

Activity ID	Activity Name	Original Duration	Start	Finish	2011															
					July				August				September				October			
					19	26	03	10	17	24	31	07	14	21	28	04	11	18	25	02
<b>PRELIMINARES &amp; GENERAL REQUIREMENTS, PROCUREMENT</b>																				
<b>Procurement</b>																				
<b>Contractor's Designs</b>																				
<b>No SUB LOCATION</b>																				
CD-110010	NB Approval In Principle & Detailed Design & ICE	120	12-Mar-10 A	10-Jul-11 A	NB Approval In Principle & Detailed Design & ICE															
CD-110020	NB Design Comments & Approval	90	20-Dec-10 A	12-Aug-11	NB Design Comments & Approval															
<b>Procurements, Fabrications &amp; Deliveries</b>																				
<b>No SUB LOCATION</b>																				
01-1100025	Bearing - Order / Fabrication / Delivery	90	11-Apr-10 A	25-Jul-11	Bearing - Order / Fabrication / Delivery															
00-110000	NB Fabricate & Delivery- Panels	260	20-Jun-11 A	16-May-12																
<b>Z1: CH 0 to CH 500: SECT. 1 WORKS</b>																				
<b>Banyan &amp; Banyan West Bridge Construction</b>																				
<b>New Banyan Bridge</b>																				
<b>Foundation Works</b>																				
S1-080060	Demolish exiting pile caps	34	21-Dec-10 A	29-Jul-11	Demolish exiting pile caps															
S1-080420	Pier NBP1 - Pile Cap	15	08-Jul-11	25-Jul-11	Pier NBP1 - Pile Cap															
<b>Pile Cap, Pier and Abutments</b>																				
S1-080430	Abutment North NBNA Abutment	46	24-May-11 A	30-Jul-11	Abutment North NBNA Abutment															
S1-080410	Abutment South NBAS Abutment	46	09-Jun-11 A	04-Aug-11	Abutment South NBAS Abutment															
S1-080520	Pier NBP1 - Pier	36	08-Jul-11*	18-Aug-11	Pier NBP1 - Pier															
<b>Bridge Deck</b>																				
S1-080610	Abut South NBSA to Pier NBP1 Decking, 44.95m	60	15-Aug-11	26-Oct-11																
S1-080590	Bridge Bearings NBMJ1 & NBMJ2. 2 nr.	10	19-Aug-11	30-Aug-11	Bridge Bearings NBMJ1 & NBMJ2. 2 nr.															
S1-080620	Pier NBP1 to Abut North NBNA Decking 36.95m	60	19-Sep-11	29-Nov-11																
<b>New Banyan Bridge West</b>																				
<b>Foundation Works</b>																				
S1-090100	Demolish exiting pile caps	40	12-Apr-11 A	15-Aug-11	Demolish exiting pile caps															
S1-090320	Pier NBWP Bored Piles, 8 x 610dia Pre-Bored H Pi	36	18-Jul-11	27-Aug-11	Pier NBWP Bored Piles, 8 x 610dia Pre-B															
S1-090420	Pier NBWP Pile Cap	36	29-Aug-11	12-Oct-11	Pier															
<b>Pile Cap, Pier and Abutments</b>																				
S1-090410	Abutment South NBWAS Abutment	48	29-Aug-11	26-Oct-11																
S1-090430	Abutment North NBWNA Abutment	48	29-Aug-11	26-Oct-11																
S1-090510	Pier NBWP Pier	36	13-Oct-11	23-Nov-11																
<b>Noise Barrier at Kwong Fuk West</b>																				
<b>Noise Barrier at Kwong Fuk West Viaduct</b>																				
<b>Noise Barrier Foundation Works</b>																				
S1-000345A	Ground Investigation Works	48	16-Nov-09 A	30-Jul-11	Ground Investigation Works															
S1-180310A	Prebored H Piles, 39 nr.	70	08-Nov-10 A	20-Sep-11	Prebored H Piles, 39 nr															
S1-180310B	Prebored H Piles, 39 nr.	70	22-Aug-11	14-Nov-11																
<b>High Mast Lighting</b>																				
S1-180903	High mast HM1- footing + relocation + lamps	48	08-Oct-11	02-Dec-11																
<b>TCSS Works/Other Utilities</b>																				
S1-180905	Civil prov. works (CPW)- TCSS Pillar Box B	18	21-Jul-11	10-Aug-11	Civil prov. works (CPW)- TCSS Pillar Box B															
<b>Southbound Work- Ret. Wall, Noise B, Rd</b>																				
<b>RW W3, NB6, and Slope S4</b>																				
<b>Noise Barrier NB6</b>																				
S1-200060	NB6 Prebored H Piles, 58 nr, L=85m	70	20-May-11	11-Aug-11	NB6 Prebored H Piles, 58 nr, L=85m															
S1-201060	NB6 Pile Testing	20	12-Aug-11	03-Sep-11	NB6 Pile Testing															
S1-203060	NB6 Pilecap and plinth, 5 bays	64	05-Sep-11	21-Nov-11																
<b>Road Lighting/ or High Mast</b>																				
S1-700050	Cabling works for utilities/Lighting	18	15-Jul-11	04-Aug-11	Cabling works for utilities/Lighting															
S1-700070	Pillar Box + MCB Board installation	18	05-Aug-11	25-Aug-11	Pillar Box + MCB Board installation															
<b>Cut Slope S4</b>																				
S1-031060A	Cut Slope S4 - excavation	44	26-Feb-11 A	03-Sep-11	Cut Slope S4 - excavation															
S1-031060B	Cut Slope S4 - drainage/ u channels	6	26-Aug-11	01-Sep-11	Cut Slope S4 - drainage/ u channels															
<b>RW W2, NB7, Slope S3, Slip Rd C</b>																				
<b>Cut Slope S3</b>																				
S1-031030A	Cut Slope S3- excavation	14	20-Dec-10 A	20-Jul-11	Cut Slope S3- excavation															
<b>SB Road &amp; Drain, Ch 0-300, after NB3</b>																				
<b>TCSS Works/Other Utilities</b>																				
S1-035045	TCSS P57 - footing	18	09-Sep-11*	01-Oct-11	TCSS P57 - f															
S1-035055	TCSS S167 - footing	18	03-Oct-11	24-Oct-11																
<b>NB6 and Slope S4A, after TB1 demolition</b>																				
<b>Cut Slope S4A</b>																				
S1-208140A	Cut Slope S4A - excavation	8	18-Dec-10 A	27-Jul-11	Cut Slope S4A - excavation															
<b>NB11, Slope S4B &amp; F124, after TB2 dem.</b>																				
<b>Cut Slope S4B, S4C</b>																				
S1-031040A	Cut Slope S4B, S4C - excavation	24	16-Dec-10 A	15-Aug-11	Cut Slope S4B, S4C - excavation															
<b>South Bound Road and Drain, Ch 300-500</b>																				
<b>TCSS Works/Other Utilities</b>																				
S1-051303	Civil prov. works (CPW)- TCSS Pillar Box A	18	29-Jun-11	20-Jul-11	Civil prov. works (CPW)- TCSS Pillar Box A															
<b>Northbound Work- Ret. Wall, Noise B, Rd</b>																				
<b>RW W1+ NB1+S1, NB2 Ch200-300</b>																				
<b>Cut Slope S1</b>																				
S1-031015A	Fill Slope S1- backfilling	54	17-Oct-11	17-Dec-11																
<b>Retaining Wall W1</b>																				

Activity ID	Activity Name	Original Duration	Start	Finish	2011															
					July						August				September				October	
					19	26	03	10	17	24	31	07	14	21	28	04	11	18	25	02
S1-035016A	Ret. Wall W1(@CSD), base slab	48	21-Jan-11 A	20-Jun-11...	Ret. Wall W1(@CSD), base slab															
S1-035016B	Ret. Wall W1(@CSD), wall stem	48	21-Apr-11 A	05-Aug-11	Ret. Wall W1(@CSD), wall stem															
S1-035010A	Retaining Wall W1, excav + base slab	48	12-Jul-11	05-Sep-11	Retaining Wall W1, excav + base slab															
S1-035010B	Retaining Wall W1, wall stem + backfill	48	18-Aug-11	15-Oct-11	Retaining Wall W1, wall stem + backfill															
<b>NB2 Ch100-225</b>																				
<b>Noise Barrier Foundation Works</b>																				
S1-200020A	Prebored H Piles, 56 nr.	52	20-Aug-11*	22-Oct-11	Prebored H Piles, 56 nr.															
<b>Slip Rd A after Banyan Br. Completion</b>																				
<b>Slip Rd A</b>																				
S1-051150	Slip Road A - drainage + road reconstruction	48	15-Sep-11	11-Nov-11	Slip Road A - drainage + road reconstruction															
<b>NB2 &amp; Slope S2, after TB1 demolition</b>																				
<b>Cut Slope S2</b>																				
S1-031025A	Cut Slope S2- excavation	12	20-Dec-10 A	02-Aug-11	Cut Slope S2- excavation															
<b>NB9, Slope F121, S5, (after TB2 demolition)</b>																				
<b>Noise Barrier NB9</b>																				
S1-200120	NB9 Prebored H Piles, 34 nr	36	17-Dec-10 A	06-Aug-11	NB9 Prebored H Piles, 34 nr															
<b>Z2: CH 500 to CH 1100: SECT. 4 WORKS</b>																				
<b>Stage 1: Southbound Work- Ret. Wall, Noise B, Rd</b>																				
<b>NLKR - Bridge Deck + Noise Barrier</b>																				
<b>Bridge Deck</b>																				
S4-100365	Position lifting gantry	12	25-Aug-11	07-Sep-11	Position lifting gantry															
S4-100590	Install Bridge Bearings, 30 nr	4	03-Sep-11	07-Sep-11	Install Bridge Bearings, 30 nr															
<b>NLKR - South Abutment</b>																				
<b>Foundation Works</b>																				
S4-100310A	South Abut. NLKR-Bored Piles, 5nrs,	38	09-Dec-10 A	20-Jul-11 A	South Abut. NLKR-Bored Piles, 5nrs,															
<b>Pile Cap, Pier and Abutments</b>																				
S4-100375	South Abut. NLKR- abut wall 2nd lift	12	14-Jul-11	27-Jul-11	South Abut. NLKR- abut wall 2nd lift															
S4-100330	South Abut. lower wall-handover to MTRCL for OHL	0	28-Jul-11		South Abut. lower wall-handover to MTRCL for OHL															
S4-100335	South Abut. - OHL A20655.2& 20656.5 by MTRCL	26	28-Jul-11	26-Aug-11	South Abut. - OHL A20655.2& 20656.5 by MTRCL															
S4-100340	South Abut. NLKR- ex. OHL A20656 remove by MT...	25	27-Aug-11	26-Sep-11	South Abut. NLKR- ex. OHL A20656 remove by MT...															
S4-100380	South Abut. NLKR- cantilever slab	48	27-Aug-11	25-Oct-11	South Abut. NLKR- cantilever slab															
S4-100342	South Abut. NLKR- Complete OHL works by MTRCL	0	27-Sep-11		South Abut. NLKR- Complete OHL works by MTRCL															
<b>NLKR - North Abutment</b>																				
<b>Pile Cap, Pier and Abutments</b>																				
S4-100345	North Abut. NLKR- base slab	33	21-Jan-11 A	08-Jul-11 A	North Abut. NLKR- base slab															
S4-100355	North Abut. NLKR- abut wall 2nd lift	12	14-Jul-11	27-Jul-11	North Abut. NLKR- abut wall 2nd lift															
S4-100360	North Abut. NLKR- cantilever slab	24	28-Jul-11	24-Aug-11	North Abut. NLKR- cantilever slab															
<b>RW W4-W7+Slope S7+NB15, NB12+Slip Rd L</b>																				
<b>Noise Barrier NB12</b>																				
S4-203120C	NB12 pile cap - Bay 5 to Bay 8	28	09-Jul-11	10-Aug-11	NB12 pile cap - Bay 5 to Bay 8															
S4-207120	NB12 Structural Steel	28	11-Aug-11	13-Sep-11	NB12 Structural Steel															
S4-208120	NB12 NB Panels	28	25-Aug-11	27-Sep-11	NB12 NB Panels															
<b>Noise Barrier NB15</b>																				
S4-200150	NB15 Prebored H Piles, 102 nr	50	29-Jun-11	26-Aug-11	NB15 Prebored H Piles, 102 nr															
S4-207150	NB15 Structural Steel	26	27-Aug-11	27-Sep-11	NB15 Structural Steel															
S4-208150	NB15 NB Panels	26	03-Sep-11	06-Oct-11	NB15 NB Panels															
<b>Cut Slope S6 and Slip Rd L</b>																				
S1-203065A	Cut slope S6 - excavation	12	20-Dec-10 A	29-Jul-11	Cut slope S6 - excavation															
S4-208155	Slip Rd L reconstruction - Stage 2	48	11-Aug-11	08-Oct-11	Slip Rd L reconstruction - Stage 2															
<b>Fill Slope S7</b>																				
S4-031070A	Fill Slope S7- backfilling to RW coping level	72	07-May-10 A	09-Aug-11	Fill Slope S7- backfilling to RW coping level															
S4-031070B	Fill Slope S7- backfilling to rd level	48	20-Jul-10 A	20-Aug-11	Fill Slope S7- backfilling to rd level															
<b>Retaining Wall W7</b>																				
S4-035070C	VO - Gas Main Diversion	72	20-May-11	13-Aug-11	VO - Gas Main Diversion															
S4-035070A	Retaining Wall W7, excav + base slab	28	24-Jun-11	27-Jul-11	Retaining Wall W7, excav + base slab															
S4-035070B	Retaining Wall W7, wall stem + backfill	28	09-Jul-11	10-Aug-11	Retaining Wall W7, wall stem + backfill															
<b>Ret. Wall W8 &amp; NB18</b>																				
<b>Noise Barrier NB18</b>																				
S4-207180	NB18 Structural Steel, CH 0 to 317, 106 bays	48	30-Jun-11	25-Aug-11	NB18 Structural Steel, CH 0 to 317, 106 bays															
S4-208180	NB18 NB Panels, Type V8, CH 0-317, 106 bay x 3m	36	29-Jul-11	08-Sep-11	NB18 NB Panels, Type V8, CH 0-317, 106 bay x 3m															
<b>Retaining Wall W8- near Bridge 11A</b>																				
S4-035081C	RW W8, (nr. B11A) Bay 11->26 - wall stem	72	07-Apr-10 A	20-Jun-11...	RW W8, (nr. B11A) Bay 11->26 - wall stem															
<b>Retaining Wall W8- near NLKR</b>																				
S4-035082A	RW W8, (nr. NLKR) Bay 1->10, temp. work + excav	68	16-Nov-10 A	04-Aug-11	RW W8, (nr. NLKR) Bay 1->10, temp. work + excav															
S4-035082B	RW W8, (nr. NLKR) Bay 1->10, base slab	68	11-Dec-10 A	03-Aug-11	RW W8, (nr. NLKR) Bay 1->10, base slab															
S4-035082C	RW W8, (nr. NLKR) Bay 1->10, wall stem	72	20-Jan-11 A	20-Aug-11	RW W8, (nr. NLKR) Bay 1->10, wall stem															
<b>Retaining Wall W8- Backfilling</b>																				
S4-035085A	RW W8, Backfill-to RW +2m level	72	22-Nov-10 A	13-Aug-11	RW W8, Backfill-to RW +2m level															
S4-035085B	RW W8, Backfill-to RW coping lvl	24	16-Jun-11 A	09-Sep-11	RW W8, Backfill-to RW coping lvl															
S4-035085C	RW W8, Backfill- to road level	24	14-Jul-11	10-Aug-11	RW W8, Backfill- to road level															
S4-035085D	RW W8, Backfill- u-channel + handrails	24	20-Jul-11	16-Aug-11	RW W8, Backfill- u-channel + handrails															
<b>SB: CH500-1100, Road&amp;Drain+Utilities</b>																				
<b>Road Drainage</b>																				
S4-031140	Road Drainage - pipelaying + manhole	60	20-May-11	30-Jul-11	Road Drainage - pipelaying + manhole															
<b>Road Lighting/ or High Mast</b>																				
S4-031178B	Public Lighting - power supply connection & test	18	01-Aug-11	20-Aug-11	Public Lighting - power supply connection & test															
<b>Roadworks</b>																				
S4-031165	Roadworks- subbase+ subsoil drain+gully connect	48	04-Jul-11	27-Aug-11	Roadworks- subbase+ subsoil drain+gully connect															

Contract: HY/2008/09

Three Months Rolling Programme



Activity ID	Activity Name	Original Duration	Start	Finish	2011															
					July				August				September				October			
					19	26	03	10	17	24	31	07	14	21	28	04	11	18	25	02
S4-03513AA	RW W13A, excav + base slab	36	20-Feb-11 A	26-Aug-11	RW W13A, excav + base slab															
S4-03513AB	RW W13A, wall stem	36	10-Jun-11	22-Jul-11	RW W13A, wall stem															
S4-03513A2	RW W13A, Backfill 48mL	48	24-Jun-11	19-Aug-11	RW W13A, Backfill 48mL															
<b>Retaining Wall W13B</b>																				
S4-03513BA	RW W13B, excav + base slab	46	20-Feb-11 A	29-Aug-11	RW W13B, excav + base slab															
S4-03513BB	RW W13B, wall stem	46	22-Jun-11 A	02-Aug-11	RW W13B, wall stem															
S4-03513B2	RW W13B, Backfill 48mL	42	04-Aug-11	22-Sep-11	RW W13B, Backfill 48mL															
<b>Stage 2 - Slip Rd L, Ret. Wall W11, W12</b>																				
<b>Slip Rd P</b>																				
S4-208231	Slip Rd P- road reconstruction, Stage 2 TTA	24	23-Sep-11	22-Oct-11																
<b>Retaining Wall W11</b>																				
S4-035110A	Retining Wall W11, excav + base slab	12	23-Sep-11	08-Oct-11	Retining Wall W11, excav + base slab															
S4-035110B	Retining Wall W11, wall stem + backfill	12	04-Oct-11	18-Oct-11	Retining Wall W11, wall stem + backfill															
<b>Retaining Wall W12</b>																				
S4-035120A	Retaining Wall W12, excav + base slab	12	30-Aug-11	13-Sep-11	Retaining Wall W12, excav + base slab															
S4-035120B	Retaining Wall W12, wall stem + backfill	12	08-Sep-11	22-Sep-11	Retaining Wall W12, wall stem + backfill															
<b>Ret. Wall W10, Fill Slope S10, NB21</b>																				
<b>Noise Barrier NB21</b>																				
S4-207210	NB21(@W10) Structural Steel, CH00-151,	52	25-Jul-11	23-Sep-11	NB21(@W10) Structural Steel, CH00-151,															
S4-208210	NB21 (@W10) NB Panels, CH00-151, Wall W10	52	15-Aug-11	17-Oct-11	NB21 (@W10) NB Panels, CH00-151, Wall W10															
<b>Fill Slope S10</b>																				
S4-035105A	Slope S10+ W10, - backfill to coping level	72	20-Nov-10 A	27-Jun-11	Slope S10+ W10, - backfill to coping level															
S4-035105C	Slope S10+ W10 - u channels + hand rails	24	25-Jun-11	23-Jul-11	Slope S10+ W10 - u channels + hand rails															
S4-035105B	Slope S10+ W10 - backfill to rd level	48	02-Jul-11 A	22-Jul-11	Slope S10+ W10 - backfill to rd level															
<b>SB: CH1260-1600, L=410m, Road&amp;Drain+Utilities</b>																				
<b>Road Drainage</b>																				
S4-0507815	Road Drainage - pipelaying + manhole	60	20-Aug-11	01-Nov-11	Road Drainage - pipelaying + manhole															
<b>Firemain</b>																				
S4-0507825	Firemain- excav, pipe install+pit/new hydrants	48	20-Aug-11	18-Oct-11	Firemain- excav, pipe install+pit/new hydrants															
S4-0507827	Fire Hydrants Relocation - 4836, 4838, 4839	36	20-Aug-11	03-Oct-11	Fire Hydrants Relocation - 4836, 4838, 4839															
<b>TCSS Works/Other Utilities</b>																				
S4-0507820	TCSS Sign Gantry G62, G61, P56 - footing	48	20-Aug-11	18-Oct-11	TCSS Sign Gantry G62, G61, P56 - footing															
S4-0507830	Utilities + TCSS buried ducts + CPW- SC 61/S61	48	20-Aug-11	18-Oct-11	Utilities + TCSS buried ducts + CPW- SC 61/S61															
S4-0507835	Power supply cable ducts	36	20-Aug-11	03-Oct-11	Power supply cable ducts															
<b>Road Lighting/ or High Mast</b>																				
S4-0507817	Civil prov. works (CPW)- Lighting Pillar Box P7	18	20-Aug-11	09-Sep-11	Civil prov. works (CPW)- Lighting Pillar Box P7															
S4-050785A	Public Lighting - cabling works	18	20-Aug-11	09-Sep-11	Public Lighting - cabling works															
S4-0512775	Pillar Box + MCB Board installation	48	10-Sep-11	08-Nov-11	Pillar Box + MCB Board installation															
<b>Stage 2: Northbound Work- Ret. Wall, Noise B, Rd</b>																				
<b>Modification of Existing Bridge No.11 + Noise B</b>																				
<b>No SUB LOCATION</b>																				
S4-195710	Temporary Scaffold and Supports	30	04-Jul-11	06-Aug-11	Temporary Scaffold and Supports															
S4-195720	Survey of Existing Bridge No. 11	30	08-Aug-11	10-Sep-11	Survey of Existing Bridge No. 11															
S4-195820	Jack up & Replace Bearing on Tai Po Bound Bridge	12	13-Sep-11	26-Sep-11	Jack up & Replace Bearing on Tai Po Bound Bridge															
S4-195825	Jack up & Replace Bearing on Shatin Bound Bridge	12	27-Sep-11	12-Oct-11	Jack up & Replace Bearing on Shatin Bound Bridge															
S4-195830	Remove and modify existing edge parapet	36	13-Oct-11	23-Nov-11	Remove and modify existing edge parapet															
S4-195835	Reconstruct plinth and replace bearings	30	13-Oct-11	16-Nov-11	Reconstruct plinth and replace bearings															
<b>RW W9, Slope S9, &amp; Noise Barrier NB19, NB22</b>																				
<b>Noise Barrier NB19</b>																				
S4-20019AA	NB19 Bored Piles, 41 nrs	72	18-Jun-11*	10-Sep-11	NB19 Bored Piles, 41 nrs															
S4-200190A	NB19 Prebored H Piles, 40 nr	40	18-Jul-11*	01-Sep-11	NB19 Prebored H Piles, 40 nr															
S4-20019AB	NB19 Bored Piles, 41 nrs	72	08-Aug-11	02-Nov-11	NB19 Bored Piles, 41 nrs															
S4-20019AC	NB19 Bored Piles- pile test	72	26-Aug-11	21-Nov-11	NB19 Bored Piles- pile test															
S4-200190B	NB19 Prebored H Piles, 40 nr	40	02-Sep-11	21-Oct-11	NB19 Prebored H Piles, 40 nr															
S4-203190B	NB19 footings, 21 bays - temp work + excav	70	17-Sep-11	09-Dec-11	NB19 footings, 21 bays - temp work + excav															
S4-203190C	NB19 footings, 21 bays - pile cap	70	07-Oct-11	29-Dec-11	NB19 footings, 21 bays - pile cap															
<b>Retaining Wall W9</b>																				
S4-035090	Retaining Wall W9- summary	90	17-Aug-11	02-Dec-11	Retaining Wall W9- summary															
S4-035090A	Retaining Wall W9, excav+ base slab	66	17-Aug-11	04-Nov-11	Retaining Wall W9, excav+ base slab															
S4-035090B	Retaining Wall W9, wall stem + backfill	66	15-Sep-11	02-Dec-11	Retaining Wall W9, wall stem + backfill															
<b>Z4: CH 2000 to CH 2400: SECT. 2 WORKS</b>																				
<b>Stage 1A: Southbound - S14-, RW21-28, TP7,Rd/Dr</b>																				
<b>Ret. Wall W21, W22(Piled), W23 + S16</b>																				
<b>Retaining Wall W21, W22, W23</b>																				
S2-035221C	RW21,W22, 23 - wall stem + backfill	72	20-Nov-10 A	23-Jul-11	RW21,W22, 23 - wall stem + backfill															
<b>Retaining Wall W24 to W28 &amp; Slope S17</b>																				
<b>Cut Slope S17</b>																				
S2-031170	Slope S17 (SB)	60	12-Aug-11	24-Oct-11	Slope S17 (SB)															
<b>Retaining Wall W27</b>																				
S2-035270B	Retaining Wall W27, wall stem + backfill	72	01-Dec-10 A	30-Aug-11	Retaining Wall W27, wall stem + backfill															
<b>Retaining Wall W28</b>																				
S2-035280	Bored Pile Ret. Wall W28, 9 x 2200dia	60	10-Jan-11 A	23-Aug-11	Bored Pile Ret. Wall W28, 9 x 2200dia															
S2-035281	RW W28, Capping Beam & Skin Wall	48	09-Aug-11	06-Oct-11	RW W28, Capping Beam & Skin Wall															
<b>SB Road &amp; Drain, Ch 2000-2200, L=200m</b>																				
<b>Road Drainage</b>																				
S2-031275	Road Drainage - pipelaying + manhole	36	18-Jun-11	30-Jul-11	Road Drainage - pipelaying + manhole															
<b>Roadworks</b>																				
S2-031300	Roadworks- subbase+ subsoil drain+gully connect	24	25-Jul-11	20-Aug-11	Roadworks- subbase+ subsoil drain+gully connect															



