

Activity ID	Activity Name	Original Duration	Start	Finish	2011																	
					May					June				July				August				
					7	24	01	08	15	22	29	05	12	19	26	03	10	17	24	31	07	14
PRELIMINARES & GENERAL REQUIREMENTS, PROCUREMENT																						
Procurement																						
Contractor's Designs																						
No SUB LOCATION																						
CD-110010	NB Approval In Principle & Detailed Design & ICE	120	12-Mar-10 A	20-May-11																		
CD-110020	NB Design Comments & Approval	90	20-Dec-10 A	20-Jul-11																		
Procurments, Fabrications & Deliveries																						
No SUB LOCATION																						
00-110005	Precast Beam Shop Drawing Submission and Appr...	72	21-Feb-10 A	20-Apr-1...																		
01-110025	Bearing - Order / Fabrication / Delivery	90	11-Apr-10 A	25-May-11																		
00-110000	NB Fabricate & Delivery- Panels	260	21-Jul-11*	04-Jun-12																		
Z1: CH 0 to CH 500: SECT. 1 WORKS																						
Banyan & Banyan West Bridge Construction																						
New Banyan Bridge																						
Foundation Works																						
S1-080060	Demolish exiting pile caps	34	21-Dec-10 A	30-May-11																		
S1-080420	Pier NBP1 - Pile Cap	24	27-Apr-11 A	19-May-11 A																		
S1-080320	Pier NBP1 - Bored Piles, 3 x 1500dia	31	31-May-11	07-Jul-11																		
Pile Cap, Pier and Abutments																						
S1-080410	Abutment South NBAS Abutment	46	08-Jul-11*	30-Aug-11																		
S1-080430	Abutment North NBNA Abutment	46	08-Jul-11*	30-Aug-11																		
S1-080520	Pier NBP1 - Pier	36	08-Jul-11*	18-Aug-11																		
Bridge Deck																						
S1-080610	Abut South NBSA to Pier NBP1 Decking, 44.95m	60	15-Aug-11	26-Oct-11																		
S1-080590	Bridge Bearings NBMJ1 & NBMJ2. 2 nr.	10	19-Aug-11	30-Aug-11																		
New Banyan Bridge West																						
Foundation Works																						
S1-090330	Abutment North NBW Bored Piles, 6 x 1000dia	36	03-Mar-11 A	21-Apr-1...																		
S1-090100	Demolish exiting pile caps	40	12-Apr-11 A	16-Jul-11																		
S1-090310	Abutment South NBW Bored Piles, 6 x 1000dia	36	28-Apr-11 A	12-Jul-11																		
S1-090320	Pier NBWP Bored Piles, 8 x 610dia Pre-Bored H Pi	36	18-Jul-11	27-Aug-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-May-11																		
TCSS Works/Other Utilities																						
S1-180905	Civil prov. works (CPW)- TCSS Pillar Box B	18	21-Jul-11	10-Aug-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	08-Jun-11	28-Jun-11																		
Noise Barrier NB6																						
S1-200060	NB6 Prebored H Piles, 58 nr, L=85m	70	20-May-11	11-Aug-11																		
S1-201060	NB6 Pile Testing	20	12-Aug-11	03-Sep-11																		
Road Lighting/ or High Mast																						
S1-051037	Civil prov. works (CPW)- Lighting Pillar Box P1	18	01-Jun-11*	22-Jun-11																		
S1-203067	Relocate pillar box for high mast HM1-HM10	18	08-Jun-11	28-Jun-11																		
S1-200157	Civil prov. works (CPW)- Lighting Pillar Box P6	18	23-Jun-11	14-Jul-11																		
S1-700050	Cabling works for utilities/Lighting	18	15-Jul-11	04-Aug-11																		
S1-700070	Pillar Box + MCB Board installation	18	05-Aug-11	25-Aug-11																		
South Bound Road and Drain, Ch 300-500																						
TCSS Works/Other Utilities																						
S1-051303	Civil prov. works (CPW)- TCSS Pillar Box A	18	29-Jun-11	20-Jul-11																		
Northbound Work- Ret. Wall, Noise B, Rd																						
RW W1+ NB1+S1, NB2 Ch200-300																						
Retaining Wall W1																						
S1-035016A	Ret. Wall W1(@CSD), base slab	48	21-Jan-11 A	31-May-11																		
S1-035016B	Ret. Wall W1(@CSD), wall stem	48	21-Apr-11 A	11-Jul-11																		
S1-035010A	Retaining Wall W1, excav + base slab	48	12-Jul-11	05-Sep-11																		
S1-035010B	Retaining Wall W1, wall stem + backfill	48	18-Aug-11	15-Oct-11																		
Z2: CH 500 to CH 1100: SECT. 4 WORKS																						
Stage 1: Southbound Work- Ret. Wall, Noise B, Rd																						
NLKRB - Bridge Deck + Noise Barrier																						
Precast Fabrication																						
S4-100190B	Precast Beam Casting 8 nr + 1st stage stressing	50	21-Apr-11 A	20-May-11 A																		
NLKRB - South Abutment																						
Foundation Works																						
S4-100310A	South Abut. NLKR-Bored Piles, 5nrs,	38	09-Dec-10 A	20-May-11																		
S4-100310B	South Abut. NLKR-Bored Piles, 5nrs,	38	14-Jan-11 A	22-Apr-1...																		
Pile Cap, Pier and Abutments																						
S4-100315	South Abut. NLKR- base slab	33	20-May-11	28-Jun-11																		
S4-100325	South Abut. NLKR- abut wall 1st lift	12	29-Jun-11	13-Jul-11																		
S4-100375	South Abut. NLKR- abut wall 2nd lift	12	14-Jul-11	27-Jul-11																		
S4-100330	South Abut. lower wall-handover to MTRCL for OHL	0	28-Jul-11																			
S4-100335	South Abut. - OHL A20655.2& 20656.5 by MTRCL	26	28-Jul-11	26-Aug-11																		
NLKRB - North Abutment																						

Activity ID	Activity Name	Original Duration	Start	Finish	2011																	
					7	24	01	08	15	22	29	05	12	19	26	03	10	17	24	31	07	14
Pile Cap, Pier and Abutments																						
S4-100345	North Abut. NLKR- base slab	33	21-Jan-11 A	28-Jun-11																		
S4-100350	North Abut. NLKR- abut wall 1st lift	12	29-Jun-11	13-Jul-11																		
S4-100355	North Abut. NLKR- abut wall 2nd lift	12	14-Jul-11	27-Jul-11																		
S4-100360	North Abut. NLKR- cantilever slab	24	28-Jul-11	24-Aug-11																		
RW W4-W7+Slope S7+NB15, NB12+Slip Rd L																						
Noise Barrier NB12																						
S4-200110	NB12 temporary works	48	16-Sep-10 A	21-Apr-1...																		
S4-203120A	NB12 pile cap - Bay 9 to 13	28	02-Nov-10 A	21-Apr-1...																		
S4-203120B	NB12 pile cap - Bay 1 to Bay 4	28	02-Nov-10 A	28-Apr-1...																		
S4-203120C	NB12 pile cap - Bay 5 to Bay 8	28	09-Jul-11	10-Aug-11																		
S4-207120	NB12 Structural Steel	28	11-Aug-11	13-Sep-11																		
Noise Barrier NB15																						
S4-200150	NB15 Prebored H Piles, 102 nr	50	29-Jun-11	26-Aug-11																		
Cut Slope S6 and Slip Rd L																						
S1-203065A	Cut slope S6 - excavation	12	20-Dec-10 A	30-May-11																		
S4-208155A	Slip Rd L - Stage 1 + TTA implementation	48	20-May-11	16-Jul-11																		
S1-203065B	Cut slope S6 - drainage/ u channels	6	31-May-11	07-Jun-11																		
S4-208155	Slip Rd L reconstruction - Stage 2	48	11-Aug-11	08-Oct-11																		
Fill Slope S7																						
S4-031070A	Fill Slope S7- backfilling to RW coping level	72	07-May-10 A	10-Jun-11																		
S4-031070B	Fill Slope S7- backfilling to rd level	48	20-Jul-10 A	22-Jun-11																		
S4-031070C	Fill Slope S7- u channels	24	01-Jun-11	29-Jun-11																		
S4-031070D	Fill Slope S7- metal works + hand rails etc.	18	16-Jun-11	07-Jul-11																		
Retaining Wall W7																						
S4-035070C	VO - Gas Main Diversion	72	20-May-11	13-Aug-11																		
S4-035070A	Retaining Wall W7, excav + base slab	28	24-Jun-11	27-Jul-11																		
S4-035070B	Retaining Wall W7, wall stem + backfill	28	09-Jul-11	10-Aug-11																		
Ret. Wall W8 & NB18																						
Noise Barrier NB18																						
S4-207180	NB18 Structural Steel, CH 0 to 317, 106 bays	48	30-Jun-11	25-Aug-11																		
S4-208180	NB18 NB Panels, Type V8, CH 0-317, 106 bay x 3m	36	29-Jul-11	08-Sep-11																		
Retaining Wall W8- near Bridge 11A																						
S4-035081B	RW W8,(nr. B11A) Bay 11->26- base slab	68	15-Mar-10 A	21-Apr-1...																		
S4-035081C	RW W8, (nr. B11A) Bay 11->26 - wall stem	72	05-Apr-10 A	02-Jun-11																		
Retaining Wall W8- near NLKRB																						
S4-035082A	RW W8, (nr. NLKRB) Bay 1->10, temp. work + excav	68	16-Nov-10 A	04-Jun-11																		
S4-035082B	RW W8, (nr. NLKRB) Bay 1->10, base slab	68	11-Dec-10 A	27-Jun-11																		
S4-035082C	RW W8, (nr. NLKRB) Bay 1->10, wall stem	72	20-Jan-11 A	23-Jul-11																		
Retaining Wall W8- Backfilling																						
S4-035085A	RW W8, Backfill-to RW +2m level	72	22-Nov-10 A	15-Jun-11																		
S4-035085B	RW W8, Backfill-to RW coping lvl	24	16-Jun-11	14-Jul-11																		
S4-035085C	RW W8, Backfill- to road level	24	02-Jul-11	29-Jul-11																		
S4-035085D	RW W8, Backfill- u-channel + handrails	24	02-Jul-11	29-Jul-11																		
SB: CH500-1100, Road&Drain+Utilities																						
Road Drainage																						
S4-031140	Road Drainage - pipelayinng + manhole	60	20-May-11	30-Jul-11																		
Firemain																						
S4-031150	Firemain- excav, pipe install+pit/new hydrants	48	20-May-11	16-Jul-11																		
TCSS Works/Other Utilities																						
S4-031142	Civil prov. works (CPW)- TCSS Pillar Box C	18	20-May-11	10-Jun-11																		
S4-031145	TCSS Sign Gantry G64, G63 - footing	24	20-May-11	17-Jun-11																		
S4-031156	Utilities+ TCSS buried ducts + CPW- SC 63/S63	48	20-May-11	16-Jul-11																		
S4-031160	Power supply cable ducts	36	20-May-11	02-Jul-11																		
Road Lighting/ or High Mast																						
S4-031178A	Public Lighting - cabling works	18	20-May-11	10-Jun-11																		
S4-031178	Public lighting - Lamp Pole + Lamps	24	11-Jun-11	09-Jul-11																		
S4-031178B	Public Lighting - power supply connection & test	18	01-Aug-11	20-Aug-11																		
Roadworks																						
S4-031165	Roadworks- subbase+ subsoil drain+gully connect	48	04-Jul-11	27-Aug-11																		
S4-031170	Roadworks - base course to friction course	30	08-Aug-11	10-Sep-11																		
Utilities Diversion at Slip Rd L																						
NWT																						
S4-208155F	NWT - relocation of drawpit (1)	25	20-May-11	18-Jun-11																		
S4-208155G	Slip Rd L reconstruction	36	20-Jun-11	01-Aug-11																		
S4-208155J	NWT - relocation of drawpit (2)	18	02-Aug-11	22-Aug-11																		
Stage 2: Northbound Work- Ret. Wall, Noise B, Rd																						
Noise Barrier NB13, NB16																						
Noise Barrier Foundation Works																						
S4-200160A	Ground Investigation - NB16	48	24-Jun-11	19-Aug-11																		
Retaining Wall W4A & NB13 & Slip Rd M																						
Retaining Wall W4A																						
S4-03504A3	Ground Investigation - RW W4A	36	01-Aug-11	10-Sep-11																		
Z3: CH 1100 to CH 2000: SECT. 4 WORKS																						
Stage 1: Southbound Work- Ret. Wall, Noise B, Rd																						
New Bridge 10A + Noise Barrier																						
Bridge Piling Works																						
S4-110390B	Abutment West 10A Bored Piles- piling	63	10-Dec-10 A	20-May-11																		
S4-110390C	Abutment West 10A Bored Piles pile test	12	20-May-11	02-Jun-11																		
Bridge Pile Cap																						

