

Activity ID	Activity Name	Original Duration	Start	Finish	2011																		2012		
					September			October			November				December				January						
					18	25	02	09	16	23	30	06	13	20	27	04	11	18	25	01	08	15			
PRELIMINARES & GENERAL REQUIREMENTS, PROCUREMENT																									
Procurement																									
Contractor's Designs																									
No SUB LOCATION																									
CD-110020	NB Design Comments & Approval	90	20-Dec-10 A	29-Oct-11																					
Procurments, Fabrications & Deliveries																									
No SUB LOCATION																									
01-1100025	Bearing - Order / Fabrication / Delivery	90	11-Apr-10 A	19-Oct-1...																					
REMAINDER OF SOFT LANDSCAPE: SECT. 6 WORKS																									
Landscaping Works																									
No LOCATION																									
No SUB LOCATION																									
S6-212800	Remainder Irrigation+ Landscape Soft Works	423	25-Dec-11*	20-Feb-13																					
Z1: CH 0 to CH 500: SECT. 1 WORKS																									
Banyan & Banyan West Bridge Construction																									
Demolition of Temporary Steel Bridge TB1																									
No SUB LOCATION																									
S1-197110	TTA Divert traffic to New Banyan Bridge	0	21-Dec-11																						
S1-197120	TTA Divert NB traffic to single S lane	0	21-Dec-11																						
S1-197130	Remove Temp. NB side structures	6	21-Dec-11	29-Dec-11																					
S1-197140	Remove Temp. NB side ftg & Reinstate	12	21-Dec-11	06-Jan-12																					
S1-197210	TTA Divert SB traffic to single N lane	0	07-Jan-12																						
S1-197220	Remove Temp. SB side structures	6	07-Jan-12	13-Jan-12																					
S1-197230	Remove Temp. SB side ftg & Reinstate	12	07-Jan-12	20-Jan-12																					
New Banyan Bridge																									
Foundation Works																									
S1-080060	Demolish exiting pile caps	34	21-Dec-10 A	27-Oct-11																					
Pile Cap, Pier and Abutments																									
S1-080430	Abutment North NBNA Abutment	46	24-May-11 A	02-Nov-11																					
S1-080410	Abutment South NBAS Abutment	46	09-Jun-11 A	28-Oct-11																					
Bridge Deck																									
S1-080710	Parapets, 2 x 14 bays x 6mL	42	24-Oct-11	10-Dec-11																					
S1-080720	Planter Trough, 2 x 14 bays x 6mL	36	07-Nov-11	17-Dec-11																					
S1-080820	Finishes and Furnitures	30	17-Nov-11	21-Dec-11																					
S1-080630	Prestressing Tendons, S1 to S18, 18 nr.	6	12-Dec-11	17-Dec-11																					
S1-080810	Movement Joints NBB1 to NBB4, 4 nr.	6	12-Dec-11	17-Dec-11																					
S1-080850	Bituminous Surfacing	4	14-Dec-11	17-Dec-11																					
S1-080860	Painting Bridge (with TTA and night works)	2	19-Dec-11	20-Dec-11																					
S1-080900	New Banyan Bridge Completion	0		20-Dec-11																					
New Banyan Bridge West																									
Foundation Works																									
S1-090100	Demolish exiting pile caps	40	12-Apr-11 A	14-Nov-11																					
Pile Cap, Pier and Abutments																									
S1-090410	Abutment South NBWAS Abutment	48	21-Aug-11 A	31-Oct-11																					
S1-090430	Abutment North NBWNA Abutment	48	23-Aug-11 A	31-Oct-11																					
Bridge Deck																									
S1-090610	Abut South NBWSA to Pier NBWP Decking, 27.46m	60	26-Oct-11	06-Jan-12																					
S1-090620	Pier NBWP to Abut North NBWNA Decking, 25.64m	60	12-Nov-11	27-Jan-12																					
S1-090590	Bridge Bearings NBWMJ1 & NBWMJ2, 2 nr.	0	23-Nov-11	23-Nov-11																					
Noise Barrier at Kwong Fuk West																									
Noise Barrier at Kwong Fuk West Viaduct																									
Noise Barrier Foundation Works																									
S1-000345A	Ground Investigation Works	48	16-Nov-09 A	31-Oct-11																					
S1-180310A	Prebored H Piles, 39 nr.	70	08-Nov-10 A	21-Dec-11																					
S1-180410	NB KFW Pile Cap. 14 Nr.	64	22-Oct-11	07-Jan-12																					
S1-180510	Piers, 14 Nr.	64	10-Nov-11	30-Jan-12																					
Noise Barrier NB1A																									
S1-180305	NB1A Prebored H Piles, 10nr	18	29-Sep-11	21-Oct-11																					
Southbound Work- Ret. Wall, Noise B, Rd																									
RW W3, NB6, and Slope S4																									
High Mast Lighting																									
S1-203068	Install/delete lamps at high mast HM2 & HM3	18	10-Oct-11	29-Oct-11																					
Cut Slope S4																									
S1-031060A	Cut Slope S4 - excavation	44	26-Feb-11 A	08-Dec-11																					
S1-031060B	Cut Slope S4 - drainage/ u channels	6	28-Nov-11	03-Dec-11																					
RW W2, NB7 , Slope S3, Slip Rd C																									
Noise Barrier NB7																									
S1-035035	NB7 Structural steel	20	09-Nov-11*	01-Dec-11																					
S1-035040	NB7 Panels	20	02-Dec-11	27-Dec-11																					
Cut Slope S3																									
S1-031030A	Cut Slope S3- excavation	14	20-Dec-10 A	24-Oct-11																					
S1-031030B	Cut Slope S3- u channels	6	06-Jan-12	12-Jan-12																					
SB Road & Drain, Ch 0-300, after NB3																									
Road Drainage																									
S1-051165	Road Drainage - pipelayinng + manhole, L=100m	48	27-Dec-11*	24-Feb-12																					

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		Widening of Tolo Highway / Fanling Highway	Three Months Rolling Programme ☐
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					September		October				November				December				January						
					18	25	02	09	16	23	30	06	13	20	27	04	11	18	25	01	08	15			
TCSS Works/Other Utilities																									
S1-035055	TCSS S167 - footing	18	03-Oct-11	24-Oct-11																					
S1-051175	Sign Gantry - footing	24	27-Dec-11	27-Jan-12																					
Roadworks																									
S1-051200	Roadworks- subbase+ subsoil drain+gully connect	48	11-Jan-12	09-Mar-12																					
NB6 and Slope S4A, after TB1 demolition																									
Cut Slope S4A																									
S1-208140A	Cut Slope S4A - excavation	8	18-Dec-10 A	17-Nov-11																					
NB11, Slope S4B & F124, after TB2 dem.																									
Cut Slope S4B, S4C																									
S1-031040A	Cut Slope S4B, S4C - excavation	24	16-Dec-10 A	14-Nov-11																					
Northbound Work- Ret. Wall, Noise B, Rd																									
RW W1+ NB1+S1, NB2 Ch200-300																									
Noise Barrier NB1																									
S1-207010	NB1 Structural Steel	28	18-Nov-11	20-Dec-11																					
S1-208010	NB1 NB Panels	28	21-Dec-11	28-Jan-12																					
Cut Slope S1																									
S1-031015A	Fill Slope S1- backfilling	54	06-Sep-11	10-Nov-11																					
S1-031015B	Fill Slope S1- drainage	18	28-Oct-11	17-Nov-11																					
Retaining Wall W1																									
S1-035016B	Ret. Wall W1(@CSD), wall stem	48	21-Apr-11 A	25-Oct-11																					
NB2 Ch100-225																									
Noise Barrier Foundation Works																									
S1-200020A	Prebored H Piles, 56 nr.	52	22-Aug-11*	24-Oct-11																					
S1-200020B	Prebored H Piles, 56 nr.	52	25-Oct-11	24-Dec-11																					
S1-200020C	Prebored H Piles, 112 pile head trimmings	24	06-Dec-11	05-Jan-12																					
S1-201020	NB2 Pile Testing	25	06-Jan-12	07-Feb-12																					
Northbound Rd/ Dr, Ch 0-300, after NB3																									
Road Lighting/ or High Mast																									
S1-051050	High Mast HM7 - footing, relocation + lamp	48	04-Aug-11 A	29-Sep-11																					
NB2 & Slope S2, after TB1 demolition																									
Cut Slope S2																									
S1-031025A	Cut Slope S2- excavation	12	20-Dec-10 A	01-Nov-11																					
NB9, Slope F121, S5, (after TB2 demolition)																									
Noise Barrier NB9																									
S1-200120	NB9 Prebored H Piles, 34 nr	36	17-Dec-10 A	07-Nov-11																					
Z2: CH 500 to CH 1100: SECT. 4 WORKS																									
Stage 1: Southbound Work- Ret. Wall, Noise B, Rd																									
NLKRB - Bridge Deck + Noise Barrier																									
Bridge Deck																									
S4-100645	Precast beam 2nd stage stress	12	21-Oct-11	03-Nov-11																					
S4-100650	Cast in situ diaphragm	4	04-Nov-11	08-Nov-11																					
S4-100655	Construct retaining wall beside S. abut.	15	09-Nov-11	25-Nov-11																					
S4-100710	Parapets, 2 x 8 bays x 6mL (midnight works)	12	09-Nov-11	22-Nov-11																					
S4-200RBN	NB SB V8 Structural Steel & Panels (night works)	10	11-Nov-11	22-Nov-11																					
S4-100810	Movement Joints. 2 nr	3	23-Nov-11	25-Nov-11																					
S4-100830	Bituminous Surfacing	4	26-Nov-11	30-Nov-11																					
S4-100820	Finishes and Furnitures	4	01-Dec-11	05-Dec-11																					
S4-100900	New Lam Kam Railway Bridge Completion	0		06-Dec-11																					
NLKRB - South Abutment																									
Pile Cap, Pier and Abutments																									
S4-100315	South Abut. NLKR- base slab	33	08-Sep-11 A	19-Oct-11																					
NLKRB - North Abutment																									
Pile Cap, Pier and Abutments																									
S4-100355	North Abut. NLKR- abut wall 2nd lift	12	08-Sep-11 A	12-Oct-11																					
S4-100360	North Abut. NLKR- cantilever slab	24	06-Oct-11	02-Nov-11																					
RW W4-W7+Slope S7+NB15, NB12+Slip Rd L																									
Noise Barrier NB15																									
S4-203150	NB15 Pilecap and plinth, 13 bays	26	28-Jan-11 A	02-Nov-11																					
Cut Slope S6 and Slip Rd L																									
S1-203065A	Cut slope S6 - excavation	12	20-Dec-10 A	29-Oct-11																					
Fill Slope S7																									
S4-031070A	Fill Slope S7- backfilling to RW coping level	72	07-May-10 A	09-Nov-11																					
S4-031070B	Fill Slope S7- backfilling to rd level	48	20-Jul-10 A	21-Nov-11																					
S4-031070C	Fill Slope S7- u channels	24	03-Oct-11	31-Oct-11																					
S4-031070D	Fill Slope S7- metal works + hand rails etc.	18	18-Oct-11	07-Nov-11																					
Ret. Wall W8 & NB18																									
Retaining Wall W8- near NLKRB																									
S4-035082A	RW W8, (nr. NLKRB) Bay 1->10, temp. work + excav	68	16-Nov-10 A	04-Nov-11																					
S4-035082B	RW W8, (nr. NLKRB) Bay 1->10, base slab	68	11-Dec-10 A	04-Nov-11																					
S4-035082C	RW W8, (nr. NLKRB) Bay 1->10, wall stem	72	20-Jan-11 A	03-Nov-11																					
Retaining Wall W8- Backfilling																									
S4-035085A	RW W8, Backfill-to RW +2m level	72	22-Nov-10 A	05-Nov-11																					
S4-035085B	RW W8, Backfill-to RW coping lvl	24	16-Jun-11 A	26-Oct-11																					
S4-035085C	RW W8, Backfill- to road level	24	21-Jul-11 A	26-Oct-11																					
S4-035085D	RW W8, Backfill- u-channel + handrails	24	08-Sep-11 A	02-Nov-11																					