Activity ID	Activity Name	Original Duration	Start	Finish	2011																
					July						August				September				October		
					19	26	03	10	17	24	31	07	14	21	28	04	11	18	25	02	09
<b>TCSS Works</b>																					
<b>TCSSWorks in Portion SA11</b>																					
<b>No SUB LOCATION</b>																					
S?-100025	Civil+E&M Prov. - G75 mod. + SC11/S11	48	06-Jul-11	30-Aug-11																	
S?-100030	Civil+E&M Prov. - P11, footing	24	19-Aug-11	16-Sep-11																	
S?-100035	Civil+E&M Prov.- G74 mod.+ SC74/S74+Pillar Box G	48	05-Sep-11	02-Nov-11																	

Activity ID	Activity Name	Original Duration	Activity % Complete	Remaining Duration	Start	Finish	Late Start	Late Finish	Total Float	2010				2011				2012				2013				2014				
										Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
<b>HY/2009/08 TOLO HIGHWAY WIDENING</b>																														
<b>EXECUTIVE SUMMARY</b>																														
<b>Design</b>																														
A1330	Alternative Design	292	100%	0	29-Mar-10 A	14-Jan-11 A					Alternative Design																			
<b>Construction</b>																														
<b>Section 1</b>																														
A1000	SA21 - North Bound	653	0%	659	15-Oct-10 A	14-May-13	15-Oct-10	25-Jun-13	43	SA21 - North Bound																				
A1010	SA21 - South Bound	814	26.47%	599	15-Oct-10 A	15-Mar-13	15-Oct-10	28-Mar-13	14	SA21 - South Bound																				
A1020	SA21 - Middle Lane	147	0%	147	22-Jan-13	18-Jun-13	25-Jan-13	25-Jun-13	8	SA21 - Middle Lane																				
<b>Section 2</b>																														
A1030	SA22 - North Bound	1016	41.28%	597	26-Feb-10 A	13-Mar-13	26-Feb-10	05-Jul-13	114	SA22 - North Bound																				
A1040	SA22 - South Bound	1037	28.74%	739	01-Apr-10 A	02-Aug-13	01-Apr-10	05-Jul-13	-28	SA22 - South Bound																				
A1050	SA22 - Middle Lane	185	0%	185	30-Jan-13	02-Aug-13	30-Jan-13	05-Jul-13	-28	SA22 - Middle Lane																				
A1060	SA23 - South Bound	414	0%	414	26-Jul-11	11-Sep-12	12-Jun-12	05-Jul-13	297	SA23 - South Bound																				
A1070	SA24 - North Bound	787	21.22%	620	25-Aug-10 A	05-Apr-13	25-Aug-10	05-Jul-13	91	SA24 - North Bound																				
A1080	SA25 - South Bound	777	9.46%	704	20-Oct-10 A	28-Jun-13	20-Oct-10	05-Jul-13	8	SA25 - South Bound																				
A1090	SA26 - North Bound	1216	42.15%	704	26-Feb-10 A	28-Jun-13	26-Feb-10	05-Jul-13	7	SA26 - North Bound																				
A1100	SA26 - South Bound	1216	41.5%	711	26-Feb-10 A	06-Jul-13	26-Feb-10	05-Jul-13	0	SA26 - South Bound																				
<b>Section 3</b>																														
A1110	SA26A - North Bound	1191	38.35%	734	26-Feb-10 A	29-Jul-13	26-Feb-10	24-Aug-13	26	SA26A - North Bound																				
A1120	SA26A - South Bound	879	13.85%	757	26-Feb-10 A	21-Aug-13	26-Feb-10	24-Aug-13	4	SA26A - South Bound																				
A1130	SA26A - North & South Bound	612	11.68%	541	26-Feb-11 A	16-Jan-13	26-Feb-11	23-Jan-13	7	SA26A - North & South Bound																				
A1140	SA27 - South Bound	826	54.99%	372	27-Mar-10 A	31-Jul-12	27-Mar-10	16-Oct-12	77	SA27 - South Bound																				
<b>Section 4</b>																														
A1150	SA28 - North Bound	1216	37.56%	759	26-Feb-10 A	23-Aug-13	26-Feb-10	06-Aug-13	-16	SA28 - North Bound																				
A1160	SA28 - South Bound	1099	37.31%	689	23-Jun-10 A	13-Jun-13	23-Jun-10	06-Aug-13	54	SA28 - South Bound																				
A1170	SA29 - North Bound	909	24.07%	690	26-Jan-11 A	15-Jun-13	26-Jan-11	13-Jun-13	-1	SA29 - North Bound																				
A1180	SA32 - Roadside FVMS	265	33.96%	175	26-Mar-11 A	16-Jan-12	26-Mar-11	17-Jan-13	367	SA32 - Roadside FVMS																				
<b>Section 5</b>																														
A1190	SA31 - South Bound	884	58.26%	369	26-Feb-10 A	28-Jul-12	26-Feb-10	28-Jul-12	0	SA31 - South Bound																				
<b>Section 7</b>																														
A1200	SA41 - Site Office	1581	32.57%	1066	26-Feb-10 A	25-Jun-14	26-Feb-10	25-Jun-14	0	SA41 - Site Office																				
A1210	SA42 - Temporary Contractor's Works Area	1582	32.62%	1066	25-Feb-10 A	25-Jun-14	25-Jun-14	25-Jun-14	0	SA42 - Temporary Contractor's Works Area																				
<b>Section 15 (Subject to Excision, Engineer may instruct within 819 days)</b>																														
A1220	Validity Period	819	63%	303	25-Feb-10 A	23-May-12	27-Aug-13	25-Jun-14	763	Validity Period																				
A1230	SA30 - North Bound	354	0%	354	25-May-12	13-May-13	25-May-12	20-May-13	7	SA30 - North Bound																				
A1240	SA30 - South Bound	122	0%	122	06-Dec-12	06-Apr-13	06-Dec-12	06-Apr-13	0	SA30 - South Bound																				
A1250	SA30 - Middle Lane	119	0%	119	27-Feb-13	25-Jun-13	27-Feb-13	25-Jun-13	0	SA30 - Middle Lane																				
<b>Section 16 (Subject to Excision, Engineer may instruct within 819 days)</b>																														
A1260	Validity Period	819	63%	303	25-Feb-10 A	23-May-12	27-Aug-13	25-Jun-14	763	Validity Period																				

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

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(dated on 22 July 2011, received on 29 July 2011)

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										Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
A1270	SA30 - North Bound	303	0%	303	24-May-12	22-Mar-13*	24-May-12	22-Mar-13	0	SA30 - North Bound																	
A1280	SA30 - South Bound	190	0%	190	18-Dec-12	25-Jun-13	18-Dec-12	25-Jun-13	0	SA30 - South Bound																	
A1290	SA30A - North Bound	398	0%	398	24-May-12	25-Jun-13	24-May-12	25-Jun-13	0	SA30A - North Bound																	
<b>Section 17 (Subject to Excision, Engineer may instruct within 819 days)</b>																											
A1300	Validity Period	819	63%	303	25-Feb-10 A	23-May-12	27-Aug-13	25-Jun-14	763	Validity Period																	
A1310	SA28 - North Bound	398	0%	398	24-May-12	25-Jun-13	24-May-12	25-Jun-13	0	SA28 - North Bound																	
A1320	SA30A - North Bound	398	0%	398	24-May-12	25-Jun-13	24-May-12	25-Jun-13	0	SA30A - North Bound																	
<b>KEY DATES/ MILESTONES</b>																											
<b>Portion Handover Dates</b>																											
<b>Section 1 (Site Area SA21)</b>																											
PHSA2100	Possession of SA21 (Day365)	0	100%	0	16-Jul-10 A						◇ Possession of SA21 (Day365)																
<b>Section 2 (Site Area SA22, SA23, SA24, SA25 and SA26)</b>																											
PHSA2200	Possession of SA22 (Day0)	0	100%	0	26-Feb-10 A						◇ Possession of SA22 (Day0)																
PHSA2300	Possession of SA23 (Day180)	0	100%	0	04-May-10 A						◇ Possession of SA23 (Day180)																
PHSA2400	Possession of SA24 (Day180)	0	100%	0	04-May-10 A						◇ Possession of SA24 (Day180)																
PHSA2500	Possession of SA25 (Day270)	0	100%	0	04-May-10 A						◇ Possession of SA25 (Day270)																
PHSA2600	Possession of SA26 (Day0)	0	100%	0	26-Feb-10 A						◇ Possession of SA26 (Day0)																
<b>Section 3 (Site Area SA26A and SA 27)</b>																											
PHSA26A0	Possession of SA26A (Day0)	0	100%	0	26-Feb-10 A						◇ Possession of SA26A (Day0)																
PHSA2700	Possession of SA27 (Day 90)	0	100%	0	26-Mar-10 A						◇ Possession of SA27 (Day 90)																
<b>Section 4 (Site Area SA28, SA29 and SA32)</b>																											
PHSA2800	Possession of SA28 (Day0)	0	100%	0	26-Feb-10 A						◇ Possession of SA28 (Day0)																
PHSA2900	Possession of SA29 (Day270)	0	100%	0	27-Jul-10 A						◇ Possession of SA29 (Day270)																
PHSA3200	Possession of SA32 (Day365)	0	100%	0	25-Feb-11 A						◇ Possession of SA32 (Day365)																
<b>Section 5 (Site Area SA31)</b>																											
PHSA3100	Possession of SA31 (Day0)	0	100%	0	26-Feb-10 A						◇ Possession of SA31 (Day0)																
<b>Section 7 (All Works Except Works Included in Other Sections)</b>																											
PHSA4100	Possession of SA41 (Day0)	0	100%	0	26-Feb-10 A						◇ Possession of SA41 (Day0)																
PHSA4200	Possession of SA42 (Day0)	0	100%	0	26-Feb-10 A						◇ Possession of SA42 (Day0)																
PHSA4300	Possession of SA43 (Day90)	0	100%	0	04-May-10 A						◇ Possession of SA43 (Day90)																
<b>Section 8 (Establishment Works in Site Area SA21)</b>																											
PHSA2110	Possession of SA21 (Day1217)	0	0%	0	26-Jun-13*			26-Jun-13	0		◇ Possession of SA21 (Day1217)																
<b>Section 9 (Establishment Works in Site Area SA22, SA23, SA24, SA25 and SA26)</b>																											
PHSA2210	Possession of SA22 (Day1217)	0	0%	0	26-Jun-13*			26-Jun-13	0		◇ Possession of SA22 (Day1217)																
PHSA2310	Possession of SA23 (Day1217)	0	0%	0	26-Jun-13*			26-Jun-13	0		◇ Possession of SA23 (Day1217)																
PHSA2420	Possession of SA24 (Day1217)	0	0%	0	26-Jun-13*			26-Jun-13	0		◇ Possession of SA24 (Day1217)																
PHSA2510	Possession of SA25 (Day1217)	0	0%	0	26-Jun-13*			26-Jun-13	0		◇ Possession of SA25 (Day1217)																
PHSA2610	Possession of SA26 (Day1217)	0	0%	0	26-Jun-13*			26-Jun-13	0		◇ Possession of SA26 (Day1217)																
<b>Section 10 (Establishment Works in Site Area SA26A and SA27)</b>																											
PHSA26A1	Possession of SA26A (Day1217)	0	0%	0	26-Jun-13*			26-Jun-13	0		◇ Possession of SA26A (Day1217)																

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										Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
PHSA2710	Possession of SA27 (Day1217)	0	0%	0	26-Jun-13*			26-Jun-13	0	◇ Possession of SA27 (1																												
<b>Section 11 (Establishment Works in Site Area SA28 and SA29)</b>																																						
PHSA2810	Possession of SA28 (Day1217)	0	0%	0	26-Jun-13*			26-Jun-13	0	◇ Possession of SA28 (1																												
PHSA2910	Possession of SA29 (Day1217)	0	0%	0	26-Jun-13*			26-Jun-13	0	◇ Possession of SA29 (1																												
<b>Section 12 (Establishment Works in Site Area SA30 and SA30A)</b>																																						
PHSA3000	Possession of SA30 (Day1217)	0	0%	0	26-Jun-13*			26-Jun-13	0	◇ Possession of SA30 (1																												
PHSA30A0	Possession of SA30A (Day1217)	0	0%	0	26-Jun-13*			26-Jun-13	0	◇ Possession of SA30A																												
<b>Section 13 (Remainder of Establishment Works)</b>																																						
PHSA3110	Possession of SA31 (Day1217)	0	0%	0	26-Jun-13*			26-Jun-13	0	◇ Possession of SA31 (1																												
PHSA3220	Possession of SA32 (Day1217)	0	0%	0	26-Jun-13*			26-Jun-13	0	◇ Possession of SA32 (1																												
PHSA4120	Possession of SA41 (Day1217)	0	0%	0	26-Jun-13*			26-Jun-13	0	◇ Possession of SA41 (1																												
PHSA4220	Possession of SA42 (Day1217)	0	0%	0	26-Jun-13*			26-Jun-13	0	◇ Possession of SA42 (1																												
PHSA4330	Possession of SA43 (Day1217)	0	0%	0	26-Jun-13*			26-Jun-13	0	◇ Possession of SA43 (1																												
<b>Section 14 Comprises Routine Maintenance of Road Network in Site Area SA21 to SA31)</b>																																						
PHSA2130	Possession of SA21 for Routine Maintenance (Day365)	0	100%	0	16-Jul-10 A					◇ Possession of SA21 for Routine Maintenance (Day365)																												
PHSA2230	Possession of SA22 for Routine Maintenance (Day0)	0	100%	0	26-Feb-10 A					◇ Possession of SA22 for Routine Maintenance (Day0)																												
PHSA2330	Possession of SA23 for Routine Maintenance (Day180)	0	100%	0	04-May-10 A					◇ Possession of SA23 for Routine Maintenance (Day180)																												
PHSA2430	Possession of SA24 for Routine Maintenance (Day180)	0	100%	0	04-May-10 A					◇ Possession of SA24 for Routine Maintenance (Day180)																												
PHSA2530	Possession of SA25 for Routine Maintenance (Day270)	0	100%	0	04-May-10 A					◇ Possession of SA25 for Routine Maintenance (Day270)																												
PHSA2630	Possession of SA26 for Routine Maintenance (Day0)	0	100%	0	26-Feb-10 A					◇ Possession of SA26 for Routine Maintenance (Day0)																												
PHSA26A3	Possession of SA26A for Routine Maintenance (Day0)	0	100%	0	26-Feb-10 A					◇ Possession of SA26A for Routine Maintenance (Day0)																												
PHSA2730	Possession of SA27 for Routine Maintenance (Day90)	0	100%	0	26-Mar-10 A					◇ Possession of SA27 for Routine Maintenance (Day90)																												
PHSA2830	Possession of SA28 for Routine Maintenance (Day0)	0	100%	0	26-Feb-10 A					◇ Possession of SA28 for Routine Maintenance (Day0)																												
PHSA2930	Possession of SA29 for Routine Maintenance (Day270)	0	100%	0	27-Jul-10 A					◇ Possession of SA29 for Routine Maintenance (Day270)																												
PHSA3060	Possession of SA30 for Routine Maintenance (Day0)	0	100%	0	26-Feb-10 A					◇ Possession of SA30 for Routine Maintenance (Day0)																												
PHSA30A4	Possession of SA30A for Routine Maintenance (Day180)	0	100%	0	27-Jul-10 A					◇ Possession of SA30A for Routine Maintenance (Day180)																												
PHSA3130	Possession of SA31 for Routine Maintenance	0	100%	0	26-Feb-10 A					◇ Possession of SA31 for Routine Maintenance																												
<b>Section 15 (Subject to Excision and Instruct by Engineer within 819 days)</b>																																						
PHSA3010	Earliest Date for Possession of SA30	0	100%	0	26-Feb-10 A					◇ Earliest Date for Possession of SA30																												
PHSA30A1	Earliest Date for Possession of SA30A	0	100%	0	27-Jul-10 A					◇ Earliest Date for Possession of SA30A																												
<b>Section 16 (Subject to Excision and Instruct by Engineer within 819 days)</b>																																						
PHSA3020	Earliest Date to Possession of SA30	0	100%	0	26-Feb-10 A					◇ Earliest Date to Possession of SA30																												
PHSA30A2	Earliest Date to Possession of SA30A	0	100%	0	27-Jul-10 A					◇ Earliest Date to Possession of SA30A																												
<b>Section 17 (Subject to Excision and Instruct by Engineer within 819 days)</b>																																						
PHSA3030	Earliest Date to Possession of SA30	0	100%	0	26-Feb-10 A					◇ Earliest Date to Possession of SA30																												
PHSA30A3	Earliest Date to Possession of SA30A	0	100%	0	27-Jul-10 A					◇ Earliest Date to Possession of SA30A																												
<b>Key Dates</b>																																						
HDS01000	KD1: Completion of Section 1 - (Day1216)	0	0%	0		25-Jun-13*		25-Jun-13	0	◇ KD1: Completion of S																												
HDS02000	KD2: Completion of Section 2 - (Day1216)	0	0%	0		02-Aug-13*		05-Jul-13	-28	◇ KD2: Completion of																												
HDS03000	KD3: Completion of Section 3 - (Day1216)	0	0%	0		26-Aug-13*		25-Aug-13	0	◇ KD3: Completion c																												
HDS04000	KD4: Completion of Section 4 - (Day1216)	0	0%	0		23-Aug-13*		06-Aug-13	-16	◇ KD4: Completion c																												

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										Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
HDS05000	KD5: Completion of Section 5 - (Day884)	0	0%	0		30-Jul-12*		30-Jul-12	0											◇ KD5: Completion of Section 5 - (Day884)
HDS07000	KD7: Completion of Section 7 - (Day1581)	0	0%	0		25-Jun-14*		25-Jun-14	0											◇
HDS08000	KD8: Completion of Section 8 - (Day1581)	0	0%	0		25-Jun-14*		25-Jun-14	0											◇
HDS09000	KD9: Completion of Section 9 - (Day1581)	0	0%	0		25-Jun-14*		25-Jun-14	0											◇
HDS10000	KD10: Completion of Section 10 - (Day1581)	0	0%	0		25-Jun-14*		25-Jun-14	0											◇
HDS11000	KD11: Completion of Section 11 - (Day1581)	0	0%	0		25-Jun-14*		25-Jun-14	0											◇
HDS12000	KD12: Completion of Section 12 - (Day1581)	0	0%	0		25-Jun-14*		25-Jun-14	0											◇
HDS13000	KD13: Completion of Section 13 - (Day1581)	0	0%	0		25-Jun-14*		25-Jun-14	0											◇
HDS14000	KD14: Completion of Section 14 - (Day1581)	0	0%	0		25-Jun-14*		25-Jun-14	0											◇
HDS15000	KD15: Latest Date to Compl of Section 15 - (Day397) Subject to Excisior	0	0%	0		25-Jun-13*		25-Jun-13	0											◇ KD15: Latest Date to
HDS16000	KD16: Latest Date to Compl of Section 16 - (Day397) Subject to Excisior	0	0%	0		25-Jun-13*		25-Jun-13	0											◇ KD16: Latest Date to
HDS17000	KD17: Latest Date to Compl of Section 17 - (Day397) Subject to Excisior	0	0%	0		25-Jun-13*		25-Jun-13	0											◇ KD17: Latest Date to

## DESIGN SUBMISSION

### Alternative Design

#### Ground Investigation & Reporting

AD000010	Ground Investigation for Alternative Design	54	100%	0	22-Mar-10 A	29-May-10 A	30-Jul-11	30-Jul-11													
AD000020	Report of Ground Investigation	56	100%	0	12-Apr-10 A	18-Jun-10 A	30-Jul-11	30-Jul-11													

Ground Investigation for Alternative Design  
Report of Ground Investigation

#### Package AD1: W56B

AD000110	AD1 - Design Period	80	100%	0	29-Mar-10 A	08-Jul-10 A	27-Jul-11	27-Jul-11													
AD000120	AD1 - Full Package to ICE for Certification	20	100%	0	09-Jul-10 A	31-Jul-10 A	27-Jul-11	27-Jul-11													
AD000130	AD1 - Approval by ER/CLIENT/CEDD (GEO)	101	100%	0	09-Jul-10 A	06-Nov-10 A	27-Jul-11	27-Jul-11													

AD1 - Design Period  
AD1 - Full Package to ICE for Certification  
AD1 - Approval by ER/CLIENT/CEDD (GEO)

#### Package AD2: W57B

AD000210	AD2 - Design Period	72	100%	0	14-Apr-10 A	10-Jul-10 A	26-Jun-14	26-Jun-14													
AD000220	AD2 - Full Package to ICE for Certification	44	100%	0	12-Jul-10 A	31-Aug-10 A	26-Jun-14	26-Jun-14													
AD000230	AD2 - Approval by ER/CLIENT/CEDD (GEO)	172	100%	0	26-Nov-10 A	26-Apr-11 A	26-Jun-14	26-Jun-14													

AD2 - Design Period  
AD2 - Full Package to ICE for Certification  
AD2 - Approval by ER/CLIENT/CEDD (GEO)

#### Package AD3: W69

AD000310	AD3 - Design Period	75	100%	0	03-May-10 A	31-Jul-10 A	01-Aug-11	01-Aug-11													
AD000320	AD3 - Full Package to ICE for Certification	57	100%	0	02-Aug-10 A	08-Oct-10 A	01-Aug-11	01-Aug-11													
AD000330	AD3 - Approval by ER/CLIENT/CEDD (GEO)	100	100%	0	02-Aug-10 A	29-Nov-10 A	01-Aug-11	01-Aug-11													