Activity ID	Activity Name	Original Duration	Start	Finish	2011																	
					May					June				July				August				
					7	24	01	08	15	22	29	05	12	19	26	03	10	17	24	31	07	14
	S4-200190A	NB19 Prebored H Piles, 40 nr	40	18-Jul-11*	01-Sep-11																	
	S4-20019AB	NB19 Bored Piles, 41 nrs	72	08-Aug-11	02-Nov-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																	
Utilities Diversion / Relocation Works																						
HKCG																						
	S4-051263B	HKCG - refurbish valve, CH 1000, NB	24	20-May-11	17-Jun-11																	
	S4-051263A	HKCG- relocation of cathodic pit, CH 1300, NB	14	01-Jun-11	17-Jun-11																	
Z4: CH 2000 to CH 2400: SECT. 2 WORKS																						
Permits/License /TTA+ Initial Works																						
Initial Works																						
No SUB LOCATION																						
	S2-000160	Tree Felling	48	20-Feb-10 A	19-May-11 A																	
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	25-May-11	29-Jun-11																	
Retaining Wall W21, W22, W23																						
	S2-035221C	RW21,W22, 23 - wall stem + backfill	72	20-Nov-10 A	24-May-11																	
Retaining Wall W24 to W28 & Slope S17																						
Cut Slope S17																						
	S2-031170	Slope S17 (SB)	60	12-Aug-11	24-Oct-11																	
Retaining Wall W27																						
	S2-035270B	Retaining Wall W27, wall stem + backfill	72	01-Dec-10 A	02-Jul-11																	
Retaining Wall W28																						
	S2-035280	Bored Pile Ret. Wall W28, 9 x 2200dia	60	10-Jan-11 A	09-Jul-11																	
	S2-035281	RW W28, Capping Beam & Skin Wall	48	11-Jul-11	03-Sep-11																	
SB Road & Drain, Ch 2000-2200, L=200m																						
Road Drainage																						
	S2-031275	Road Drainage - pipelaying + manhole	36	18-Jun-11	30-Jul-11																	
Firemain																						
	S2-031285	Firemain- excav, pipe install+pit/new hydrants	24	18-Jun-11	16-Jul-11																	
TCSS Works/Other Utilities																						
	S2-031290	Utilities +TCSS buried ducts + civil prov. works	24	18-Jun-11	16-Jul-11																	
	S2-031295	Power supply cable ducts	18	18-Jun-11	09-Jul-11																	
Roadworks																						
	S2-031300	Roadworks- subbase+ subsoil drain+gully connect	24	25-Jul-11	20-Aug-11																	
	S2-031305	Roadworks - base course to friction course	18	15-Aug-11	03-Sep-11																	
Cut Slope S14																						
No SUB LOCATION																						
	S2-031140E	Cut Slope S14- drainage + handrails	48	02-Nov-10 A	18-Jun-11																	
	S2-031140C	Cut Slope S14- excavation, +55 down to + 50mpd	42	28-Dec-10 A	26-May-11																	
	S2-031140D	Cut Slope S14- excavation, +50 down to + 48mpd	41	18-Feb-11 A	04-Jun-11																	
Stage 1B: Northbound- S15-S19, RW31-33, Rd/Dr																						
Retaining Wall W30, W31, W32(Piled), W33																						
Retaining Wall W31,32, 33																						
	S2-035325A	RW W31,W32,33 - temporary works+excav	72	01-Jun-10 A	21-Apr-1...																	

Activity ID	Activity Name	Original Duration	Start	Finish	2011																		
							May			June			July				August						
					7	24	01	08	15	22	29	05	12	19	26	03	10	17	24	31	07	14	
Stage 2A: Southbound- S17, RW 29-34, NB27-29																							
Noise Barrier NB27, NB29																							
Noise Barrier NB27																							
S2-000185E	Ground Investigation - NB27	36	20-May-11	02-Jul-11																			
S2-201270	NB27 Prebored H Piles, 146 nr	48	04-Jul-11	27-Aug-11																			
Noise Barrier NB29																							
S2-035355	NB29 Footings, L=88m	36	08-Aug-11	19-Sep-11																			
Retaining Wall, W29 & NB27(@W29)																							
Retaining Wall W29A																							
S2-000185D	Ground Investigation - Ret.Wall W29, W34	36	20-May-11	02-Jul-11																			
S2-03529A	Bored Pile RW W29A, 24 x 2000-2500dia	60	04-Jul-11	10-Sep-11																			
Retaining Wall W29B																							
S2-03529B	RW W29B, Prebored H-Pile 3 bay, 24 nr x 35-36mL	48	02-Jul-11	26-Aug-11																			
Retaining Wall W34A/W34B																							
S2-035360	RW W34A, Pre bored H-Pile 10nr, 1 bay	18	02-Jul-11	22-Jul-11																			
S2-035375A	RW W34A, excav + base slab	12	23-Jul-11	05-Aug-11																			
S2-035375B	RW W34A, wall stem + backfill	12	06-Aug-11	19-Aug-11																			
Stage 3: Central Median- NB26, NB29 +Road&Drain																							
CM: NB26 & NB28 L=400m & Road&Drain+Utilities																							
Noise Barrier Foundation Works																							
S2-208295C	TTA- Divert Traffic to SB-S14&B10A	24	17-Aug-11	14-Sep-11																			
Stage 2B: Northbound- NB25																							
Noise Barrier NB25																							
No SUB LOCATION																							
S4-203250	NB25 NB Footing and plinth, 3 & 4 mW x 60mL	60	18-Jun-11	27-Aug-11																			
Utilities Diversion / Relocation Works																							
HKCG																							
S4-203250A	HKCG- relocation of cathodic pit, CH 2000, NB	24	18-Jun-11	16-Jul-11																			
Z6: TCSS IN PORTION SA11: SECT. 4 WORKS																							
TCSS Works																							
TCSSWorks in Portion SA11																							
No SUB LOCATION																							
S?-100015	Civil+E&M Prov. - G76 modification	24	20-May-11	17-Jun-11																			
S?-100020	Civil+E&M Prov. - G11 new footing	48	20-May-11	16-Jul-11																			
S?-100025	Civil+E&M Prov. - G75 mod. + SC11/S11	48	06-Jul-11	30-Aug-11																			
S?-100030	Civil+E&M Prov. - P11, footing	24	19-Aug-11	16-Sep-11																			

HY/2009/08 TOLO HIGHWAY WIDENING

EXECUTIVE SUMMARY

Design

A1330	Alternative Design		100%	292	29-Mar-10 A	14-Jan-11 A		
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Construction

Section 1

A1000	SA21 - North Bound	113	0%	653	15-Oct-10 A	04-Mar-13	15-Oct-10	25-Jun-...
A1010	SA21 - South Bound	76	15.72%	814	15-Oct-10 A	11-Jan-13	15-Oct-10	28-Mar-...
A1020	SA21 - Middle Lane	60	0%	537	07-Nov-11	27-Apr-13	05-Dec-11	25-Jun-...

Section 2

A1030	SA22 - North Bound	26	18.8%	1016	26-Feb-10 A	30-May-13	26-Feb-10	25-Jun-...
A1040	SA22 - South Bound	48	24.01%	1037	01-Apr-10 A	23-Apr-13	01-Apr-10	10-Jun-...
A1050	SA22 - Middle Lane	-5	0%	151	08-Feb-13	09-Jul-13	04-Feb-13	03-Jul-13
A1060	SA23 - South Bound	0	0%	784	12-May-11	03-Jul-13	17-Oct-11	03-Jul-13
A1070	SA24 - North Bound	0	0%	787	25-Aug-10 A	03-Jul-13	25-Aug-10	03-Jul-13
A1080	SA25 - South Bound	71	0%	777	20-Oct-10 A	23-Apr-13	20-Oct-10	03-Jul-13
A1090	SA26 - North Bound	9	30.13%	1216	26-Feb-10 A	24-Jun-13	26-Feb-10	03-Jul-13
A1100	SA26 - South Bound	0	29.36%	1216	26-Feb-10 A	03-Jul-13	26-Feb-10	03-Jul-13

Section 3

A1110	SA26A - North Bound	-3	23.99%	1191	26-Feb-10 A	19-Aug-13	26-Feb-10	15-Aug-...
A1120	SA26A - South Bound	68	5.12%	879	26-Feb-10 A	08-Jun-13	26-Feb-10	15-Aug-...
A1130	SA26A - North & South Bound	65	0%	612	26-Feb-11	29-Oct-12	02-Mar-11	02-Jan-...
A1140	SA27 - South Bound	100	37.8%	826	27-Mar-10 A	23-Jul-12	27-Mar-10	31-Oct-12

Section 4

A1150	SA28 - North Bound	-2	27.47%	1216	26-Feb-10 A	26-Jul-13	26-Feb-10	24-Jul-13
A1160	SA28 - South Bound	2	20.11%	1099	23-Jun-10 A	22-Jul-13	23-Jun-10	24-Jul-13
A1170	SA29 - North Bound	85	12.54%	909	26-Jan-11 A	30-Apr-13	26-Jan-11	24-Jul-13
A1180	SA32 - Roadside FVMS	44	0%	265	26-Feb-11	17-Nov-11	10-Mar-11	31-Dec-...