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					18	25	02	09	16	23	30	06	13	20	27	04	11	18	25	01	08	15			
SB: CH500-1100, Road&Drain+Utilities																									
Road Drainage																									
S4-031140	Road Drainage - pipelayinng + manhole	60	22-Aug-11 A	09-Nov-11																					
Roadworks																									
S4-031165	Roadworks- subbase+ subsoil drain+gully connect	48	01-Aug-11 A	01-Nov-11																					
S4-031170	Roadworks - base course to friction course	30	08-Aug-11 A	27-Oct-11																					
S4-031175	Roadworks - road marking + furnitures	18	22-Aug-11 A	25-Oct-11																					
Stage 2: Northbound Work- Ret. Wall, Noise B, Rd																									
Mod. Existing Lam Kam Railway Br. +Noise B.																									
No SUB LOCATION																									
S4-193830	Stitching Slab Works	18	28-Sep-11	20-Oct-11																					
S4-193840	Concrete Barriers (midnight works)	6	21-Oct-11	27-Oct-11																					
S4-193860	Raise existing kerb to match new surfacing	8	21-Oct-11	29-Oct-11																					
S4-193850	Noise Barrier Type V3 (midnight works)	6	28-Oct-11	03-Nov-11																					
S4-193870	Replace ex. MJs at South & North Abutments	4	31-Oct-11	03-Nov-11																					
S4-193880	Road Surfacing & Furnitures	6	04-Nov-11	10-Nov-11																					
S4-193890	Lam Kam Railway Bridge Modification Completion	0		11-Nov-11																					
Noise Barrier NB13, NB16																									
Noise Barrier Foundation Works																									
S4-200160	NB16 Prebored H Piles, 262 nr	65	20-Aug-11	07-Nov-11																					
S4-203160A	NB16 - 16 bays, excavation+ temp works	35	15-Oct-11	24-Nov-11																					
S4-201160	NB16 Pile Testing	25	08-Nov-11	06-Dec-11																					
S4-203160B	NB16 - 17 bays, excavation+ temp works	35	25-Nov-11	07-Jan-12																					
S4-203160C	NB16 - 16 bays construct pile cap/plinth	70	25-Nov-11	21-Feb-12																					
S4-203160D	NB16 - 17 bays construct pile cap/plinth	70	09-Jan-12	02-Apr-12																					
Retaining Wall W4A & NB13 & Slip Rd M																									
Noise Barrier NB13																									
S4-207130	NB13 Structural Steel	28	09-Jan-12	13-Feb-12																					
Retaining Wall W4A																									
S4-03504A	RW W4A, Pre Bored H-Pile 8 bay x10 nr x 17-22mL	60	20-Oct-11	31-Dec-11																					
S4-03504AA	RW W4A, excav + base slab	46	20-Oct-11	12-Dec-11																					
S4-03504A2	RW W4A, Backfill 97.6mL	72	25-Oct-11	19-Jan-12																					
S4-03504AB	RW W4A, wall stem	46	10-Nov-11	05-Jan-12																					
Z3: CH 1100 to CH 2000: SECT. 4 WORKS																									
Stage 1: Southbound Work- Ret. Wall, Noise B, Rd																									
New Bridge 10A + Noise Barrier																									
Bridge Pier/Abutment Wall																									
S4-110590	Abutment West 10AWA Abutment Wall	24	01-Sep-11 A	20-Oct-11																					
Bridge Deck																									
S4-110595	Bridge Bearings10AB01 to 10AB20, 20 nr.	60	20-Dec-10 A	26-Oct-11																					
S4-110670	Pier 10AP6+ to Pier AP7+, Decking 40.5m	42	20-Aug-11 A	08-Oct-1...																					
S4-110680	Pier 10AP7+ to Abut West 10AWA, Decking 27.24m	32	07-Sep-11 A	20-Oct-1...																					
Bridge Stressing, Parapets & Noise Barrier																									
S4-110710A	Parapets construction	72	01-Aug-11 A	17-Dec-11																					
S4-20010A	NB Type V6+C1 Struct.Steel+Pnl, 2 x114 bay x3m	60	27-Sep-11	07-Dec-11																					
S4-110665	Pier 10AP5+ to Pier 10AP6+, Stressing Stage 6	2	29-Sep-11 A	01-Oct-1...																					
S4-110685	Pier 10AP7+ to Abut 10AWA, Stressing Stage 8	2	01-Nov-11	02-Nov-11																					
S4-110690	Abut 10AEA to 10AWA, Stressing Stages 9 to 16	6	03-Nov-11	09-Nov-11																					
S4-110692	Abut 10AEA to 10AWA, Stressing Stage 17	6	10-Nov-11	16-Nov-11																					
S4-110710B	Noise Barrier Plinth	12	17-Nov-11	30-Nov-11																					
Bridge Roadworks & Furnitures																									
S4-110820	Finishes and Furnitures	24	10-Nov-11	07-Dec-11																					
S4-110835	Civil prov. works (CPW)-Lighting Pillar Box P4	18	10-Nov-11	30-Nov-11																					
S4-110810	Movement Joints 10AMJ1 & 10AMJ2, 2 nr.	10	23-Nov-11	03-Dec-11																					
S4-110695	Cast 300mm gap after cable stressing completion	2	29-Nov-11	30-Nov-11																					
S4-110830	Bituminous Surfacing	6	01-Dec-11	07-Dec-11																					
S4-110900	New Bridge No. 10A Completion	0		08-Dec-11																					
New Bridge No. 11A + Noise Barrier																									
Bridge Roadworks & Furnitures																									
S4-120820	Finishes and Furnitures	36	21-Jun-11 A	09-Nov-11																					
S4-120900	New Bridge No. 11A Completion	0		09-Nov-11																					
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-Jan-12																					
S4-200211	NB21 Prebored H Piles, 56 nr,7 bay x8nr,NB21/1-7	70	10-Nov-10 A	09-Jan-12																					
S4-207210A	NB21 Structural Steel, 19 bays	48	16-Sep-11	12-Nov-11																					
S4-208210A	NB21 NB Panels, 26 bays	24	31-Oct-11	26-Nov-11																					
Fill Slope S12																									
S4-031120	Fill Slope S12 (SB)	24	24-Jul-10 A	25-Oct-11																					
S4-031120A	Fill Slope S12 (SB) - backfilling	18	24-Jul-10 A	24-Oct-11																					
Fill Slope S13																									
S4-031130B	Fill Slope S13- backfilling to rd level	48	21-Jun-11 A	31-Oct-11																					
S4-031130D	Fill Slope S13- metal works + hand rails etc.	18	04-Oct-11	25-Oct-11																					
Stage 1 - Slip Rd L, Ret. Wall W13A, W13B																									
Noise Barrier NB24																									
S4-208216	NB24 Structural Steel, L=128m	24	11-Oct-11	07-Nov-11																					
S4-208221	NB24 NB Panels, L=128m	24	31-Oct-11	26-Nov-11																					