AD3 - Design Period  
AD3 - Full Package to ICE for Certification  
AD3 - Approval by ER/CLIENT/CEDD (GEO)

#### Package AD4: W38

AD000410	AD4 - Design Period	78	100%	0	09-Jun-10 A	09-Sep-10 A	30-Jul-11	30-Jul-11													
AD000420	AD4 - Full Package to ICE for Certification	18	100%	0	10-Sep-10 A	09-Nov-10 A	30-Jul-11	30-Jul-11													
AD000430	AD4 - Approval by ER/CLIENT/CEDD (GEO)	54	100%	0	11-Nov-10 A	15-Jan-11 A	30-Jul-11	30-Jul-11													

AD4 - Design Period  
AD4 - Full Package to ICE for Certification  
AD4 - Approval by ER/CLIENT/CEDD (GEO)

#### Package AD5 (Noise Barrier Foundation): NB38, NB39, NB41 & NB43

AD000510	AD5 - Design Period	98	100%	0	21-Jul-10 A	22-Oct-10 A	26-Jun-14	26-Jun-14													
AD000520	AD5 - Full Package to ICE for Certification	51	100%	0	23-Oct-10 A	22-Dec-10 A	26-Jun-14	26-Jun-14													
AD000530	AD5 - Approval by ER/CLIENT/CEDD (GEO)	74	100%	0	18-Oct-10 A	14-Jan-11 A	26-Jun-14	26-Jun-14													

AD5 - Design Period  
AD5 - Full Package to ICE for Certification  
AD5 - Approval by ER/CLIENT/CEDD (GEO)

## MATERIALS PROCUREMENT

### Major Materials (Detail shall refer to supplementary information)

#### Water Works

Project ID: J3318-UPDATE 2011-07  
Project Name: HY/2009/08 TOLO HIGHWAY WIDENING  
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Critical  
Milestone

Highways Department - Contract No. HY/2009/08  
Widening of Tolo Highway/ Fanling Highway  
Stage 1 - Between Ma Wo and Tai Hang

Updated Works Program (July 2011)

Updated to 26 July 2011  
(dated on 22 July 2011, received on 29 July 2011)

Activity ID	Activity Name	Original Duration	Activity % Complete	Remaining Duration	Start	Finish	Late Start	Late Finish	Total Float	2010			2011			2012			2013			2014			
										Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
MA001010	Place Order	0	100%	0	31-Aug-10 A																				
MA001030	Fabrication, Manufacturing & Delivery	900	36.56%	571	31-Aug-10 A	15-Feb-13	03-Dec-11	25-Jun-13	130																
<b>Vehicular Parapet SSD161</b>																									
MA001050	Place Order	0	100%	0	26-May-11 A																				
MA001060	Fabrication, Manufacturing & Delivery	350	17.43%	289	26-May-11 A	09-May-12	25-Oct-11	08-Aug-12	91																
<b>Bearing</b>																									
MA001070	Place Order	0	100%	0	31-Jul-10 A																				
MA001080	Fabrication, Manufacturing & Delivery	630	57.14%	270	31-Jul-10 A	20-Apr-12	10-Nov-11	05-Aug-12	107																
<b>Movement Joint</b>																									
MA001090	Place Order	0	100%	0	31-Aug-10 A																				
MA001100	Fabrication, Manufacturing & Delivery	620	53.06%	291	31-Aug-10 A	11-May-12	23-May-12	09-Mar-13	302																
<b>CONSTRUCTION PHASE</b>																									
<b>Preliminaries &amp; General Requirement</b>																									
<b>Preliminaries</b>																									
<b>General Submissions</b>																									
PR000000	Commencement of Works	0	100%	0	26-Feb-10 A																				
PR001000	Site Establishment	90	100%	0	26-Feb-10 A	25-May-10 A	27-Jun-11	27-Jun-11																	
PR001010	Effect required Insurances	0	100%	0	26-Feb-10 A																				
PR001030	Erect Contractor's Office Compound	69	100%	0	26-Feb-10 A	04-May-10 A	27-Jun-11	27-Jun-11																	
PR001040	Submit Site Organization Chart	14	100%	0	26-Feb-10 A	10-Mar-10 A	27-Jun-11	27-Jun-11																	
PR001050	Submit Site Layout Plan	7	100%	0	26-Feb-10 A	03-Mar-10 A	27-Jun-11	27-Jun-11																	
PR001060	Prepare/Submit Initial Works Programme	7	100%	0	26-Feb-10 A	03-Mar-10 A	27-Jun-11	27-Jun-11																	
PR001070	Approval on Initial Works Programme	30	100%	0	04-Mar-10 A	02-Apr-10 A	27-Jun-11	27-Jun-11																	
PR001080	Prepare/Submit Detailed Works Programme	58	100%	0	03-Apr-10 A	30-May-10 A	27-Jun-11	27-Jun-11																	
PR001090	Prepare/Submit First 3-month Programme	14	100%	0	26-Feb-10 A	10-Mar-10 A	27-Jun-11	27-Jun-11																	
PR001100	Submit initial 12-month Pgr for Rou. Maint. Work	14	100%	0	26-Feb-10 A	10-Mar-10 A	27-Jun-11	27-Jun-11																	
PR001110	Submit Rolling 3month Routine Maint. Program	14	100%	0	26-Feb-10 A	10-Mar-10 A	27-Jun-11	27-Jun-11																	
PR001170	Prepare/Submit Subcon Management Plan (SMP)	30	100%	0	26-Feb-10 A	26-Mar-10 A	27-Jun-11	27-Jun-11																	
PR001200	Submit Interface Management Plan	60	100%	0	26-Feb-10 A	25-Apr-10 A	27-Jun-11	27-Jun-11																	
PR001242	Application of Expressway Permit	7	100%	0	26-Feb-10 A	03-Mar-10 A	27-Jun-11	27-Jun-11																	
PR001244	Approval of Expressway Permit	21	100%	0	04-Mar-10 A	24-Mar-10 A	27-Jun-11	27-Jun-11																	
PR001246	Issurance of Excavation Permit form Hyd	7	100%	0	26-Feb-10 A	03-Mar-10 A	27-Jun-11	27-Jun-11																	
PR001256	Complete All General Submission	0	100%	0		30-May-10 A																			
<b>Technical Submission</b>																									
PR001250	Submit Draft Traffic Management Contingency	45	100%	0	26-Feb-10 A	10-Apr-10 A	05-Jun-12	05-Jun-12																	
PR001260	Submit Sch of Const Seq/TTA in Prin Agreement	14	100%	0	26-Feb-10 A	10-Mar-10 A	05-Jun-12	05-Jun-12																	
PR001270	Submit TIA/TTA to ER, TD, HKPF etc for Approval	60	100%	0	26-Feb-10 A	25-Apr-10 A	05-Jun-12	05-Jun-12																	
PR001280	Prepare/Submit Sch of Util Arrangement	60	100%	0	26-Feb-10 A	25-Apr-10 A	05-Jun-12	05-Jun-12																	
PR001290	Prepare/Submit Conc Mix Design and Trial Test	70	100%	0	26-Feb-10 A	05-May-10 A	05-Jun-12	05-Jun-12																	
PR001300	Perform Slope / Topographic Survey	95	100%	0	26-Feb-10 A	30-May-10 A	26-Oct-11	26-Oct-11																	
PR001310	Perform Natural Terrain Survey	200	100%	0	01-Jan-11 A	19-Jul-11 A	26-Oct-11	26-Oct-11																	

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### Highways Department - Contract No. HY/2009/08 Widening of Tolo Highway/ Fanling Highway Stage 1 - Between Ma Wo and Tai Hang

Updated Works Program (July 2011)

Updated to 26 July 2011  
(dated on 22 July 2011, received on 29 July 2011)

Activity ID	Activity Name	Original Duration	Activity % Complete	Remaining Duration	Start	Finish	Late Start	Late Finish	Total Float	2010												2011				2012				2013				2014			
										Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4				
PR001320	Perform Tree Survey	125	100%	0	26-Feb-10 A	29-Jun-10 A	14-Oct-11	14-Oct-11		Perform Tree Survey																											
PR001330	Perform Existing Structural Survey	95	100%	0	26-Feb-10 A	30-May-10 A	05-Jun-12	05-Jun-12		Perform Existing Structural Survey																											
PR001340	Install Geotechnical Instrumentation	90	100%	0	26-Feb-10 A	25-May-10 A	05-Jun-12	05-Jun-12		Install Geotechnical Instrumentation																											
PR001350	Design for Temporary Noise Barrier	120	100%	0	26-Feb-10 A	24-Jun-10 A	05-Jun-12	05-Jun-12		Design for Temporary Noise Barrier																											
PR001360	Approval for Temporary Noise Barrier	30	100%	0	26-Jun-10 A	24-Jul-10 A	05-Jun-12	05-Jun-12		Approval for Temporary Noise Barrier																											
PR001370	Design for Irrigation System	150	100%	0	26-Feb-10 A	24-Jul-10 A	05-Jun-12	05-Jun-12		Design for Irrigation System																											
PR001380	Approval for Irrigation System	24	100%	0	26-Feb-11 A	21-Mar-11 A	05-Jun-12	05-Jun-12		Approval for Irrigation System																											
PR001385	Detail review of the natural terrain hazard assessment by GEO	180	3.33%	174	20-Jul-11 A	15-Jan-12	26-Oct-11	16-Apr-12	92	Detail review of the natural terrain hazard assessment																											
PR001390	Design for Permanent Debris Catch Fence	180	3.33%	174	20-Jul-11 A	15-Jan-12	26-Oct-11	16-Apr-12	92	Design for Permanent Debris Catch Fence																											
PR001400	Approval for Debris Catch Fence System Design	30	0%	30	16-Jan-12	14-Feb-12	17-Apr-12	16-May-12	92	Approval for Debris Catch Fence System Design																											
PR001410	Temporary Works Design	200	100%	0	26-Feb-10 A	12-Sep-10 A	05-Jun-12	05-Jun-12		Temporary Works Design																											
PR001420	Complete All Technical Submission	0	0%	0		14-Feb-12		05-Jun-12	112	Complete All Technical Submission																											
<b>Specialist Consultants</b>																																					
PR001220	Nominate/Submit Horticulturist for Approval	45	100%	0	26-Feb-10 A	10-Apr-10 A	27-Jun-11	27-Jun-11		Nominate/Submit Horticulturist for Approval																											
PR001230	Nominate/Submit IIC (Highway Structures)	45	100%	0	26-Feb-10 A	10-Apr-10 A	27-Jun-11	27-Jun-11		Nominate/Submit IIC (Highway Structures)																											
PR001240	Nominate/Submit Traffic Consultant for Approval	7	100%	0	26-Feb-10 A	03-Mar-10 A	27-Jun-11	27-Jun-11		Nominate/Submit Traffic Consultant for Approval																											
PR001440	Complete Engagement of Specialist Consultants	0	100%	0		10-Apr-10 A				Complete Engagement of Specialist Consultants																											
<b>QSHE Submission</b>																																					
PR001120	Prepare/Submit Quality Plan	28	100%	0	26-Feb-10 A	24-Mar-10 A	26-Jun-14	26-Jun-14		Prepare/Submit Quality Plan																											
PR001130	Prepare/Submit Draft Health & Safety Plan	14	100%	0	26-Feb-10 A	10-Mar-10 A	26-Jun-14	26-Jun-14		Prepare/Submit Draft Health & Safety Plan																											
PR001140	Prepare/Submit Final Health & Safety Plan	35	100%	0	26-Feb-10 A	31-Mar-10 A	26-Jun-14	26-Jun-14		Prepare/Submit Final Health & Safety Plan																											
PR001150	Prepare/Submit Draft Env Management Plan	21	100%	0	26-Feb-10 A	17-Mar-10 A	26-Jun-14	26-Jun-14		Prepare/Submit Draft Env Management Plan																											
PR001160	Prepare/Submit Final Env Management Plan	45	100%	0	26-Feb-10 A	10-Apr-10 A	26-Jun-14	26-Jun-14		Prepare/Submit Final Env Management Plan																											
PR001180	Submit Site Management Plan for Trip Ticket Sys	45	100%	0	26-Feb-10 A	10-Apr-10 A	26-Jun-14	26-Jun-14		Submit Site Management Plan for Trip Ticket Sys																											
PR001430	Complete All QSHE Submission	0	100%	0		10-Apr-10 A				Complete All QSHE Submission																											
<b>Variation Orders</b>																																					
VO000010	VO. 1: Revised layout of Piles, NLKP5	0	100%	0	17-Jun-10 A					VO. 1: Revised layout of Piles, NLKP5																											
VO000020	VO. 2: Fencing Details Along Site Boundaries of SA29	0	100%	0	20-Aug-10 A					VO. 2: Fencing Details Along Site Boundaries of SA29																											
VO000030	VO. 3: Existing Bridge 12 Pilecap Concrete Testing (P5/6/8)	0	100%	0	17-Sep-10 A					VO. 3: Existing Bridge 12 Pilecap Concrete Testing (P5/6/8)																											
VO000040	VO. 4: Revised Setting Out Plan of Slip Road W in SA28 & SA31	0	100%	0	15-Sep-10 A					VO. 4: Revised Setting Out Plan of Slip Road W in SA28 & SA31																											
VO000050	VO. 5: Revised Setting Out Plan of Slip Road W in Site Area SA30	0	100%	0	15-Sep-10 A					VO. 5: Revised Setting Out Plan of Slip Road W in Site Area SA30																											
VO000060	VO. 6: Bridge 15A Pilecap Sleeving Details	0	100%	0	19-Oct-10 A					VO. 6: Bridge 15A Pilecap Sleeving Details																											
VO000070	VO. 7: Modification of Noise Barrier Footing for NB42 & NB44	0	100%	0	14-Dec-10 A					VO. 7: Modification of Noise Barrier Footing for NB42 & NB44																											
VO000080	VO. 8: Revised Layout of Southern Trunk Sewer	0	100%	0	15-Dec-10 A					VO. 8: Revised Layout of Southern Trunk Sewer																											
VO000090	VO. 9: Relocation and Deletion of Access Door at Noise Barrier	0	100%	0	04-Jan-11 A					VO. 9: Relocation and Deletion of Access Door at Noise Barrier																											
VO000100	VO. 10: Fencing details along Site Boundaries of Section subject to Excis	0	100%	0	04-Jan-11 A					VO. 10: Fencing details along Site Boundaries of Section subject to Excision																											
VO000110	VO. 11: Fencing details along Site Boundaries of Section subject to Excisi	0	100%	0	04-Jan-11 A					VO. 11: Fencing details along Site Boundaries of Section subject to Excision																											
VO000120	VO. 12: Fencing for Former Lot 1308 S.B in D.D.6	0	100%	0	12-Jan-11 A					VO. 12: Fencing for Former Lot 1308 S.B in D.D.6																											
<b>Section 1</b>																																					
<b>Site Area SA21</b>																																					
PHSA2120	Possession of SA21 (Day141)	0	100%	0	16-Jul-10 A					Possession of SA21 (Day141)																											
SA210000	Site Area SA21 Works Period	1076	34.85%	701	16-Jul-10 A	25-Jun-13	16-Jul-10	25-Jun-13	0	Site Area SA21 Works																											

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

**Updated Works Program (July 2011)**

Updated to 26 July 2011  
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Activity ID	Activity Name	Original Duration	Activity % Complete	Remaining Duration	Start	Finish	Late Start	Late Finish	Total Float	Gantt Chart																			
										2010				2011				2012				2013				2014			
										Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
SA210010	Site Area SA21 Works Completion	0	0%	0		25-Jun-13*		25-Jun-13	0	◇ Site Area SA21 Works																			
SA210020	Temporary Traffic Management (Detail shall refer to supplementary infor	872	34.86%	568	16-Jul-10 A	25-Jun-13	16-Jul-10	25-Jun-13	0	Temporary Traffic Mar																			
SA210030	Overall Utilities Diversion (Detail shall refer to supplementary information	872	34.86%	568	16-Jul-10 A	25-Jun-13	16-Jul-10	25-Jun-13	0	Overall Utilities Divers																			
<b>North Bound</b>																													
<b>Preliminaries</b>																													
S21N0000	Site Clearance/Access Rd & acquisition of Sub-con	63	100%	0	15-Oct-10 A	30-Dec-10 A	28-Jul-11	28-Jul-11		Site Clearance/Access Rd & acquisition of Sub-con																			
<b>Slopeworks</b>																													
S21N5000	Slopeworks Fill(S21)	72	0%	72	22-Nov-11	20-Feb-12	02-Mar-12	31-May-12	81	Slopeworks Fill(S21)																			
S21N5010	U-Channel and Berm	48	0%	48	06-Jan-12	05-Mar-12	18-Apr-12	14-Jun-12	81	U-Channel and Berm																			
S21N5100	Slopeworks Cut(S22)	266	18.8%	216	17-Feb-11 A	17-Apr-12	17-Feb-11	05-Jun-12	40	Slopeworks Cut(S22)																			
S21N5110	Slopeworks Cut (S22) - Stage 1 (Upper +59mPD)	74	70%	22	17-Feb-11 A	20-Aug-11	10-Sep-11	10-Oct-11	40	Slopeworks Cut (S22) - Stage 1 (Upper +59mPD)																			
S21N5120	Slopeworks Cut (S22) - Stage 2 (Middle +57mPD)	72	0%	72	26-Jul-11	20-Oct-11	10-Sep-11	06-Dec-11	40	Slopeworks Cut (S22) - Stage 2 (Middle +57mPD)																			
S21N5130	Slopeworks Cut (S22) - Stage 3 (Lower +55mPD)	72	0%	72	21-Oct-11	16-Jan-12	07-Dec-11	06-Mar-12	40	Slopeworks Cut (S22) - Stage 3 (Lower +55mPD)																			
S21N5140	U-Channel and Berm	36	0%	36	17-Jan-12	01-Mar-12	07-Mar-12	21-Apr-12	40	U-Channel and Berm																			
S21N5150	Shotcreting/Plantation	36	0%	36	02-Mar-12	17-Apr-12	23-Apr-12	05-Jun-12	40	Shotcreting/Plantation																			
S21N5200	Slopeworks Fill(S24)	110	0%	110	27-Aug-11	10-Jan-12	25-Nov-11	12-Apr-12	74	Slopeworks Fill(S24)																			
S21N5210	Slopeworks Fill(S24) - Stage 1 (Lower +49mPD)	55	0%	55	27-Aug-11	03-Nov-11	25-Nov-11	03-Feb-12	74	Slopeworks Fill(S24) - Stage 1 (Lower +49mPD)																			
S21N5220	Slopeworks Fill(S24) - Stage 2 (Upper +52mPD)	55	0%	55	03-Nov-11	10-Jan-12	04-Feb-12	12-Apr-12	74	Slopeworks Fill(S24) - Stage 2 (Upper +52mPD)																			
S21N5800	Debris Catcher Fence and NTHA Protective Measures (Area 2A-3) (Pro	96	0%	96	18-Apr-12	11-Aug-12	06-Jun-12	27-Sep-12	40	Debris Catcher Fence and NTHA/Protect																			
S21N5810	Access Rock to Hazard Rock Areas	30	0%	30	18-Apr-12	23-May-12	06-Jun-12	12-Jul-12	40	Access Rock to Hazard Rock Areas																			
S21N5820	Installation of Rock Fall Fence	66	0%	66	24-May-12	11-Aug-12	13-Jul-12	27-Sep-12	40	Installation of Rock Fall Fence																			
<b>Extension of Culverts</b>																													
S21N1000	Extension of Box Culvert (N581)	148	100%	0	08-Nov-10 A	21-Mar-11 A				Extension of Box Culvert (N581)																			
S21N1010	Temporary Water Diversion	23	100%	0	08-Nov-10 A	11-Dec-10 A	28-Jul-11	28-Jul-11		Temporary Water Diversion																			
S21N1020	Construction of Base Slab	75	100%	0	13-Dec-10 A	02-Mar-11 A	28-Jul-11	28-Jul-11		Construction of Base Slab																			
S21N1030	Construction of Wall Stem	50	100%	0	13-Dec-10 A	21-Mar-11 A	28-Jul-11	28-Jul-11		Construction of Wall Stem																			
S21N1040	Construction of Top Slab	45	100%	0	19-Jan-11 A	21-Mar-11 A	28-Jul-11	28-Jul-11		Construction of Top Slab																			
S21N1050	Extension of Box Culvert (TP9), Upstream	261	51.15%	128	26-Mar-11 A	24-Dec-11	26-Mar-11	16-Jun-12	139	Extension of Box Culvert (TP9), Upstream																			
S21N1060	Temporary Water Diversion	16	100%	0	26-Mar-11 A	15-Apr-11 A	28-Jul-11	28-Jul-11		Temporary Water Diversion																			
S21N1070	Construction of Base Slab	75	50%	38	30-Mar-11 A	07-Sep-11	28-Jul-11	09-Sep-11	3	Construction of Base Slab																			
S21N1080	Construction of Wall Stem	50	10%	45	20-May-11 A	02-Nov-11	27-Feb-12	23-Apr-12	139	Construction of Wall Stem																			
S21N1090	Construction of Top Slab	45	0%	45	02-Nov-11	24-Dec-11	24-Apr-12	16-Jun-12	139	Construction of Top Slab																			
<b>Construction of Retaining Wall</b>																													
<b>Retaining Wall W35</b>																													
S21N2000	Sheet Pile/Excavate & Construct W35	53	100%	0	26-Mar-11 A	02-Jun-11 A				Sheet Pile/Excavate & Construct W35																			
S21N2010	Opencut excavation	18	100%	0	26-Mar-11 A	16-Apr-11 A	21-Sep-11	21-Sep-11		Opencut excavation																			
S21N2020	Construction of W35 Structure	30	100%	0	26-May-11 A	18-Jun-11 A	21-Sep-11	21-Sep-11		Construction of W35 Structure																			
S21N2030	Backfilling	14	0%	14	26-Jul-11	10-Aug-11	21-Sep-11	08-Oct-11	48	Backfilling																			
<b>Retaining Wall W36</b>																													
S21N2100	Sheet Pile/Excavate & Construct W36	85	0%	85	11-Aug-11	21-Nov-11	10-Oct-11	19-Jan-12	48	Sheet Pile/Excavate & Construct W36																			
S21N2110	Opencut excavation	12	0%	12	11-Aug-11	24-Aug-11	10-Oct-11	22-Oct-11	48	Opencut excavation																			
S21N2120	Construction of W36 Structure	50	0%	50	25-Aug-11	25-Oct-11	24-Oct-11	20-Dec-11	48	Construction of W36 Structure																			
S21N2130	Backfilling	23	0%	23	26-Oct-11	21-Nov-11	21-Dec-11	19-Jan-12	48	Backfilling																			