Section 5

A1190	SA31 - South Bound	0	41.29%	884	26-Feb-10 A	28-Jul-12	26-Feb-10	28-Jul-12
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Section 7

A1200	SA41 - Site Office	0	23.09%	1581	26-Feb-10 A	25-Jun-14	26-Feb-10	25-Jun-...
A1210	SA42 - Temporary Contractor's Works Area	0	23.14%	1582	25-Feb-10 A	25-Jun-14	25-Jun-14	25-Jun-...

Section 15 (Subject to Excision, Engineer may instruct within 819 days)

A1220	Validity Period	763	44.69%	819	26-Feb-10 A	23-May-12	30-Mar-13	25-Jun-...
A1230	SA30 - North Bound	7	0%	354	25-May-12	13-May-13	25-May-12	20-May-...
A1240	SA30 - South Bound	0	0%	122	06-Dec-12	06-Apr-13	06-Dec-12	06-Apr-13
A1250	SA30 - Middle Lane	0	0%	119	27-Feb-13	25-Jun-13	27-Feb-13	25-Jun-...

Section 16 (Subject to Excision, Engineer may instruct within 819 days)

A1260	Validity Period	763	44.69%	819	26-Feb-10 A	23-May-12	30-Mar-13	25-Jun-...
A1270	SA30 - North Bound	0	0%	303	24-May-12	22-Mar-13*	24-May-12	22-Mar-...
A1280	SA30 - South Bound	0	0%	190	18-Dec-12	25-Jun-13	18-Dec-12	25-Jun-...
A1290	SA30A - North Bound	0	0%	398	24-May-12	25-Jun-13	24-May-12	25-Jun-...

Section 17 (Subject to Excision, Engineer may instruct within 819 days)

A1300	Validity Period	763	44.69%	819	26-Feb-10 A	23-May-12	30-Mar-13	25-Jun-...
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Ref.: GCD/J3318/IWP/01 Date: 26 Apr 10			
Date	Revision	Chec...	Approved
23-Aug-...	Detailed Works Programme	HT	WY
11-Oct-10	Detailed Works Programm...	ZJ	WY
30-Dec-...	Updated Works Program, 2...	ZJ	WY

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Activity ID	Activity Name	Total Float	Activity % Complete	Original Duration	Start	Finish	Late Start	Late Finish	2010				2011				2012				2013																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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Activity ID	Activity Name	Total Float	Activity % Complete	Original Duration	Start	Finish	Late Start	Late Finish	2010												2011												2012												2013																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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Activity ID		Activity Name	Total Float	Activity % Complete	Original Duration	Start	Finish	Late Start	Late Finish	2010				2011				2012				2013																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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	S22S2130	Excavate to cut-off level	75	30%	60	05-Jan-11 A	16-Apr-11	01-Jun-11	21-Jul-11																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													

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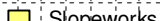
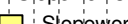
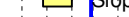
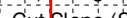
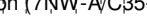
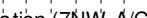
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Activity ID	Activity Name	Total Float	Activity % Complete	Original Duration	Start	Finish	Late Start	Late Finish	2010				2011				2012				2013											
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									2	3	4	5	6	7	8	9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
S26AN010	Site Clearance		100%	60	26-Feb-10 A	12-May-10 A	09-Mar-11	09-Mar...																								
S26AN020	Access Rd		100%	60	07-Apr-10 A	18-Jun-10 A	09-Mar-11	09-Mar...																								
Slopeworks																																
S26AN510	Fill Slope (S37A-sn)	275	0%	49	28-Sep-11	25-Nov-11	01-Sep-12	31-Oct-12																								
S26AN520	Cut Slope (S40-sn, Including removal of existing retaining wall)		100%	168	19-Jun-10 A	08-Jan-11 A																										
S26AN5211	Slopeworks Cut(S40) - Stage 1 (Cut Slope and Erect Scaffolding)		100%	11	19-Jun-10 A	16-Jul-10 A	09-Mar-11	09-Mar...																								
S26AN5212	Slopeworks Cut(S40) - Stage 1 (Soil Nail Installation : QRST) 119nos.		100%	11	19-Jul-10 A	18-Aug-10 A	09-Mar-11	09-Mar...																								
S26AN5221	Slopeworks Cut(S40) - Stage 2 (Cut Slope and Erect Scaffolding)		100%	14	19-Aug-10 A	17-Sep-10 A	09-Mar-11	09-Mar...																								
S26AN5222	Slopeworks Cut(S40) - Stage 2 (Soil Nail Installation : MNOP) 149nos.		100%	14	21-Nov-10 A	26-Dec-10 A	09-Mar-11	09-Mar...																								
S26AN5231	Slopeworks Cut(S40) - Stage 3 (Cut Slope and Erect Scaffolding)		100%	17	18-Aug-10 A	17-Sep-10 A	09-Mar-11	09-Mar...																								
S26AN5232	Slopeworks Cut(S40) - Stage 3 (Soil Nail Installation : IJKL) 176nos.		100%	17	27-Dec-10 A	01-Feb-11 A	09-Mar-11	09-Mar...																								
S26AN5241	Slopeworks Cut(S40) - Stage 4 (Cut Slope and Erect Scaffolding)	9	90%	12	11-Oct-10 A	28-Feb-11	09-Mar-11	10-Mar...																								
S26AN5242	Slopeworks Cut(S40) - Stage 4 (Soil Nail Installation : EFGH) 129nos.	9	30%	12	02-Feb-11 A	09-Mar-11	10-Mar-11	19-Mar...																								
S26AN5251	Slopeworks Cut(S40) - Stage 5 (Cut Slope and Erect Scaffolding)	9	0%	15	09-Mar-11	26-Mar-11	19-Mar-11	07-Apr-11																								
S26AN5252	Slopeworks Cut(S40) - Stage 5 (Soil Nail Installation : ABCD) 155nos.	9	0%	11	26-Mar-11	09-Apr-11	07-Apr-11	20-Apr-11																								
S26AN5260	Removal of Existing Retaining Wall	9	0%	30	09-Apr-11	20-May-11	21-Apr-11	31-May...																								
S26AN530	Cut Slope (S41-sn)	142	53.04%	138	19-Jun-10 A	19-May-11	19-Jun-10	07-Nov...																								
S26AN531	Cut Slope (S41-sn) - Stage 1 (Cut Slope and Erect Scaffolding)		100%	11	19-Jun-10 A	16-Jul-10 A	20-Aug-11	20-Aug...																								
S26AN532	Cut Slope (S41-sn) - Stage 1 (Soil Nail Installation : MNOPQ) 139nos.		100%	11	19-Jul-10 A	13-Aug-10 A	20-Aug-11	20-Aug...																								
S26AN533	Cut Slope (S41-sn) - Stage 2 (Cut Slope and Erect Scaffolding)		100%	26	23-Aug-10 A	17-Sep-10 A	20-Aug-11	20-Aug...																								
S26AN534	Cut Slope (S41-sn) - Stage 2 (Soil Nail Installation : IJKL) 323nos.	142	20%	26	01-Nov-10 A	22-Mar-11	20-Aug-11	14-Sep...																								
S26AN535	Cut Slope (S41-sn) - Stage 3 (Cut Slope and Erect Scaffolding)		100%	20	20-Sep-10 A	27-Nov-10 A	15-Sep-11	15-Sep...																								
S26AN536	Cut Slope (S41-sn) - Stage 3 (Soil Nail Installation : EFGH) 241nos.	142	0%	20	22-Mar-11	15-Apr-11	15-Sep-11	10-Oct-11																								
S26AN537	Cut Slope (S41-sn) - Stage 4 (Cut Slope and Erect Scaffolding)	142	0%	12	15-Apr-11	04-May-11	11-Oct-11	24-Oct-11																								
S26AN538	Cut Slope (S41-sn) - Stage 4 (Soil Nail Installation : ABCD) 145nos.	142	0%	12	04-May-11	19-May-11	25-Oct-11	07-Nov...																								
S26AN540	Slope 7NW-B/C 349		100%	75	02-Oct-10 A	25-Nov-10 A																										
S26AN541	Erect Scaffolding & Soil Nail Installation (7NW-B/C 349) - Stage 1 (EF) 52nos.		100%	15	02-Oct-10 A	19-Oct-10 A	01-Nov-12	01-Nov...																								
S26AN542	Erect Scaffolding & Soil Nail Installation (7NW-B/C 349) - Stage 2 (ABCD) 270nos.		100%	72	20-Oct-10 A	25-Nov-10 A	01-Nov-12	01-Nov...																								
S26AN550	Slope 7NW-A/C35-sn		100%	200	01-Sep-10 A	20-Nov-10 A																										
S26AN551	Erect Scaffolding & Soil Nail Installation (7NW-A/C35-sn) - Stage 1 (OP) 25nos.		100%	10	01-Sep-10 A	11-Sep-10 A	25-Jun-11	25-Jun...																								
S26AN552	Erect Scaffolding & Soil Nail Installation (7NW-A/C35-sn) - Stage 2 (KLMN) 285nos.		100%	40	13-Sep-10 A	19-Oct-10 A	25-Jun-11	25-Jun...																								
S26AN553	Erect Scaffolding & Soil Nail Installation (7NW-A/C35-sn) - Stage 3 (GHIJ) 370nos.		100%	57	30-Sep-10 A	19-Oct-10 A	25-Jun-11	25-Jun...																								
S26AN554	Erect Scaffolding & Soil Nail Installation (7NW-A/C35-sn) - Stage 4 (CDEF) 407nos.		100%	62	20-Oct-10 A	19-Nov-10 A	25-Jun-11	25-Jun...																								
S26AN555	Erect Scaffolding & Soil Nail Installation (7NW-A/C35-sn) - Stage 5 (AB) 204nos.		100%	31	01-Nov-10 A	20-Nov-10 A	25-Jun-11	25-Jun...																								
S26AN560	Slope 7NW-A/CR39	95	77.5%	80	22-Nov-10 A	18-Mar-11	22-Nov-10	16-Jul-11																								
S26AN561	Erect Scaffolding & Soil Nail Installation (7NW-A/CR39) - Stage 1 (JK) 28nos.		100%	10	22-Nov-10 A	15-Dec-10 A	25-Jun-11	25-Jun...																								
S26AN562	Erect Scaffolding & Soil Nail Installation (7NW-A/CR39) - Stage 2 (DEFGHI) 162nos.		100%	40	16-Dec-10 A	25-Feb-11 A	25-Jun-11	25-Jun...																								
S26AN563	Erect Scaffolding & Soil Nail Installation (7NW-A/CR39) - Stage 3 (ABC) 109nos.	95	40%	30	22-Feb-11 A	18-Mar-11	25-Jun-11	16-Jul-11																								
S26AN700	Debris Catcher Fence and NTHA Protective Measures (Area 6-2) [Provisional Item]	365	0%	80	15-Feb-12	23-May-12	11-May-13	15-Aug...																								
S26AN710	Site Access to Hazard Rock Areas	365	0%	40	15-Feb-12	31-Mar-12	11-May-13	28-Jun...																								
S26AN720	Installation of Rock Fall Fence	365	0%	40	02-Apr-12	23-May-12	29-Jun-13	15-Aug...																								
S26AN800	Debris Catcher Fence and NTHA Protective Measures (Area 5) [Provisional Item]	365	0%	80	15-Feb-12	23-May-12	11-May-13	15-Aug...																								
S26AN810	Site Access to Hazard Rock Areas	365	0%	40	15-Feb-12	31-Mar-12	11-May-13	28-Jun...																								
S26AN820	Installation of Rock Fall Fence	365	0%	40	02-Apr-12	23-May-12	29-Jun-13	15-Aug...																								
S26AN900	Debris Catcher Fence and NTHA Protective Measures (Area 6-1) [Provisional Item]	295	0%	150	15-Feb-12	16-Aug-12	09-Feb-13	15-Aug...																								
S26AN910	Site Access to Hazard Rock Areas	295	0%	75	15-Feb-12	17-May-12	09-Feb-13	16-May...																								