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Retaining Wall W13A																									
S4-03513AA	RW W13A, excav + base slab	36	20-Feb-11 A	09-Nov-11																					
S4-03513AB	RW W13A, wall stem	36	22-Aug-11 A	10-Nov-11																					
S4-03513A2	RW W13A, Backfill 48mL	48	27-Oct-11	21-Dec-11																					
Retaining Wall W13B																									
S4-03513BA	RW W13B, excav + base slab	46	20-Feb-11 A	15-Nov-11																					
S4-03513BB	RW W13B, wall stem	46	22-Jun-11 A	17-Nov-11																					
S4-03513B2	RW W13B, Backfill 48mL	42	10-Sep-11	01-Nov-11																					
Stage 2 - Slip Rd L, Ret. Wall W11, W12																									
Slip Rd P																									
S4-208231	Slip Rd P- road reconstruction, Stage 2 TTA	24	23-Sep-11	22-Oct-11																					
Retaining Wall W11																									
S4-035110B	Retining Wall W11, wall stem + backfill	12	04-Nov-11	17-Nov-11																					
Ret. Wall W10, Fill Slope S10, NB21																									
Fill Slope S10																									
S4-035105B	Slope S10+ W10 - backfill to rd level	48	02-Jul-11 A	15-Oct-1...																					
SB: CH1260-1600, L=410m, Road&Drain+Utilities																									
Road Drainage																									
S4-0507815	Road Drainage - pipelayinng + manhole	60	20-Aug-11 A	29-Nov-11																					
Road Lighting/ or High Mast																									
S4-0512775	Pillar Box + MCB Board installation	48	10-Sep-11	08-Nov-11																					
S4-0507855	Public lighting - Lamp Pole + Lamps	24	21-Dec-11	20-Jan-12																					
Roadworks																									
S4-0507840	Roadworks- subbase+ subsoil drain+gully connect	48	02-Nov-11	29-Dec-11																					
S4-0507845	Roadworks - base course to friction course	24	21-Dec-11	20-Jan-12																					
S4-0507850	Roadworks - road marking + furnitures	18	31-Dec-11	20-Jan-12																					
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	05-Jan-12																					
Stage 2: Northbound Work- Ret. Wall, Noise B, Rd																									
Modification of Existing Bridge No. 10 + Noise B																									
No SUB LOCATION																									
S4-109450	Strengthening Beam at spacing 2m max.	42	09-Jan-12	29-Feb-12																					
S4-194880	Install noise barrie NBV3	60	09-Jan-12	21-Mar-12																					
Modification of Existing Bridge No.11 + Noise B																									
No SUB LOCATION																									
S4-195710	Temporary Scaffold and Supports	30	22-Aug-11 A	22-Oct-11																					
S4-195720	Survey of Existing Bridge No. 11	30	22-Aug-11 A	24-Oct-11																					
S4-195830	Remove and modify existing edge parapet	36	08-Sep-11 A	24-Oct-11																					
S4-195835	Reconstruct plinth and replace bearings	30	13-Oct-11	16-Nov-11																					
S4-195840	Core+drill thru. cantliver slab & install anchor	36	20-Oct-11	30-Nov-11																					
S4-195850	Strengthening Beam at spacing 2m max.	36	03-Nov-11	14-Dec-11																					
S4-195855	Stitch Decking	36	17-Nov-11	31-Dec-11																					
S4-195880	Install noise barrie NBV3	30	24-Nov-11	31-Dec-11																					
S4-195860	Core Recess Fill Up	4	02-Jan-12	05-Jan-12																					
S4-195885	Modify ex. MJ recesses and Replace MJS	10	02-Jan-12	12-Jan-12																					
S4-195900	Bridge No. 11 Modification Completion	0		06-Jan-12																					
S4-195890	Road Surfacing & Furnitures	4	13-Jan-12	17-Jan-12																					
RW W9, Slope S9, & Noise Barrier NB19, NB22																									
Noise Barrier NB19																									
S4-20019AB	NB19 Bored Piles, 41 nrs	72	08-Aug-11	02-Nov-11																					
S4-20019AC	NB19 Bored Piles- pile test	72	26-Aug-11	21-Nov-11																					
S4-200190B	NB19 Prebored H Piles, 40 nr	40	02-Sep-11	21-Oct-11																					
S4-203190B	NB19 footings, 21 bays - temp work + excav	70	25-Sep-11 A	14-Dec-11																					
S4-203190C	NB19 footings, 21 bays - pile cap	70	07-Oct-11	29-Dec-11																					
S4-203190	NB19 Pilecap and plinth, 10 bays	50	22-Oct-11	19-Dec-11																					
S4-207190	NB19 Structural Steel, 10 bays	20	10-Dec-11	05-Jan-12																					
S4-207190A	NB19 Structural Steel, 21 bays	20	16-Dec-11	11-Jan-12																					
S4-208190	NB19 NB Panels, 10 bays	20	06-Jan-12	01-Feb-12																					
Noise Barrier NB22																									
S4-203220	NB22 NB Footing and plinth, 3 & 4 mW x 153mL	60	22-Oct-11	03-Jan-12																					
S4-207220	NB22 Structural Steel	24	04-Jan-12	03-Feb-12																					
Fill Slope S9																									
S4-031095A	Fill Slope S9- backfilling	24	09-Nov-11	06-Dec-11																					
S4-031095B	Fill Slope S9 - drainage	12	30-Nov-11	13-Dec-11																					
Retaining Wall W9																									
S4-035090	Retaining Wall W9- summary	90	17-Aug-11	02-Dec-11																					
S4-035090A	Retaining Wall W9, excav+ base slab	66	17-Aug-11	04-Nov-11																					
S4-035090B	Retaining Wall W9, wall stem + backfill	66	15-Sep-11	02-Dec-11																					
NB: CH1260-1600, L=410m, Road&Drain+Utilities																									
Road Drainage																									
S4-0512620	Road Drainage - pipelayinng + manhole	60	21-Nov-11	04-Feb-12																					
Firemain																									
S4-0512630	Firemain- excav, pipe install+pit/new hydrants	48	21-Nov-11	18-Jan-12																					
S4-0512632	Fire Hydrant Relocation - 3769	24	21-Nov-11	17-Dec-11																					

		Contract: HY/2008/09	21 Oct. 2011 to 20 Jan. 2012
		Widening of Tolo Highway / Fanling Highway	Three Months Rolling Programme ☐
		Between Island House Interchange and Fanling	
		(Stage 1 - Between Island House Interchange and Ma Wo)	?Primavera Systems, Inc.

Activity ID	Activity Name	Original Duration	Start	Finish	2011																		2012		
					September			October				November				December				January					
					18	25	02	09	16	23	30	06	13	20	27	04	11	18	25	01	08	15			
TCSS Works/Other Utilities																									
S4-0512623	Civil prov. works (CPW)- TCSS Pillar Box D	18	21-Nov-11	10-Dec-11																					
S4-0512625	TCSS Sign Gantry G22, G21 - footing	48	21-Nov-11	18-Jan-12																					
S4-0512627	TCSS High mast M7/S117 - footing	36	21-Nov-11	04-Jan-12																					
S4-0512635	Utilities +TCSS buried ducts + civil prov. works	48	19-Dec-11	18-Feb-12																					
S4-0512640	Power supply cable ducts	36	19-Dec-11	04-Feb-12																					
Road Lighting/ or High Mast																									
S4-051266A	Public Lighting - cabling works	18	21-Nov-11	10-Dec-11																					
Roadworks																									
S4-0512645	Roadworks- subbase+ subsoil drain+gully connect	48	05-Jan-12	03-Mar-12																					
Z4: CH 2000 to CH 2400: SECT. 2 WORKS																									
Stage 1A: Southbound - S14-, RW21-28, TP7,Rd/Dr																									
Ret. Wall W21, W22(Piled), W23 + S16																									
Cut Slope S16																									
S2-031160	Slope S16 (SB)	30	24-Sep-11	31-Oct-11																					
Retaining Wall W21, W22, W23																									
S2-035221C	RW21,W22, 23 - wall stem + backfill	72	20-Nov-10 A	24-Oct-11																					
Retaining Wall W24 to W28 & Slope S17																									
Cut Slope S17																									
S2-031170	Slope S17 (SB)	60	22-Aug-11 A	23-Nov-11																					
Retaining Wall W27																									
S2-035270B	Retaining Wall W27, wall stem + backfill	72	01-Dec-10 A	30-Nov-11																					
Retaining Wall W28																									
S2-035280	Bored Pile Ret. Wall W28, 9 x 2200dia	60	10-Jan-11 A	26-Oct-11																					
Cut Slope S14																									
No SUB LOCATION																									
S2-031140E	Cut Slope S14- drainage + handrails	48	02-Nov-10 A	09-Nov-11																					
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-Dec-11																					
Slope S15, S18, S19																									
Cut Slope S15 (under Sect. 4)																									
S4-031155E	Cut Slope S15 - drainage + hand rails	32	20-Jan-11 A	27-Oct-11																					
Fill Slope S18																									
S2-031185A	Fill Slope S18- backfilling	24	19-Nov-10 A	22-Oct-11																					
S2-031185B	Fill Slope S18- drainage	12	22-Aug-11 A	31-Oct-11																					
Cut Slope S19																									
S2-031195D	Cut Slope S19- cut + soil nail, rd lvl, +56mpd	36	06-Jan-11 A	24-Oct-11																					
S2-031195E	Cut Slope S19- drainage + handrails	31	21-May-11 A	28-Oct-11																					
Stage 2A: Southbound- S17, RW 29-34, NB27-29																									
Noise Barrier NB27, NB29																									
Noise Barrier NB27																									
S2-202275	NB27 Pilecap, 18 bays	36	21-Jan-11 A	09-Nov-11																					
S2-208270	NB27 NB Panels	24	03-Oct-11	31-Oct-11																					
Noise Barrier NB29																									
S2-035350	NB29 NB Panels	24	06-Oct-11	02-Nov-11																					
Retaining Wall, W29 & NB27(@W29)																									
Noise Barrier NB27																									
S2-035335	NB27 Structural Steel, L=109m (RW W29)	24	27-Sep-11	26-Oct-11																					
S2-035340	NB27 NB Panels, L=109m (RW W29)	24	13-Oct-11	09-Nov-11																					
Retaining Wall W34A/W34B																									
S2-035380B	RW W34B, wall stem + backfill	12	14-Oct-11	27-Oct-11																					
SB: CH2200-2400, L=200m, Road&Drain+Utilities																									
Road Drainage																									
S2-031210	Road Drainage - pipelayinnng + manhole	48	24-Sep-11	21-Nov-11																					
Firemain																									
S2-031220	Firemain- excav, pipe install+pit/new hydrants	24	24-Sep-11	24-Oct-11																					
TCSS Works/Other Utilities																									
S2-031225	Utilities +TCSS buried ducts + civil prov. works	24	24-Sep-11	24-Oct-11																					
Roadworks																									
S2-031235	Roadworks- subbase+ subsoil drain+gully connect	36	25-Oct-11	05-Dec-11																					
S2-031240	Roadworks - base course to friction course	18	06-Dec-11	28-Dec-11																					
S2-031245	Roadworks - road marking + furnitures	9	16-Dec-11	28-Dec-11																					
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	15-Sep-11	09-Dec-11																					
S2-208295B	NB26 & NB 28 Footings, 17 bays - footings	72	27-Oct-11	21-Jan-12																					
TCSS Works/Other Utilities																									
S2-2082300	TCSS Sign Gantry G23 - footing	36	15-Sep-11	28-Oct-11																					
S2-208365	Utilities +TCSS buried ducts + civil prov. works	24	07-Jan-12	07-Feb-12																					
S2-208370	Power supply cable ducts	24	07-Jan-12	07-Feb-12																					
Road Lighting/ or High Mast																									
S2-208355	Public Lighting - buried ducts	24	07-Jan-12	07-Feb-12																					
S4-208357	Civil prov. works (CPW)- Lighting Pillar Box P5	18	07-Jan-12	31-Jan-12																					
		Contract: HY/2008/09										21 Oct. 2011 to 20 Jan. 2012													
		Widening of Tolo Highway / Fanling Highway										Three Months Rolling Programme ☐													
		Between Island House Interchange and Fanling																							
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Activity ID	Activity Name	Original Duration	Start	Finish	2011																		2012		
					September		October				November				December				January						
					18	25	02	09	16	23	30	06	13	20	27	04	11	18	25	01	08	15			
Roadworks																									
S2-208375	Roadworks- subbase	48	07-Jan-12	06-Mar-12																					
Watermain Test+Drain CCTV+Gantry+TCSS+ E&M Work																									
TCSS Works																									
No SUB LOCATION																									
S2-208405	Cabling works for Utilities/TCSS/Lighting	36	07-Jan-12	21-Feb-12																					
Watermain Pressure Test																									
No SUB LOCATION																									
S2-208440	FH+ Watermain Pressure Test	48	25-Oct-11	19-Dec-11																					
S2-208445	Watermain Sterilizationn+submission of report	36	20-Dec-11	06-Feb-12																					
Stage 2B: Northbound- NB25																									
Noise Barrier NB25																									
No SUB LOCATION																									
S4-208250	NB25 NB Panels	24	27-Sep-11	26-Oct-11																					
Z6: TCSS IN PORTION SA11: SECT. 4 WORKS																									
TCSS Works																									
TCSSWorks in Portion SA11																									
No SUB LOCATION																									
S?-100035	Civil+E&M Prov.- G74 mod.+ SC74/S74+Pillar Box G	48	05-Sep-11	02-Nov-11																					
S?-100040	Civil+E&M Prov. - P12, footing	36	22-Oct-11	02-Dec-11																					
S?-100045	Civil+E&M Prov. - G73, modification	24	23-Nov-11	20-Dec-11																					
S?-100055	Civil+E&M Prov. - G12, new gantry	48	12-Dec-11	11-Feb-12																					
S?-100050	Civil+E&M Prov. - TCSS Hub	72	19-Dec-11	17-Mar-12																					