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Activity ID	Activity Name	Original Duration	Activity % Complete	Remaining Duration	Start	Finish	Late Start	Late Finish	Total Float	2010				2011				2012				2013				2014								
										Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4					
<b>Retaining Wall W38 (AD4)</b>											<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; background-color: white; margin-right: 5px;"></span> Pre-drilling</li> <li><span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; background-color: white; margin-right: 5px;"></span> Prepare Piling Platform for W38</li> <li><span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; background-color: white; margin-right: 5px;"></span> Pile for W38 (2 rig)</li> <li><span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; background-color: white; margin-right: 5px;"></span> Installation of Piles - Stage 1 (CH2470-2545)</li> <li><span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; background-color: white; margin-right: 5px;"></span> Installation of Piles - Stage 2 (Remain)</li> <li><span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; background-color: white; margin-right: 5px;"></span> Retaining Wall &amp; Drainage W38</li> <li><span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; background-color: white; margin-right: 5px;"></span> Excavation and Testing of Tension Piles - Stage 1 (CH2470-2545)</li> <li><span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; background-color: white; margin-right: 5px;"></span> Construction of Base Slab - Stage 1 (CH2470-2545)</li> <li><span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; background-color: white; margin-right: 5px;"></span> Construction of Wall Stem - Stage 1 (CH2470-2545)</li> <li><span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; background-color: white; margin-right: 5px;"></span> Construction of Drainage &amp; Backfill - Stage 1 (CH2470-2545)</li> <li><span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; background-color: white; margin-right: 5px;"></span> Excavation and Testing of Tension Piles - Stage 2 (Remain)</li> <li><span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; background-color: white; margin-right: 5px;"></span> Construction of Base Slab - Stage 2 (Remain)</li> <li><span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; background-color: white; margin-right: 5px;"></span> Construction of Wall Stem - Stage 2 (Remain)</li> <li><span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; background-color: white; margin-right: 5px;"></span> Construction of Drainage &amp; Backfill - Stage 2 (Remain)</li> </ul>																							
<b>Retaining Wall W39</b>											<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; background-color: white; margin-right: 5px;"></span> Clearing &amp; Prepare Piling Platform &amp; Pre-drilling for W39</li> <li><span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; background-color: white; margin-right: 5px;"></span> Piling Works</li> <li><span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; background-color: white; margin-right: 5px;"></span> Sheet Pile/Excavate &amp; Construct W39</li> <li><span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; background-color: white; margin-right: 5px;"></span> Opencut Excavation</li> <li><span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; background-color: white; margin-right: 5px;"></span> Construction of W39 Structure</li> <li><span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; background-color: white; margin-right: 5px;"></span> Backfilling</li> </ul>																							
<b>Retaining Wall W40</b>											<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; background-color: white; margin-right: 5px;"></span> Clearing &amp; Prepare Piling Platform &amp; Pre-drilling for W40</li> <li><span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; background-color: white; margin-right: 5px;"></span> Piles for W40</li> <li><span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; background-color: white; margin-right: 5px;"></span> Sheet Pile/Excavate &amp; Construct W40</li> </ul>																							
<b>Retaining Wall W44</b>											<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; background-color: white; margin-right: 5px;"></span> Clearing &amp; Prepare Piling Platform &amp; Pre-drilling for W44</li> <li><span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; background-color: white; margin-right: 5px;"></span> Piles for W44</li> <li><span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; background-color: white; margin-right: 5px;"></span> Sheet Pile/Excavate &amp; Construct W44</li> </ul>																							
<b>Retaining Wall W41A</b>											<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; background-color: white; margin-right: 5px;"></span> Sheet Pile/Excavate &amp; Construct W41A</li> <li><span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; background-color: white; margin-right: 5px;"></span> Opencut Excavation</li> <li><span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; background-color: white; margin-right: 5px;"></span> Construction of W41A Structure</li> <li><span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; background-color: white; margin-right: 5px;"></span> Backfilling</li> </ul>																							
<b>Retaining Wall W41B</b>											<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; background-color: white; margin-right: 5px;"></span> Sheet Pile/Excavate &amp; Construct W41B</li> <li><span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; background-color: white; margin-right: 5px;"></span> Opencut Excavation</li> <li><span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; background-color: white; margin-right: 5px;"></span> Construction of W41B Structure</li> <li><span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; background-color: white; margin-right: 5px;"></span> Backfilling</li> </ul>																							
<b>Retaining Wall W45-48/A</b>											<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; background-color: white; margin-right: 5px;"></span> Sheet Pile/Excavate &amp; Construct W45-48/A</li> <li><span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; background-color: white; margin-right: 5px;"></span> Opencut Excavation (W45, W46 &amp; W47)</li> <li><span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; background-color: white; margin-right: 5px;"></span> Opencut Excavation (W48, W48A)</li> </ul>																							

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										2010				2011				2012				2013				2014											
										Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4				
S21N4812	TCSS (Stage 2.2 W36 - W38) Portion 1	36	0%	36	21-Jul-12	01-Sep-12	25-Jul-12	04-Sep-12	3	TCSS (Stage 2.2 W36 - W38) Portion 1																											
S21N4813	TCSS (Stage 2.3 W36 - W38) Portion 2	36	0%	36	01-Sep-12	16-Oct-12	05-Sep-12	18-Oct-12	3	TCSS (Stage 2.3 W36 - W38) Portion 2																											
<b>Landscaping</b>																																					
S21N6000	Landscaping Works	216	0%	216	18-Aug-12	14-May-13	28-Sep-12	25-Jun-13	35	Landscaping Works																											
S21N6010	Landscaping Works (Stage 1) (ch2400 - 2540)	72	0%	72	18-Aug-12	14-Nov-12	28-Sep-12	24-Dec-12	35	Landscaping Works (Stage 1) (ch2400 - 2540)																											
S21N6020	Landscaping Works (Stage 2) (ch2540 - 2690)	72	0%	72	14-Nov-12	09-Feb-13	27-Dec-12	25-Mar-13	35	Landscaping Works (Stage 2) (ch2540 - 2690)																											
S21N6030	Landscaping Works (Stage 3) (ch2690 - 2840)	72	0%	72	09-Feb-13	14-May-13	26-Mar-13	25-Jun-13	35	Landscaping Works (Stage 3) (ch2690 - 2840)																											
<b>South Bound</b>																																					
<b>Preliminaries</b>																																					
S21S0000	Site Clearance/Access Rd	48	100%	0	15-Oct-10 A	10-Dec-10 A				Site Clearance/Access Rd																											
S21S0010	Site Clearance	36	100%	0	15-Oct-10 A	26-Nov-10 A	25-Aug-11	25-Aug-11		Site Clearance																											
S21S0030	Access Road	34	100%	0	02-Nov-10 A	10-Dec-10 A	25-Aug-11	25-Aug-11		Access Road																											
<b>Slopeworks</b>																																					
S21S5000	Slopeworks Fill(S26)	120	0%	120	24-Sep-11	21-Feb-12	26-Jan-12	20-Jun-12	98	Slopeworks Fill(S26)																											
S21S5010	Slopeworks Fill(S26) - Lower +50mPD	60	0%	60	24-Sep-11	06-Dec-11	26-Jan-12	05-Apr-12	98	Slopeworks Fill(S26) - Lower +50mPD																											
S21S5020	Slopeworks Fill(S26) - Upper +55mPD	60	0%	60	06-Dec-11	21-Feb-12	10-Apr-12	20-Jun-12	98	Slopeworks Fill(S26) - Upper +55mPD																											
S21S5100	Slopeworks Fill(S27)	120	0%	120	24-Sep-11	21-Feb-12	26-Jan-12	20-Jun-12	98	Slopeworks Fill(S27)																											
S21S5110	Slopeworks Fill(S27) - Lower +50mPD	60	0%	60	24-Sep-11	06-Dec-11	26-Jan-12	05-Apr-12	98	Slopeworks Fill(S27) - Lower +50mPD																											
S21S5120	Slopeworks Fill(S27) - Lower +55mPD	60	0%	60	06-Dec-11	21-Feb-12	10-Apr-12	20-Jun-12	98	Slopeworks Fill(S27) - Lower +55mPD																											
<b>Extension of Culverts</b>																																					
S21S1100	Extension of Box Culvert (TP9), Downstream	60	0%	60	05-Apr-12	20-Jun-12	20-Jun-12	30-Aug-12	60	Extension of Box Culvert (TP9), Downstream																											
S21S5130	Temporary Water Diversion	12	0%	12	05-Apr-12	23-Apr-12	20-Jun-12	05-Jul-12	60	Temporary Water Diversion																											
S21S5140	Construction of Base Slab, Wall & Top Slab	48	0%	48	23-Apr-12	20-Jun-12	06-Jul-12	30-Aug-12	60	Construction of Base Slab, Wall & Top Slab																											
<b>Construction of Retaining Wall</b>																																					
<b>Retaining Wall W50</b>																																					
S21S2000	Sheet Pile/Excavate & Construct W50 (w/SP)	77	0%	77	26-Apr-12	30-Jul-12	21-Jun-12	20-Sep-12	46	Sheet Pile/Excavate & Construct W50 (w/SP)																											
S21S2010	Sheet Pile & ELS Works	24	0%	24	26-Apr-12	25-May-12	21-Jun-12	20-Jul-12	46	Sheet Pile & ELS Works																											
S21S2020	Construction of W50 Structure	42	0%	42	25-May-12	17-Jul-12	21-Jul-12	07-Sep-12	46	Construction of W50 Structure																											
S21S2030	Backfilling	18	0%	18	09-Jul-12	30-Jul-12	31-Aug-12	20-Sep-12	46	Backfilling																											
<b>Retaining Wall W51-56</b>																																					
S21S2100	Sheet Pile / Excavate & Construct W51-56 (w/SP)	216	3.59%	208	25-Feb-11 A	05-Apr-12	25-Feb-11	10-May-12	27	Sheet Pile / Excavate & Construct W51-56 (w/SP)																											
S21S2110	Sheet Pile & ELS Works (W51)	24	100%	0	25-Feb-11 A	11-May-11 A	25-Aug-11	25-Aug-11		Sheet Pile & ELS Works (W51)																											
S21S2120	Construction of W51 Structure	42	37.5%	26	19-Apr-11 A	25-Aug-11	25-Aug-11	26-Sep-11	27	Construction of W51 Structure																											
S21S2130	Sheet Pile & ELS Works (W52 & W53)	24	0%	24	28-Jul-11	25-Aug-11	29-Aug-11	26-Sep-11	27	Sheet Pile & ELS Works (W52 & W53)																											
S21S2140	Construction of WW52 & W53 Structure	42	0%	42	25-Aug-11	17-Oct-11	27-Sep-11	16-Nov-11	27	Construction of WW52 & W53 Structure																											
S21S2150	Backfilling of W51, W52 & W53	24	0%	24	17-Oct-11	14-Nov-11	17-Nov-11	14-Dec-11	27	Backfilling of W51, W52 & W53																											
S21S2160	Sheet Pile & ELS Works (W54, 55 & 56)	24	0%	24	14-Nov-11	12-Dec-11	15-Dec-11	14-Jan-12	27	Sheet Pile & ELS Works (W54, 55 & 56)																											
S21S2170	Construction of W54, 55 & 56 Structure	42	0%	42	12-Dec-11	06-Feb-12	16-Jan-12	07-Mar-12	27	Construction of W54, 55 & 56 Structure																											
S21S2180	Backfilling of W54, 55 & 56	50	0%	50	06-Feb-12	05-Apr-12	08-Mar-12	10-May-12	27	Backfilling of W54, 55 & 56																											
<b>Retaining Wall W51A</b>																																					
S21S2161	Pre-drilling for W51A	12	0%	12	26-Jul-11	08-Aug-11	31-Aug-11	15-Sep-11	32	Pre-drilling for W51A																											
S21S2162	Piling	24	0%	24	09-Aug-11	05-Sep-11	15-Sep-11	15-Oct-11	32	Piling																											
S21S2163	Excavate to cut-off level	8	50%	4	17-Jan-11 A	09-Sep-11	15-Oct-11	20-Oct-11	32	Excavate to cut-off level																											

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										Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
<b>Middle Lane</b>																				
<b>Roadworks, Drainage &amp; Utilities</b>																				
S21M4000	Roadworks, Drainage & Utilities (Stage 1) (ch2400-ch2810) near NB30	120	0%	120	22-Jan-13	22-Jun-13	25-Jan-13	25-Jun-13	3											
S21M4001	Road Surface, Roadmark and Lane Shifting (Stage 1.1) near NB30	60	0%	60	22-Jan-13	10-Apr-13	25-Jan-13	12-Apr-13	3											
S21M4002	Drainage (Stage 1.1) near NB30	42	0%	42	08-Feb-13	06-Apr-13	19-Feb-13	12-Apr-13	6											
S21M4003	Utilities (Stage 1.1) near NB30	42	0%	42	22-Jan-13	15-Mar-13	29-Jan-13	21-Mar-13	6											
S21M4004	Road Surface, Roadmark and Lane Shifting (Stage 1.2) near NB33	60	0%	60	10-Apr-13	22-Jun-13	13-Apr-13	25-Jun-13	3											
S21M4005	Drainage (Stage 1.2) near NB33	42	0%	42	27-Apr-13	19-Jun-13	06-May-13	25-Jun-13	6											
S21M4006	Utilities (Stage 1.2) near NB33	42	0%	42	10-Apr-13	31-May-13	17-Apr-13	06-Jun-13	6											
S21M4010	Roadworks, Drainage & Utilities (Stage 2) (ch2400-ch2460) near NB29A	69	0%	69	21-Mar-13	18-Jun-13	02-Apr-13	25-Jun-13	7											
S21M4011	Road Surface, Roadmark and Lane Shifting (Stage 2)	60	0%	60	05-Apr-13	18-Jun-13	13-Apr-13	25-Jun-13	7											
S21M4012	Drainage (Stage 2)	42	0%	42	26-Apr-13	18-Jun-13	06-May-13	25-Jun-13	7											
S21M4013	Utilities (Stage 2)	42	0%	42	21-Mar-13	15-May-13	02-Apr-13	23-May-13	7											
<b>Noise Barriers &amp; Road Barriers</b>																				
S21M3000	Construct Noise Barrier NB32	60	0%	60	27-Mar-13	13-Jun-13	13-Apr-13	25-Jun-13	11											
S21M3010	Erecting H-Column	36	0%	36	27-Mar-13	14-May-13	13-Apr-13	27-May-13	11											
S21M3020	Installing Panel & Road Barrier	36	0%	36	29-Apr-13	13-Jun-13	13-May-13	25-Jun-13	11											
<b>Noise barrier NB32, G23A &amp; G60A on Mini-Piles</b>																				
S21M360	Pre-drilling for G23A & G60A	10	0%	10	07-Dec-12	19-Dec-12	20-Dec-12	03-Jan-13	11											
S21M370	Mini-Pile for G23A & G60A	24	0%	24	19-Dec-12	19-Jan-13	04-Jan-13	31-Jan-13	11											
S21M380	Excavate to cut-off level	18	0%	18	19-Jan-13	09-Feb-13	01-Feb-13	25-Feb-13	11											
S21M390	Capping for NB32 (C5), G23A & G60A	24	0%	24	09-Feb-13	13-Mar-13	26-Feb-13	25-Mar-13	11											
S21M400	Backfilling	12	0%	12	13-Mar-13	27-Mar-13	26-Mar-13	12-Apr-13	11											
<b>Section 2</b>																				
<b>Site Area SA22</b>																				
PHSA2220	Possession of SA22 (Day0)	0	100%	0	26-Feb-10 A															
SA220000	Site Area SA22 Works Period	1216	39.23%	739	26-Feb-10 A	02-Aug-13	26-Feb-10	05-Jul-13	-28											
SA220010	Site Area SA22 Works Completion	0	0%	0		02-Aug-13*		05-Jul-13	-28											
SA220020	Temporary Traffic Management (Detail shall refer to supplementary infor	985	24.97%	739	25-Feb-10 A	02-Aug-13	05-Jul-13	05-Jul-13	-28											
SA220030	Overall Utilities Diversion (Detail shall refer to supplementary information	985	24.97%	739	25-Feb-10 A	02-Aug-13	05-Jul-13	05-Jul-13	-28											
<b>North Bound</b>																				
<b>Preliminaries</b>																				
S22N0000	Site Clearance/Access Rd (W56A&W56B)	90	100%	0	26-Feb-10 A	18-Jun-10 A														
S22N0001	Site Clearance - Stage 1 (Near W56A)	30	100%	0	26-Feb-10 A	01-Apr-10 A	27-Jun-11	27-Jun-11												
S22N0002	Access Road - Stage 1 (Near W56A)	30	100%	0	22-Mar-10 A	29-Apr-10 A	27-Jun-11	27-Jun-11												
S22N0003	Site Clearance - Stage 2 (Near W56B)	30	100%	0	19-Apr-10 A	25-May-10 A	27-Jun-11	27-Jun-11												
S22N0004	Access Road - Stage 2 (Near W56B)	30	100%	0	13-May-10 A	18-Jun-10 A	27-Jun-11	27-Jun-11												
S22N0030	Erection of Temp Safety Fence (N/B ch2840-3150)	60	100%	0	10-May-10 A	21-Jul-10 A														
S22N0040	Erection of Temp Safety Fence (N/B ch2840-3000)	30	100%	0	10-May-10 A	14-Jun-10 A	14-Oct-11	14-Oct-11												
S22N0050	Erection of Temp Safety Fence (N/B ch3000-3150)	30	100%	0	15-Jun-10 A	21-Jul-10 A	14-Oct-11	14-Oct-11												
<b>Slopeworks</b>																				
S22N5000	Slopeworks Cut & U-Channel/Berm (S29-sn), C4	421	55.91%	186	22-Jul-10 A	08-Mar-12	22-Jul-10	31-May-12	66											

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										Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
S22N5010	Slopesworks (S29) & U-channel/Berm - Stage 1 (Cutslope)	12	100%	0	22-Jul-10 A	04-Aug-10 A	14-Oct-11	14-Oct-11		█ Slopesworks (S29) & U-channel/Berm - Stage 1 (Cutslope)																			
S22N5020	Slopesworks (S29) - Stage 1 (Soil Nail Installation : QRS)	12	100%	0	26-Mar-11 A	09-Apr-11 A	14-Oct-11	14-Oct-11		█ Slopesworks (S29) - Stage 1 (Soil Nail Installation : QRS)																			
S22N5040	Slopesworks (S29) & U-Channel/Berm - Stage 2 (Cutslope)	50	100%	0	19-Aug-10 A	19-Oct-10 A	14-Oct-11	14-Oct-11		█ Slopesworks (S29) & U-Channel/Berm - Stage 2 (Cutslope)																			
S22N5050	Slopesworks (S29) - Stage 2 (Soil Nail Installation : MNOP)	21	100%	0	02-Apr-11 A	30-Apr-11 A	14-Oct-11	14-Oct-11		█ Slopesworks (S29) - Stage 2 (Soil Nail Installation : MNOP)																			
S22N5070	Slopesworks (S29) & U-Channel/Berm - Stage 3 (Cutslope)	28	100%	0	21-Oct-10 A	13-Nov-10 A	14-Oct-11	14-Oct-11		█ Slopesworks (S29) & U-Channel/Berm - Stage 3 (Cutslope)																			
S22N5080	Slopesworks (S29) - Stage 3 (Soil Nail Installation : IJKL)	36	84.44%	6	27-Jun-11 A	01-Aug-11	14-Oct-11	20-Oct-11	66	█ Slopesworks (S29) - Stage 3 (Soil Nail Installation : IJKL)																			
S22N5100	Slopesworks (S29) & U-Channel/Berm - Stage 4 (Cutslope)	36	0%	36	01-Aug-11	12-Sep-11	21-Oct-11	01-Dec-11	66	█ Slopesworks (S29) & U-Channel/Berm - Stage 4 (Cutslope)																			
S22N5110	Slopesworks (S29) - Stage 4 (Soil Nail Installation : EFGH)	36	0%	36	12-Sep-11	27-Oct-11	02-Dec-11	16-Jan-12	66	█ Slopesworks (S29) - Stage 4 (Soil Nail Installation : EFGH)																			
S22N5130	Slopesworks (S29) & U-Channel/Berm - Stage 5 (Cutslope)	36	0%	36	27-Oct-11	08-Dec-11	17-Jan-12	01-Mar-12	66	█ Slopesworks (S29) & U-Channel/Berm - Stage 5 (Cutslope)																			
S22N5140	Slopesworks (S29) - Stage 5 (Soil Nail Installation : ABCD)	36	0%	36	08-Dec-11	26-Jan-12	02-Mar-12	17-Apr-12	66	█ Slopesworks (S29) - Stage 5 (Soil Nail Installation : ABCD)																			
S22N5160	Slopesworks (S29) & U-Channel/Berm - Stage 6 (Cutslope)	36	0%	36	26-Jan-12	08-Mar-12	18-Apr-12	31-May-12	66	█ Slopesworks (S29) & U-Channel/Berm - Stage 6 (Cutslope)																			
S22N5180	Debris Catcher Fence and NTHA Protective Measures (Area 3A) [Provis	144	0%	144	16-Oct-12	15-Apr-13	07-Jan-13	05-Jul-13	66	█ Debris Catcher Fence and NTHA Protective Measures (Area 3A)																			
S22N5200	Place order for Fabrication of Rock Fall Fence	0	0%	0	08-Mar-12		01-Jun-12		66	◆ Place order for Fabrication of Rock Fall Fence																			
S22N5210	Site Access to Hazard Rock Areas	72	0%	72	16-Oct-12	12-Jan-13	07-Jan-13	08-Apr-13	66	█ Site Access to Hazard Rock Areas																			
S22N5220	Installation of Rock Fall Fence	72	0%	72	12-Jan-13	15-Apr-13	09-Apr-13	05-Jul-13	66	█ Installation of Rock Fall Fence																			
<b>Construction of Retaining Wall</b>																													
<b>Retaining Wall W56A, (CSD 1)</b>																													
S22N2154	Excavate to cut-off level (Stage 1, Bay 1 - 5)	60	90%	6	20-Apr-11 A	01-Aug-11	26-Jul-11	01-Aug-11	0	█ Excavate to cut-off level (Stage 1, Bay 1 - 5)																			
S22N2155	Excavate to cut-off level (Stage 2, Bay 5 - 9))	60	0%	60	02-Aug-11	13-Oct-11	02-Aug-11	13-Oct-11	0	█ Excavate to cut-off level (Stage 2, Bay 5 - 9))																			
S22N2160	Base Slab for W56A	141	0%	141	07-Mar-11 A	12-Jan-12	07-Mar-11	12-Jan-12	0	█ Base Slab for W56A																			
S22N2165	Base Slab for W56A (Stage 1), South	50	83%	9	07-Mar-11 A	11-Aug-11	17-Sep-11	27-Sep-11	39	█ Base Slab for W56A (Stage 1), South																			
S22N2166	Base Slab for W56A (Stage 2), North	75	0%	75	14-Oct-11	12-Jan-12	14-Oct-11	12-Jan-12	0	█ Base Slab for W56A (Stage 2), North																			
S22N2170	Wall Stem	172	0%	210	15-Jun-11 A	10-Apr-12	15-Jun-11	10-Apr-12	0	█ Wall Stem																			
S22N2171	Wall Stem (Bay 1 - 2)	25	50%	13	15-Jun-11 A	25-Aug-11	27-Sep-11	13-Oct-11	39	█ Wall Stem (Bay 1 - 2)																			
S22N2173	Wall Stem (Bay 3 - 4)	25	0%	25	26-Aug-11	24-Sep-11	14-Oct-11	11-Nov-11	39	█ Wall Stem (Bay 3 - 4)																			
S22N2174	Wall Stem (Bay 5 - 6)	25	0%	25	26-Sep-11	26-Oct-11	12-Nov-11	10-Dec-11	39	█ Wall Stem (Bay 5 - 6)																			
S22N2175	Wall Stem (Bay 7 - 8)	25	0%	25	27-Oct-11	24-Nov-11	12-Dec-11	12-Jan-12	39	█ Wall Stem (Bay 7 - 8)																			
S22N2176	Wall Stem (Bay 9)	25	0%	25	13-Jan-12	14-Feb-12	13-Jan-12	14-Feb-12	0	█ Wall Stem (Bay 9)																			
S22N2186	Backfill	44	0%	44	15-Feb-12	10-Apr-12	15-Feb-12	10-Apr-12	0	█ Backfill																			
<b>Retaining Wall W56B on Mini-Piles (AD 1)</b>																													
S22N2210	Prepare Piling Platform for W56B	37	100%	0	02-Oct-10 A	11-Feb-11 A	27-Jul-11	27-Jul-11		█ Prepare Piling Platform for W56B																			
S22N2220	Pre-drilling for W56B	37	100%	0	02-Oct-10 A	15-Nov-10 A	27-Jul-11	27-Jul-11		█ Pre-drilling for W56B																			
S22N2240	Pipe Pile for W56B	98	100%	0	20-Nov-10 A	21-Mar-11 A				█ Pipe Pile for W56B																			
S22N2241	Pipe Pile for W56B - Stage 1 (ch2920-3040)	75	81%	14	20-Nov-10 A	11-Aug-11	27-Jul-11	12-Aug-11	2	█ Pipe Pile for W56B - Stage 1 (ch2920-3040)																			
S22N2242	Pipe Pile for W56B - Stage 2 (ch3040-3160)	75	81%	14	29-Jan-11 A	11-Aug-11	27-Jul-11	12-Aug-11	2	█ Pipe Pile for W56B - Stage 2 (ch3040-3160)																			
S22N2250	Construction of W56B	162	0%	162	11-Aug-11	27-Feb-12	02-Sep-11	19-Mar-12	19	█ Construction of W56B																			
S22N2251	Excavation (W56B)	36	0%	36	11-Aug-11	23-Sep-11	02-Sep-11	17-Oct-11	19	█ Excavation (W56B)																			
S22N2252	Base Slab (W56B)	54	0%	54	23-Sep-11	28-Nov-11	18-Oct-11	19-Dec-11	19	█ Base Slab (W56B)																			
S22N2253	Wall Stem & Backfill (W56B)	72	0%	72	28-Nov-11	27-Feb-12	20-Dec-11	19-Mar-12	19	█ Wall Stem & Backfill (W56B)																			
<b>Roadworks, Drainage &amp; Utilities</b>																													
S22N4000	Roadworks, Drainages & Utilities (N/B ch3000-3150) (Stage 1 for W56B	147	0%	147	28-Nov-11	31-May-12	07-Feb-12	21-Jun-12	19	█ Roadworks, Drainages & Utilities (N/B ch3000-3150) (Stage 1 for W56B)																			
S22N4010	Utilities (N/B ch3000-3150) (Stage 1 for W56B)	60	0%	60	28-Nov-11	13-Feb-12	07-Feb-12	20-Apr-12	55	█ Utilities (N/B ch3000-3150) (Stage 1 for W56B)																			
S22N4012	Drainages (N/B ch3000-3150) (Stage 1 for W56B)	60	0%	60	19-Dec-11	05-Mar-12	28-Feb-12	12-May-12	55	█ Drainages (N/B ch3000-3150) (Stage 1 for W56B)																			