Activity ID	Activity Name	Total Float	Activity % Complete	Original Duration	Start	Finish	Late Start	Late Finish	2010				2011				2012				2013																			
									Q2		Q3		Q4		Q1		Q2		Q3		Q4		Q1		Q2		Q3		Q4											
									2	3	4	5	6	7	8	9	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3	3	3	4	4	4
S26AN920	Installation of Rock Fall Fence	295	0%	75	18-May-12	16-Aug-12	18-May-13	15-Aug...	Installation of Rock Fall Fence																															
Construction of Retaining Wall																																								
Retaining Wall W65C (w/SP)																																								
S26AN100	Sheet Pile/Excavate & Construct W65C (w/SP)	275	0%	174	26-Feb-11	27-Sep-11	02-Feb-12	31-Aug...	Sheet Pile/Excavate & Construct W65C (w/SP)																															
S26AN101	Sheet Pile and Excavation	275	0%	48	26-Feb-11	27-Apr-11	02-Feb-12	28-Mar...	Sheet Pile and Excavation																															
S26AN102	Construction of Structure W65C	275	0%	72	04-Jun-11	29-Aug-11	09-May-12	03-Aug...	Construction of Structure W65C																															
S26AN103	Backfilling	275	0%	24	30-Aug-11	27-Sep-11	04-Aug-12	31-Aug...	Backfilling																															
Retaining Wall W68 (w/SP)																																								
S26AN120	Sheet Pile/Excavate & Construct W68 (w/SP)	142	0%	99	15-Nov-10 A	29-Jun-11	15-Nov-10	16-Dec...	Sheet Pile/Excavate & Construct W68 (w/SP)																															
S26AN121	Sheet Pile and Excavation		100%	19	15-Nov-10 A	04-Dec-10 A	08-Nov-11	08-Nov...	Sheet Pile and Excavation																															
S26AN122	Construction of Structure W68	142	0%	24	19-May-11	17-Jun-11	08-Nov-11	05-Dec...	Construction of Structure W68																															
S26AN123	Backfilling	142	0%	10	17-Jun-11	29-Jun-11	06-Dec-11	16-Dec...	Backfilling																															
Retaining Wall W69 on Mini-Piles (AD)																																								
S26AN142	Prepare Piling Platform for W69		100%	24	21-Sep-10 A	10-Oct-10 A	12-May-11	12-May...	Prepare Piling Platform for W69																															
S26AN144	Pre-drilling for W69		100%	24	10-Sep-10 A	10-Oct-10 A	12-May-11	12-May...	Pre-drilling for W69																															
S26AN146	Pipe Pile for W69		100%	77	20-Oct-10 A	24-Dec-10 A			Pipe Pile for W69																															
S26AN147	Pipe Pile for W69 - Stage 1 (south)		100%	38	20-Oct-10 A	19-Nov-10 A	12-May-11	12-May...	Pipe Pile for W69 - Stage 1 (south)																															
S26AN148	Pipe Pile for W69 - Stage 2 (north)		100%	26	20-Nov-10 A	19-Dec-10 A	12-May-11	12-May...	Pipe Pile for W69 - Stage 2 (north)																															
S26AN149	Excavate and Tension Piles W69	58	0%	110	26-Feb-11	13-Jul-11	12-May-11	20-Sep...	Excavate and Tension Piles W69																															
S26AN150	Excavation and Installation of Tension Piles - Stage 1 (south)	58	0%	55	26-Feb-11	06-May-11	12-May-11	16-Jul-11	Excavation and Installation of Tension Piles - Stage 1 (south)																															
S26AN151	Excavation and Installation of Tension Piles - Stage 2 (north)	58	0%	55	07-May-11	13-Jul-11	18-Jul-11	20-Sep...	Excavation and Installation of Tension Piles - Stage 2 (north)																															
S26AN152	Retaining Wall & Drainage W69	58	0%	73	14-Jul-11	10-Oct-11	21-Sep-11	16-Dec...	Retaining Wall & Drainage W69																															
S26AN153	Construction of Structure W69	58	0%	42	14-Jul-11	31-Aug-11	21-Sep-11	10-Nov...	Construction of Structure W69																															
S26AN154	Drainage	58	0%	24	01-Sep-11	29-Sep-11	11-Nov-11	08-Dec...	Drainage																															
S26AN155	Backfilling	58	0%	18	17-Sep-11	10-Oct-11	26-Nov-11	16-Dec...	Backfilling																															
Retaining Wall W70 (w/SP)																																								
S26AN170	Sheet Pile/Excavate & Construct W70 (w/SP)	76	0%	165	03-Dec-10 A	16-Sep-11	03-Dec-10	16-Dec...	Sheet Pile/Excavate & Construct W70 (w/SP)																															
S26AN171	Sheet Pile and Excavation		100%	18	03-Dec-10 A	14-Dec-10 A	25-Oct-11	25-Oct-11	Sheet Pile and Excavation																															
S26AN172	Construction of Structure W70 (w/SP)	76	0%	36	25-Jul-11	03-Sep-11	25-Oct-11	05-Dec...	Construction of Structure W70 (w/SP)																															
S26AN173	Backfilling	76	0%	10	05-Sep-11	16-Sep-11	06-Dec-11	16-Dec...	Backfilling																															
Retaining Wall W72A (w/SP)																																								
S26AN190	Sheet Pile/Excavate & Construct W72A (w/SP)	49	51.2%	92	30-Oct-10 A	20-Apr-11	30-Oct-10	23-Jun...	Sheet Pile/Excavate & Construct W72A (w/SP)																															
S26AN191	Sheet Pile and Excavation		100%	34	30-Oct-10 A	31-Jan-11 A	01-Jun-11	01-Jun...	Sheet Pile and Excavation																															
S26AN192	Construction of Structure W72A (w/SP)	49	85%	46	03-Jan-11 A	06-Apr-11	01-Jun-11	09-Jun...	Construction of Structure W72A (w/SP)																															
S26AN193	Backfilling	49	0%	12	06-Apr-11	20-Apr-11	10-Jun-11	23-Jun...	Backfilling																															
Roadworks, Drainage & Utilities																																								
S26AN400	Roadworks, Drainages & Utilities	7	0%	229	29-Oct-12	08-Aug-13	01-Nov-12	15-Aug...	Roadworks, Drainages & Utilities																															
S26AN402	Utilities - Stage 1	3	0%	50	29-Oct-12	28-Dec-12	01-Nov-12	31-Dec...	Utilities - Stage 1																															
S26AN405	Drainages - Stage 1	3	0%	50	29-Oct-12	28-Dec-12	01-Nov-12	31-Dec...	Drainages - Stage 1																															
S26AN407	Road Surface - Stage 1	3	0%	50	28-Dec-12	01-Mar-13	02-Jan-13	04-Mar...	Road Surface - Stage 1																															
S26AN408	Roadmark and Lane Shifting - Stage 1	7	0%	50	12-Jan-13	15-Mar-13	21-Jan-13	22-Mar...	Roadmark and Lane S																															
S26AN410	Utilities - Stage 2	7	0%	50	15-Mar-13	20-May-13	23-Mar-13	27-May...	Utilities - Stage 2																															
S26AN412	Drainages - Stage 2	7	0%	50	10-Apr-13	10-Jun-13	18-Apr-13	18-Jun...	Drainages - Sta																															
S26AN414	Road Surface - Stage 2	7	0%	50	02-May-13	03-Jul-13	10-May-13	10-Jul-13	Road Surface																															
S26AN416	Roadmark and Lane Shifting - Stage 2	7	0%	31	03-Jul-13	08-Aug-13	11-Jul-13	15-Aug...	Roadmark																															
S26AN420	Slip Road Q (At W65C)	236	0%	75	30-Jul-12	29-Oct-12	18-May-13	15-Aug...	Slip Road Q (At W65C)																															
S26AN430	Slip Road R (From W72A to W73) Stage 1	3	0%	46	21-Jun-11	13-Aug-11	24-Jun-11	17-Aug...	Slip Road R (From W72A to W73) Stage 1																															
S26AN435	Slip Road R (From W70 to B18A) Stage 2	3	0%	188	11-Oct-11	30-May-12	17-Dec-11	02-Jun...	Slip Road R (From W70 to B18A) Stage 2																															
S26AN436	Slip Road R (From W70 to B18A) Stage 2.1, formation	58	0%	43	11-Oct-11	29-Nov-11	17-Dec-11	11-Feb...	Slip Road R (From W70 to B18A) Stage 2.1, formation																															
S26AN437	Slip Road R (From W70 to B18A) Stage 2.2, Drainage&utilities	58	0%	45	30-Nov-11	27-Jan-12	13-Feb-12	05-Apr-12	Slip Road R (From W70 to B18A) Stage 2.2, Drainage&ut																															
S26AN438	Slip Road R (From W70 to B18A) Stage 2.3, pavement & roadworks	3	0%	45	02-Apr-12	30-May-12	10-Apr-12	02-Jun...	Slip Road R (From W70 to B18A) Stage 2.3, pa																															
S26AN440	Slip Road J (Under Bridge 15A)	-2	0%	50	23-Mar-11	27-May-11	21-Mar-11	24-May...	Slip Road J (Under Bridge 15A)																															
Noise Barriers & Road Barriers																																								
S26AN300	Construct Beam Barrier	3	0%	138	23-Feb-13	13-Aug-13	27-Feb-13	15-Aug...	Construct																															
S26AN310	Erection of Short Column	3	0%	69	23-Feb-13	22-May-13	27-Feb-13	24-May...	Erection of Short																															
S26AN320	Installation of M-Barrier	3	0%	69	22-May-13	13-Aug-13	25-May-13	15-Aug...	Installatio																															
Traffic Control & Survelance System																																								
S26AN480	TCSS	59	0%	75	04-Mar-13	06-Jun-13	18-May-13	15-Aug...	TCSS																															