	Contract: HY/2008/09	21 Oct. 2011 to 20 Jan. 2012
	Widening of Tolo Highway / Fanling Highway	Three Months Rolling Programme ☐
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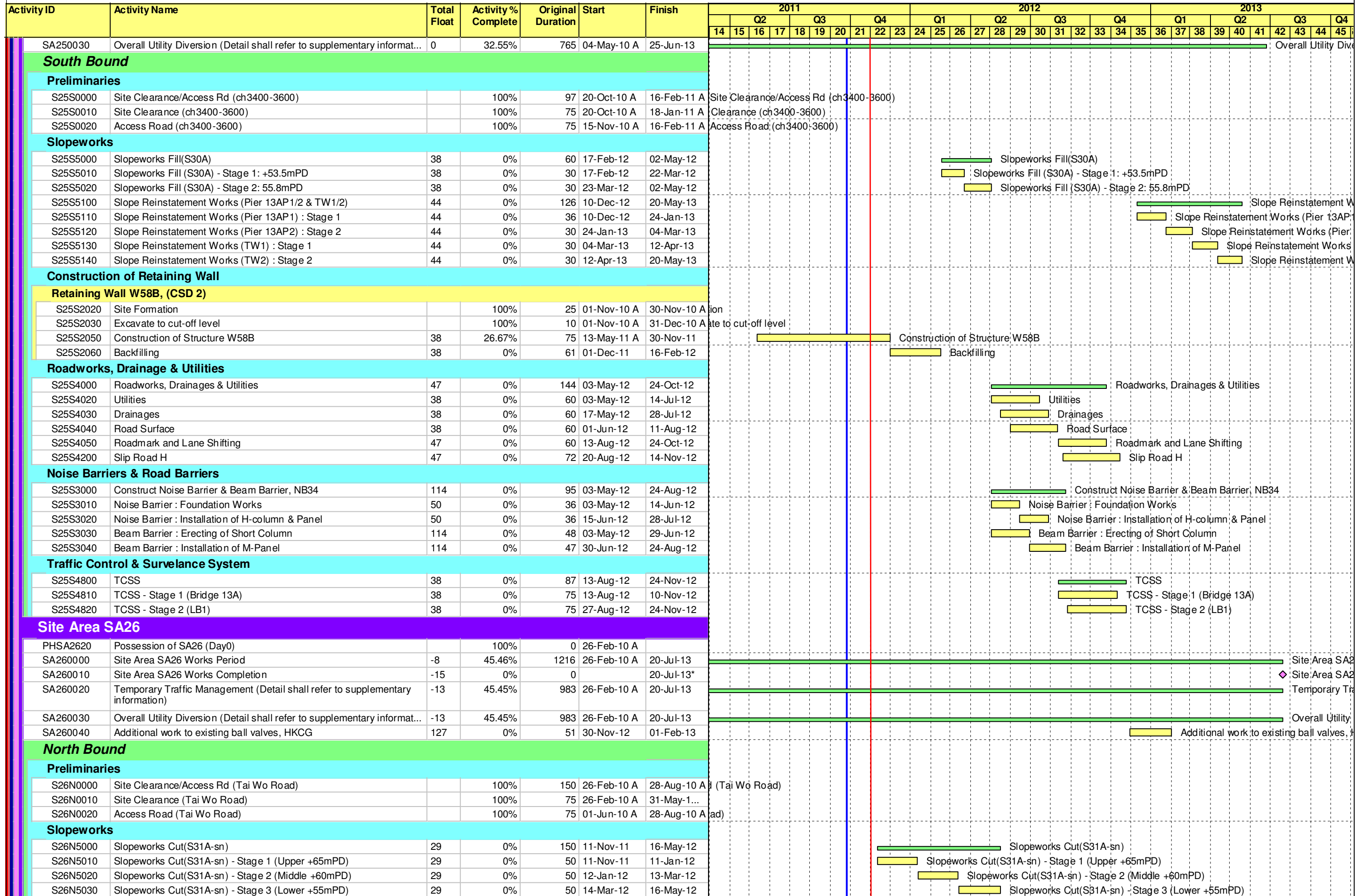
Activity ID	Activity Name	Total Float	Activity % Complete	Original Duration	Start	Finish	Gantt Chart																											
							2011							2012							2013													
							Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4																	
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	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																													
VO000270	VO. 27: Temp. Access and Lighting for Inspection on Bridge 13 Deck Interior		100%	0	16-May-11 A																													
VO000280	VO. 28: Provision of Hoarding at Site Boundary of SA22 and SA25		100%	0	11-May-11 A																													
Milestones of Temporary Traffic Arrangement																																		
TTA000	TTA Stage 0	43	0%	0	21-Mar-12																													
TTA010	TTA Stage 1	114	0%	0	02-Apr-12																													
TTA020	TTA Stage 2	8	0%	0	20-Feb-13																													
TTA030	TTA Stage 3	41	0%	0	24-Mar-12																													
TTA040	TTA Stage 4	73	0%	0	31-Oct-12																													
TTA050	TTA Stage 5	-20	0%	0	11-Sep-12																													
TTA060	TTA Stage 6	40	0%	0	18-Feb-12																													
TTA070	TTA Stage 7	40	0%	0	18-Feb-12																													
TTA080	TTA Stage 8	-19	0%	0	28-Feb-13																													
TTA090	TTA Stage 9	-22	0%	0	25-May-13																													
TTA100	TTA Stage 10	-22	0%	0	28-Jun-13																													
TTA110	TTA Stage 11	-21	0%	0	11-Jul-13																													
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	25-Jun-13																												
SA210010	Site Area SA21 Works Completion	0	0%	0		25-Jun-13*																												
SA210020	Temporary Traffic Management (Detail shall refer to supplementary information)	0	40.83%	872	16-Jul-10 A	25-Jun-13																												
SA210030	Overall Utilities Diversion (Detail shall refer to supplementary information)	0	40.83%	872	16-Jul-10 A	25-Jun-13																												
North Bound																																		
Preliminaries																																		
S21N0000	Site Clearance/Access Rd & acquisition of Sub-con		100%	63	15-Oct-10 A	30-Dec-10 A																												
Slopeworks																																		
S21N5000	Slopeworks Fill(S21)	57	0%	72	23-Nov-11	21-Feb-12																												
S21N5010	U-Channel and Berm	57	0%	48	07-Jan-12	06-Mar-12																												
S21N5100	Slopeworks Cut(S22)	129	18.8%	266	17-Feb-11 A	19-Jun-12																												
S21N5110	Slopeworks Cut (S22) - Stage 1 (Upper +59mPD)	129	70%	74	17-Feb-11 A	24-Oct-11																												
S21N5120	Slopeworks Cut (S22) - Stage 2 (Middle +57mPD)	129	0%	72	26-Sep-11	20-Dec-11																												
S21N5130	Slopeworks Cut (S22) - Stage 3 (Lower +55mPD)	129	0%	72	21-Dec-11	20-Mar-12																												
S21N5140	U-Channel and Berm	129	0%	36	21-Mar-12	07-May-12																												
S21N5150	Shotcreting/Plantation	129	0%	36	08-May-12	19-Jun-12																												
S21N5200	Slopeworks Fill(S24)	131	0%	114	26-Sep-11	15-Feb-12																												
S21N5210	Slopeworks Fill(S24) - Stage 1 (Lower +49mPD)	131	0%	60	26-Sep-11	06-Dec-11																												
S21N5220	Slopeworks Fill(S24) - Stage 2 (Upper +52mPD)	131	0%	54	07-Dec-11	15-Feb-12																												
S21N5800	Debris Catcher Fence and NTHA Protective Measures (Area 2A-3) (Provision Item)	129	0%	96	20-Jun-12	13-Oct-12																												
S21N5810	Access Rock to Hazard Rock Areas	129	0%	30	20-Jun-12	26-Jul-12																												
S21N5820	Installation of Rock Fall Fence	129	0%	66	27-Jul-12	13-Oct-12																												
Extension of Culverts																																		
S21N1000	Extension of Box Culvert (N581)		100%	148	08-Nov-10 A	21-Mar-11 A																												
S21N1010	Temporary Water Diversion		100%	23	08-Nov-10 A	11-Dec-10 A																												
S21N1020	Construction of Base Slab		100%	75	13-Dec-10 A	02-Mar-11 A																												
S21N1030	Construction of Wall Stem		100%	50	13-Dec-10 A	21-Mar-11 A																												
S21N1040	Construction of Top Slab		100%	45	19-Jan-11 A	21-Mar-11 A																												
S21N1050	Extension of Box Culvert (TP9), Upstream (CSD 3)	128	96.36%	261	26-Mar-11 A	08-Oct-11																												
S21N1060	Temporary Water Diversion		100%	16	26-Mar-11 A	15-Apr-11 A																												
S21N1070	Construction of Base Slab		100%	75	30-Mar-11 A	05-Jul-11 A																												
S21N1080	Construction of Wall Stem	128	90%	50	20-May-11 A	30-Sep-11																												
S21N1090	Construction of Top Slab	128	90%	45	30-Jul-11 A	08-Oct-11																												