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

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Activity ID	Activity Name	Original Duration	Activity % Complete	Remaining Duration	Start	Finish	Late Start	Late Finish	Total Float	2010												2011				2012				2013				2014							
										Q1				Q2				Q3				Q4				Q1				Q2				Q3				Q4			
										Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4								
S22M4012	Roadmark and Final Lane Shifting	60	0%	60	23-May-13	02-Aug-13	23-Apr-13	05-Jul-13	-24	■ Roadmark and Final Lane Shifting																															
S22M4016	Road Surface	60	0%	60	23-Apr-13	05-Jul-13	21-Mar-13	05-Jun-13	-24	■ Road Surface																															
S22M4020	Drainage	60	0%	60	23-Feb-13	09-May-13	23-Feb-13	09-May-13	0	■ Drainage																															
S22M4030	Utilities	60	0%	60	30-Jan-13	17-Apr-13	30-Jan-13	17-Apr-13	0	■ Utilities																															
<b>Noise Barriers &amp; Road Barriers</b>																																									
S22M3000	Construct Noise Barrier	114	0%	114	19-Oct-12	08-Mar-13	29-Nov-12	22-Apr-13	34	■ Construct Noise Barrier																															
S22M3010	Erecting H-Column	57	0%	57	19-Oct-12	27-Dec-12	29-Nov-12	06-Feb-13	34	■ Erecting H-Column																															
S22M3020	Installing Panel	57	0%	57	28-Dec-12	08-Mar-13	07-Feb-13	22-Apr-13	34	■ Installing Panel																															
<b>Site Area SA23</b>																																									
PHSA2320	Possession of SA23 (Day180)	0	100%	0	04-May-10 A					◆ Possession of SA23 (Day180)																															
SA230000	Site Area SA23 Works Period	586	29.35%	414	16-Jul-10 A	11-Sep-12	16-Jul-10	05-Jul-13	297	■ Site Area SA23 Works Period																															
SA230010	Site Area SA23 Works Completion	0	0%	0		25-Jun-13*		25-Jun-13	0	◆ Site Area SA23 Works Completion																															
<b>South Bound</b>																																									
<b>Preliminaries</b>																																									
S23S0000	Site Clearance / Site Access	144	0%	144	26-Jul-11	16-Jan-12	12-Jun-12	01-Dec-12	261	■ Site Clearance / Site Access																															
S23S1000	Site Clearance	72	0%	72	26-Jul-11	20-Oct-11	12-Jun-12	05-Sep-12	261	■ Site Clearance																															
S23S2000	Site Access	72	0%	72	21-Oct-11	16-Jan-12	06-Sep-12	01-Dec-12	261	■ Site Access																															
<b>Slopeworks</b>																																									
S21N2638	Slopeworks Fill (S27)	99	0%	99	17-Jan-12	19-May-12	03-Dec-12	08-Apr-13	261	■ Slopeworks Fill (S27)																															
S21N2638	Slopeworks Fill (S27) - Stage 1, +45mPD	33	0%	33	17-Jan-12	27-Feb-12	03-Dec-12	12-Jan-13	261	■ Slopeworks Fill (S27) - Stage 1, +45mPD																															
S21N2638	Slopeworks Fill (S27) - Stage 2, +50mPD	33	0%	33	28-Feb-12	10-Apr-12	14-Jan-13	23-Feb-13	261	■ Slopeworks Fill (S27) - Stage 2, +50mPD																															
S21N2638	Slopeworks Fill (S27) - Stage 3, +55mPD	33	0%	33	11-Apr-12	19-May-12	25-Feb-13	08-Apr-13	261	■ Slopeworks Fill (S27) - Stage 3, +55mPD																															
S21N2740	Debris Catcher Fence and NTHA Protective Measures (Area 3B) (Provisi	100	0%	100	15-Feb-12	16-Jun-12	01-Dec-12	08-Apr-13	238	■ Debris Catcher Fence and NTHA Protective Measures																															
S21N2741	Access Rock to Hazard Rock Areas	30	0%	30	15-Feb-12	20-Mar-12	01-Dec-12	08-Jan-13	238	■ Access Rock to Hazard Rock Areas																															
S21N2742	Installation of Rock Fall Fence	70	0%	70	21-Mar-12	16-Jun-12	09-Jan-13	08-Apr-13	238	■ Installation of Rock Fall Fence																															
<b>Landscaping</b>																																									
S23S6000	Landscaping Works	72	0%	72	18-Jun-12	11-Sep-12	09-Apr-13	05-Jul-13	238	■ Landscaping Works																															
<b>Site Area SA24</b>																																									
PHSA2410	Possession of SA24 (Day180)	0	100%	0	04-May-10 A					◆ Possession of SA24 (Day180)																															
SA240000	Site Area SA24 Works Period	788	21.32%	620	04-May-10 A	05-Apr-13	04-May-10	05-Jul-13	91	■ Site Area SA24 Works Period																															
SA240010	Site Area SA24 Works Completion	0	0%	0		25-Jun-13*		25-Jun-13	0	◆ Site Area SA24 Works Completion																															
<b>North Bound</b>																																									
<b>Preliminaries</b>																																									
S24N0000	Site Clearance/Access Rd	89	100%	0	25-Aug-10 A	09-Dec-10 A				■ Site Clearance/Access Rd																															
S24N0010	Site Clearance	72	100%	0	25-Aug-10 A	19-Nov-10 A	27-Jun-11	27-Jun-11		■ Site Clearance																															
S24N0020	Access Road	72	100%	0	07-Sep-10 A	09-Dec-10 A	27-Jul-11	27-Jul-11		■ Access Road																															
<b>Slopeworks</b>																																									
S24N5000	Slopeworks Cut(S31A)	147	0%	147	26-Jul-11	19-Jan-12	15-Nov-11	16-May-12	93	■ Slopeworks Cut(S31A)																															
S24N5010	Slopeworks Cut (S31A) & Soil Nail : Stage 1 (Upper +80mPD)	62	0%	62	26-Jul-11	08-Oct-11	15-Nov-11	01-Feb-12	93	■ Slopeworks Cut (S31A) & Soil Nail : Stage 1 (Upper +80mPD)																															
S24N5020	Slopeworks Cut (S31A) & Soil Nail : Stage 2 (Lower +72mPD)	62	0%	62	10-Oct-11	20-Dec-11	02-Feb-12	18-Apr-12	93	■ Slopeworks Cut (S31A) & Soil Nail : Stage 2 (Lower +72mPD)																															
S24N5030	Slopeworks Cut (S31A) : Shortcreting	23	0%	23	21-Dec-11	19-Jan-12	19-Apr-12	16-May-12	93	■ Slopeworks Cut (S31A) : Shortcreting																															
S24N5800	Debris Catcher Fence and NTHA Protective Measures (Area 4) [Provisi	264	0%	264	15-Feb-12	03-Jan-13	17-May-12	08-Apr-13	74	■ Debris Catcher Fence and NTHA Protective Measures																															

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Activity ID	Activity Name	Original Duration	Activity % Complete	Remaining Duration	Start	Finish	Late Start	Late Finish	Total Float	2010												2011				2012				2013				2014			
										Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4				
S24N5810	Site Access to Hazard Rock Areas - Stage 1: Opening	60	0%	60	15-Feb-12	28-Apr-12	17-May-12	28-Jul-12	74	■ Site Access to Hazard Rock Areas - Stage 1: Opening																											
S24N5811	Site Access to Hazard Rock Areas - Stage 2: Access	60	0%	60	30-Apr-12	12-Jul-12	30-Jul-12	09-Oct-12	74	■ Site Access to Hazard Rock Areas - Stage 2: Access																											
S24N5820	Installation of Rock Fall Fence - Stage 1	72	0%	72	13-Jul-12	06-Oct-12	10-Oct-12	05-Jan-13	74	■ Installation of Rock Fall Fence - Stage 1																											
S24N5821	Installation of Rock Fall Fence - Stage 2	72	0%	72	08-Oct-12	03-Jan-13	07-Jan-13	08-Apr-13	74	■ Installation of Rock Fall Fence - Stage 2																											
<b>Construction of Retaining Wall</b>																																					
<b>Retaining Wall W56B-2 (Remaining) (AD)</b>																																					
S24N2110	Prepare Piling Platform for W56B-2	24	100%	0	02-Oct-10 A	07-Feb-11 A	27-Jul-11	27-Jul-11		■ Prepare Piling Platform for W56B-2																											
S24N2120	Pre-drilling for W56B-2	18	100%	0	28-Oct-10 A	18-Nov-10 A	27-Jul-11	27-Jul-11		■ Pre-drilling for W56B-2																											
S24N2130	Retaining Wall W56B-2	255	26.96%	186	21-Jan-11 A	09-Mar-12	21-Jan-11	10-Apr-12	24	■ Retaining Wall W56B-2																											
S24N2140	Piles for W56B-2 (Stage 2)	75	81%	14	21-Jan-11 A	11-Aug-11	27-Jul-11	12-Aug-11	2	■ Piles for W56B-2 (Stage 2)																											
S24N2150	Excavation and Installation of Tension Piles (Stage 2)	60	0%	60	11-Aug-11	24-Oct-11	08-Sep-11	19-Nov-11	24	■ Excavation and Installation of Tension Piles (Stage 2)																											
S24N2160	Retaining Wall Structure W56B-2 (Stage 2)	60	0%	60	24-Oct-11	05-Jan-12	21-Nov-11	04-Feb-12	24	■ Retaining Wall Structure W56B-2 (Stage 2)																											
S24N2170	Retaining Wall & Drainage W56B-2 : Drainage and Backfill (Stage 1)	52	0%	52	05-Jan-12	09-Mar-12	06-Feb-12	10-Apr-12	24	■ Retaining Wall & Drainage W56B-2 : Drainage and Backfill (Stage 1)																											
<b>Retaining Wall W57A</b>																																					
S24N2200	Sheet Pile/Excavate & Construct W57A	55	0%	55	25-Oct-11	29-Dec-11	02-Feb-12	10-Apr-12	80	■ Sheet Pile/Excavate & Construct W57A																											
S24N2201	Sheet Pile and ELS Works	18	0%	18	25-Oct-11	14-Nov-11	02-Feb-12	22-Feb-12	80	■ Sheet Pile and ELS Works																											
S24N2202	Construction of Structure W57A	24	0%	24	15-Nov-11	12-Dec-11	23-Feb-12	21-Mar-12	80	■ Construction of Structure W57A																											
S24N2203	Backfilling	13	0%	13	13-Dec-11	29-Dec-11	22-Mar-12	10-Apr-12	80	■ Backfilling																											
<b>Retaining Wall W57B (AD 2)</b>																																					
S24N2310	Prepare Piling Platform for W57B	18	100%	0	11-Jan-11 A	31-Jan-11 A	26-Jun-14	26-Jun-14		■ Prepare Piling Platform for W57B																											
S24N2320	Pre-drill for W57B	20	100%	0	01-Apr-11 A	13-Apr-11 A	26-Jun-14	26-Jun-14		■ Pre-drill for W57B																											
S24N2330	Piles for W57B	45	100%	0	01-Apr-11 A	14-May-11 A	26-Jul-11	26-Jul-11		■ Piles for W57B																											
S24N2340	Excavate and Tension Piles W57B	48	20%	26	15-May-11 A	24-Aug-11	26-Jul-11	24-Aug-11	0	■ Excavate and Tension Piles W57B																											
S24N2360	Retaining Wall & Drainage W57B	52	0%	52	25-Aug-11	27-Oct-11	01-Dec-11	06-Feb-12	81	■ Retaining Wall & Drainage W57B																											
<b>Retaining Wall W57C, (CSD 2)</b>																																					
S24N2402	Pre-drilling for W57C	20	100%	0	26-Mar-11 A	19-Apr-11 A	26-Jun-14	26-Jun-14		■ Pre-drilling for W57C																											
S24N2404	Piles for W57C	45	100%	0	01-Apr-11 A	14-May-11 A	26-Jul-11	26-Jul-11		■ Piles for W57C																											
S24N2407	Excavate to cut-off level	30	14.67%	26	26-May-11 A	24-Aug-11	26-Jul-11	24-Aug-11	0	■ Excavate to cut-off level																											
S24N2408	Capping/Walling for W57C	52	0%	52	24-Aug-11	27-Oct-11	01-Dec-11	06-Feb-12	81	■ Capping/Walling for W57C																											
S24N2420	Backfilling	39	0%	39	28-Oct-11	12-Dec-11	07-Feb-12	22-Mar-12	81	■ Backfilling																											
<b>Retaining Wall RWB12A, (CSD 2)</b>																																					
S24N1500	Piling & Construct RWB12A	195	8.21%	179	04-Jun-11 A	29-Feb-12	04-Jun-11	22-Mar-12	19	■ Piling & Construct RWB12A																											
S24N1510	Piling of RWB12A, Stage 1 (28/34 nos)	60	38%	37	04-Jun-11 A	07-Sep-11	31-Oct-11	13-Dec-11	81	■ Piling of RWB12A, Stage 1 (28/34 nos)																											
S24N1515	Piling of RWB12A, Stage 2 (6nos)	24	0%	24	25-Oct-11	21-Nov-11	16-Nov-11	13-Dec-11	19	■ Piling of RWB12A, Stage 2 (6nos)																											
S24N1520	Construction of Structure RWB12A	50	0%	50	22-Nov-11	21-Jan-12	14-Dec-11	16-Feb-12	19	■ Construction of Structure RWB12A																											
S24N1530	Backfilling	30	0%	30	26-Jan-12	29-Feb-12	17-Feb-12	22-Mar-12	19	■ Backfilling																											
<b>Roadworks, Drainage &amp; Utilities</b>																																					
S24N4000	Roadworks, Drainages & Utilities (ch3140-3420)	142	0%	142	20-Dec-11	15-Jun-12	27-Jan-12	24-Jul-12	31	■ Roadworks, Drainages & Utilities (ch3140-3420)																											
S24N4010	Utilities	60	0%	60	20-Dec-11	05-Mar-12	27-Jan-12	10-Apr-12	27	■ Utilities																											
S24N4020	Drainages	60	0%	60	01-Mar-12	15-May-12	23-Mar-12	07-Jun-12	19	■ Drainages																											
S24N4030	Road Surface	50	0%	50	15-Mar-12	17-May-12	11-Apr-12	09-Jun-12	19	■ Road Surface																											
S24N4040	Roadmark and Lane Shifting	24	0%	24	18-May-12	15-Jun-12	26-Jun-12	24-Jul-12	31	■ Roadmark and Lane Shifting																											
<b>Landscaping</b>																																					

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**Highways Department - Contract No. HY/2009/08  
Widening of Tolo Highway/ Fanling Highway  
Stage 1 - Between Ma Wo and Tai Hang**

**Updated Works Program (July 2011)**

Updated to 26 July 2011  
(dated on 22 July 2011, received on 29 July 2011)

Activity ID	Activity Name	Original Duration	Activity % Complete	Remaining Duration	Start	Finish	Late Start	Late Finish	Total Float	2010												2011				2012				2013				2014																							
										Q1				Q2				Q3				Q4				Q1				Q2				Q3				Q4				Q1				Q2				Q3				Q4			
										Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4												
S24N6000	Landscaping Works	72	0%	72	04-Jan-13	05-Apr-13	09-Apr-13	05-Jul-13	74	Landscaping Works																																															
<b>Site Area SA25</b>																																																									
PHSA2520	Possession of SA25 (Day270)	0	100%	0	04-May-10 A						◇ Possession of SA25 (Day270)																																														
SA250000	Site Area SA25 Works Period	770	8.64%	704	04-May-10 A	28-Jun-13	04-May-10	05-Jul-13	8	Site Area SA25 Works																																															
SA250010	Site Area SA25 Works Completion	0	0%	0		25-Jun-13*		25-Jun-13	0	◇ Site Area SA25 Works																																															
SA250020	Temporary Traffic Management (Detail shall refer to supplementary infor	765	25.75%	568	04-May-10 A	25-Jun-13	04-May-10	25-Jun-13	0	Temporary Traffic Man																																															
SA250030	Overall Utility Diversion (Detail shall refer to supplementary information)	765	25.75%	568	04-May-10 A	25-Jun-13	04-May-10	25-Jun-13	0	Overall Utility Diversion																																															
<b>South Bound</b>																																																									
<b>Preliminaries</b>																																																									
S25S0000	Site Clearance/Access Rd (ch3400-3600)	97	100%	0	20-Oct-10 A	16-Feb-11 A					Site Clearance/Access Rd (ch3400-3600)																																														
S25S0010	Site Clearance (ch3400-3600)	75	100%	0	20-Oct-10 A	18-Jan-11 A	25-Jul-11	25-Jul-11			Site Clearance (ch3400-3600)																																														
S25S0020	Access Road (ch3400-3600)	75	100%	0	15-Nov-10 A	16-Feb-11 A	25-Jul-11	25-Jul-11			Access Road (ch3400-3600)																																														
<b>Slopeworks</b>																																																									
S25S5000	Slopeworks Fill (S30A)	84	0%	84	12-Oct-11	21-Jan-12	12-Oct-11	20-Jan-12	0		Slopeworks Fill (S30A)																																														
S25S5010	Slopeworks Fill (S30A) - Stage 1: +53.5mPD	42	0%	42	12-Oct-11	30-Nov-11	12-Oct-11	29-Nov-11	0		Slopeworks Fill (S30A) - Stage 1: +53.5mPD																																														
S25S5020	Slopeworks Fill (S30A) - Stage 2: 55.8mPD	42	0%	42	30-Nov-11	21-Jan-12	30-Nov-11	20-Jan-12	0		Slopeworks Fill (S30A) - Stage 2: 55.8mPD																																														
S25S5100	Slope Reinstatement Works (Pier 13AP1/2 & TW1/2)	144	0%	144	29-Dec-12	28-Jun-13	07-Jan-13	05-Jul-13	6		Slope Reinstatement																																														
S25S5110	Slope Reinstatement Works (Pier 13AP1) : Stage 1	36	0%	36	29-Dec-12	14-Feb-13	07-Jan-13	20-Feb-13	6		Slope Reinstatement Works (																																														
S25S5120	Slope Reinstatement Works (Pier 13AP2) : Stage 2	36	0%	36	14-Feb-13	28-Mar-13	21-Feb-13	08-Apr-13	6		Slope Reinstatement Works																																														
S25S5130	Slope Reinstatement Works (TW1) : Stage 1	36	0%	36	28-Mar-13	15-May-13	09-Apr-13	22-May-13	6		Slope Reinstatement W																																														
S25S5140	Slope Reinstatement Works (TW2) : Stage 2	36	0%	36	15-May-13	28-Jun-13	23-May-13	05-Jul-13	6		Slope Reinstatement																																														
<b>Construction of Retaining Wall</b>																																																									
<b>Retaining Wall W58B, (CSD 2)</b>																																																									
S25S2020	Site Formation	25	100%	0	01-Nov-10 A	30-Nov-10 A	25-Jul-11	25-Jul-11			Site Formation																																														
S25S2030	Excavate to cut-off level	10	100%	0	01-Nov-10 A	31-Dec-10 A	25-Jul-11	25-Jul-11			Excavate to cut-off level																																														
S25S2050	Construction of Structure W58B	48	66%	16	13-May-11 A	13-Aug-11	25-Jul-11	12-Aug-11	0		Construction of Structure W58B																																														
S25S2060	Backfilling	48	0%	48	13-Aug-11	12-Oct-11	13-Aug-11	11-Oct-11	0		Backfilling																																														
<b>Roadworks, Drainage &amp; Utilities</b>																																																									
S25S4000	Roadworks, Drainages & Utilities	120	0%	120	22-Feb-12	20-Jul-12	10-Apr-12	11-Sep-12	46		Roadworks, Drainages & Utilities																																														
S25S4020	Utilities	60	0%	60	21-Jan-12	05-Apr-12	08-Mar-12	22-May-12	37		Utilities																																														
S25S4030	Drainages	60	0%	60	08-Feb-12	23-Apr-12	22-Mar-12	06-Jun-12	37		Drainages																																														
S25S4040	Road Surface	60	0%	60	22-Feb-12	08-May-12	10-Apr-12	20-Jun-12	37		Road Surface																																														
S25S4050	Roadmark and Lane Shifting	60	0%	60	08-May-12	20-Jul-12	04-Jul-12	11-Sep-12	46		Roadmark and Lane Shifting																																														
S25S4200	Slip Road H	72	0%	72	15-May-12	10-Aug-12	11-Jul-12	04-Oct-12	46		Slip Road H																																														
<b>Noise Barriers &amp; Road Barriers</b>																																																									
S25S3000	Construct Noise Barrier & Beam Barrier, NB34	143	0%	143	21-Jan-12	19-Jul-12	21-Jan-12	18-Jul-12	0		Construct Noise Barrier & Beam Barrier, N																																														
S25S3010	Noise Barrier : Foundation Works	48	0%	48	21-Jan-12	21-Mar-12	21-Jan-12	20-Mar-12	0		Noise Barrier : Foundation Works																																														
S25S3020	Noise Barrier : Installation of H-column & Panel	48	0%	48	21-Mar-12	22-May-12	21-Mar-12	21-May-12	0		Noise Barrier : Installation of H-column & Panel																																														
S25S3030	Beam Barrier : Erecting of Short Column	48	0%	48	21-Mar-12	22-May-12	21-Mar-12	21-May-12	0		Beam Barrier : Erecting of Short Column																																														
S25S3040	Beam Barrier : Installation of M-Panel	47	0%	47	22-May-12	19-Jul-12	22-May-12	18-Jul-12	0		Beam Barrier : Installation of M-Panel																																														
<b>Traffic Control &amp; Survelance System</b>																																																									
S25S4800	TCSS	87	0%	87	08-May-12	21-Aug-12	21-Jun-12	04-Oct-12	37		TCSS																																														
S25S4810	TCSS - Stage 1 (Bridge 13A)	75	0%	75	08-May-12	07-Aug-12	21-Jun-12	18-Sep-12	37		TCSS - Stage 1 (Bridge 13A)																																														