23		J3318-UPDATE 2011-02										28-Feb-11 16:35																		
Activity ID	Activity Name	Total Float	Activity % Complete	Original Duration	Start	Finish	Late Start	Late Finish	2010				2011				2012				2013									
									Q2		Q3		Q4		Q1		Q2		Q3		Q4		Q1		Q2		Q3		Q4	
									2	3	4	5	6	7	8	9	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Modification of Existing Bridge																														
S26AN200	Modification of Existing Bridge 15	-2	0%	137	10-Dec-12	01-Jun-13	07-Dec-12	29-May...																	Modification of Existing Bridge 15					
S26AN210	Demolish of Central Barrier	-2	0%	66	10-Dec-12	04-Mar-13	07-Dec-12	28-Feb...																	Demolish of Central Barrier					
S26AN220	Raising of Concrete Edge	-2	0%	71	04-Mar-13	01-Jun-13	01-Mar-13	29-May...																	Raising of Concrete Edge					
Road Resurfacing & Line Marking																														
S26AN490	Resurfacing/Line Marking North Lane SA26A	-2	0%	136	04-Mar-13	19-Aug-13	01-Mar-13	15-Aug...																	Resurfacing/Line Marking North Lane SA26A					
S26AN491	Resurfacing	-2	0%	70	04-Mar-13	31-May-13	01-Mar-13	28-May...																	Resurfacing					
S26AN492	Line Marking	-2	0%	66	31-May-13	19-Aug-13	29-May-13	15-Aug...																	Line Marking					
Landscaping																														
S26AN600	Landscaping Works	60	0%	300	31-May-12	04-Jun-13	11-Aug-12	15-Aug...																	Landscaping Works					
S26AN610	Landscaping Works - Stage 1	60	0%	75	31-May-12	28-Aug-12	11-Aug-12	09-Nov...																	Landscaping Works - Stage 1					
S26AN620	Landscaping Works - Stage 2	60	0%	75	29-Aug-12	27-Nov-12	10-Nov-12	08-Feb...																	Landscaping Works - Stage 2					
S26AN630	Landscaping Works - Stage 3	60	0%	75	28-Nov-12	01-Mar-13	09-Feb-13	16-May...																	Landscaping Works - Stage 3					
S26AN640	Landscaping Works - Stage 4	60	0%	75	02-Mar-13	04-Jun-13	18-May-13	15-Aug...																	Landscaping Works - Stage 4					
South Bound																														
Preliminaries																														
S26AS000	Site Clearance/Access Rd		100%	164	26-Feb-10 A	14-Sep-10 A																			Site Clearance/Access Rd					
S26AS010	Site Clearance		100%	75	26-Feb-10 A	18-Jun-10 A	26-Jun-14	26-Jun...																	Site Clearance					
S26AS020	Access Road		100%	75	31-May-10 A	14-Sep-10 A	26-Jun-14	26-Jun...																	Access Road					
Slopeworks																														
S26AS510	Slope Reinstatement Works (Bridge 15A)	114	0%	175	24-Aug-12	27-Mar-13	11-Jan-13	15-Aug...																	Slope Reinstatement Works (Bridge 15A)					
S26AS520	Soil Nail Installation - Stage 1 (Upper)	114	0%	72	24-Aug-12	20-Nov-12	11-Jan-13	12-Apr-13																	Soil Nail Installation - Stage 1 (Upper)					
S26AS530	Soil Nail Installation - Stage 2 (Lower)	114	0%	72	20-Nov-12	19-Feb-13	13-Apr-13	10-Jul-13																	Soil Nail Installation - Stage 2 (Lower)					
S26AS540	Slope Surface Treatment	114	0%	31	19-Feb-13	27-Mar-13	11-Jul-13	15-Aug...																	Slope Surface Treatment					
Construction of Retaining Wall																														
Retaining Wall W65A																														
S27S1000	Sheet Pile/Excavate & Construct W65A	4	22.35%	83	24-Nov-10 A	19-May-11	24-Nov-10	24-May...																	Sheet Pile/Excavate & Construct W65A					
S27S1001	Sheet Pile & Excavation	4	50%	32	24-Nov-10 A	16-Mar-11	03-Mar-11	21-Mar...																	Sheet Pile & Excavation					
S27S1002	Construction of Structure W65A and Backfilling	4	5%	51	27-Nov-10 A	19-May-11	22-Mar-11	24-May...																	Construction of Structure W65A and Backfilling					
Retaining Wall W65B, (CSD 1)																														
S27S1040	WSD 1220 dia Diversion	3	0%	36	26-Feb-11	09-Apr-11	02-Mar-11	13-Apr-11																	WSD 1220 dia Diversion					
S27S1042	HyD Lighting relocation	3	0%	36	26-Feb-11	09-Apr-11	02-Mar-11	13-Apr-11																	HyD Lighting relocation					
S27S1044	Relocaltion of Existing Electric Poles, CLP	-2	0%	24	26-Feb-11	25-Mar-11	23-Feb-11	23-Mar...																	Relocaltion of Existing Electric Poles, CLP					
S27S1050	Excavate to cut-off level	-2	66%	42	15-Oct-10 A	13-Apr-11	23-Mar-11	09-Apr-11																	Excavate to cut-off level					
S27S1060	Capping/Walling for W65B	3	0%	42	13-Apr-11	08-Jun-11	16-Apr-11	10-Jun...																	Capping/Walling for W65B					
S27S1070	Backfilling	3	0%	38	12-May-11	27-Jun-11	16-May-11	29-Jun...																	Backfilling					
Roadworks, Drainage & Utilities																														
S26AS400	Roadworks, Drainages & Utilities (ch4080-ch4520)	111	0%	449	27-Jun-11	28-Dec-12	30-Jun-11	16-May...																	Roadworks, Drainages & Utilities (ch4080-ch4520)					
S26AS410	Roadworks, Drainages & Utilities (ch4080-ch4300)	3	0%	174	27-Jun-11	27-Jan-12	30-Jun-11	30-Jan...																	Roadworks, Drainages & Utilities (ch4080-ch4300)					
S26AS411	Road Surface, Roadmark and Lane Shifting - Stage 1 (ch4080-4300)	3	0%	75	25-Oct-11	27-Jan-12	28-Oct-11	30-Jan...																	Road Surface, Roadmark and Lane Shifting - Stage 1 (ch4080-4300)					
S26AS412	Drainages (ch4080-ch4300)	3	0%	75	26-Jul-11	25-Oct-11	29-Jul-11	27-Oct-11																	Drainages (ch4080-ch4300)					
S26AS413	Utilities (ch4080-ch4300)	3	0%	75	27-Jun-11	24-Sep-11	30-Jun-11	27-Sep...																	Utilities (ch4080-ch4300)					
S26AS420	Roadworks, Drainages & Utilities (ch4300-ch4520)	78	0%	150	27-Jan-12	30-Jul-12	03-May-12	31-Oct-12																	Roadworks, Drainages & Utilities (ch4300-ch4520)					
S26AS421	Road Surface, Roadmark and Lane Shifting - Stage 1 (ch4300-ch4520)	78	0%	75	28-Apr-12	30-Jul-12	02-Aug-12	31-Oct-12																	Road Surface, Roadmark and Lane Shifting - Stage 1 (ch4300-ch4520)					
S26AS422	Drainages (ch4300-ch4520)	78	0%	75	28-Apr-12	30-Jul-12	02-Aug-12	31-Oct-12																	Drainages (ch4300-ch4520)					
S26AS423	Utilities (ch4300-ch4520)	78	0%	75	27-Jan-12	28-Apr-12	03-May-12	01-Aug...																	Utilities (ch4300-ch4520)					
S27S4100	Slip Road K	4	0%	52	19-May-11	20-Jul-11	24-May-11	25-Jul-11																	Slip Road K					
S27S4110	Slip Road S	56	0%	225	03-Sep-12	08-Jun-13	10-Nov-12	15-Aug...																	Slip Road S					
S27S4111	Road Surface, Roadmark and Lane Shifting	56	0%	75	07-Mar-13	08-Jun-13	18-May-13	15-Aug...																	Road Surface, Roadmark and Lane Shifting					
S27S4112	Drainages	56	0%	75	03-Dec-12	06-Mar-13	09-Feb-13	16-May...																	Drainages					
S27S4113	Utilities	56	0%	75	03-Sep-12	01-Dec-12	10-Nov-12	08-Feb...																	Utilities					
Noise Barriers & Road Barriers																														
S26AS300	Construct Noise Barrier & Beam Barrier, NB36 & NB37	3	0%	300	25-Oct-11	29-Oct-12	28-Oct-11	31-Oct-12																	Construct Noise Barrier & Beam Barrier, NB36 & NB37					
S26AS310	Noise Barrier : Foundation Works	3	0%	75	25-Oct-11	27-Jan-12	28-Oct-11	30-Jan...																	Noise Barrier : Foundation Works					
S26AS320	Noise Barrier : Installation of H-column & Panel	3	0%	75	27-Jan-12	28-Apr-12	31-Jan-12	02-May...																	Noise Barrier : Installation of H-column & Panel					
S26AS330	Beam Barrier : Erection of Short Column	3	0%	75	28-Apr-12	30-Jul-12	03-May-12	01-Aug...																	Beam Barrier : Erection of Short Column					
S26AS340	Beam Barrier : Installation of M-Barrier	3	0%	75	30-Jul-12	29-Oct-12	02-Aug-12	31-Oct-12																	Beam Barrier : Installation of M-Barrier					

