Nov-10 A	26-Dec-10 A	Wall Stem (W66)																													
S27S1103	Base Slab (W67)		100%	30	08-Nov-10 A	25-Dec-10 A	Base Slab (W67)																													
S27S1113	Wall Stem (W67)		100%	24	28-Feb-11 A	19-Mar-11 A	Wall Stem (W67)																													
S27S1115	Backfill for W66&67	-6	75%	61	27-Jun-11 A	15-Oct-11	Backfill for W66&67																													
S27S1200	Retaining Wall W71 (Bay1 - Bay5)		100%	110	02-Jun-10 A	12-Oct-10 A	Retaining Wall W71 (Bay1 - Bay5)																													
S27S1210	Retaining Wall W71 : Base Slab		100%	55	02-Jun-10 A	06-Aug-10 A	Retaining Wall W71 : Base Slab																													
S27S1220	Retaining Wall W71 : Wall Stem		100%	55	07-Aug-10 A	12-Oct-10 A	Retaining Wall W71 : Wall Stem																													
S27S1230	Backfill for W71	84	75%	50	27-Jun-11 A	12-Oct-11	Backfill for W71																													
Roadworks, Drainage & Utilities																																				
S27S4000	Roadworks, Drainages & Utilities	39	0%	171	21-Mar-12	18-Oct-12	Roadworks, Drainages & Utilities																													
S27S4004	Utilities - Stage 1 (W66 & W67)	12	0%	60	21-Mar-12	06-Jun-12	Utilities - Stage 1 (W66 & W67)																													
S27S4006	Drainages - Stage 1	12	0%	60	16-Apr-12	28-Jun-12	Drainages - Stage 1																													
S27S4010	Road Surface - Stage 1	45	0%	60	30-Apr-12	13-Jul-12	Road Surface - Stage 1																													
S27S4012	Roadmark and Lane Shifting - Stage 1	90	0%	30	13-Jul-12	17-Aug-12	Roadmark and Lane Shifting - Stage 1																													
S27S4018	Removal of existing paving - Stage 2 (Remaining)	50	0%	25	06-Jun-12	07-Jul-12	Removal of existing paving - Stage 2 (Remaining)																													
S27S4020	Utilities - Stage 2 (Remaining)	39	0%	75	06-Jun-12	04-Sep-12	Utilities - Stage 2 (Remaining)																													
S27S4030	Drainages - Stage 2	39	0%	75	28-Jun-12	25-Sep-12	Drainages - Stage 2																													
S27S4040	Road Surface, Roadmark and Lane Shifting, Stage 2	39	0%	75	20-Jul-12	18-Oct-12	Road Surface, Roadmark and Lane Shifting, Stage 2																													
Noise Barriers & Road Barriers																																				

Inclement
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
S26AS255	Bridge Deck - Pier 5 to Pier 4	41	0%	90	17-Mar-12	09-Jul-12																				Bridge Deck - Pier 5 to Pier 4								
S26AS256	Bridge Deck - Pier 6 to Pier 5	-5	0%	90	21-Jun-12	09-Oct-12																				Bridge Deck - Pier 6 to Pier 5								
S26AS257	Bridge Deck - North Abutment to Pier 6	-6	0%	90	30-Jul-12	15-Nov-12																				Bridge Deck - North Abutment to Pier 6								
S26AS258	Parapet	-6	0%	60	03-Oct-12	13-Dec-12																				Parapet								
S26AS260	Noise Barrier for Bridge 15A	-6	0%	60	17-Oct-12	29-Dec-12																				Noise Barrier for Bridge 15A								
S26AS262	Surfacing	-6	0%	60	15-Nov-12	28-Jan-13																				Surfacing								
S26AS265	Lighting	-6	0%	50	13-Dec-12	16-Feb-13																				Lighting								
S26AS280	Handover Inspection of Bridge 15A	-6	0%	3	16-Feb-13	20-Feb-13																				Handover Inspection of Bridge 15A								
Section 4																																		
Site Area SA28																																		
PHSA2820	Possession of SA28 (Day0)		100%	0	26-Feb-10 A																													
SA280000	Site Area SA28 Works Period	-21	41.74%	1216	26-Feb-10 A	03-Sep-13	Site Area																											
SA280010	Site Area SA28 Works Completion	-21	0%	0		03-Sep-13*	Site Area																											