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Stage 1 - Between Ma Wo and Tai Hang**

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Activity ID	Activity Name	Original Duration	Activity % Complete	Remaining Duration	Start	Finish	Late Start	Late Finish	Total Float	2010												2011				2012				2013				2014			
										2010				2011				2012				2013				2014											
										Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4				
S25S4820	TCSS - Stage 2 (LB1)	75	0%	75	22-May-12	21-Aug-12	07-Jul-12	04-Oct-12	37	TCSS - Stage 2 (LB1)																											
<b>Site Area SA26</b>																																					
PHSA2620	Possession of SA26 (Day0)	0	100%	0	26-Feb-10 A					◇ Possession of SA26 (Day0)																											
SA260000	Site Area SA26 Works Period	1216	41.61%	710	26-Feb-10 A	05-Jul-13	26-Feb-10	05-Jul-13	0	Site Area SA26 Work																											
SA260010	Site Area SA26 Works Completion	0	0%	0		05-Jul-13*		05-Jul-13	0	◇ Site Area SA26 Work																											
SA260020	Temporary Traffic Management (Detail shall refer to supplementary infor	983	41.51%	575	26-Feb-10 A	05-Jul-13	26-Feb-10	05-Jul-13	0	Temporary Traffic Ma																											
SA260030	Overall Utility Diversion (Detail shall refer to supplementary information)	983	41.51%	575	26-Feb-10 A	05-Jul-13	26-Feb-10	05-Jul-13	0	Overall Utility Diversio																											
SA260040	Additional work to existing ball valves, HKCG	51	0%	51	23-Jul-12	20-Sep-12	03-May-13	05-Jul-13	230	Additional work to existing ball valves, I																											
<b>North Bound</b>																																					
<b>Preliminaries</b>																																					
S26N0000	Site Clearance/Access Rd (Tai Wo Road)	150	100%	0	26-Feb-10 A	28-Aug-10 A				Site Clearance/Access Rd (Tai Wo Road)																											
S26N0010	Site Clearance (Tai Wo Road)	75	100%	0	26-Feb-10 A	31-May-10 A	25-Aug-11	25-Aug-11		Site Clearance (Tai Wo Road)																											
S26N0020	Access Road (Tai Wo Road)	75	100%	0	01-Jun-10 A	28-Aug-10 A	25-Aug-11	25-Aug-11		Access Road (Tai Wo Road)																											
<b>Slopeworks</b>																																					
S26N5000	Slopeworks Cut(S31A-sn)	150	0%	150	25-Aug-11	25-Feb-12	25-Aug-11	03-Mar-12	6	Slopeworks Cut(S31A-sn)																											
S26N5010	Slopeworks Cut(S31A-sn) - Stage 1 (Upper +65mPD)	50	0%	50	25-Aug-11	25-Oct-11	25-Aug-11	25-Oct-11	0	Slopeworks Cut(S31A-sn) - Stage 1 (Upper +65mPD)																											
S26N5020	Slopeworks Cut(S31A-sn) - Stage 2 (Middle +60mPD)	50	0%	50	26-Oct-11	22-Dec-11	02-Nov-11	31-Dec-11	6	Slopeworks Cut(S31A-sn) - Stage 2 (Middle +60mPD)																											
S26N5030	Slopeworks Cut(S31A-sn) - Stage 3 (Lower +55mPD)	50	0%	50	23-Dec-11	25-Feb-12	03-Jan-12	03-Mar-12	6	Slopeworks Cut(S31A-sn) - Stage 3 (Lower +55mPD)																											
<b>Construction of Retaining Wall</b>																																					
<b>Retaining Wall W59</b>																																					
S26N2000	Excavate & Construct W59 (w/SP)	123	0%	123	25-Aug-11	21-Jan-12	25-Aug-11	21-Jan-12	0	Excavate & Construct W59 (w/SP)																											
S26N2001	Excavate & Construct W59 (w/SP)	75	0%	75	25-Aug-11	23-Nov-11	25-Aug-11	23-Nov-11	0	Excavate & Construct W59 (w/SP)																											
S26N2020	Backfilling	48	0%	48	24-Nov-11	21-Jan-12	24-Nov-11	21-Jan-12	0	Backfilling																											
<b>Roadworks, Drainage &amp; Utilities</b>																																					
S26N4000	Roadworks, Drainages & Utilities (ch3400-3720)	180	0%	180	12-Dec-11	24-Jul-12	19-Dec-11	24-Jul-12	0	Roadworks, Drainages & Utilities (ch3400-																											
S26N4010	Utilities (ch3400-3560)	60	0%	60	12-Dec-11	25-Feb-12	19-Dec-11	03-Mar-12	6	Utilities (ch3400-3560)																											
S26N4020	Drainages (ch3400-3560)	60	0%	60	31-Dec-11	14-Mar-12	09-Jan-12	21-Mar-12	6	Drainages (ch3400-3560)																											
S26N4030	Road Surface, Roadmark (ch3400-3560)	60	0%	60	26-Jan-12	05-Apr-12	26-Jan-12	05-Apr-12	0	Road Surface, Roadmark (ch3400-3560)																											
S26N4040	Utilities (ch3560-3720)	60	0%	60	10-Apr-12	20-Jun-12	10-Apr-12	20-Jun-12	0	Utilities (ch3560-3720)																											
S26N4050	Drainages (ch3560-3720)	60	0%	60	27-Apr-12	10-Jul-12	27-Apr-12	10-Jul-12	0	Drainages (ch3560-3720)																											
S26N4060	Road Surface, Roadmark (ch3560-3720)	60	0%	60	12-May-12	24-Jul-12	12-May-12	24-Jul-12	0	Road Surface, Roadmark (ch3560-3720)																											
<b>Traffic Control &amp; Survelance System</b>																																					
S26N4800	TCSS (ch3400-3720)	144	0%	144	26-Jan-12	20-Jul-12	30-Jan-12	24-Jul-12	3	TCSS (ch3400-3720)																											
S26N4810	TCSS (ch3400-3560), G24	72	0%	72	26-Jan-12	23-Apr-12	30-Jan-12	26-Apr-12	3	TCSS (ch3400-3560), G24																											
S26N4820	TCSS (ch3560-3720)	72	0%	72	24-Apr-12	20-Jul-12	27-Apr-12	24-Jul-12	3	TCSS (ch3560-3720)																											
<b>Modification of Existing Bridge</b>																																					
<b>Modification of Existing Bridge 13</b>																																					
S26N1210	Construction of Temporary Pier supports & Installation of Jacks	150	0%	150	22-Nov-12	30-May-13	28-Nov-12	05-Jun-13	5	Construction of Tempor																											
S26N1211	Construction of Temporary Pier supports	30	0%	30	22-Nov-12	29-Dec-12	28-Nov-12	05-Jan-13	5	Construction of Temporary Pier s																											
S26N1212	Installation of Jacks	30	0%	30	29-Dec-12	04-Feb-13	05-Jan-13	09-Feb-13	5	Installation of Jacks																											
S26N1220	Demolish Central Barriers	30	0%	30	04-Feb-13	14-Mar-13	09-Feb-13	20-Mar-13	5	Demolish Central Barriers																											
S26N1230	Jacking up of Bridge & Replace Bearings	30	0%	30	14-Mar-13	23-Apr-13	20-Mar-13	29-Apr-13	5	Jacking up of Bridge & Re																											
S26N1250	Stitch Bridge / CJ works	30	0%	30	23-Apr-13	30-May-13	29-Apr-13	05-Jun-13	5	Stitch Bridge / CJ works																											

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Activity ID	Activity Name	Original Duration	Activity % Complete	Remaining Duration	Start	Finish	Late Start	Late Finish	Total Float	2010												2011				2012				2013				2014																							
										Q1				Q2				Q3				Q4				Q1				Q2				Q3				Q4				Q1				Q2				Q3				Q4			
										1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4												
<b>Road Resurfacing &amp; Line Marking</b>																																																									
S26N4910	Resurfacing/Line Marking North Lane SA26	24	0%	24	30-May-13	28-Jun-13	05-Jun-13	05-Jul-13	5	□ Resurfacing/Line Mar																																															
<b>Landscaping</b>																																																									
S26N6000	Landscaping Works	240	0%	240	25-Jul-12	16-May-13	10-Sep-12	05-Jul-13	40	□ Landscaping Works																																															
S26N6010	Landscaping Works - Stage 1	60	0%	60	25-Jul-12	04-Oct-12	10-Sep-12	21-Nov-12	40	□ Landscaping Works - Stage 1																																															
S26N6020	Landscaping Works - Stage 2	60	0%	60	05-Oct-12	14-Dec-12	22-Nov-12	02-Feb-13	40	□ Landscaping Works - Stage 2																																															
S26N6030	Landscaping Works - Stage 3	60	0%	60	15-Dec-12	01-Mar-13	04-Feb-13	22-Apr-13	40	□ Landscaping Works - Stage 3																																															
S26N6040	Landscaping Works - Stage 4	60	0%	60	02-Mar-13	16-May-13	23-Apr-13	05-Jul-13	40	□ Landscaping Works - Stage 4																																															
<b>South Bound</b>																																																									
<b>Preliminaries</b>																																																									
S26S0000	Site Clearance/Access Rd (Tai Wo Road)	129	100%	0	26-Feb-10 A	04-Aug-10 A				□ Site Clearance/Access Rd (Tai Wo Road)																																															
S26S10	Site Clearance (Tai Wo Road)	80	100%	0	26-Feb-10 A	05-Jun-10 A	30-Jul-11	30-Jul-11		□ Site Clearance (Tai Wo Road)																																															
S26S20	Access Rd (Tai Wo Road)	80	100%	0	29-Apr-10 A	04-Aug-10 A	30-Jul-11	30-Jul-11		□ Access Rd (Tai Wo Road)																																															
<b>Slopeworks</b>																																																									
S26S5000	Slopeworks Fill(S32)	144	0%	144	20-Oct-11	17-Apr-12	19-Nov-11	18-May-12	26	□ Slopeworks Fill(S32)																																															
S26S5010	Slopeworks Fill (S32) - Stage 1 (Lower +42mPD)	72	0%	72	20-Oct-11	16-Jan-12	19-Nov-11	18-Feb-12	26	□ Slopeworks Fill (S32) - Stage 1 (Lower +42mPD)																																															
S26S5020	Slopeworks Fill (S32) - Stage 2 (Upper +45mPD)	72	0%	72	16-Jan-12	17-Apr-12	18-Feb-12	18-May-12	26	□ Slopeworks Fill (S32) - Stage 2 (Upper +45mPD)																																															
S26S5100	Slope Reinstatement Works (Pier 13AP3 & TW3)	216	0%	216	17-Apr-12	05-Jan-13	10-Oct-12	05-Jul-13	145	□ Slope Reinstatement Works (Pie																																															
S26S5101	Slope Reinstatement Works (Pier 13AP3) - Lower: below +32mPD	54	0%	54	17-Apr-12	21-Jun-12	10-Oct-12	12-Dec-12	145	□ Slope Reinstatement Works (Pier 13AP3) -																																															
S26S5102	Slope Reinstatement Works (Pier 13AP3) - Upper: above +32mPD	54	0%	54	21-Jun-12	25-Aug-12	13-Dec-12	20-Feb-13	145	□ Slope Reinstatement Works (Pier 13AP3)																																															
S26S5103	Slope Reinstatement Works (TW3) - Lower: below +30mPD	54	0%	54	25-Aug-12	31-Oct-12	21-Feb-13	29-Apr-13	145	□ Slope Reinstatement Works (TW3)																																															
S26S5104	Slope Reinstatement Works (TW3) - Upper: above +32mPD	54	0%	54	31-Oct-12	05-Jan-13	30-Apr-13	05-Jul-13	145	□ Slope Reinstatement Works (TW																																															
S26S5110	Slope Reinstatement Works (besides LB3)	150	0%	150	15-Sep-12	20-Mar-13	29-Dec-12	05-Jul-13	85	□ Slope Reinstatement Works																																															
S26S5120	Slope Reinstatement Works (besides LB3) - Lower: below +24mPD	75	0%	75	15-Sep-12	15-Dec-12	29-Dec-12	03-Apr-13	85	□ Slope Reinstatement Works (besi																																															
S26S5130	Slope Reinstatement Works (besides LB3) - Upper: above +24mPD	75	0%	75	15-Dec-12	20-Mar-13	05-Apr-13	05-Jul-13	85	□ Slope Reinstatement Works																																															
<b>Construction of Retaining Wall</b>																																																									
<b>Retaining Wall RWTW1, (CSD 1)</b>																																																									
S26S1289	Pre-drilling for RWTW1 part 1	11	100%	0	26-May-11 A	08-Jun-11 A	09-Dec-11	09-Dec-11		□ Pre-drilling for RWTW1 part 1																																															
S26S1290	Piling/Excavate & Construct RWTW1N & RWTW1S	145	0%	145	14-Sep-11	10-Mar-12	09-Dec-11	03-May-12	41	□ Piling/Excavate & Construct RWTW1N & RWTW1																																															
S26S1391	Piling Platform	30	0%	30	14-Sep-11	21-Oct-11	09-Dec-11	17-Jan-12	72	□ Piling Platform																																															
S26S1392	Piling & Construction of Structure RWTW1N	30	0%	30	26-Nov-11	04-Jan-12	17-Jan-12	24-Feb-12	41	□ Piling & Construction of Structure RWTW1N																																															
S26S1393	Piling & Construction of Structure RWTW1S	30	0%	30	04-Jan-12	11-Feb-12	24-Feb-12	30-Mar-12	41	□ Piling & Construction of Structure RWTW1S																																															
S26S1394	Backfilling	24	0%	24	11-Feb-12	10-Mar-12	30-Mar-12	03-May-12	41	□ Backfilling																																															
<b>Retaining Wall RWTW2, (CSD 1)</b>																																																									
S26S1379	Pre-drilling for RWTW2	12	100%	0	12-Jan-11 A	25-Jan-11 A	30-Jul-11	30-Jul-11		□ Pre-drilling for RWTW2																																															
S26S1380	Piling/Excavate & Construct RWTW2	609	8.27%	558	26-May-11 A	14-Jun-13	26-May-11	20-Jun-13	5	□ Piling/Excavate & Const																																															
S26S1381	Minipile Piling works	61	30%	43	26-May-11 A	14-Sep-11	30-Jul-11	20-Sep-11	5	□ Minipile Piling works																																															
S26S1382	Construction of RWTW2 (stage 1.1 S Bay 1-2)	51	0%	51	14-Sep-11	15-Nov-11	25-Apr-12	27-Jun-12	180	□ Construction of RWTW2 (stage 1.1 S Bay 1-2)																																															
S26S1383	Construction of RWTW2 (stage 1.2 S Bay 3-4)	51	0%	51	15-Nov-11	17-Jan-12	27-Jun-12	27-Aug-12	180	□ Construction of RWTW2 (stage 1.2 S Bay 3-4)																																															
S26S1384	Construction of RWTW2 (stage 2.1 N Bay 1-2)	50	0%	50	11-Jan-13	14-Mar-13	17-Jan-13	20-Mar-13	5	□ Construction of RWTW2 (st																																															
S26S1386	Construction of RWTW2 (stage 2.2 N Bay 3-4)	50	0%	50	14-Mar-13	18-May-13	20-Mar-13	24-May-13	5	□ Construction of RWTW2																																															
S26S1387	Backfilling	22	0%	22	18-May-13	14-Jun-13	24-May-13	20-Jun-13	5	□ Backfilling																																															
S26S1397	Roadworks	12	0%	12	14-Jun-13	28-Jun-13	20-Jun-13	05-Jul-13	5	□ Roadworks																																															

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										Q1			Q2			Q3			Q4			Q1		Q2		Q3		Q4		Q1		Q2		Q3		Q4		Q1		Q2		Q3
<b>Retaining Wall RWTW3, (CSD 1)</b>																																										
S26S1389	Pre-drilling for RWTW3	12	33%	8	28-Dec-10 A	04-Aug-11	24-Aug-11	03-Sep-11	26													Pre-drilling for RWTW3																				
S26S1390	Piling/Excavate & Construct RWTW3	181	0%	181	14-Sep-11	26-Apr-12	20-Sep-11	03-May-12	5													Piling/Excavate & Construct RWTW3																				
S26S1591	Minipile Piling for RWTW3	61	0%	61	14-Sep-11	26-Nov-11	20-Sep-11	02-Dec-11	5													Minipile Piling for RWTW3																				
S26S1592	ELS Works & Excavation	48	0%	48	26-Nov-11	28-Jan-12	02-Dec-11	03-Feb-12	5													ELS Works & Excavation																				
S26S1593	Construction of Structure RWTW3	48	0%	48	28-Jan-12	24-Mar-12	03-Feb-12	30-Mar-12	5													Construction of Structure RWTW3																				
S26S1594	Backfilling	24	0%	24	24-Mar-12	26-Apr-12	30-Mar-12	03-May-12	5													Backfilling																				
<b>Retaining Wall W60 &amp; W61A (CSD 2)</b>																																										
S26S2020	Pre-drilling for W60 & W61A	7	100%	0	06-May-11 A	24-Jun-11 A	03-Sep-11	03-Sep-11														Pre-drilling for W60 & W61A																				
S26S2030	Mini Piles for W60 & W61A	30	10%	27	15-Jun-11 A	05-Sep-11	03-Sep-11	08-Oct-11	26													Mini Piles for W60 & W61A																				
S26S2040	Excavation	36	0%	36	05-Sep-11	20-Oct-11	08-Oct-11	19-Nov-11	26													Excavation																				
S26S2050	Construct Cap & Wall	48	0%	48	17-Apr-12	14-Jun-12	31-May-12	27-Jul-12	36													Construct Cap & Wall																				
S26S2060	Backfilling	48	0%	48	14-Jun-12	11-Aug-12	28-Jul-12	21-Sep-12	36													Backfilling																				
<b>Temporary Bridge bet. RWTW2 &amp; RWTW1</b>																																										
S26S2500	Construct Temp Steel Bridge between RWTW2/RWTW1	117	0%	117	21-Aug-12	11-Jan-13	27-Aug-12	17-Jan-13	5													Construct Temp Steel Bridge be																				
S26S2501	Temporary Foundation Support	27	0%	27	21-Aug-12	21-Sep-12	27-Aug-12	27-Sep-12	5													Temporary Foundation Support																				
S26S2502	Temporary Steelwork - Column	24	0%	24	21-Sep-12	22-Oct-12	27-Sep-12	29-Oct-12	5													Temporary Steelwork - Column																				
S26S2503	Temporary Steelwork - Upper Structure	36	0%	36	22-Oct-12	04-Dec-12	29-Oct-12	10-Dec-12	5													Temporary Steelwork - Upper Stru																				
S26S2504	Temporary Road Surface, Road Utilities and Lighting	30	0%	30	04-Dec-12	11-Jan-13	10-Dec-12	17-Jan-13	5													Temporary Road Surface, Road																				
S26S2550	Removal and Disconnect of Temporary Steel Bridge	6	0%	6	28-Jun-13	06-Jul-13	28-Jun-13	05-Jul-13	0													Removal and Disconn																				
<b>Roadworks, Drainage &amp; Utilities</b>																																										
S26S3950	Roadworks, Drainages & Utilities (Stage 1: RWTW1-3)	96	0%	96	26-Apr-12	21-Aug-12	03-May-12	27-Aug-12	5													Roadworks, Drainages & Utilities (Stage																				
S26S3960	Utilities (Stage 1)	50	0%	50	26-Apr-12	27-Jun-12	03-May-12	04-Jul-12	5													Utilities (Stage 1)																				
S26S3970	Drainages (Stage 1)	50	0%	50	25-May-12	26-Jul-12	01-Jun-12	01-Aug-12	5													Drainages (Stage 1)																				
S26S3980	Road Surface (Stage 1)	48	0%	48	25-Jun-12	21-Aug-12	30-Jun-12	27-Aug-12	5													Road Surface (Stage 1)																				
S26S4000	Roadworks, Drainages & Utilities (Stage 2 remain area)	97	0%	97	11-Aug-12	06-Dec-12	22-Sep-12	09-Feb-13	53													Roadworks, Drainages & Utilities (																				
S26S4002	Utilities (Stage 2)	60	0%	60	11-Aug-12	24-Oct-12	22-Sep-12	04-Dec-12	36													Utilities (Stage 2)																				
S26S4004	Drainages (Stage 2)	60	0%	60	01-Sep-12	14-Nov-12	16-Oct-12	27-Dec-12	36													Drainages (Stage 2)																				
S26S4010	Road Surface (Stage 2)	60	0%	60	03-Sep-12	15-Nov-12	17-Oct-12	28-Dec-12	36													Road Surface (Stage 2)																				
S26S4012	Roadmark (Stage 2: Remain Area)	60	0%	60	24-Sep-12	06-Dec-12	28-Nov-12	09-Feb-13	53													Roadmark (Stage 2: Remain Area																				
<b>Noise Barriers &amp; Road Barriers</b>																																										
S26S3000	Construct Noise Barrier & Beam Barrier, NB35	90	0%	90	03-Sep-12	20-Dec-12	17-Oct-12	02-Feb-13	36													Construct Noise Barrier & Beam																				
S26S3010	Construct Noise Barrier : foundation Works	30	0%	30	03-Sep-12	10-Oct-12	17-Oct-12	21-Nov-12	36													Construct Noise Barrier : foundation V																				
S26S3020	Construct Noise Barrier : Installation of H-coulmn & Panel	60	0%	60	10-Oct-12	20-Dec-12	22-Nov-12	02-Feb-13	36													Construct Noise Barrier : Installat																				
S26S3030	Beam Barrier : Erecting of Short Column	30	0%	30	10-Oct-12	15-Nov-12	22-Nov-12	28-Dec-12	36													Beam Barrier : Erecting of Short Co																				
S26S3040	Beam Barrier : Installing M-Barrier	30	0%	30	15-Nov-12	20-Dec-12	29-Dec-12	02-Feb-13	36													Beam Barrier : Installing M-Barrie																				
<b>Traffic Control &amp; Survelance System</b>																																										
S26S4800	TCSS	120	0%	120	20-Dec-12	23-May-13	04-Feb-13	05-Jul-13	36													TCSS																				
S26S4810	TCSS - Stage 1 (LB1)	42	0%	42	20-Dec-12	14-Feb-13	04-Feb-13	27-Mar-13	36													TCSS - Stage 1 (LB1)																				
S26S4820	TCSS - Stage 1 (LB2)	42	0%	42	14-Feb-13	09-Apr-13	28-Mar-13	22-May-13	36													TCSS - Stage 1 (LB2)																				
S26S4830	TCSS - Stage 1 (LB3), G101	36	0%	36	09-Apr-13	23-May-13	23-May-13	05-Jul-13	36													TCSS - Stage 1 (LB3),																				
<b>Landscaping</b>																																										
S26S6000	Landscaping Works	150	0%	150	27-Jun-12	24-Dec-12	29-Dec-12	05-Jul-13	152													Landscaping Works																				