Activity ID	Activity Name	Total Float	Activity % Complete	Original Duration	Start	Finish	Late Start	Late Finish	2010								2011				2012				2013											
									Q2		Q3		Q4		Q1		Q2		Q3		Q4		Q1		Q2		Q3		Q4							
									2	3	4	5	6	7	8	9	1	1	1	1	1	1	1	2	2	2	2	3	3	3	3	3	3	3	3	4
Traffic Control & Survelance System																																				
S26AS480	TCSS	27	0%	300	24-Sep-11	27-Sep-12	28-Oct-11	31-Oct-12	TCSS																											
S26AS481	TCSS - Stage 1 (ch3720 - ch3900)	27	0%	50	24-Sep-11	24-Nov-11	28-Oct-11	24-Dec...	TCSS- Stage 1 (ch3720 - ch3900)																											
S26AS482	TCSS - Stage 2 (ch3900 - ch4080)	27	0%	50	24-Nov-11	28-Jan-12	28-Dec-11	28-Feb...	TCSS - Stage 2 (ch3900 - ch4080)																											
S26AS483	TCSS - Stage 3 (ch4080 - ch4260)	27	0%	50	28-Jan-12	27-Mar-12	29-Feb-12	02-May...	TCSS - Stage 3 (ch4080 - ch4260)																											
S26AS484	TCSS - Stage 4 (ch4260 - ch4440)	27	0%	50	27-Mar-12	31-May-12	03-May-12	03-Jul-12	TCSS - Stage 4 (ch4260 - ch4440)																											
S26AS485	TCSS - Stage 5 (ch4440 - ch4620)	27	0%	50	31-May-12	31-Jul-12	04-Jul-12	30-Aug...	TCSS - Stage 5 (ch4440 - ch4620)																											
S26AS486	TCSS - Stage 6 (ch4620 - ch4820)	27	0%	50	31-Jul-12	27-Sep-12	31-Aug-12	31-Oct-12	TCSS- Stage 6 (ch4620 - ch4820)																											
North & South Bound																																				
Slopworks																																				
S26ANS50	Slopeworks & Reinforced Earth Wall Bridge 18A	3	0%	72	26-Feb-11	27-May-11	02-Mar-11	31-May...	Slopeworks & Reinforced Earth Wall Bridge 18A																											
Construction of Bridge																																				
S26ANS10	Construct East & West Abutment of Bridge 18A	3	0%	72	28-May-11	22-Aug-11	01-Jun-11	25-Aug...	Construct East & West Abutment of Bridge 18A																											
S26ANS12	Construct East Abutment & Bearing (Bridge 18A)	3	0%	36	28-May-11	11-Jul-11	01-Jun-11	14-Jul-11	Construct East Abutment & Bearing (Bridge 18A)																											
S26ANS14	Construction West Abutment & Bearing(Bridge 18A)	3	0%	36	12-Jul-11	22-Aug-11	15-Jul-11	25-Aug...	Construction West Abutment & Bearing(Bridge 18A)																											
S26ANS16	Bridge 18A Decking and Watermain Diversion	3	0%	162	25-Jul-11	08-Feb-12	28-Jul-11	11-Feb...	Bridge 18A Decking and Watermain Diversion																											
S26ANS60	Erecting Temporary Bridge Support	3	0%	48	25-Jul-11	19-Sep-11	28-Jul-11	22-Sep...	Erecting Temporary Bridge Support																											
S26ANS70	Construction of Deck	3	0%	60	20-Sep-11	30-Nov-11	23-Sep-11	03-Dec...	Construction of Deck																											
S26ANS80	Installing Watermain for Diversion	3	0%	30	01-Dec-11	07-Jan-12	05-Dec-11	11-Jan...	Installing Watermain for Diversion																											
S26ANS90	Road Surfacing	3	0%	24	09-Jan-12	08-Feb-12	12-Jan-12	11-Feb...	Road Surfacing																											
Roadworks, Drainage & Utilities																																				
S26ANS42	Diversion of water mains at existing bridge 18	8	0%	49	01-Dec-11	02-Feb-12	10-Dec-11	11-Feb...	Diversion of water mains at existing bridge 18																											
S26ANS46	DN450 Trenchless Method for Fire Mains	53	0%	74	01-Aug-12	29-Oct-12	04-Oct-12	02-Jan....	DN450 Trenchless Method for Fire Mains																											
Demolition of Existing Bridge																																				
S26ANS20	Erect temporary support for demolition	8	0%	49	01-Dec-11	02-Feb-12	10-Dec-11	11-Feb...	Erect temporary support for demolition																											
S26ANS30	Demolition of Existing Bridge 18	3	0%	50	09-Feb-12	11-Apr-12	13-Feb-12	14-Apr-12	Demolition of Existing Bridge 18																											
S26ANS40	Removal of temporary support	3	0%	22	12-Apr-12	08-May-12	16-Apr-12	11-May...	Removal of temporary support																											
Site Area SA27																																				
PHSA2720	Possession of SA27		100%	0	26-Mar-10 A		26-Jun-14		Possession of SA27																											
SA270000	Site Area SA27 Works Period	0	28.39%	1187	26-Mar-10 A	25-Jun-13	26-Mar-10	25-Jun...	Site Area SA27 Works Period																											
SA270010	Site Area SA27 Works Completion	0	0%	0		25-Jun-13*		25-Jun...	Site Area SA27 Works Completion																											
SA270020	Temporary Traffic Arrangement (Detail shall refer to supplementary information)	0	28.36%	959	26-Mar-10 A	25-Jun-13	26-Mar-10	25-Jun...	Temporary Traffic Arrangement																											
SA270030	Overall Utilities Diversion (Detail shall refer to supplementary informati...	0	28.36%	959	26-Mar-10 A	25-Jun-13	26-Mar-10	25-Jun...	Overall Utilities Diversion																											
South Bound																																				
Slopeworks																																				
S27S0000	Site Clearance/Access Rd		100%	130	27-Mar-10 A	03-Sep-10 A			Site Clearance/Access Rd																											
S27S0001	Site Clearance (Stage 1)		100%	40	27-Mar-10 A	18-May-10 A	23-Feb-11	23-Feb...	Site Clearance (Stage 1)																											
S27S0002	Site Clearance (Stage 2)		100%	40	19-Jun-10 A	05-Aug-10 A	23-Feb-11	23-Feb...	Site Clearance (Stage 2)																											
S27S0004	Access Rd (Stage 1)		100%	40	30-Apr-10 A	18-Jun-10 A	23-Feb-11	23-Feb...	Access Rd (Stage 1)																											
S27S0005	Access Rd (Stage 2)		100%	40	20-Jul-10 A	03-Sep-10 A	23-Feb-11	23-Feb...	Access Rd (Stage 2)																											
S27S5000	Slopeworks Cut(S34)	59	80%	46	04-Sep-10 A	09-Mar-11	13-May-11	24-May...	Slopeworks Cut(S34)																											
S27S5100	Slopeworks Cut(S42), Fill(S43)	110	20%	75	13-Oct-10 A	13-May-11	13-Oct-10	22-Sep...	Slopeworks Cut(S42), Fill(S43)																											
S27S5101	Slopeworks Cut(S42)	110	10%	60	13-Oct-10 A	05-May-11	14-Jul-11	15-Sep...	Slopeworks Cut(S42)																											
S27S5102	Slopeworks Fill(S43)	110	0%	60	26-Feb-11	13-May-11	14-Jul-11	22-Sep...	Slopeworks Fill(S43)																											
S27S5110	Slopeworks Cut(S37)	83	0%	0	04-Sep-10 A	15-Jun-11	04-Sep-10	22-Sep...	Slopeworks Cut(S37)																											
S27S5111	Slopeworks Cut(S37) - Stage 1, +40mPD	83	60%	62	04-Sep-10 A	26-Mar-11	11-Jun-11	11-Jul-11	Slopeworks Cut(S37) - Stage 1, +40mPD																											
S27S5112	Slopeworks Cut(S37) - Stage 2, +33.8mPD	83	0%	62	26-Mar-11	15-Jun-11	12-Jul-11	22-Sep...	Slopeworks Cut(S37) - Stage 2, +33.8mPD																											
S27S5120	Slopeworks Fill(S38)(Including removal of existing retaining wall)	150	0%	185	26-Feb-11	12-Oct-11	30-Aug-11	16-Apr-12	Slopeworks Fill(S38)(Including removal of existing retaining wall)																											
S27S5121	Slopeworks Fill(S38) : Removal of existing retaining wall	150	0%	49	26-Feb-11	28-Apr-11	30-Aug-11	28-Oct-11	Slopeworks Fill(S38) : Removal of existing retaining wall																											
S27S5122	Slopeworks Fill(S38) - Stage 1, +32mPD	150	0%	48	29-Apr-11	27-Jun-11	29-Oct-11	23-Dec...	Slopeworks Fill(S38) - Stage 1, +32mPD																											
S27S5123	Slopeworks Fill(S38) - Stage 2, +34mPD	150	0%	45	28-Jun-11	19-Aug-11	24-Dec-11	21-Feb...	Slopeworks Fill(S38) - Stage 2, +34mPD																											
S27S5124	Slopeworks Fill(S38) - Stage 3, formation level	150	0%	43	20-Aug-11	12-Oct-11	22-Feb-12	16-Apr-12	Slopeworks Fill(S38) - Stage 3, formation level																											
S27S5130	Slopeworks Cut(S39)		100%	138	19-Jun-10 A	01-Dec-10 A			Slopeworks Cut(S39)																											
S27S5131	Slopeworks Cut(S39) - Stage 1, +37mPD		100%	46	19-Jun-10 A	12-Aug-10 A	30-Jul-11	30-Jul-11	Slopeworks Cut(S39) - Stage 1, +37mPD																											
S27S5132	Slopeworks Cut(S39) - Stage 2, +35mPD		100%	46	13-Aug-10 A	07-Oct-10 A	30-Jul-11	30-Jul-11	Slopeworks Cut(S39) - Stage 2, +35mPD																											
S27S5133	Slopeworks Cut(S39) - Stage 3, formation level	125	25%	46	08-Oct-10 A	08-Apr-11	30-Jul-11	09-Sep...	Slopeworks Cut(S39) - Stage 3, formation level																											