SA280030	Temporary Traffic Arrangement (Detail shall refer to supplementary information)	-18	41.56%	983	26-Feb-10 A	03-Sep-13	Tempo																											
SA280040	Overall Utilities Diversion (Detail shall refer to supplementary information)	-18	41.56%	983	26-Feb-10 A	03-Sep-13	Overall																											
North Bound																																		
Preliminaries																																		
S28N0000	Site Clearance/Access Rd		100%	239	26-Feb-10 A	19-Feb-11 A	Site Clearance/Access Rd																											
S28N0010	Site Clearance (ch 4830-5250)		100%	75	26-Feb-10 A	05-Jun-10 A																												
S28N0020	Site Clearance (ch 5250-5700)		100%	75	17-Apr-10 A	23-Jul-10 A																												
S28N0110	Access Rd (ch 4830-5250)		100%	75	30-Jun-10 A	04-Oct-10 A	ch 4830-5250																											
S28N0120	Access Rd (ch 5250-5700)		100%	75	09-Sep-10 A	19-Feb-11 A	Access Rd (ch 5250-5700)																											
Slopeworks																																		
S28N5000	Slopeworks Fill S44	-18	0%	36	08-Dec-11	26-Jan-12																				Slopeworks Fill S44								
S28N5010	Slopeworks Fill S45	9	0%	40	05-Sep-12	24-Oct-12																				Slopeworks Fill S45								
Construction of Retaining Wall																																		
Retaining Wall W72B (CSD 1)																																		
S28N2010	Prepare Piling Platform for W72B		100%	13	14-Sep-10 A	29-Sep-10 A	Platform for W72B																											
S28N2020	Pre-drilling for W72B		100%	13	14-Sep-10 A	29-Sep-10 A																												
S28N2040	Piling works		100%	24	01-Mar-11 A	21-Mar-11 A	Piling works																											
S28N2050	Capping/Walling for W72B		100%	50	26-May-11 A	25-Jul-11 A	Capping/Walling for W72B																											
S28N2051	Pile Cap for W72B		100%	30	26-May-11 A	09-Jun-11 A	Pile Cap for W72B																											
S28N2052	Walling for W72B		100%	75	21-Jun-11 A	17-Sep-11 A	Walling for W72B																											
S28N2060	Backfilling	-18	10%	68	10-Sep-11 A	08-Dec-11																				Backfilling								
Retaining Wall W73 (CSD 1)																																		
S28N2071	Excavation & ELS		100%	24	14-Sep-10 A	13-Oct-10 A																												
S28N2072	W73 wall Structure (7 bays)		100%	45	01-Mar-11 A	20-Apr-11 A	W73 wall Structure (7 bays)																											
S28N2073	Base Slab W73		100%	24	01-Mar-11 A	28-Mar-11 A	Base Slab W73																											
S28N2074	Wall Stem & W73		100%	24	25-Mar-11 A	20-Apr-11 A	Wall Stem & W73																											
S28N2080	Backfill	-2	40%	75	09-Jul-11 A	18-Nov-11																				Backfill								
Retaining Wall for Accom. Underpass Extn. (CSD 1)																																		
S28N230	Pre-drilling for Accommodation Underpass Extension		100%	30	30-Jun-10 A	04-Aug-10 A	Platform Underpass Extension																											
S28N240	Prepare Piling Platform for Accom.Underpass Extn		100%	30	30-Jun-10 A	04-Aug-10 A	Platform Underpass Extn																											
S28N250	Piling works		100%	45	01-Mar-11 A	25-Mar-11 A	Piling works																											
S28N260	Capping/Walling		100%	54	26-Mar-11 A	03-Jun-11 A	Capping/Walling																											
S28N270	Capping (AUE)		100%	45	26-Mar-11 A	25-May-1...	Capping (AUE)																											
S28N280	Walling (AUE)		100%	55	26-May-11 A	30-Jul-11 A	Walling (AUE)																											
S28N290	Backfilling	-18	0%	62	26-Sep-11	08-Dec-11																				Backfilling								
Retaining Wall W74																																		
S28N2105	Liasion with location resident for slip road diversion		100%	75	26-Feb-10 A	05-Jun-10 A	Road diversion																											
S28N2115	Utilities Diversion		100%	60	07-Jun-10 A	17-Aug-10 A																												