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										2010				2011				2012				2013				2014										
										Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q1	Q2	Q3					
S26S6010	Landscaping Works - Stage 1, South	75	0%	75	27-Jun-12	24-Sep-12	29-Dec-12	03-Apr-13	152	Landscaping Works - Stage 1, South																										
S26S6040	Landscaping Works - Stage 2, North	75	0%	75	24-Sep-12	24-Dec-12	05-Apr-13	05-Jul-13	152	Landscaping Works - Stage 2, North																										
<b>Modification on Existing Bridge 12 &amp; 12B</b>																																				
S22S1310	Construction of Bridge 12B	367	100%	0	15-Apr-10 A	11-Jul-11 A				Construction of Bridge 12B																										
<b>Preparatory and Enabling Works</b>																																				
S22S1210	Prepare Piling Platform	38	100%	0	15-Apr-10 A	31-May-10 A	26-Jul-11	26-Jul-11		Prepare Piling Platform																										
S22S1220	Pre-drilling Works	26	100%	0	15-Apr-10 A	15-May-10 A	26-Jul-11	26-Jul-11		Pre-drilling Works																										
<b>Modification Works and Bridge 12B</b>																																				
S22S1230	Socketed H-Pile (B12BP8)	62	100%	0	01-Jun-10 A	13-Aug-10 A	26-Jul-11	26-Jul-11		Socketed H-Pile (B12BP8)																										
S22S1250	Modify Pile caps & Additional Foundation (B12BP8)	101	0%	188	02-Jul-10 A	12-Mar-12	02-Jul-10	13-Mar-12	2	Modify Pile caps & Additional Foundation (B12BP8)																										
S22S1251	Excavation & ELS Works	36	100%	0	02-Jul-10 A	12-Aug-10 A	26-Jul-11	26-Jul-11		Excavation & ELS Works																										
S22S1260	VO 17.1: Modify Pilecap of Bridge 12, Pier 5, 6 & 7	48	0%	48	12-Jan-12	12-Mar-12	14-Jan-12	13-Mar-12	2	VO 17.1: Modify Pilecap of Bridge 12, Pier 5, 6 & 7																										
S22S1270	VO 17.1: Modify Pilecap of Bridge 12, Pier 8	48	0%	48	12-Jan-12	12-Mar-12	14-Jan-12	13-Mar-12	2	VO 17.1: Modify Pilecap of Bridge 12, Pier 8																										
S22S1280	VO 17.2: Piling for C9	24	0%	24	11-Aug-11	08-Sep-11	13-Aug-11	09-Sep-11	2	VO 17.2: Piling for C9																										
S22S1290	VO 17.2: Piling for C10	30	0%	30	08-Sep-11	17-Oct-11	10-Sep-11	18-Oct-11	2	VO 17.2: Piling for C10																										
S22S1340	VO 17.2: Pilecap construction of C9	24	0%	24	17-Oct-11	14-Nov-11	19-Oct-11	15-Nov-11	2	VO 17.2: Pilecap construction of C9																										
S22S1350	VO 17.2: Pilecap construction of C10	24	0%	24	14-Nov-11	12-Dec-11	16-Nov-11	13-Dec-11	2	VO 17.2: Pilecap construction of C10																										
S22S1400	VO 17.2: Backfilling & Site Formation	24	0%	24	12-Dec-11	12-Jan-12	14-Dec-11	13-Jan-12	2	VO 17.2: Backfilling & Site Formation																										
S22S1410	VO 17.2: Pier Construction of C9 & C10	135	0%	135	26-Jul-11	05-Jan-12	26-Jul-11	05-Jan-12	0	VO 17.2: Pier Construction of C9 & C10																										
S22S1420	VO 17.2: Pier Construction of C9	75	0%	75	26-Jul-11	24-Oct-11	26-Jul-11	24-Oct-11	0	VO 17.2: Pier Construction of C9																										
S22S1430	VO 17.2: Pier Construction of C10	60	0%	60	25-Oct-11	05-Jan-12	25-Oct-11	05-Jan-12	0	VO 17.2: Pier Construction of C10																										
S22S1440	Construction of 12B North Abutment	75	10%	68	27-Jun-11 A	15-Oct-11	26-Jul-11	15-Oct-11	0	Construction of 12B North Abutment																										
S22S1450	VO 17.2: Deck Construction (Bearings, Drainage & MJ included)	278	0%	278	26-Jul-11	03-Jul-12	03-Jul-12	03-Jul-12	0	VO 17.2: Deck Construction (Bearings, Dra																										
S22S1460	Scaffolding & Falsework	55	0%	55	06-Jan-12	13-Mar-12	06-Jan-12	13-Mar-12	0	Scaffolding & Falsework																										
S22S1470	VO 17.2: Deck Formwork, Steel Fixing and Concreting - C9 - C10	32	0%	32	14-Mar-12	24-Apr-12	14-Mar-12	24-Apr-12	0	VO 17.2: Deck Formwork, Steel Fixing and Con																										
S22S1480	VO 17.2: Deck Formwork, Steel Fixing and Concreting - C10 to NA	32	0%	32	25-Apr-12	02-Jun-12	25-Apr-12	02-Jun-12	0	VO 17.2: Deck Formwork, Steel Fixing and C																										
S22S1500	Stressing	24	0%	24	04-Jun-12	03-Jul-12	04-Jun-12	03-Jul-12	0	Stressing																										
<b>Construction of Bridge 12A</b>																																				
S24S1280	Construction of Bridge 12A	451	26.39%	332	25-Aug-10 A	04-Sep-12	25-Aug-10	07-Aug-12	-24	Construction of Bridge 12A																										
<b>Preparatory and Enabling Works</b>																																				
S24N1210	Site Clearance	42	100%	0	25-Aug-10 A	14-Oct-10 A	27-Jun-11	27-Jun-11		Site Clearance																										
S24N1220	Haul Road	42	100%	0	25-Aug-10 A	14-Oct-10 A	27-Jun-11	27-Jun-11		Haul Road																										
S24N1230	Gas main Diversion, HKCG	55	100%	0	25-Aug-10 A	22-Apr-11 A	27-Jun-11	27-Jun-11		Gas main Diversion, HKCG																										
S24N1240	11 KV Cable Diversion	55	100%	0	25-Aug-10 A	30-Oct-10 A	27-Jun-11	27-Jun-11		11 KV Cable Diversion																										
S24N1250	Telephone Cable Diversion	55	100%	0	25-Aug-10 A	30-Oct-10 A	27-Jun-11	27-Jun-11		Telephone Cable Diversion																										
<b>Substructure and Pier Construction</b>																																				
<b>South Abutment</b>																																				
S24N1260	Piling-South Abutment	29	100%	0	15-Oct-10 A	19-Jan-11 A				Piling-South Abutment																										
S24N1261	Preparing piling platform	18	100%	0	15-Oct-10 A	05-Nov-10 A	25-Jul-11	25-Jul-11		Preparing piling platform																										
S24N1262	Pre-drilling	18	100%	0	15-Oct-10 A	05-Nov-10 A	25-Jul-11	25-Jul-11		Pre-drilling																										
S24N1263	Piling (21nos)	43	100%	0	27-Nov-10 A	19-Jan-11 A	25-Jul-11	25-Jul-11		Piling (21nos)																										
S24N1310	Excavation & Cap-South Abutment	35	100%	0	04-May-11 A	04-Jun-11 A	30-Aug-11	30-Aug-11		Excavation & Cap-South Abutment																										

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										2010				2011				2012				2013				2014											
										Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4				
<b>TW4</b>																																					
S26S1212	Piling-TW4	36	0%	36	01-Sep-12	16-Oct-12	01-Sep-12	15-Oct-12	0	■ Piling-TW4																											
S26S1222	Cap-TW4 & Backfill	27	0%	27	16-Oct-12	17-Nov-12	16-Oct-12	16-Nov-12	0	■ Cap-TW4 & Backfill																											
S26S1232	Pier-TW4	23	0%	23	17-Nov-12	14-Dec-12	17-Nov-12	13-Dec-12	0	■ Pier-TW4																											
<b>East Abutment</b>																																					
S26S1214	Piling-East Abutment	36	68%	12	16-Apr-11 A	08-Aug-11	13-Sep-12	26-Sep-12	339	■ Piling-East Abutment																											
S26S1224	Excavation & Cap-East Abutment	30	0%	30	05-Oct-12	10-Nov-12	05-Nov-12	08-Dec-12	25	■ Excavation & Cap-East Abutment																											
S26S1234	Pier & backfill, East Abutment	24	0%	24	14-Dec-12	15-Jan-13	14-Dec-12	14-Jan-13	0	■ Pier & backfill, East Abutment																											
<b>West Abutment</b>																																					
S26S1216	Piling-West Abutment	60	0%	60	19-Jul-12	27-Sep-12	27-Sep-12	08-Dec-12	60	■ Piling-West Abutment																											
S26S1226	Excavation & Cap-West Abutment	30	0%	30	10-Nov-12	15-Dec-12	10-Dec-12	16-Jan-13	25	■ Excavation & Cap-West Abutment																											
S26S1236	Pier & backfill, West Abutment	24	0%	24	15-Jan-13	15-Feb-13	17-Jan-13	16-Feb-13	2	■ Pier & backfill, West Abutment																											
<b>Decking and Finishing</b>																																					
S26S1238	Decking (Bearings, Drainage & MJ included)	130	0%	130	03-Nov-12	16-Apr-13	15-Apr-13	15-Apr-13	0	■ Decking (Bearings, Drainage & MJ included)																											
S26S1240	Balanced Cantilever at TW5 - TW4 & Stitching bet. TW4 & 5	82	0%	82	03-Nov-12	14-Feb-13	07-Nov-12	16-Feb-13	3	■ Balanced Cantilever at TW5 - TW4 & Stitching bet. TW4 & 5																											
S26S1241	Preparing of Travelling Form	18	0%	18	03-Nov-12	24-Nov-12	07-Nov-12	27-Nov-12	3	■ Preparing of Travelling Form																											
S26S1242	Construction of Cantilever Deck	50	0%	50	24-Nov-12	25-Jan-13	28-Nov-12	28-Jan-13	3	■ Construction of Cantilever Deck																											
S26S1249	Stitching between TW4 & TW5	14	0%	14	25-Jan-13	14-Feb-13	29-Jan-13	16-Feb-13	3	■ Stitching between TW4 & TW5																											
S26S1250	End Span at East Abutment & Stitching between East Abutment and TW	47	0%	47	15-Jan-13	14-Mar-13	15-Jan-13	25-Mar-13	10	■ End Span at East Abutment & Stitching between East Abutment and TW																											
S26S1251	End Span at East Abutment	33	0%	33	15-Jan-13	26-Feb-13	15-Jan-13	25-Feb-13	0	■ End Span at East Abutment																											
S26S1252	Stitching between East Abutment and TW5	14	0%	14	26-Feb-13	14-Mar-13	09-Mar-13	25-Mar-13	10	■ Stitching between East Abutment and TW5																											
S26S1255	End Span at WA & Stitching bet. WA and TW4	45	0%	45	18-Feb-13	16-Apr-13	18-Feb-13	15-Apr-13	0	■ End Span at WA & Stitching bet. WA and TW4																											
S26S1256	End Span at West Abutment	31	0%	31	18-Feb-13	26-Mar-13	18-Feb-13	25-Mar-13	0	■ End Span at West Abutment																											
S26S1257	Stitching between West Abutment and TW4	14	0%	14	26-Mar-13	16-Apr-13	26-Mar-13	15-Apr-13	0	■ Stitching between West Abutment and TW4																											
S26S1260	Parapet	36	0%	36	16-Apr-13	30-May-13	16-Apr-13	29-May-13	0	■ Parapet																											
S26S1265	Road Lighting	25	0%	25	08-May-13	07-Jun-13	25-May-13	24-Jun-13	14	■ Road Lighting																											
S26S1270	Surfacing	21	0%	21	30-May-13	25-Jun-13	30-May-13	24-Jun-13	0	■ Surfacing																											
S26S1310	Handover Inspection of LB2	3	0%	3	25-Jun-13	28-Jun-13	25-Jun-13	27-Jun-13	0	■ Handover Inspection of LB2																											
<b>Construction of Bridge LB3</b>																																					
S26S1280	Construction of Bridge LB3( incl. excavation & backfill)	267	0%	371	26-Feb-11 A	24-Oct-12	26-Feb-11	05-Jan-13	61	■ Construction of Bridge LB3( incl. excavation & backfill)																											
<b>Substructure &amp; Abutment</b>																																					
S26S1320	Piling for East Abutment	60	97%	2	26-Feb-11 A	27-Jul-11	07-Oct-11	10-Oct-11	61	■ Piling for East Abutment																											
S26S1330	Piling for West Abutment	60	81%	11	14-May-11 A	10-Aug-11	10-Oct-11	22-Oct-11	61	■ Piling for West Abutment																											
S26S1340	ELS & Excavation for East & West Abutment	24	0%	24	10-Aug-11	07-Sep-11	24-Oct-11	19-Nov-11	61	■ ELS & Excavation for East & West Abutment																											
S26S1350	Construction of East/West Abutment Structure	68	0%	68	07-Sep-11	29-Nov-11	21-Nov-11	14-Feb-12	61	■ Construction of East/West Abutment Structure																											
<b>Decking and Finishing</b>																																					
S26S1370	Bridge Deck (Bearings, Drainage & MJ included)	108	0%	108	29-Nov-11	14-Apr-12	15-Feb-12	27-Jun-12	61	■ Bridge Deck (Bearings, Drainage & MJ included)																											
S26S1371	Falsework and Scaffolding	48	0%	48	29-Nov-11	31-Jan-12	15-Feb-12	14-Apr-12	61	■ Falsework and Scaffolding																											
S26S1372	Construction of Deck	60	0%	60	31-Jan-12	14-Apr-12	16-Apr-12	27-Jun-12	61	■ Construction of Deck																											
S26S1375	Parapet	128	0%	128	14-Apr-12	15-Sep-12	28-Jun-12	28-Nov-12	61	■ Parapet																											
S26S1376	Erecting of Short Column	68	0%	68	14-Apr-12	07-Jul-12	28-Jun-12	15-Sep-12	61	■ Erecting of Short Column																											
S26S1377	Installing M-Barrier	60	0%	60	07-Jul-12	15-Sep-12	17-Sep-12	28-Nov-12	61	■ Installing M-Barrier																											

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**Highways Department - Contract No. HY/2009/08**  
**Widening of Tolo Highway/ Fanling Highway**  
**Stage 1 - Between Ma Wo and Tai Hang**  
  
**Updated Works Program (July 2011)**

Updated to 26 July 2011  
(dated on 22 July 2011, received on 29 July 2011)

Activity ID	Activity Name	Original Duration	Activity % Complete	Remaining Duration	Start	Finish	Late Start	Late Finish	Total Float	2010												2011				2012				2013				2014		
										2010				2011				2012				2013				2014										
										Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q1	Q2	Q3					
S26S1385	Handover Inspection of LB3	30	0%	30	15-Sep-12	24-Oct-12	29-Nov-12	05-Jan-13	61	Handover Inspection of LB3																										
<b>Construction of Bridge LB1</b>											Construction of Bridge LB1																									
S26S1400	Construction of Bridge LB1	643	53.34%	300	03-May-10 A	28-Jul-12	03-May-10	21-Sep-12	47	Construction of Bridge LB1																										
<b>Preparatory and Enabling Works</b>																																				
S26S1405	Site Clearance	75	100%	0	03-May-10 A	06-Aug-10 A				Site Clearance																										
S26S1406	Site Clearance - Stage 1 (LB1-North Abutment )	60	100%	0	03-May-10 A	14-Jul-10 A	23-Sep-11	23-Sep-11		Site Clearance - Stage 1 (LB1-North Abutment )																										
S26S1407	Site Clearance - Stage 2 (LB1-TW3 )	60	100%	0	27-May-10 A	06-Aug-10 A	23-Sep-11	23-Sep-11		Site Clearance - Stage 2 (LB1-TW3 )																										
S26S1410	Access Road	75	100%	0	03-May-10 A	31-Jul-10 A				Access Road																										
S26S1411	Access Road - Stage 1 (LB1-North Abutment )	60	100%	0	03-May-10 A	14-Jul-10 A	23-Sep-11	23-Sep-11		Access Road - Stage 1 (LB1-North Abutment )																										
S26S1412	Access Road - Stage 2 (LB1-TW3 )	60	100%	0	20-May-10 A	31-Jul-10 A	23-Sep-11	23-Sep-11		Access Road - Stage 2 (LB1-TW3 )																										
S26S1450	SA25-Site Clearance (TW1 & TW2)	53	100%	0	26-Mar-11 A	02-Jun-11 A	20-Sep-11	20-Sep-11		SA25-Site Clearance (TW1 & TW2)																										
S26S1455	SA25 - Access Road (TW1 & TW2)	53	100%	0	26-Mar-11 A	02-Jun-11 A	20-Sep-11	20-Sep-11		SA25 - Access Road (TW1 & TW2)																										
<b>Substructure and Pier Construction</b>																																				
<b>North Abutment</b>																																				
S26S1420	Piling-North Abutment	51	100%	0	01-Jun-10 A	31-Jul-10 A	23-Sep-11	23-Sep-11		Piling-North Abutment																										
S26S1430	Excavation & Cap-North Abutment	54	100%	0	11-Nov-10 A	28-Dec-10 A	07-Nov-11	07-Nov-11		Excavation & Cap-North Abutment																										
S26S1440	Pier & backfill, North Abutment	56	100%	0	26-Jan-11 A	04-Apr-11 A	07-Nov-11	07-Nov-11		Pier & backfill, North Abutment																										
<b>TW3</b>																																				
S26S1422	Piling-TW3	54	100%	0	28-Dec-10 A	21-Mar-11 A	23-Sep-11	23-Sep-11		Piling-TW3																										
S26S1432	Cap & Backfill - TW3	45	20%	36	26-May-11 A	05-Sep-11	23-Sep-11	05-Nov-11	50	Cap & Backfill - TW3																										
S26S1442	Pier-TW3	48	0%	48	06-Sep-11	03-Nov-11	07-Nov-11	04-Jan-12	50	Pier-TW3																										
<b>TW1</b>																																				
S26S1460	Piling-TW1	70	100%	0	21-Oct-10 A	11-Nov-10 A	25-Nov-11	25-Nov-11		Piling-TW1																										
S26S1470	Cap & Backfill - TW1	36	100%	0	27-Jan-11 A	19-Feb-11 A	25-Nov-11	25-Nov-11		Cap & Backfill - TW1																										
S26S1480	Pier-TW1	38	95%	2	23-May-11 A	27-Jul-11	25-Nov-11	26-Nov-11	102	Pier-TW1																										
<b>TW2</b>																																				
S26S1462	Piling-TW2	41	100%	0	28-Mar-11 A	15-Apr-11 A	20-Sep-11	20-Sep-11		Piling-TW2																										
S26S1472	Cap & Backfill - TW2	45	100%	0	21-Jun-11 A	15-Jul-11 A	20-Sep-11	20-Sep-11		Cap & Backfill - TW2																										
S26S1482	Pier-TW2	48	0%	48	26-Jul-11	20-Sep-11	20-Sep-11	16-Nov-11	47	Pier-TW2																										
<b>Decking and Finishing</b>																																				
S26S560	Decking (Bearings, Drainage & MJ included)	199	0%	199	27-Jul-11	26-Mar-12	28-Nov-11	25-May-12	47	Decking (Bearings, Drainage & MJ included)																										
S26S570	Balanced Cantilever at TW1	63	0%	63	27-Jul-11	12-Oct-11	28-Nov-11	15-Feb-12	102	Balanced Cantilever at TW1																										
S26S580	Preparing of Travelling Form	18	0%	18	27-Jul-11	17-Aug-11	28-Nov-11	17-Dec-11	102	Preparing of Travelling Form																										
S26S590	Construction of Cantiliver Deck	45	0%	45	17-Aug-11	12-Oct-11	19-Dec-11	15-Feb-12	102	Construction of Cantiliver Deck																										
S26S600	South End Span & Stitching (South Abutment-TW1)	50	0%	50	12-Sep-11	12-Nov-11	17-Jan-12	17-Mar-12	102	South End Span & Stitching (South Abutment-TW1)																										
S26S610	South End Span	32	0%	32	12-Sep-11	22-Oct-11	17-Jan-12	25-Feb-12	102	South End Span																										
S26S620	Stitching (South Abutment-TW1)	18	0%	18	22-Oct-11	12-Nov-11	27-Feb-12	17-Mar-12	102	Stitching (South Abutment-TW1)																										
S26S630	Balanced Cantilever at TW2 & Stitching (TW1-TW2)	95	0%	95	21-Sep-11	14-Jan-12	17-Nov-11	12-Apr-12	69	Balanced Cantilever at TW2 & Stitching (TW1-TW2)																										
S26S640	Preparing of Travelling Form	18	0%	18	21-Sep-11	13-Oct-11	17-Nov-11	07-Dec-11	47	Preparing of Travelling Form																										
S26S650	Construction of Cantiliver Deck	59	0%	59	14-Oct-11	21-Dec-11	06-Jan-12	17-Mar-12	69	Construction of Cantiliver Deck																										
S26S660	Stitching TW1-TW2	18	0%	18	22-Dec-11	14-Jan-12	19-Mar-12	12-Apr-12	69	Stitching TW1-TW2																										
S26S670	Balanced Cantilever at TW3 & Stitching (TW2-TW3)	86	0%	86	08-Nov-11	22-Feb-12	05-Jan-12	04-May-12	57	Balanced Cantilever at TW3 & Stitching (TW2-TW3)																										

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**Updated Works Program (July 2011)**