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									
	S21N2580	Construction of RW Structure (W46)	60	0%	75	18-Nov-11	21-Feb-12	Construction of RW Structure (W46)																																							
	S21N2590	Backfilling W45 & W46	60	0%	18	21-Feb-12	13-Mar-12	Backfilling W45 & W46																																							
Retaining Wall W49																																															
	S21N2604	Clearing & Prepare Piling Platform & Pre-drilling for W49		100%	24	20-Nov-10 A	24-Feb-11 A	Clearing & Prepare Piling Platform & Pre-drilling for W49																																							
	S21N2606	Piles for W49	66	0%	54	26-Sep-11	29-Nov-11	Piles for W49																																							
	S21N2607	Piling for Bay 1	66	0%	18	26-Sep-11	18-Oct-11	Piling for Bay 1																																							
	S21N2608	Piling for Bay 2 & 3	66	0%	18	19-Oct-11	08-Nov-11	Piling for Bay 2 & 3																																							
	S21N2609	Piling for Bay 4 & 5	66	0%	18	09-Nov-11	29-Nov-11	Piling for Bay 4 & 5																																							
	S21N2610	Sheet Pile/Excavate & Construct W49		100%	96	26-Mar-11 A	25-Jul-11 A	Sheet Pile/Excavate & Construct W49																																							
	S21N2620	Opencut Excavation		100%	18	26-Mar-11 A	16-Apr-11 A	Opencut Excavation																																							
	S21N2630	Construction of W49 Structure		100%	36	08-Mar-11 A	20-Aug-11 A	Construction of W49 Structure																																							
	S21N2640	Backfilling	66	0%	15	30-Nov-11	16-Dec-11	Backfilling																																							
Roadworks, Drainage & Utilities																																															
	S21N4100	Roadworks, Drainages & Utilities	129	0%	143	23-Dec-11	21-Jun-12	Roadworks, Drainages & Utilities																																							
	S21N4110	Removal of existing paving	110	0%	25	23-Dec-11	28-Jan-12	Removal of existing paving																																							
	S21N4120	Drainages	60	0%	75	23-Dec-11	27-Mar-12	Drainages																																							
	S21N4130	Utilities	60	0%	75	23-Dec-11	27-Mar-12	Utilities																																							
	S21N4140	Road Surface (incl shift lane for Interface)	34	0%	75	07-Feb-12	09-May-12	Road Surface (incl shift lane for Interface)																																							
	S21N4150	Shift lane for Interface Stage 1	40	0%	0	18-Feb-12		Shift lane for Interface Stage 1																																							
	S21N4160	Removal of Central Barrier & Roadmark	129	0%	36	10-May-12	21-Jun-12	Removal of Central Barrier & Roadmark																																							
Noise Barriers & Road Barriers																																															
	S21N3010	NB31 (CH 0-183.6, W39 - W49)	131	0%	90	15-Feb-12	06-Jun-12	NB31 (CH 0-183.6, W39 - W49)																																							
	S21N3060	NB31 : Excavation and Footing	131	0%	50	15-Feb-12	18-Apr-12	NB31 : Excavation and Footing																																							
	S21N3080	NB31 : Erecting H-Column	131	0%	20	18-Apr-12	12-May-12	NB31 : Erecting H-Column																																							
	S21N3090	NB31 (CH 90-183.6) : Installing Panel	131	0%	20	12-May-12	06-Jun-12	NB31 (CH 90-183.6) : Installing Panel																																							
	S21N3100	Beam Barrier	66	0%	102	23-Nov-11	27-Mar-12	Beam Barrier																																							
	S21N3110	Installing Column	100	0%	50	23-Nov-11	26-Jan-12	Installing Column																																							
	S21N3120	Installing M-Beam	66	0%	50	28-Jan-12	27-Mar-12	Installing M-Beam																																							
Traffic Control & Survelance System																																															
	S21N4800	TCSS, G23A	34	0%	72	14-Feb-13	14-May-13	TCSS, G23A																																							
Landscaping																																															
	S21N6000	Landscaping Works	129	0%	75	15-Oct-12	14-Jan-13	Landscaping Works																																							
South Bound																																															
Preliminaries																																															
	S21S0000	Site Clearance/Access Rd		100%	48	15-Oct-10 A	10-Dec-10 A	Site Clearance/Access Rd																																							
	S21S0010	Site Clearance		100%	36	15-Oct-10 A	26-Nov-10 A	Site Clearance																																							
	S21S0030	Access Road		100%	34	02-Nov-10 A	10-Dec-10 A	Access Road																																							
Slopeworks																																															
	S21S5000	Slopeworks Fill(S26)	101	0%	120	15-Oct-11	10-Mar-12	Slopeworks Fill(S26)																																							
	S21S5010	Slopeworks Fill(S26) - Lower +50mPD	101	0%	60	15-Oct-11	24-Dec-11	Slopeworks Fill(S26) - Lower +50mPD																																							
	S21S5020	Slopeworks Fill(S26) - Upper +55mPD	101	0%	60	24-Dec-11	10-Mar-12	Slopeworks Fill(S26) - Upper +55mPD																																							
	S21S5100	Slopeworks Fill(S27)	161	0%	120	15-Oct-11	10-Mar-12	Slopeworks Fill(S27)																																							
	S21S5110	Slopeworks Fill(S27) - Lower +50mPD	161	0%	60	15-Oct-11	24-Dec-11	Slopeworks Fill(S27) - Lower +50mPD																																							
	S21S5120	Slopeworks Fill(S27) - Lower +55mPD	161	0%	60	24-Dec-11	10-Mar-12	Slopeworks Fill(S27) - Lower +55mPD																																							
Extension of Culverts																																															
	S21S1100	Extension of Box Culvert (TP9), Downstream	110	0%	60	14-May-12	26-Jul-12	Extension of Box Culvert (TP9), Downstream																																							
	S21S5130	Temporary Water Diversion	110	0%	12	14-May-12	29-May-12	Temporary Water Diversion																																							
	S21S5140	Construction of Base Slab, Wall & Top Slab	110	0%	48	29-May-12	26-Jul-12	Construction of Base Slab, Wall & Top Slab																																							
Construction of Retaining Wall																																															
Retaining Wall W50																																															
	S21S2000	Sheet Pile/Excavate & Construct W50 (w/SP)	101	0%	77	25-May-12	27-Aug-12	Sheet Pile/Excavate & Construct W50 (w/SP)																																							
	S21S2010	Sheet Pile & ELS Works	101	0%	24	25-May-12	25-Jun-12	Sheet Pile & ELS Works																																							
	S21S2020	Construction of W50 Structure	101	0%	42	25-Jun-12	14-Aug-12	Construction of W50 Structure																																							
	S21S2030	Backfilling	101	0%	18	06-Aug-12	27-Aug-12	Backfilling																																							
Retaining Wall W51-56 (CSD 3)																																															
	S21S2100	Sheet Pile / Excavate & Construct W51-56 (w/SP)	35	14.24%	216	25-Feb-11 A	14-May-12	Sheet Pile / Excavate & Construct W51-56 (w/SP)																																							
	S21S2110	Sheet Pile & ELS Works (W51)		100%	24	25-Feb-11 A	11-May-1...	Sheet Pile & ELS Works (W51)																																							

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

[illegible]