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Activity ID	Activity Name	Total Float	Activity % Complete	Original Duration	Start	Finish	Late Start	Late Finish	2010				2011				2012				2013													
									Q2				Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4								
									2	3	4	5	6	7	8	9	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3
S28S20011	Excavation for NB44 (Bay3 & Bay4)	26	10%	44	19-Oct-10 A	14-Apr-11	29-Mar-11	20-May...									Excavation for NB44 (Bay3 & Bay4)																	
S28S20012	Excavation for NB44 (Bay5 & Bay6)	44	0%	44	14-Apr-11	11-Jun-11	13-Jun-11	03-Aug...									Excavation for NB44 (Bay5 & Bay6)																	
S28S20013	Excavation for NB44 (Bay7 & Bay8)	60	0%	44	11-Jun-11	03-Aug-11	23-Aug-11	15-Oct-11									Excavation for NB44 (Bay7 & Bay8)																	
S28S20014	Excavation for NB44 (Bay9 & Bay10)	65	0%	43	03-Aug-11	23-Sep-11	22-Oct-11	10-Dec...									Excavation for NB44 (Bay9 & Bay10)																	
S28S2002	Noise Barrier Footing Construction for NB44	2	0%	282	26-Feb-11	09-Feb-12	01-Mar-11	11-Feb...									Noise Barrier Footing Construction for NB44																	
S28S20020	Noise Barrier Footing Construction for NB44 (Bay 1)	2	0%	32	26-Feb-11	04-Apr-11	01-Mar-11	07-Apr-11									Noise Barrier Footing Construction for NB44 (Bay 1)																	
S28S20021	Noise Barrier Footing Construction for NB44 (Bay 2)	2	0%	32	06-Apr-11	18-May-11	08-Apr-11	20-May...									Noise Barrier Footing Construction for NB44 (Bay 2)																	
S28S20022	Noise Barrier Footing Construction for NB44 (Bay 3)	2	0%	32	19-May-11	25-Jun-11	21-May-11	28-Jun...									Noise Barrier Footing Construction for NB44 (Bay 3)																	
S28S20023	Noise Barrier Footing Construction for NB44 (Bay 4)	2	0%	30	27-Jun-11	01-Aug-11	29-Jun-11	03-Aug...									Noise Barrier Footing Construction for NB44 (Bay 4)																	
S28S20024	Noise Barrier Footing Construction for NB44 (Bay 5)	2	0%	30	02-Aug-11	05-Sep-11	04-Aug-11	07-Sep...									Noise Barrier Footing Construction for NB44 (Bay 5)																	
S28S20025	Noise Barrier Footing Construction for NB44 (Bay 6)	2	0%	30	06-Sep-11	13-Oct-11	08-Sep-11	15-Oct-11									Noise Barrier Footing Construction for NB44 (Bay 6)																	
S28S20026	Noise Barrier Footing Construction for NB44 (Bay 7)	2	0%	24	14-Oct-11	10-Nov-11	17-Oct-11	12-Nov...									Noise Barrier Footing Construction for NB44 (Bay 7)																	
S28S20027	Noise Barrier Footing Construction for NB44 (Bay 8)	2	0%	24	11-Nov-11	08-Dec-11	14-Nov-11	10-Dec...									Noise Barrier Footing Construction for NB44 (Bay 8)																	
S28S20028	Noise Barrier Footing Construction for NB44 (Bay 9)	2	0%	24	09-Dec-11	09-Jan-12	12-Dec-11	11-Jan...									Noise Barrier Footing Construction for NB44 (Bay 9)																	
S28S20029	Noise Barrier Footing Construction for NB44 (Bay 10)	2	0%	24	10-Jan-12	09-Feb-12	12-Jan-12	11-Feb...									Noise Barrier Footing Construction for NB44 (Bay 10)																	
S28S3000	Construct Noise Barrier NB36, NB37 & Beam Barrier	2	0%	428	10-Feb-12	22-Jul-13	13-Feb-12	24-Jul-13									Construct Noise Barrier NB36, NB37 & Beam Barrier																	
S28S3010	Construct Noise Barrier NB36 : Foundation Works	2	0%	68	10-Feb-12	04-May-12	13-Feb-12	07-May...									Construct Noise Barrier NB36 : Foundation Works																	
S28S3020	Construct Noise Barrier NB36 : Installation of H-column & Panel	2	0%	72	05-May-12	31-Jul-12	08-May-12	02-Aug...									Construct Noise Barrier NB36 : Installation of H-column & Panel																	
S28S3030	Construct Noise Barrier NB37 : Foundation Works	2	0%	72	01-Aug-12	26-Oct-12	03-Aug-12	29-Oct-12									Construct Noise Barrier NB37 : Foundation Works																	
S28S3040	Construct Noise Barrier NB37 : Installation of H-column & Panel	2	0%	72	27-Oct-12	22-Jan-13	30-Oct-12	24-Jan...									Construct Noise Barrier NB37 : Installation of H-column & Panel																	
S28S3050	Construct Beam Barrier : Erecting Short Column	2	0%	72	23-Jan-13	24-Apr-13	25-Jan-13	26-Apr-13									Construct Beam Barrier : Erecting Short Column																	
S28S3060	Construct Beam Barrier : Installation of M-Panel	2	0%	72	25-Apr-13	22-Jul-13	27-Apr-13	24-Jul-13									Construct Beam Barrier : Installation of M-Panel																	
Traffic Control & Survelance System																																		
S28S4800	TCSS	2	0%	360	05-May-12	22-Jul-13	08-May-12	24-Jul-13									TCSS																	
S28S4810	TCSS - Stage 1 (ch4820 - ch4980)	2	0%	72	05-May-12	31-Jul-12	08-May-12	02-Aug...									TCSS - Stage 1 (ch4820 - ch4980)																	
S28S4820	TCSS - Stage 2 (ch4980 - ch5150)	2	0%	72	01-Aug-12	26-Oct-12	03-Aug-12	29-Oct-12									TCSS - Stage 2 (ch4980 - ch5150)																	
S28S4830	TCSS - Stage 3 (ch5150 - ch5310)	2	0%	72	27-Oct-12	22-Jan-13	30-Oct-12	24-Jan...									TCSS - Stage 3 (ch5150 - ch5310)																	
S28S4840	TCSS - Stage 4 (ch5310 - ch5520)	2	0%	72	23-Jan-13	24-Apr-13	25-Jan-13	26-Apr-13									TCSS - Stage 4 (ch5310 - ch5520)																	
S28S4850	TCSS - Stage 5 (ch5520 - ch5640)	2	0%	72	25-Apr-13	22-Jul-13	27-Apr-13	24-Jul-13									TCSS - Stage 5 (ch5520 - ch5640)																	
Modification of Existing Bridge																																		
S28S1200	Modification of Lam Kam Rd. Flyover	-2	0%	60	10-Apr-13	21-Jun-13	08-Apr-13	19-Jun...									Modification of Lam Kam Rd. Flyover																	
S28S1210	Removing Central Barrier	-2	0%	21	10-Apr-13	04-May-13	08-Apr-13	02-May...									Removing Central Barrier																	
S28S1220	Stitching	-2	0%	15	06-May-13	23-May-13	03-May-13	21-May...									Stitching																	
S28S1230	Raising Carriage Level	-2	0%	24	24-May-13	21-Jun-13	22-May-13	19-Jun...									Raising Carriage Level																	
Road Resurfacing & Line Marking																																		
S28S4900	Resurfacing/Line Marking S/B SA28/SA26A(part)	3	0%	89	03-Apr-13	20-Jul-13	08-Apr-13	24-Jul-13									Resurfacing/Line Marking S/B SA28/SA26A(part)																	
S28S4910	Resurfacing S/B SA28	3	0%	30	03-Apr-13	09-May-13	08-Apr-13	13-May...									Resurfacing S/B SA28																	
S28S4920	Resurfacing S/B SA26A(part)	3	0%	29	10-May-13	14-Jun-13	14-May-13	18-Jun...									Resurfacing S/B SA26A(part)																	
S28S4930	Line Marking S/B SA28	3	0%	30	15-Jun-13	20-Jul-13	19-Jun-13	24-Jul-13									Line Marking S/B SA28																	
S28S4940	Line Marking S/B SA26A(part)	3	0%	30	15-Jun-13	20-Jul-13	19-Jun-13	24-Jul-13									Line Marking S/B SA26A(part)																	
Site Area SA29																																		
PHSA2920	Possession of SA29 (Day270)		100%	0	27-Jul-10 A		26-Jun-14										Possession of SA29 (Day270)																	
SA290000	Site Area SA29 Works Period	30	10.15%	946	27-Jul-10 A	25-Jun-13	27-Jul-10	24-Jul-13									Site Area SA29 Works Period																	
SA290010	Site Area SA29 Works Completion	0	0%	0		25-Jun-13*		25-Jun...									Site Area SA29 Works Completion																	
SA290020	Temporary Traffic Arrangement (Detail shall refer to supplementary information)	0	10.08%	764	27-Jul-10 A	25-Jun-13	27-Jul-10	25-Jun...									Temporary Traffic Arrangement (Detail shall refer to supplementary information)																	
SA290030	Overall Utilities Diversion (Detail shall refer to supplementary informati...	0	10.08%	764	27-Jul-10 A	25-Jun-13	27-Jul-10	25-Jun...									Overall Utilities Diversion (Detail shall refer to supplementary informati...																	
North Bound																																		
Preliminaries																																		
S29N0000	Site Clearance/Access Rd	69	40%	60	26-Jan-11 A	09-Apr-11	25-May-11	07-Jul-11									Site Clearance/Access Rd																	
Roadworks, Drainage & Utilities																																		
S29N4020	Realignment of Tai Wo Service Rd. West (8 sections)	69	0%	487	06-Sep-11	30-Apr-13	29-Nov-11	24-Jul-13									Realignment of Tai Wo Service Rd. West (8 sections)																	
S29N4021	Realignment of Tai Wo Service Rd. West - Section 1	69	0%	60	06-Sep-11	17-Nov-11	29-Nov-11	13-Feb...									Realignment of Tai Wo Service Rd. West - Section 1																	
S29N4022	Realignment of Tai Wo Service Rd. West - Section 2	69	0%	61	18-Nov-11	03-Feb-12	14-Feb-12	28-Apr-12									Realignment of Tai Wo Service Rd. West - Section 2																	
S29N4023	Realignment of Tai Wo Service Rd. West - Section 3	69	0%	61	04-Feb-12	19-Apr-12	30-Apr-12	13-Jul-12									Realignment of Tai Wo Service Rd. West - Section 3																	
S29N4024	Realignment of Tai Wo Service Rd. West - Section 4	69	0%	61	20-Apr-12	04-Jul-12	14-Jul-12	22-Sep...									Realignment of Tai Wo Service Rd. West - Section 4																	
S29N4025	Realignment of Tai Wo Service Rd. West - Section 5	69	0%	61	05-Jul-12	13-Sep-12	24-Sep-12	06-Dec...									Realignment of Tai Wo Service Rd. West - Section 5																	
S29N4028	Realignment of Tai Wo Service Rd. West - Section 6	69	0%	61	14-Sep-12	27-Nov-12	07-Dec-12	22-Feb...									Realignment of Tai Wo Service Rd. West - Section 6																	