S28N2120	Temporary road and pedestrian diversion		100%	60	18-Aug-10 A	29-Oct-10 A	Road and pedestrian diversion																											
S28N2125	Pre-drilling for Piles		100%	15	21-Oct-10 A	19-Nov-10 A	Piling																											
S28N2130	Confirmation of Founding Level		100%	19	26-Mar-11 A	18-Apr-11 A	Confirmation of Founding Level																											
S28N2135	Piling work for W74	7	0%	73	05-Dec-11	05-Mar-12																				Piling work for W74								

Inclement 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		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				
S28N2140	Temporary Work for Excavation	7	0%	20	06-Mar-12	28-Mar-12													Temporary Work for Excavation																							
S28N2145	Excavation and Tie Back to Formation Level	7	0%	18	29-Mar-12	23-Apr-12													Excavation and Tie Back to Formation Level																							
S28N2150	Pile Head Trimming and bearing plate	7	0%	14	24-Apr-12	10-May-12													Pile Head Trimming and bearing plate																							
S28N2155	Retaining Wall Construction (10 bays)	7	0%	137	14-May-12	26-Oct-12													Retaining Wall Construction (10 bays)																							
S28N2156	Base Slab (W74) (Bay 1-5)	7	0%	32	14-May-12	20-Jun-12													Base Slab (W74) (Bay 1-5)																							
S28N2157	Base Slab (W74) (Bay 6-10)	7	0%	32	21-Jun-12	30-Jul-12													Base Slab (W74) (Bay 6-10)																							
S28N2158	Wall Stem (W74) (Bay 1-5)	39	0%	31	21-Jun-12	28-Jul-12													Wall Stem (W74) (Bay 1-5)																							
S28N2159	Wall Stem (W74) (Bay 6-10)	7	0%	31	31-Jul-12	04-Sep-12													Wall Stem (W74) (Bay 6-10)																							
S28N2160	Backfilling	7	0%	42	05-Sep-12	26-Oct-12													Backfilling																							
Noise Barrier NB38, 39& 41(AD5)																																										
S28N2301	WSD/DSD/HKCG/PCCW/HGC/CATV/NWT/HKBN/TGT/CLP Divers...		100%	124	19-May-10 A	15-Oct-10 A	PCCW/HGC/CATV/NWT/HKBN/TGT/CLP Diversion																																			
S28N2302	Temporary Noise Barrier Installation		100%	45	18-Oct-10 A	26-Dec-10 A	Temporary Noise Barrier Installation																																			
S28N2303	Pre-Drilling for NB39 & NB41		100%	21	26-Jan-11 A	22-Feb-11 A	Pre-Drilling for NB39 & NB41																																			
S28N2304	Confirmation of Founding Level		100%	14	26-Mar-11 A	12-Apr-11 A	Confirmation of Founding Level																																			
S28N2310	Excavation		100%	10	25-Aug-11 A	05-Sep-11 A	Excavation																																			
S28N2314	Noise barrier Construction	40	0%	105	26-Apr-11 A	08-Oct-12	Noise barrier Construction																																			
S28N2316	Noise barrier Construction NB39	11	0%	36	26-Oct-11	06-Dec-11	Noise barrier Construction NB39																																			
S28N2318	Noise barrier Construction NB38	40	0%	24	08-Sep-12	08-Oct-12	Noise barrier Construction NB38																																			
S28N2320	Noise barrier Construction NB41		100%	50	26-Apr-11 A	25-Jun-11 A	Noise barrier Construction NB41																																			
Noise Barrier NB43 (AD5)																																										
S28N2500	Utilities Diversion		100%	127	01-Jun-10 A	10-Feb-11 A	Utilities Diversion																																			
S28N2510	Temporary Noise Barrier Installation		100%	46	16-Nov-10 A	26-Dec-10 A	Temporary Noise Barrier Installation																																			
S28N2520	Noise Barrier Construction (Steel & Panel included) of NB43	292	0%	72	26-Sep-11	20-Dec-11	Noise Barrier Construction (Steel & Panel included) of NB43																																			