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												
Noise Barriers & Road Barriers																																																		
S22S3000	Beam Barrier	46	0%	72	09-Nov-12	05-Feb-13																																												
S22S3040	Beam Barrier : Erecting of Short Column	46	0%	36	09-Nov-12	21-Dec-12																																												
S22S3050	Beam Barrier : Installing M-Barrier	46	0%	36	21-Dec-12	05-Feb-13																																												
Traffic Control & Survelance System																																																		
S22S4820	TCSS - G60	21	0%	75	13-Mar-13	17-Jun-13																																												
Modification of Existing Bridge, 12 & 12B																																																		
S22S1300	Demolish Existing Parapet & Stitching Works for bridge 12 & 12B	-12	0%	144	31-Oct-12	29-Apr-13																																												
S22S1320	TTA (Stage 4-1) & Removal of Existing Parapet, B12B	-12	0%	36	31-Oct-12	12-Dec-12																																												
S22S1321	TTA (Stage 4-1) & Stitching of New Deck with Existing Deck, B12B	-12	0%	36	12-Dec-12	26-Jan-13																																												
S22S1325	TTA (Stage 4-2) & Demolish Existing Parapet and Central Divider, B...	-12	0%	36	26-Jan-13	13-Mar-13																																												
S22S1330	TTA (Stage 4-2) & Stitching Works, B12	-12	0%	36	13-Mar-13	29-Apr-13																																												
Landscaping																																																		
S22S6000	Landscaping Works	60	0%	72	26-Jan-13	29-Apr-13																																												
Middle Lane																																																		
Roadworks, Drainage & Utilities																																																		
S22M4000	Roadworks, Drainage & Utilities	-12	0%	108	13-Mar-13	26-Jul-13																																												
S22M4540	Removal of existing paving	28	0%	50	13-Mar-13	16-May-13																																												
S22M4560	Utilities	0	0%	60	13-Mar-13	29-May-13																																												
S22M4570	Drainage	0	0%	60	27-Mar-13	13-Jun-13																																												
S22M4580	Road Surface	-12	0%	54	29-Apr-13	05-Jul-13																																												
S22M4590	Roadmark and Final Lane Shifting	-12	0%	60	14-May-13	26-Jul-13																																												
Noise Barriers & Road Barriers																																																		
S22M3000	Construct Noise Barrier	46	0%	114	21-Dec-12	16-May-13																																												
S22M3010	Erecting H-Column	46	0%	57	21-Dec-12	05-Mar-13																																												
S22M3020	Installing Panel	46	0%	57	05-Mar-13	16-May-13																																												
Site Area SA23																																																		
PHSA2320	Possession of SA23 (Day180)		100%	0	04-May-10 A																																													
SA230000	Site Area SA23 Works Period	227	26.96%	586	16-Jul-10 A	26-Nov-12																																												
SA230010	Site Area SA23 Works Completion	0	0%	0		25-Jun-13*																																												
South Bound																																																		
Preliminaries																																																		
S23S0000	Site Clearance / Site Access	214	0%	144	26-Sep-11	20-Mar-12																																												
S23S1000	Site Clearance	214	0%	72	26-Sep-11	20-Dec-11																																												
S23S2000	Site Access	214	0%	72	21-Dec-11	20-Mar-12																																												
Slopeworks																																																		
S21N2638	Slopeworks Fill (S27)	214	0%	99	21-Mar-12	23-Jul-12																																												
S21N2638.1	Slopeworks Fill (S27) - Stage 1, +45mPD	214	0%	33	21-Mar-12	03-May-12																																												
S21N2638.2	Slopeworks Fill (S27) - Stage 2, +50mPD	214	0%	33	04-May-12	12-Jun-12																																												
S21N2638.3	Slopeworks Fill (S27) - Stage 3, +55mPD	214	0%	33	13-Jun-12	23-Jul-12																																												
S21N2740	Debris Catcher Fence and NTHA Protective Measures (Area 3B) (Provision Item)	181	0%	100	03-May-12	30-Aug-12																																												
S21N2741	Access Rock to Hazard Rock Areas	181	0%	30	03-May-12	07-Jun-12																																												
S21N2742	Installation of Rock Fall Fence	181	0%	70	08-Jun-12	30-Aug-12																																												
Landscaping																																																		
S23S6000	Landscaping Works	181	0%	72	31-Aug-12	26-Nov-12																																												
Site Area SA24																																																		
PHSA2410	Possession of SA24 (Day180)		100%	0	04-May-10 A																																													
SA240000	Site Area SA24 Works Period	33	23.22%	788	04-May-10 A	22-May-13																																												
SA240010	Site Area SA24 Works Completion	0	0%	0		25-Jun-13*																																												
North Bound																																																		
Preliminaries																																																		
S24N0000	Site Clearance/Access Rd		100%	89	25-Aug-10 A	09-Dec-10 A																																												
S24N0010	Site Clearance		100%	72	25-Aug-10 A	19-Nov-10 A																																												
S24N0020	Access Road		100%	72	07-Sep-10 A	09-Dec-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																
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																																															

Inclement weather cause delay

[illegible]

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	ffolding & 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 (Area 6-2) [Provisional Item]																			
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) [Provisional Item]																			
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 Protective Measures (Area 6-1) [Provisional Item]																			
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	orm for W69																																															
S26AN144	Pre-drilling for W69		100%	24	10-Sep-10 A	10-Oct-10 A	Pre-drilling for W69																																															
S26AN146	Pipe Pile for W69		100%	77	20-Oct-10 A	24																																																

Activity ID		Activity Name	Total Float	Activity % Complete	Original Duration	Start	Finish	2011												2012												2013											
								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&K)	73	0%	50	20-Nov-12	21-Jan-13	Removal of existing paving - Stage 1 (CH3900 - 4500 & Slip Rd J&K)																																				
S26AN402	Utilities - Stage 1 (CH4500-4840)	12	0%	75	20-Nov-12	22-Feb-13	Utilities - Stage 1 (CH4500-4840)																																				
S26AN405	Drainages - Stage 1	12	0%	75	11-Dec-12	15-Mar-13	Drainages - Stage 1																																				
S26AN407	Road Surface - Stage 1	12	0%	75	04-Jan-13	10-Apr-13	Road Surface - Stage 1																																				
S26AN408	Roadmark - Stage 1	45	0%	75	25-Jan-13	02-May-13	Roadmark - Stage 1																																				
S26AN409	Removal of existing paving - Stage 2 (CH4020-4500)	24	0%	25	22-Feb-13	23-Mar-13	Removal of existing paving - Stage 2 (CH4020-4500)																																				
S26AN410	Utilities - Stage 2 (CH4020-4500)	13	0%	50	22-Feb-13	26-Apr-13	Utilities - Stage 2 (CH4020-4500)																																				
S26AN412	Drainages - Stage 2	13	0%	50	15-Mar-13	20-May-13	Drainages - Stage 2																																				
S26AN414	Road Surface - Stage 2	13	0%	50	10-Apr-13	10-Jun-13	Road Surface - Stage 2																																				
S26AN416	Roadmark - Stage 2	13	0%	31	10-Jun-13	18-Jul-13	Roadmark - Stage 2																																				
S26AN418	Lane shifting for Borth Bound, SA26A	13	0%	24	18-Jul-13	14-Aug-13	Lane shifting for Borth Bound, SA26A																																				
S26AN420	Slip Road Q (At W65C)	17	0%	75	20-Nov-12	22-Feb-13	Slip Road Q (At W65C)																																				
S26AN430	Slip Road R (From W72A to W73) Stage 1	-18	0%	50	26-Jan-12	24-Mar-12	Slip Road R (From W72A to W73) Stage 1																																				
S26AN435	Slip Road R (From W70 to B18A) Stage 2	24	0%	133	26-Jun-12	01-Dec-12	Slip Road R (From W70 to B18A) Stage 2																																				
S26AN436	Slip Road R (From W70 to B18A) Stage 2.1, formation	24	0%	43	26-Jun-12	15-Aug-12	Slip Road R (From W70 to B18A) Stage 2.1, formation																																				
S26AN437	Slip Road R (From W70 to B18A) Stage 2.2, Drainage&utilities	24	0%	45	16-Aug-12	09-Oct-12	Slip Road R (From W70 to B18A) Stage 2.2, Drainage&utilities																																				
S26AN438	Slip Road R (From W70 to B18A) Stage 2.3, pavement & roadworks	24	0%	45	10-Oct-12	01-Dec-12	Slip Road R (From W70 to B18A) Stage 2.3, pavement & roadworks																																				
S26AN440	Slip Road J (Under Bridge 15A)	17	0%	50	20-Nov-12	21-Jan-13	Slip Road J (Under Bridge 15A)																																				
S26AN450	TTA Stage 3	41	0%	0	24-Mar-12		TTA Stage 3																																				
Noise Barriers & Road Barriers																																											
S26AN300	Construct Beam Barrier	12	0%	137	01-Mar-13	17-Aug-13	Construct Beam Barrier																																				
S26AN310	Erection of Short Column	12	0%	69	01-Mar-13	28-May-13	Erection of Short Column																																				
S26AN320	Installation of M-Barrier	12	0%	68	28-May-13	17-Aug-13	Installation of M-Barrier																																				
Traffic Control & Survelance System																																											
S26AN480	TCSS, G25, G26, G27 & G28	44	0%	75	10-Apr-13	11-Jul-13	TCSS, G25, G26, G27 & G28																																				
Modification of Existing Bridge																																											
S26AN200	Modification of Existing Bridge 15	-13	0%	100	28-Feb-13	04-Jul-13	Modification of Existing Bridge 15																																				
S26AN210	Demolish of Central Barrier	-13	0%	50	28-Feb-13	03-May-13	Demolish of Central Barrier																																				
S26AN220	Raising of Concrete Edge	-13	0%	50	03-May-13	04-Jul-13	Raising of Concrete Edge																																				
Road Resurfacing & Line Marking																																											
S26AN490	Resurfacing/Line Marking North Lane SA26A	-13	0%	112	03-May-13	14-Sep-13	Resurfacing/Line Marking North Lane SA26A																																				
S26AN491	Resurfacing	-13	0%	50	03-May-13	04-Jul-13	Resurfacing																																				
S26AN492	Road Marking & Lane Shifting	-13	0%	62	04-Jul-13	14-Sep-13	Road Marking & Lane Shifting																																				
Landscaping																																											
S26AN610	Landscaping Works	96	0%	75	31-Jan-13	07-May-13	Landscaping Works																																				
South Bound																																											
Preliminaries																																											
S26AS000	Site Clearance/Access Rd		100%	164	26-Feb-10 A	14-Sep-10 A	Rd	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)																																											