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Activity ID	Activity Name	Total Float	Activity % Complete	Original Duration	Start	Finish	Late Start	Late Finish	2010				2011				2012				2013																			
									Q2				Q3				Q4				Q1				Q2				Q3				Q4							
									2	3	4	5	6	7	8	9	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3
S28N1261	Pier Construction	101	10%	36	11-Feb-11 A	11-Oct-11	31-Dec-11	11-Feb...	Pier Construction																															
Pier NLKP3																																								
S28N1271	Pre-drilling for Piles		100%	11	11-Sep-10 A	24-Sep-10 A	15-Dec-11	15-Dec...	Pre-drilling for Piles																															
S28N1272	Confirmation of Founding Level		100%	21	12-Sep-10 A	15-Oct-10 A	15-Dec-11	15-Dec...	Confirmation of Founding Level																															
S28N1273	Piling Work (24shp)		100%	68	20-Sep-10 A	16-Nov-10 A	15-Dec-11	15-Dec...	Piling Work (24shp)																															
S28N1274	Temporary Shoring System		100%	31	17-Nov-10 A	03-Dec-10 A	15-Dec-11	15-Dec...	Temporary Shoring System																															
S28N1275	Excavation to Formation Level		100%	10	06-Dec-10 A	18-Dec-10 A	15-Dec-11	15-Dec...	Excavation to Formation Level																															
S28N1276	Pile Head Trimming and bearing plate		100%	11	20-Dec-10 A	24-Dec-10 A	15-Dec-11	15-Dec...	Pile Head Trimming and bearing plate																															
S28N1277	Pile Cap Construction		100%	24	20-Dec-10 A	05-Jan-11 A	15-Dec-11	15-Dec...	Pile Cap Construction																															
S28N1278	Backfilling	239	0%	30	26-Feb-11	01-Apr-11	15-Dec-11	26-Jan...	Backfilling																															
S28N1279	Pier Construction	239	25%	61	06-Jan-11 A	01-Jun-11	26-Jan-12	19-Mar...	Pier Construction																															
Pier NLKP4																																								
S28N1281	Gas main Diversion		100%	120	13-May-10 A	31-Jul-10 A	14-Mar-12	14-Mar...	Gas main Diversion																															
S28N1282	Pre-drilling for Piles		100%	9	01-Aug-10 A	14-Aug-10 A	14-Mar-12	14-Mar...	Pre-drilling for Piles																															
S28N1283	Confirmation of Founding Level		100%	22	16-Aug-10 A	31-Aug-10 A	14-Mar-12	14-Mar...	Confirmation of Founding Level																															
S28N1284	Piling Work (16shp)		100%	63	01-Sep-10 A	30-Sep-10 A	14-Mar-12	14-Mar...	Piling Work (16shp)																															
S28N1285	Temporary Shoring System		100%	44	20-Oct-10 A	23-Oct-10 A	14-Mar-12	14-Mar...	Temporary Shoring System																															
S28N1286	Excavation to Formation Level		100%	7	25-Oct-10 A	28-Oct-10 A	14-Mar-12	14-Mar...	Excavation to Formation Level																															
S28N1287	Pile Head Trimming and bearing plate		100%	14	29-Oct-10 A	06-Nov-10 A	14-Mar-12	14-Mar...	Pile Head Trimming and bearing plate																															
S28N1288	Pile Cap Construction		100%	21	08-Nov-10 A	19-Nov-10 A	14-Mar-12	14-Mar...	Pile Cap Construction																															
S28N1289	Backfilling		100%	30	20-Dec-10 A	11-Jan-11 A	14-Mar-12	14-Mar...	Backfilling																															
S28N1290	Pier Construction	311	50%	71	20-Dec-10 A	09-Apr-11	14-Mar-12	28-Apr-12	Pier Construction																															
Pier NLKP5																																								
S28N1301	Gas main Diversion		100%	120	13-May-10 A	31-Aug-10 A	23-Apr-12	23-Apr-12	Gas main Diversion																															
S28N1302	Pre-drilling for Piles		100%	7	01-Sep-10 A	11-Sep-10 A	23-Apr-12	23-Apr-12	Pre-drilling for Piles																															
S28N1303	Confirmation of Founding Level		100%	14	13-Sep-10 A	25-Sep-10 A	23-Apr-12	23-Apr-12	Confirmation of Founding Level																															
S28N1304	Piling Work (16shp)		100%	62	26-Sep-10 A	19-Oct-10 A	23-Apr-12	23-Apr-12	Piling Work (16shp)																															
S28N1305	Temporary Shoring System		100%	44	20-Oct-10 A	05-Nov-10 A	23-Apr-12	23-Apr-12	Temporary Shoring System																															
S28N1306	Excavation to Formation Level		100%	7	08-Nov-10 A	12-Nov-10 A	23-Apr-12	23-Apr-12	Excavation to Formation Level																															
S28N1307	Pile Head Trimming and bearing plate		100%	14	15-Nov-10 A	27-Nov-10 A	23-Apr-12	23-Apr-12	Pile Head Trimming and bearing plate																															
S28N1308	Pile Cap Construction		100%	21	29-Nov-10 A	11-Dec-10 A	23-Apr-12	23-Apr-12	Pile Cap Construction																															
S28N1309	Backfilling		100%	30	13-Dec-10 A	18-Dec-10 A	23-Apr-12	23-Apr-12	Backfilling																															
S28N1310	Pier Construction	340	50%	74	20-Dec-10 A	11-Apr-11	23-Apr-12	06-Jun...	Pier Construction																															
Pier NLKP6																																								
S28N1321	Gas main Diversion	111	76%	150	13-May-10 A	09-Apr-11	15-Jul-11	25-Aug...	Gas main Diversion																															
S28N1322	Pre-drilling for Piles		100%	14	21-Jul-10 A	23-Feb-11 A	26-Aug-11	26-Aug...	Pre-drilling for Piles																															
S28N1323	Confirmation of Founding Level		100%	14	21-Jul-10 A	25-Feb-11 A	26-Aug-11	26-Aug...	Confirmation of Founding Level																															
S28N1324	Piling Work (23shp)	39	0%	75	12-Jul-11	10-Oct-11	26-Aug-11	24-Nov...	Piling Work (23shp)																															
S28N1325	Temporary Shoring System	39	0%	44	11-Oct-11	30-Nov-11	25-Nov-11	18-Jan...	Temporary Shoring System																															
S28N1326	Excavation to Formation Level	39	0%	7	01-Dec-11	08-Dec-11	19-Jan-12	30-Jan...	Excavation to Formation Level																															
S28N1327	Pile Head Trimming and bearing plate	39	0%	14	09-Dec-11	24-Dec-11	31-Jan-12	15-Feb...	Pile Head Trimming and bearing plate																															
S28N1328	Pile Cap Construction	39	0%	23	28-Dec-11	27-Jan-12	16-Feb-12	13-Mar...	Pile Cap Construction																															
S28N1329	Backfilling	39	0%	27	28-Jan-12	28-Feb-12	14-Mar-12	18-Apr-12	Backfilling																															
S28N1330	Pier Construction	39	0%	71	29-Feb-12	26-May-12	19-Apr-12	14-Jul-12	Pier Construction																															
Pier NLKP7																																								
S28N1341	Realignment of Existing slip road		100%	45	19-May-10 A	13-Jul-10 A	09-Nov-11	09-Nov...	Realignment of Existing slip road																															
S28N1342	Existing Water main Diversion		100%	45	14-Jul-10 A	03-Sep-10 A	09-Nov-11	09-Nov...	Existing Water main Diversion																															
S28N1343	Pre-drilling for Piles		100%	7	04-Sep-10 A	18-Sep-10 A	09-Nov-11	09-Nov...	Pre-drilling for Piles																															
S28N1344	Confirmation of Founding Level		100%	14	13-Sep-10 A	25-Sep-10 A	09-Nov-11	09-Nov...	Confirmation of Founding Level																															
S28N1345	Piling Work (16shp)	209	45%	62	26-Jan-11 A	08-Apr-11	09-Nov-11	19-Dec...	Piling Work (16shp)																															
S28N1346	Temporary Shoring System	216	0%	44	08-Apr-11	04-Jun-11	30-Dec-11	23-Feb...	Temporary Shoring System																															
S28N1347	Excavation to Formation Level	186	0%	7	12-Jul-11	19-Jul-11	24-Feb-12	02-Mar...	Excavation to Formation Level																															
S28N1348	Pile Head Trimming and bearing plate	186	0%	14	20-Jul-11	04-Aug-11	03-Mar-12	19-Mar...	Pile Head Trimming and bearing plate																															
S28N1349	Pile Cap Construction	186	0%	21	05-Aug-11	29-Aug-11	20-Mar-12	17-Apr-12	Pile Cap Construction																															
S28N1350	Backfilling	186	0%	30	30-Aug-11	06-Oct-11	18-Apr-12	23-May...	Backfilling																															
S28N1351	Pier Construction	186	0%	72	07-Oct-11	31-Dec-11	24-May-12	18-Aug...	Pier Construction																															
Pier NLKP8																																								
S28N1361	Realignment of Existing slip road		100%	45	19-May-10 A	13-Jul-10 A	21-Feb-12	21-Feb...	Realignment of Existing slip road																															

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