Roadworks, Drainage & Utilities																																										
S28N3980	TTA Stage 2	8	0%	0	20-Feb-13		TTA Stage 2																																			
S28N4000	Stage 1, Slip Road T	7	0%	75	17-Nov-12	19-Feb-13	Stage 1, Slip Road T																																			
S28N4002	Roadworks, Drainages & Utilities (Stage 2), at grade	7	0%	75	27-Oct-12	25-Jan-13	Roadworks, Drainages & Utilities (Stage 2), at grade																																			
S28N4004	Removal of existing paving (incl. TWSRW & Slip Rd T)	50	0%	50	27-Oct-12	24-Dec-12	Removal of existing paving (incl. TWSRW & Slip Rd T)																																			
S28N4006	Realignment of Tai Wo Service Road West	7	0%	75	27-Oct-12	25-Jan-13	Realignment of Tai Wo Service Road West																																			
S28N4010	Roadworks to NKL Flyover and Ramps	-18	0%	184	18-Jan-13	03-Sep-13	Roadworks to NKL Flyover and Ramps																																			
S28N4012	Roadworks to NKL Flyover and Ramp - Stage 1 (South)	-18	0%	50	18-Jan-13	21-Mar-13	Roadworks to NKL Flyover and Ramp - Stage 1 (South)																																			
S28N4014	Roadworks to NKL Flyover and Ramp - Stage 2 (North)	-18	0%	50	21-Mar-13	25-May-13	Roadworks to NKL Flyover and Ramp - Stage 2 (North)																																			
S28N4020	Road Marking of New Lam Kam Bridge and Final Diversion of South Bound Traffic from NLK Bridge to Modified Lam Kam Bridge	-18	0%	31	29-Jul-13	03-Sep-13	Road Marking of New Lam Kam Bridge and Final Diversion of South Bound Traffic from NLK Bridge to Modified Lam Kam Bridge																																			
S28N4030	300d & 1200d watermain (chA9.00-ch182.00)	102	0%	362	06-Aug-10 A	28-Feb-13	300d & 1200d watermain (chA9.00-ch182.00)																																			
S28N4040	Cable Detection and Trial Pit Excavation		100%	72	06-Aug-10 A	19-Sep-10 A	Cable Detection and Trial Pit Excavation																																			
S28N4050	Sheet Pile & ELS		100%	72	20-Sep-10 A	15-Feb-11 A	Sheet Pile & ELS																																			
S28N4060	TBM Boring and Installation of Sleeve Pipe		100%	60	16-Feb-11 A	23-Mar-11 A	TBM Boring and Installation of Sleeve Pipe																																			
S28N4070	Water Pipe installation - inside the sleeve pipe (ch0.00-ch70.00)		100%	50	24-Mar-11 A	28-Jul-11 A	Water Pipe installation - inside the sleeve pipe (ch0.00-ch70.00)																																			
S28N4080	Water Pipe installation (DN1200 chA9.00-0 & DN300 CHA7.3 - 0)	102	0%	62	14-Nov-11	31-Jan-12	Water Pipe installation (DN1200 chA9.00-0 & DN300 CHA7.3 - 0)																																			
S28N4090	Water Pipe installation (DN1200 CH70-165 & CH210-530 approx)	102	0%	102	26-Sep-11	31-Jan-12	Water Pipe installation (DN1200 CH70-165 & CH210-530 approx)																																			
S28N4200	Water Pipe installation (DN1200 CH165 -210 cross road)	102	0%	148	01-Feb-12	31-Jul-12	Water Pipe installation (DN1200 CH165 -210 cross road)																																			
S28N4210	Water Pipe installation (DN1200 CH530 - 762 (Excision))	102	0%	121	03-Oct-12	28-Feb-13	Water Pipe installation (DN1200 CH530 - 762 (Excision))																																			
S28N4220	Water Pipe installation (DN300 CH70 -166)	102	0%	100	14-Nov-11	15-Mar-12	Water Pipe installation (DN300 CH70 -166)																																			
S28N4230	Water Pipe installation (DN300 CH166 -247)	102	0%	148	01-Feb-12	31-Jul-12	Water Pipe installation (DN300 CH166 -247)																																			
S28N4240	Water Pipe installation (DN300 CHBB5 -49)	116	0%	96	16-Mar-12	14-Jul-12	Water Pipe installation (DN300 CHBB5 -49)																																			