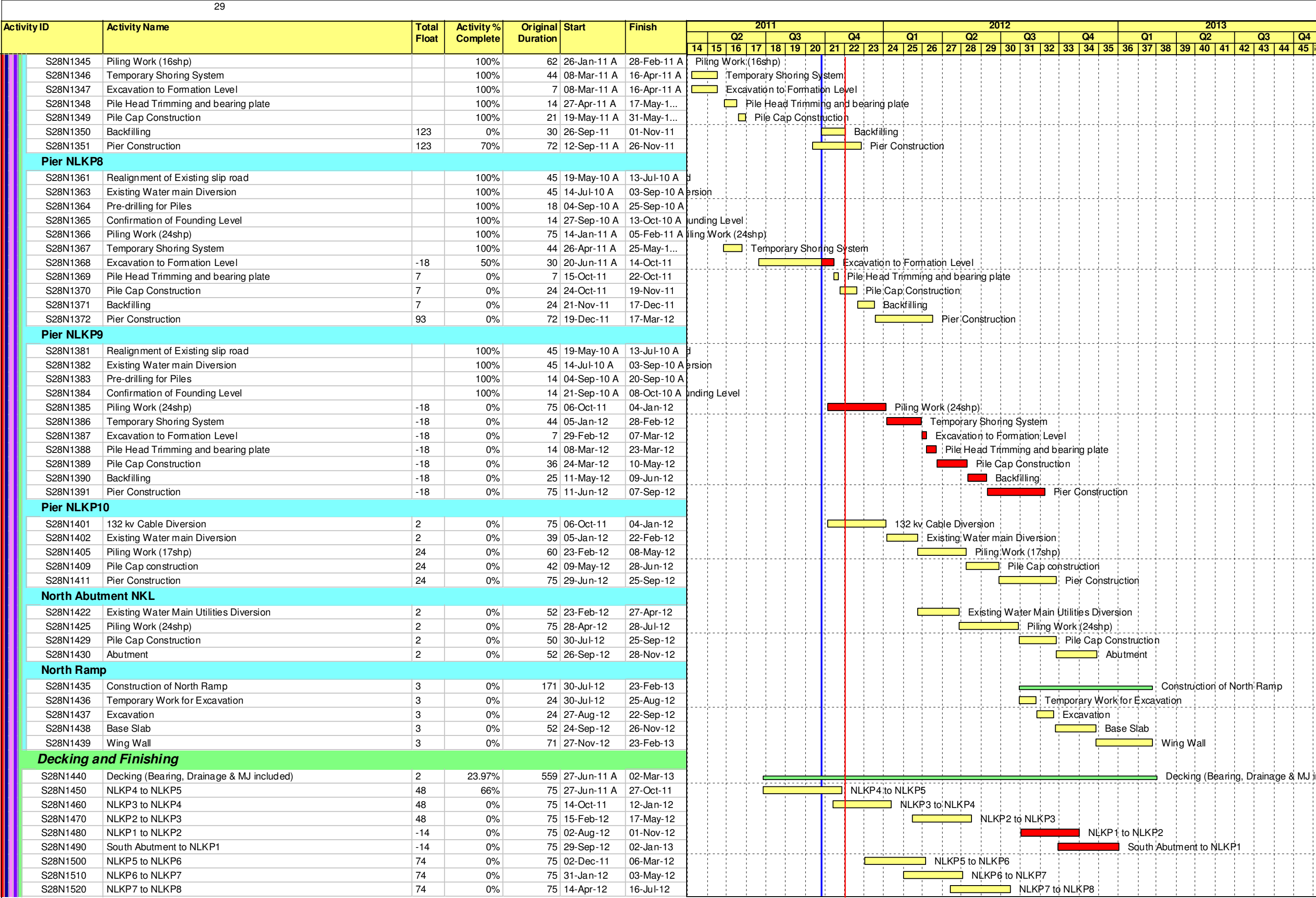
Activity ID	Activity Name	Total Float	Activity % Complete	Original Duration	Start	Finish	201120122013																																															
							Q2				Q3				Q4				Q1				Q2				Q3				Q4				Q1				Q2				Q3				Q4							
							14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45																
S27S3000	Construct Beam Barrier	12	0%	120	28-Jun-12	20-Nov-12	Construct Beam Barrier																																															
S27S3010	Beam Barrier : Erection of Short Column	12	0%	60	28-Jun-12	07-Sep-12	Beam Barrier : Erection of Short Column																																															
S27S3040	Beam Barrier : Installation of M-Barrier	12	0%	60	07-Sep-12	20-Nov-12	Beam Barrier : Installation of M-Barrier																																															
Construction of Bridge 15A																																																						
Preparatory and Enabling Works																																																						
S26AS205	Site Clearance		100%	102	01-Jun-10 A	30-Sep-10 A	Site Clearance																																															
S26AS210	Hual Road		100%	102	01-Jun-10 A	30-Sep-10 A	Hual Road																																															
S26AS215	11KV Diversion, CLP		100%	102	01-Jun-10 A	30-Sep-10 A	11KV Diversion, CLP																																															
S26AS225	2 nos. Existing fresh water mains diversion		100%	36	26-Jan-11 A	11-Mar-11 A	2 nos. Existing fresh water mains diversion																																															
S26AS235	Existing tel cable diversion, PCCW		100%	36	26-Jan-11 A	11-Mar-11 A	Existing tel cable diversion, PCCW																																															
S26AS245	HyD/Lighting		100%	60	26-Jan-11 A	09-Apr-11 A	HyD/Lighting																																															
Substructure and Pier Construction																																																						
South Abutment, P1 to P5																																																						
S26AS220	Piling - South Abutmentt, P1 to P5		100%	335	02-Jul-10 A	16-Aug-11 A	Piling - South Abutmentt, P1 to P5																																															
S26AS230	Excavation & Cap-South Abutment, P1 to P5		100%	173	07-Feb-11 A	05-Sep-11 A	Excavation & Cap-South Abutment, P1 to P5																																															
S26AS240	Pier & backfill, South Abutment, P1 to P5	117	42.25%	112	13-Jun-11 A	12-Dec-11	Pier & backfill, South Abutment, P1 to P5																																															
South Abutment																																																						
S26AS770	Piling - South Abutment		100%	71	02-Jul-10 A	07-Feb-11 A	Piling - South Abutment																																															
S26AS780	Cap & Backfill - South Abutment		100%	37	07-Feb-11 A	22-Mar-11 A	Cap & Backfill - South Abutment																																															
S26AS790	South Abutment		100%	21	13-Jun-11 A	14-Jul-11 A	South Abutment																																															
P1																																																						
S26AS610	Piling - P1		100%	66	18-Jan-11 A	09-Apr-11 A	Piling - P1																																															
S26AS620	Cap & Backfill - P1		100%	37	26-May-11 A	09-Jul-11 A	Cap & Backfill - P1																																															
S26AS630	Pier - P1		100%	36	11-Jul-11 A	22-Sep-11 A	Pier - P1																																															
P2																																																						
S26AS640	Piling - P2		100%	66	26-Apr-11 A	27-May-11 A	Piling - P2																																															
S26AS650	Cap & Backfill - P2		100%	37	09-Jun-11 A	23-Jul-11 A	Cap & Backfill - P2																																															
S26AS660	Pier - P2	83	75%	36	26-Aug-11 A	07-Oct-11	Pier - P2																																															
P3																																																						
S26AS670	Piling - P3		100%	66	28-Dec-10 A	01-Feb-11 A	Piling - P3																																															
S26AS680	Cap & Backfill - P3		100%	37	26-Mar-11 A	14-May-11 A	Cap & Backfill - P3																																															
S26AS700	Pier - P3	113	75%	36	09-May-11 A	07-Oct-11	Pier - P3																																															
P4																																																						
S26AS548	Piling - P4		100%	63	09-Feb-11 A	26-Mar-11 A	Piling - P4																																															
S26AS550	Cap & Backfill - P4		100%	46	07-Apr-11 A	16-May-11 A	Cap & Backfill - P4																																															
S26AS560	Pier - P4	121	15%	36	27-Jun-11 A	02-Nov-11	Pier - P4																																															
P5																																																						
S26AS570	Piling - P5		100%	54	23-May-11 A	23-Jul-11 A	Piling - P5																																															
S26AS580	Cap & Backfill - P5	117	20%	36	04-Aug-11 A	31-Oct-11	Cap & Backfill - P5																																															
S26AS590	Pier - P5	117	0%	36	31-Oct-11	12-Dec-11	Pier - P5																																															
P6																																																						
S26AS222	Piling-P6 Stage 1 (6 no.)	-6	0%	20	09-Jan-12	04-Feb-12	Piling-P6 Stage 1 (6 no.)																																															
S26AS226	Piling-P6 Stage 2 (Remain)	-6	0%	40	04-Feb-12	22-Mar-12	Piling-P6 Stage 2 (Remain)																																															
S26AS232	Cap & Backfill - P6	-5	0%	36	22-Mar-12	09-May-12	Cap & Backfill - P6																																															
S26AS242	Pier-P6	-5	0%	36	09-May-12	21-Jun-12	Pier-P6																																															
North Abutment																																																						
S26AS224	Piling-North Abutment, Stage 1 (12no.)	127	0%	36	12-Oct-11	22-Nov-11	Piling-North Abutment, Stage 1 (12no.)																																															