S28N4250	Water Pipe installation (DN600 CHB0-84 & CHC0-76 Cross Road)	127	0%	147	14-Nov-11	15-May-12	Water Pipe installation (DN600 CHB0-84 & CHC0-76 Cross Road)																																			
Noise Barriers & Road Barriers																																										
S28N3000	Construct Noise Barrier & Beam Barrier	81	0%	284	21-Dec-11	05-Dec-12	Construct Noise Barrier & Beam Barrier																																			
S28N3002	Noise Barrier: Foundation Works, NB40	292	0%	24	21-Dec-11	20-Jan-12	Noise Barrier: Foundation Works, NB40																																			
S28N3010	Construct Noise Barrier(steel & panel), NB38, 39, 40, 41 & 43	81	0%	24	09-Oct-12	06-Nov-12	Construct Noise Barrier(steel & panel), NB38, 39, 40, 41 & 43																																			
S28N3020	Construct Beam Barrier	81	0%	25	07-Nov-12	05-Dec-12	Construct Beam Barrier																																			
Traffic Control & Survelance System																																										
S28N4800	TCSS (ch4820-ch5640)	22	0%	182	03-Dec-12	18-Jul-13	TCSS (ch4820-ch5640)																																			
S28N4810	TCSS - Stage 1 (ch4820-ch4980)	24	0%	60	03-Dec-12	16-Feb-13	TCSS - Stage 1 (ch4820-ch4980)																																			
S28N4820	TCSS - Stage 2 (ch4980-ch5150)	24	0%	60	18-Feb-13	03-May-13	TCSS - Stage 2 (ch4980-ch5150)																																			
S28N4830	TCSS - Stage 3 (ch5150-ch5310)	24	0%	60	04-May-13	16-Jul-13	TCSS - Stage 3 (ch5150-ch5310)																																			
S28N4840	TCSS - Stage 4 (ch5310-ch5520), G29	22	0%	60	20-Feb-13	06-May-13	TCSS - Stage 4 (ch5310-ch5520), G29																																			
S28N4850	TCSS - Stage 5 (ch5520-ch5640)	22	0%	60	07-May-13	18-Jul-13	TCSS - Stage 5 (ch5520-ch5640)																																			

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
SA290010	Site Area SA29 Works Completion	0	0%	0		25-Jun-13*																														
SA290020	Temporary Traffic Arrangement (Detail shall refer to supplementary information)	0	32.59%	764	27-Jul-10 A	25-Jun-13																														
SA290030	Overall Utilities Diversion (Detail shall refer to supplementary information)	0	32.59%	764	27-Jul-10 A	25-Jun-13																														
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 Wo Service Rd. West (8 sections)																													
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 (ch5400-5430)																													
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 (ch5430-5460)																													
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 - Section 5 (ch5460-5490)																													
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. West - Section 6 (ch5490-5520)																													
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 Service Rd. West - Section 7 (ch5520-5550)																													
S29N4030	Realignment of Tai Wo Service Rd. West - Section 8 (ch5550-5580)	11	0%	48	10-Apr-13	06-Jun-13	Realignment of Tai Wo Service Rd. West - Section 8 (ch5550-5580)																													
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 Works Completion																													
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												
							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
Section 5																															
Site Area SA31																															
PHSA3120	Possession of SA31 (Day0)		100%	0	26-Feb-10 A																										
SA310000	Site Area SA31 Works Period	0	63.69%	884	26-Feb-10 A	11-Aug-12	Site Area SA31 Works Period																								