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																																																																
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																																																		Site Area Possession																																															
SA280000	Site Area SA28 Works Period	-21	41.74%	1216	26-Feb-10 A	03-Sep-13																																																	Site Area Works Period																																															
SA280010	Site Area SA28 Works Completion	-21	0%	0		03-Sep-13*																																																	Site Area Works Completion																																															
SA280030	Temporary Traffic Arrangement (Detail shall refer to supplementary information)	-18	41.56%	983	26-Feb-10 A	03-Sep-13																																																	Temporary Traffic Arrangement																																															
SA280040	Overall Utilities Diversion (Detail shall refer to supplementary information)	-18	41.56%	983	26-Feb-10 A	03-Sep-13																																																	Overall Utilities Diversion																																															
North Bound																																																																																																						
Preliminaries																																																																																																						
S28N0000	Site Clearance/Access Rd		100%	239	26-Feb-10 A	19-Feb-11 A																																																	Site Clearance/Access Rd																																															
S28N0010	Site Clearance (ch 4830-5250)		100%	75	26-Feb-10 A	05-Jun-10 A																																																	Site Clearance (ch 4830-5250)																																															
S28N0020	Site Clearance (ch 5250-5700)		100%	75	17-Apr-10 A	23-Jul-10 A																																																	Site Clearance (ch 5250-5700)																																															
S28N0110	Access Rd (ch 4830-5250)		100%	75	30-Jun-10 A	04-Oct-10 A																																																	Access Rd (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																																																	Prepare Piling Platform for W72B																																															
S28N2020	Pre-drilling for W72B		100%	13	14-Sep-10 A	29-Sep-10 A																																																	Pre-drilling for W72B																																															
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																																																																																																						

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	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 & Surveillance 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)																																																																																			

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Activity ID	Activity Name	Total Float	Activity % Complete	Original Duration	Start	Finish	2011																																															
							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	46	47	48	49	50											
Pier NLKP1																																																						
S28N1200	Gas Main Diversion	33	0%	24	21-Dec-11	20-Jan-12																																																
S28N1232	Piling	-18	0%	48	24-Mar-12	25-May-12																																																
S28N1234	Cap and Pier	-14	0%	56	25-May-12	02-Aug-12																																																
S28N1236	Pile Cap	-14	0%	30	25-May-12	03-Jul-12																																																
S28N1238	Pier	-14	0%	26	03-Jul-12	02-Aug-12																																																
Pier NLKP2																																																						
S28N1254	Piling Work (28shp)		100%	57	20-Sep-10 A	11-Nov-10 A																																																
S28N1259	Pile Cap Construction		100%	46	06-Dec-10 A	10-Feb-11 A																																																
S28N1261	Pier Construction		100%	36	11-Feb-11 A	18-Jul-11 A																																																
Pier NLKP3																																																						
S28N1271	Pre-drilling for Piles		100%	11	11-Sep-10 A	24-Sep-10 A																																																
S28N1272	Confirmation of Founding Level		100%	21	12-Sep-10 A	15-Oct-10 A																																																
S28N1273	Piling Work (24shp)		100%	68	20-Sep-10 A	16-Nov-10 A																																																
S28N1274	Temporary Shoring System		100%	31	17-Nov-10 A	03-Dec-10 A																																																
S28N1275	Excavation to Formation Level		100%	10	06-Dec-10 A	18-Dec-10 A																																																
S28N1276	Pile Head Trimming and bearing plate		100%	11	20-Dec-10 A	24-Dec-10 A																																																
S28N1277	Pile Cap Construction		100%	24	20-Dec-10 A	05-Jan-11 A																																																
S28N1278	Backfilling		100%	30	26-Feb-11 A	01-Apr-11 A																																																
S28N1279	Pier Construction		100%	61	02-Apr-11 A	11-Jun-11 A																																																
Pier NLKP4																																																						
S28N1281	Gas main Diversion		100%	120	13-May-10 A	31-Jul-10 A																																																
S28N1282	Pre-drilling for Piles		100%	9	01-Aug-10 A	14-Aug-10 A																																																
S28N1283	Confirmation of Founding Level		100%	22	16-Aug-10 A	31-Aug-10 A																																																
S28N1284	Piling Work (16shp)		100%	63	01-Sep-10 A	30-Sep-10 A																																																
S28N1285	Temporary Shoring System		100%	44	20-Oct-10 A	23-Oct-10 A																																																
S28N1286	Excavation to Formation Level		100%	7	25-Oct-10 A	28-Oct-10 A																																																
S28N1287	Pile Head Trimming and bearing plate		100%	14	29-Oct-10 A	06-Nov-10 A																																																
S28N1288	Pile Cap Construction		100%	21	08-Nov-10 A	19-Nov-10 A																																																
S28N1289	Backfilling		100%	30	20-Dec-10 A	11-Jan-11 A																																																
S28N1290	Pier Construction		100%	71	02-Feb-11 A	26-Mar-11 A																																																
Pier NLKP5																																																						
S28N1301	Gas main Diversion		100%	120	13-May-10 A	31-Aug-10 A																																																
S28N1302	Pre-drilling for Piles		100%	7	01-Sep-10 A	11-Sep-10 A																																																
S28N1303	Confirmation of Founding Level		100%	14	13-Sep-10 A	25-Sep-10 A																																																
S28N1304	Piling Work (16shp)		100%	62	26-Sep-10 A	19-Oct-10 A																																																
S28N1305	Temporary Shoring System		100%	44	20-Oct-10 A	05-Nov-10 A																																																
S28N1306	Excavation to Formation Level		100%	7	08-Nov-10 A	12-Nov-10 A																																																
S28N1307	Pile Head Trimming and bearing plate		100%	14	15-Nov-10 A	27-Nov-10 A																																																
S28N1308	Pile Cap Construction		100%	21	29-Nov-10 A	11-Dec-10 A																																																
S28N1309	Backfilling		100%	30	13-Dec-10 A	18-Dec-10 A																																																
S28N1310	Pier Construction		100%	74	28-Dec-10 A	28-Mar-11 A																																																
Pier NLKP6																																																						
S28N1321	Gas main Diversion		100%	150	13-May-10 A	10-Nov-10 A																																																
S28N1322	Pre-drilling for Piles		100%	14	21-Jul-10 A	23-Feb-11 A																																																
S28N1323	Confirmation of Founding Level		100%	14	21-Jul-10 A	25-Feb-11 A																																																
S28N1324	Piling Work (23shp)		100%	75	28-Feb-11 A	28-Mar-11 A																																																
S28N1325	Temporary Shoring System		100%	44	26-May-11 A	18-Jul-11 A																																																
S28N1326	Excavation to Formation Level		100%	7	05-May-11 A	23-Jun-11 A																																																
S28N1327	Pile Head Trimming and bearing plate		100%	14	29-Jun-11 A	05-Jul-11 A																																																
S28N1328	Pile Cap Construction		100%	23	28-Jul-11 A	24-Aug-11 A																																																
S28N1329	Backfilling	74	0%	28	26-Sep-11	29-Oct-11																																																
S28N1330	Pier Construction	74	60%	71	12-Sep-11 A	02-Dec-11																																																
Pier NLKP7																																																						
S28N1341	Realignment of Existing slip road		100%	45	19-May-10 A	13-Jul-10 A																																																
S28N1342	Existing Water main Diversion		100%	45	14-Jul-10 A	03-Sep-10 A																																																
S28N1343	Pre-drilling for Piles		100%	7	04-Sep-10 A	18-Sep-10 A																																																
S28N1344	Confirmation of Founding Level		100%	14	13-Sep-10 A	25-Sep-10 A																																																



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Activity ID	Activity Name	Total Float	Activity % Complete	Original Duration	Start	Finish	2011							2012							2013														
							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
S41G	S41G010	Site Clearance		100%	59	27-May-10 A	05-Aug-10 A																												
	S41G020	Site Clearance (Mulching Office Area)		100%	45	27-May-10 A	20-Jul-10 A																												
	S41G030	Site Clearance (Wood Storage Area)		100%	45	12-Jun-10 A	05-Aug-10 A																												
	S41G040	Construction of Mulching Production Yard		100%	60	06-Aug-10 A	18-Oct-10 A																												
	S41G050	Temp Warehouse, Fabrication & Equip Yard (Site allcated for period till 8 May 2012) : Expected production = 900m3	29	29.44%	1260	13-Sep-10 A	02-Mar-14																												
	S41G060	Mulching Production Phase 1 (45m3)		100%	63	13-Sep-10 A	09-Oct-10 A																												
	S41G070	Mulching Production Phase 2 (45m3)		100%	63	21-Dec-10 A	21-Feb-11 A																												
	S41G080	Mulching Production Phase 3 (45m3)		100%	63	20-Feb-11 A	24-Apr-11 A																												
	S41G090	Mulching Production Phase 4 (45m3)		100%	63	24-Apr-11 A	26-Jun-11 A																												
	S41G100	Mulching Production Phase 5 (45m3)		100%	63	27-Jun-11 A	28-Aug-11 A																												
	S41G110	Mulching Production Phase 6 (45m3)	29	44.44%	63	29-Aug-11 A	30-Oct-11																												
	S41G120	Mulching Production Phase 7 (45m3)	29	0%	63	31-Oct-11	01-Jan-12																												
	S41G130	Mulching Production Phase 8 (45m3)	29	0%	63	02-Jan-12	04-Mar-12																												
	S41G140	Mulching Production Phase 9 (45m3)	29	0%	63	05-Mar-12	06-May-12																												
	S41G150	Mulching Production Phase 10 (45m3)	29	0%	63	07-May-12	08-Jul-12																												
	S41G160	Mulching Production Phase 11 (45m3)	29	0%	62	09-Jul-12	08-Sep-12																												
	S41G170	Mulching Production Phase 12 (45m3)	29	0%	60	09-Sep-12	07-Nov-12																												
	S41G180	Mulching Production Phase 13 (45m3)	29	0%	60	08-Nov-12	06-Jan-13																												
	S41G190	Mulching Production Phase 14 (45m3)	29	0%	60	07-Jan-13	07-Mar-13																												
	S41G200	Mulching Production Phase 15 (45m3)	29	0%	60	08-Mar-13	06-May-13																												
	S41G210	Mulching Production Phase 16 (45m3)	29	0%	60	07-May-13	05-Jul-13					</																							

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Activity ID	Activity Name	Total Float	Activity % Complete	Original Duration	Start	Finish	2011												2012												2013																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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							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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											</

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