SA310010	Site Area SA31 Works Completion	0	0%	0		11-Aug-12*	Site Area SA31 Works Completion																								
South Bound																															
Preliminaries																															
S31S0000	Site Clearance/TTM/Access Rd/Utility Diversion (Incl. Liason and Coordination)		100%	252	26-Feb-10 A	31-Dec-10 A	Site Clearance/TTM/Access Rd/Utility Diversion (Incl. Liason and Coordination)																								
Roadworks, Drainage & Utilities																															
S31S4020	Realignment of Roads		100%	150	26-Feb-11 A	30-Aug-11 A	Realignment of Roads																								
S31S4030	Realignment of Bicycle Track	30	60%	75	26-Feb-11 A	01-Nov-11	Realignment of Bicycle Track																								
S31S4040	Slip Road W	30	0%	50	02-Nov-11	31-Dec-11	Slip Road W																								
S31S4050	Realignment of Hong Lok Yuen Road	30	0%	50	03-Jan-12	03-Mar-12	Realignment of Hong Lok Yuen Road																								
Landscaping																															
S31S6000	Landscaping Works	30	0%	100	05-Mar-12	07-Jul-12	Landscaping Works																								
S31S6020	Landscaping Works (bicycle track)	30	0%	50	05-Mar-12	07-May-12	Landscaping Works (bicycle track)																								
S31S6040	Landscaping Works (Hong Lok Yuen Road)	30	0%	50	08-May-12	07-Jul-12	Landscaping Works (Hong Lok Yuen Road)																								
Section 7																															
Site Area SA41																															
PHSA4110	Possession of SA41 (Day0)		100%	0	26-Feb-10 A																										
SA410000	Site Area SA41 Works Period	0	36.5%	1581	26-Feb-10 A	25-Jun-14	Site Area SA41 Works Period																								
SA410010	Site Area SA41 Works Completion	0	0%	0		25-Jun-14*																									
Temporary Site Office																															
S41G0000	Site Clearance / TTM		100%	60	26-Feb-10 A	12-May-1...																									
S41G9000	Construction of ER & Contractor's Office		100%	60	26-Feb-10 A	12-May-1...																									
S41G9100	Temp Warehouse, Fabrication & Equip Yard	0	35.31%	1419	13-May-10 A	31-Mar-14	Temp Warehouse, Fabrication & Equip Yard																								
S41G9120	Dismantle of ER & Contractor's Office	0	0%	68	01-Apr-14	25-Jun-14	Dismantle of ER & Contractor's Office																								
Site Area SA42 (Core Storage & Works Area)																															
PHSA4210	Possession of SA42 (Day0)		100%	0	26-Feb-10 A																										
SA410040	Site Area SA42 Works Period	0	36.5%	1581	26-Feb-10 A	25-Jun-14	Site Area SA42 Works Period																								
SA420010	Site Area SA42 Works Completion	0	0%	0		25-Jun-14*																									
Site Area SA43																															
PHSA4310	Possession of SA43 (Day90)		100%	0	04-May-10 A																										
SA410020	Site Area SA43 Works Period	0	32.71%	1492	04-May-10 A	25-Jun-14	Site Area SA43 Works Period																								
SA410030	Site Area SA43 Works Completion	0	0%	0		25-Jun-14*																									
Mulching Production Area																															

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 & Noise Barrier (MCNB5638 to 5881)																																												
S30N3110	Construct Beam Barrier & Noise Barrier (MCNB5638 to 5760)	5	0%	30	08-Apr-13	13-May-13	Construct Beam Barrier & Noise Barrier (MCNB5638 to 5760)																																												
S30N3120	Construct Beam Barrier & Noise Barrier (MCNB5760 to 5881)	5	0%	30	14-May-13	19-Jun-13	Construct Beam Barrier & Noise Barrier (MCNB5760 to 5881)																																												
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																																																			