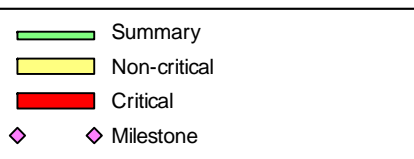
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										Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4				
S26S1800	Pier-P2	46	0%	46	25-Aug-11	21-Oct-11	12-Nov-11	09-Jan-12	64	■ Pier-P2																											
<b>P3</b>																																					
S26S1640	Piling-P3	50	100%	0	26-Feb-11 A	19-Mar-11 A	08-Dec-11	08-Dec-11		■ Piling-P3																											
S26S1660	Cap & Backfill -P3	50	40%	30	26-May-11 A	29-Aug-11	08-Dec-11	16-Jan-12	113	■ Cap & Backfill -P3																											
S26S1680	Pier-P3	48	0%	48	30-Aug-11	27-Oct-11	16-Jan-12	15-Mar-12	113	■ Pier-P3																											
<b>Decking and Finishing</b>																																					
S26S1808	Decking (Bearings, drainage & MJ included)	241	0%	241	14-Sep-11	10-Jul-12	20-Sep-11	16-Jul-12	5	■ Decking (Bearings, drainage & MJ included)																											
S26S1810	Balanced Cantilever deck at P1	58	0%	58	14-Sep-11	23-Nov-11	20-Sep-11	29-Nov-11	5	■ Balanced Cantilever deck at P1																											
S26S1811	Preparing of Travelling Form	22	0%	22	14-Sep-11	12-Oct-11	20-Sep-11	18-Oct-11	5	■ Preparing of Travelling Form																											
S26S1812	Construction of Cantiliver Deck	36	0%	36	12-Oct-11	23-Nov-11	18-Oct-11	29-Nov-11	5	■ Construction of Cantiliver Deck																											
S26S1820	South End Span & Stitching (South Abutment-P1)	50	0%	50	23-Nov-11	27-Jan-12	29-Nov-11	10-May-12	84	■ South End Span & Stitching (South Abutment-P1)																											
S26S1821	South End Span	32	0%	32	23-Nov-11	03-Jan-12	29-Nov-11	09-Jan-12	5	■ South End Span																											
S26S1822	Stitching (South Abutment-P1)	18	0%	18	03-Jan-12	27-Jan-12	18-Apr-12	10-May-12	84	■ Stitching (South Abutment-P1)																											
S26S1830	Balanced Cantilever deck at P2 & Stitching (P1-P2)	72	0%	72	03-Jan-12	30-Mar-12	09-Jan-12	01-Jun-12	48	■ Balanced Cantilever deck at P2 & Stitching (P1-P2)																											
S26S1831	Preparing of Travelling Form	18	0%	18	03-Jan-12	27-Jan-12	09-Jan-12	02-Feb-12	5	■ Preparing of Travelling Form																											
S26S1832	Balanced Cantilever deck at P2	36	0%	36	27-Jan-12	09-Mar-12	02-Feb-12	15-Mar-12	5	■ Balanced Cantilever deck at P2																											
S26S1833	Stitching (P1-P2)	18	0%	18	09-Mar-12	30-Mar-12	10-May-12	01-Jun-12	48	■ Stitching (P1-P2)																											
S26S1840	Balanced Cantilever deck at P3 & Stitching (P2-P3)	68	0%	68	09-Mar-12	04-Jun-12	15-Mar-12	22-Jun-12	16	■ Balanced Cantilever deck at P3 & Stitching (P2-P3)																											
S26S1841	Preparing of Travelling Form	18	0%	18	09-Mar-12	30-Mar-12	15-Mar-12	10-Apr-12	5	■ Preparing of Travelling Form																											
S26S1842	Balanced Cantilever deck at P3	32	0%	32	30-Mar-12	12-May-12	10-Apr-12	18-May-12	5	■ Balanced Cantilever deck at P3																											
S26S1843	Stitching (P2-P3)	18	0%	18	12-May-12	04-Jun-12	01-Jun-12	22-Jun-12	16	■ Stitching (P2-P3)																											
S26S1850	North End Span & Stitching (Nouth Abutment-P3)	47	0%	47	12-May-12	10-Jul-12	18-May-12	16-Jul-12	5	■ North End Span & Stitching (Nouth Abutment-P3)																											
S26S1851	North End Span	29	0%	29	12-May-12	16-Jun-12	18-May-12	22-Jun-12	5	■ North End Span																											
S26S1852	Stitching (Nouth Abutment-P3)	18	0%	18	16-Jun-12	10-Jul-12	22-Jun-12	16-Jul-12	5	■ Stitching (Nouth Abutment-P3)																											
S26S1860	Parapet	61	0%	61	10-Jul-12	19-Sep-12	16-Jul-12	25-Sep-12	5	■ Parapet																											
S26S1861	Erection of Short Column	31	0%	31	10-Jul-12	15-Aug-12	16-Jul-12	21-Aug-12	5	■ Erection of Short Column																											
S26S1862	Installation of M-Barrier	30	0%	30	15-Aug-12	19-Sep-12	21-Aug-12	25-Sep-12	5	■ Installation of M-Barrier																											
S26S1870	Noise Barrier	52	0%	52	19-Sep-12	22-Nov-12	25-Sep-12	28-Nov-12	5	■ Noise Barrier																											
S26S1871	Erection of H-Column	26	0%	26	19-Sep-12	22-Oct-12	25-Sep-12	29-Oct-12	5	■ Erection of H-Column																											
S26S1872	Installation of Panel	26	0%	26	22-Oct-12	22-Nov-12	29-Oct-12	28-Nov-12	5	■ Installation of Panel																											
S26S1880	Road Lighting	46	0%	46	22-Nov-12	18-Jan-13	11-Dec-12	06-Feb-13	16	■ Road Lighting																											
S26S1890	Surfacing	46	0%	46	22-Nov-12	18-Jan-13	11-Dec-12	06-Feb-13	16	■ Surfacing																											
S26S1900	Handover Inspection of Bridge 13A	3	0%	3	18-Jan-13	22-Jan-13	06-Feb-13	09-Feb-13	16	■ Handover Inspection of Bridge																											
<b>Section 3</b>																																					
<b>Site Area SA26A</b>																																					
PHSA26A2	Possession of SA26A (Day0)	0	100%	0	26-Feb-10 A					◆ Possession of SA26A (Day0)																											
SA26A000	Site Area SA26A Works Period	1215	37.45%	760	26-Feb-10 A	24-Aug-13	26-Feb-10	24-Aug-13	1	■ Site Area SA26A Works Period																											
SA26A010	Site Area SA26A Works Completion	0	0%	0		24-Aug-13*		24-Aug-13	0	◆ Site Area SA26A Works Completion																											
SA26A020	Temporary Traffic Arrangement (Detail shall refer to supplementary infor	983	37.13%	618	26-Feb-10 A	24-Aug-13	26-Feb-10	24-Aug-13	0	■ Temporary Traffic Arrangement																											
SA26A030	Overall Utilities Diversion (Detail shall refer to supplementary information	983	37.13%	618	26-Feb-10 A	24-Aug-13	26-Feb-10	24-Aug-13	0	■ Overall Utilities Diversion																											
<b>North Bound</b>																																					
<b>Preliminaries</b>																																					

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										Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4				
S26AN000	Site Clearance/Access Rd	75	100%	0	26-Feb-10 A	18-Jun-10 A																															
S26AN010	Site Clearance	60	100%	0	26-Feb-10 A	12-May-10 A	01-Aug-11	01-Aug-11																													
S26AN020	Access Rd	60	100%	0	07-Apr-10 A	18-Jun-10 A	01-Aug-11	01-Aug-11																													
<b>Slopeworks</b>																																					
S26AN502	Fill Slope (S37A-sn)	49	0%	49	26-Jul-11	21-Sep-11	18-Aug-12	16-Oct-12	317																												
S26AN506	Cut Slope (S40-sn, Including removal of existing retaining wall)	168	100%	0	19-Jun-10 A	08-Jan-11 A																															
S26AN508	Slopeworks Cut(S40) - Stage 1 (Cut Slope and Erect Scaffolding)	11	100%	0	19-Jun-10 A	16-Jul-10 A	18-Aug-11	18-Aug-11																													
S26AN510	Slopeworks Cut(S40) - Stage 1 (Soil Nail Installation : QRST)	11	100%	0	19-Jul-10 A	18-Aug-10 A	18-Aug-11	18-Aug-11																													
S26AN514	Slopeworks Cut(S40) - Stage 2 (Cut Slope and Erect Scaffolding)	14	100%	0	19-Aug-10 A	17-Sep-10 A	18-Aug-11	18-Aug-11																													
S26AN516	Slopeworks Cut(S40) - Stage 2 (Soil Nail Installation : MNOP)	14	100%	0	21-Nov-10 A	26-Dec-10 A	18-Aug-11	18-Aug-11																													
S26AN518	Slopeworks Cut(S40) - Stage 3 (Cut Slope and Erect Scaffolding)	17	100%	0	18-Aug-10 A	17-Sep-10 A	18-Aug-11	18-Aug-11																													
S26AN520	Slopeworks Cut(S40) - Stage 3 (Soil Nail Installation : IJKL)	17	100%	0	27-Dec-10 A	01-Feb-11 A	18-Aug-11	18-Aug-11																													
S26AN522	Slopeworks Cut(S40) - Stage 4 (Cut Slope and Erect Scaffolding)	12	90%	1	28-Jan-11 A	27-Jul-11	18-Aug-11	19-Aug-11	20																												
S26AN524	Slopeworks Cut(S40) - Stage 4 (Soil Nail Installation : EFGH)	12	80%	2	02-Feb-11 A	29-Jul-11	19-Aug-11	22-Aug-11	20																												
S26AN525	Slopeworks Cut(S40) - Stage 5 (Cut Slope and Erect Scaffolding)	15	0%	15	29-Jul-11	16-Aug-11	23-Aug-11	08-Sep-11	20																												
S26AN526	Slopeworks Cut(S40) - Stage 5 (Soil Nail Installation : ABCD)	18	0%	18	16-Aug-11	06-Sep-11	09-Sep-11	30-Sep-11	20																												
S26AN528	Removal of Existing Retaining Wall	30	90%	3	09-Apr-11 A	09-Sep-11	02-May-12	04-May-12	190																												
S26AN530	Cut Slope (S41-sn)	138	100%	0	19-Jun-10 A	01-Dec-10 A																															
S26AN531	Cut Slope (S41-sn) - Stage 1 (Cut Slope and Erect Scaffolding)	11	100%	0	19-Jun-10 A	16-Jul-10 A	30-Jan-12	30-Jan-12																													
S26AN532	Cut Slope (S41-sn) - Stage 1 (Soil Nail Installation : MNO PQ)	11	100%	0	19-Jul-10 A	13-Aug-10 A	30-Jan-12	30-Jan-12																													
S26AN533	Cut Slope (S41-sn) - Stage 2 (Cut Slope and Erect Scaffolding)	26	100%	0	23-Aug-10 A	17-Sep-10 A	30-Jan-12	30-Jan-12																													
S26AN534	Cut Slope (S41-sn) - Stage 2 (Soil Nail Installation : IJKL)	26	100%	0	28-Dec-10 A	27-Jan-11 A	30-Jan-12	30-Jan-12																													
S26AN535	Cut Slope (S41-sn) - Stage 3 (Cut Slope and Erect Scaffolding)	20	100%	0	20-Sep-10 A	27-Nov-10 A	30-Jan-12	30-Jan-12																													
S26AN536	Cut Slope (S41-sn) - Stage 3 (Soil Nail Installation : EFGH)	19	100%	0	30-May-11 A	22-Jun-11 A	30-Jan-12	30-Jan-12																													
S26AN537	Cut Slope (S41-sn) - Stage 4 (Cut Slope and Erect Scaffolding)	12	0%	12	26-Jul-11	08-Aug-11	30-Jan-12	13-Feb-12	152																												
S26AN538	Cut Slope (S41-sn) - Stage 4 (Soil Nail Installation : ABCD)	12	0%	12	06-Feb-12	20-Feb-12	13-Feb-12	27-Feb-12	6																												
S26AN540	Slope 7NW-B/C 349	75	100%	0	02-Oct-10 A	25-Nov-10 A																															
S26AN541	Erect Scaffolding & Soil Nail Installation (7NW-B/C 349) - Stage 1 (EF) 5	15	100%	0	02-Oct-10 A	19-Oct-10 A	15-Jun-12	15-Jun-12																													
S26AN542	Erect Scaffolding & Soil Nail Installation (7NW-B/C 349) - Stage 2 (ABC	72	100%	0	20-Oct-10 A	25-Nov-10 A	15-Jun-12	15-Jun-12																													
S26AN550	Slope 7NW-A/C35-sn	200	100%	0	01-Sep-10 A	20-Nov-10 A																															
S26AN560	Erect Scaffolding & Soil Nail Installation (7NW-A/C35-sn) - Stage 1 (OP)	10	100%	0	01-Sep-10 A	11-Sep-10 A	01-Aug-11	01-Aug-11																													
S26AN570	Erect Scaffolding & Soil Nail Installation (7NW-A/C35-sn) - Stage 2 (KLM	40	100%	0	13-Sep-10 A	19-Oct-10 A	01-Aug-11	01-Aug-11																													
S26AN580	Erect Scaffolding & Soil Nail Installation (7NW-A/C35-sn) - Stage 3 (GHI	57	100%	0	30-Sep-10 A	19-Oct-10 A	01-Aug-11	01-Aug-11																													
S26AN590	Erect Scaffolding & Soil Nail Installation (7NW-A/C35-sn) - Stage 4 (CDE	62	100%	0	20-Oct-10 A	19-Nov-10 A	01-Aug-11	01-Aug-11																													
S26AN650	Erect Scaffolding & Soil Nail Installation (7NW-A/C35-sn) - Stage 5 (AB)	31	100%	0	01-Nov-10 A	20-Nov-10 A	01-Aug-11	01-Aug-11																													
S26AN660	Slope 7NW-A/CR39	80	100%	0	22-Nov-10 A	28-Mar-11 A																															
S26AN670	Erect Scaffolding & Soil Nail Installation (7NW-A/CR39) - Stage 1 (JK) 2	10	100%	0	22-Nov-10 A	15-Dec-10 A	01-Aug-11	01-Aug-11																													
S26AN680	Erect Scaffolding & Soil Nail Installation (7NW-A/CR39) - Stage 2 (DEFC	40	100%	0	16-Dec-10 A	25-Feb-11 A	01-Aug-11	01-Aug-11																													
S26AN690	Erect Scaffolding & Soil Nail Installation (7NW-A/CR39) - Stage 3 (ABC	30	100%	0	22-Feb-11 A	28-Mar-11 A	01-Aug-11	01-Aug-11																													
S26AN700	Debris Catcher Fence and NTHA Protective Measures (Area 6-2) [Provi	80	0%	80	15-Feb-12	23-May-12	22-May-13	24-Aug-13	373																												
S26AN710	Site Access to Hazard Rock Areas	40	0%	40	15-Feb-12	31-Mar-12	22-May-13	09-Jul-13	373																												
S26AN720	Installation of Rock Fall Fence	40	0%	40	02-Apr-12	23-May-12	10-Jul-13	24-Aug-13	373																												
S26AN800	Debris Catcher Fence and NTHA Protective Measures (Area 5) [Provisic	80	0%	80	15-Feb-12	23-May-12	15-Jun-12	18-Sep-12	98																												

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**Stage 1 - Between Ma Wo and Tai Hang**  
  
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Activity ID	Activity Name	Original Duration	Activity % Complete	Remaining Duration	Start	Finish	Late Start	Late Finish	Total Float	Gantt Chart																			
										2010				2011				2012				2013				2014			
										Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
S26AS540	Slope Surface Treatment	31	0%	31	12-May-12	19-Jun-12	20-Jul-13	24-Aug-13	351																				
<b>Construction of Retaining Wall</b>																													
<b>Retaining Wall W65A</b>																													
S27S1000	Sheet Pile/Excavate & Construct W65A	83	100%	0	28-Dec-10 A	08-Apr-11 A																							
S27S1001	Sheet Pile & Excavation	32	100%	0	28-Dec-10 A	07-Feb-11 A	26-Jul-11	26-Jul-11																					
S27S1002	Construction of Structure W65A and Backfilling	50	60%	37	11-Apr-11 A	06-Sep-11	26-Jul-11	07-Sep-11	1																				
<b>Retaining Wall W65B, (CSD 1)</b>																													
S27S1040	WSD 1220 dia Diversion	36	0%	36	26-Jul-11	05-Sep-11	27-Jul-11	07-Sep-11	2																				
S27S1042	HyD Lighting relocation	36	100%	0	26-May-11 A	18-Jun-11 A	07-Sep-11	07-Sep-11																					
S27S1044	Relocation of Existing Electric Poles, CLP	24	100%	0	26-May-11 A	18-Jun-11 A	07-Sep-11	07-Sep-11																					
S27S1050	Excavate to cut-off level	42	100%	0	15-Oct-10 A	03-Dec-10 A	07-Sep-11	07-Sep-11																					
S27S1060	Capping/Walling for W65B	42	54.76%	19	06-Apr-11 A	16-Aug-11	07-Sep-11	30-Sep-11	38																				
S27S1070	Backfilling	75	0%	75	07-Sep-11	07-Dec-11	07-Sep-11	06-Dec-11	0																				
<b>Roadworks, Drainage &amp; Utilities</b>																													
S26AS400	Roadworks, Drainages & Utilities (ch4080-ch4520)	503	0%	503	07-Dec-11	21-Aug-13	07-Dec-11	24-Aug-13	4																				
S26AS410	Roadworks, Drainages & Utilities (ch4080-ch4300)	104	0%	104	07-Dec-11	18-Apr-12	07-Dec-11	17-Apr-12	0																				
S26AS412	Utilities (ch4080-ch4300)	75	0%	75	07-Dec-11	10-Mar-12	07-Dec-11	09-Mar-12	0																				
S26AS416	Drainages (ch4080-ch4300)	75	0%	75	21-Dec-11	24-Mar-12	21-Dec-11	23-Mar-12	0																				
S26AS418	Road Surface & Roadmark - Stage 1 (ch4080-4300)	74	0%	74	14-Jan-12	18-Apr-12	14-Jan-12	17-Apr-12	0																				
S26AS420	Roadworks, Drainages & Utilities (ch4300-ch4520)	150	0%	150	18-Apr-12	17-Oct-12	18-Apr-12	16-Oct-12	0																				
S26AS422	Utilities (ch4300-ch4520)	75	0%	75	18-Apr-12	19-Jul-12	18-Apr-12	18-Jul-12	0																				
S26AS426	Drainages (ch4300-ch4520)	75	0%	75	19-Jul-12	17-Oct-12	19-Jul-12	16-Oct-12	0																				
S26AS428	Road Surface & Roadmark - Stage 1 (ch4300-ch4520)	75	0%	75	19-Jul-12	17-Oct-12	19-Jul-12	16-Oct-12	0																				
S27s4090	HyD/Lighting (Existing Street Light removal by HyD Lightings)	52	100%	0	26-May-11 A	25-Jun-11 A	03-Apr-12	03-Apr-12																					
S27S4100	Slip Road K	52	0%	52	07-Dec-11	13-Feb-12	02-Feb-12	03-Apr-12	43																				
S27S4110	Slip Road S	225	0%	225	17-Oct-12	24-Jul-13	22-Oct-12	27-Jul-13	4																				
S27S4120	Utilities	75	0%	75	17-Oct-12	17-Jan-13	22-Oct-12	21-Jan-13	4																				
S27S4130	Drainages	75	0%	75	17-Jan-13	23-Apr-13	22-Jan-13	26-Apr-13	4																				
S27S4140	Road Surface and Roadmark	75	0%	75	23-Apr-13	24-Jul-13	27-Apr-13	27-Jul-13	4																				
S27S4150	Lane Shifting for South Bound, SA26A & 27	24	0%	24	24-Jul-13	21-Aug-13	29-Jul-13	24-Aug-13	4																				
<b>Noise Barriers &amp; Road Barriers</b>																													
S26AS300	Construct Noise Barrier & Beam Barrier, NB36 & NB37	240	0%	240	07-Dec-11	28-Sep-12	23-Dec-11	16-Oct-12	14																				
S26AS310	Noise Barrier : Foundation Works	60	0%	60	07-Dec-11	22-Feb-12	23-Dec-11	08-Mar-12	14																				
S26AS320	Noise Barrier : Installation of H-column & Panel	60	0%	60	22-Feb-12	08-May-12	09-Mar-12	23-May-12	14																				
S26AS330	Beam Barrier : Erection of Short Column	60	0%	60	08-May-12	20-Jul-12	24-May-12	04-Aug-12	14																				
S26AS340	Beam Barrier : Installation of M-Barrier	60	0%	60	20-Jul-12	28-Sep-12	06-Aug-12	16-Oct-12	14																				
<b>Traffic Control &amp; Survelance System</b>																													
S26AS480	TCSS	204	0%	204	10-Mar-12	16-Nov-12	13-Apr-12	14-Dec-12	25																				
S26AS481	TCSS - Stage 1 (ch3720 - ch3900)	36	0%	36	10-Mar-12	26-Apr-12	13-Apr-12	25-May-12	25																				
S26AS482	TCSS - Stage 2 (ch3900 - ch4080)	30	0%	30	26-Apr-12	02-Jun-12	26-May-12	03-Jul-12	25																				
S26AS483	TCSS - Stage 3 (ch4080 - ch4260), G59	36	0%	36	02-Jun-12	17-Jul-12	04-Jul-12	14-Aug-12	25																				
S26AS484	TCSS - Stage 4 (ch4260 - ch4440), G58	36	0%	36	17-Jul-12	28-Aug-12	15-Aug-12	25-Sep-12	25																				
S26AS485	TCSS - Stage 5 (ch4440 - ch4620)	30	0%	30	28-Aug-12	04-Oct-12	26-Sep-12	02-Nov-12	25																				

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										Q1				Q2				Q3				Q4				Q1				Q2				Q3				Q4			
										Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4				
S26AS486	TCSS - Stage 6 (ch4620 - ch4820), G57	36	0%	36	04-Oct-12	16-Nov-12	03-Nov-12	14-Dec-12	25	TCSS - Stage 6 (ch4620 - ch4820)																															
<b>North &amp; South Bound</b>																																									
<b>Slopeworks</b>																																									
S26ANS50	Slopeworks & Reinforced Earth Wall Bridge 18A	72	100%	0	26-Feb-11 A	27-May-11 A	03-Oct-11	03-Oct-11		Slopeworks & Reinforced Earth Wall Bridge 18A																															
<b>Construction of Bridge 18A</b>																																									
S26ANS10	Construct East & West Abutment of Bridge 18A	91	40.2%	55	28-Mar-11 A	28-Sep-11	28-Mar-11	24-Oct-11	20	Construct East & West Abutment of Bridge 18A																															
S26ANS12	Construct East Abutment & Bearing (Bridge 18A)	36	75%	9	28-Mar-11 A	17-Sep-11	03-Oct-11	13-Oct-11	20	Construct East Abutment & Bearing (Bridge 18A)																															
S26ANS14	Construction West Abutment & Bearing (Bridge 18A)	36	75%	9	08-Jul-11 A	28-Sep-11	14-Oct-11	24-Oct-11	20	Construction West Abutment & Bearing (Bridge 18A)																															
S26ANS16	Bridge 18A Decking and Watermain Diversion	162	1.48%	160	24-Jun-11 A	07-Feb-12	24-Jun-11	01-Mar-12	20	Bridge 18A Decking and Watermain Diversion																															
S26ANS60	Erecting Temporary Bridge Support	48	100%	0	24-Jun-11 A	16-Jul-11 A	14-Oct-11	14-Oct-11		Erecting Temporary Bridge Support																															
S26ANS70	Construction of Deck	60	0%	60	17-Sep-11	29-Nov-11	14-Oct-11	22-Dec-11	20	Construction of Deck																															
S26ANS80	Installing Watermain for Diversion	30	0%	30	29-Nov-11	06-Jan-12	23-Dec-11	02-Feb-12	20	Installing Watermain for Diversion																															
S26ANS90	Road Surfacing	24	0%	24	06-Jan-12	07-Feb-12	03-Feb-12	01-Mar-12	20	Road Surfacing																															
<b>Roadworks, Drainage &amp; Utilities</b>																																									
S26ANS42	Diversion of water mains at existing bridge 18	49	0%	49	29-Nov-11	01-Feb-12	31-Dec-11	01-Mar-12	25	Diversion of water mains at existing bridge 18																															
S26ANS44	DN450 Trenchless Method for Fire Mains - Shafts formation	74	0%	74	24-Apr-12	24-Jul-12	02-May-12	31-Jul-12	6	DN450 Trenchless Method for Fire Mains - Shafts formation																															
S26ANS46	DN450 Trenchless Method for Fire Mains	74	0%	74	24-Jul-12	20-Oct-12	31-Jul-12	29-Oct-12	6	DN450 Trenchless Method for Fire Mains																															
S26ANS48	DN450 Trenchless Method for Fire Mains - Reinstatement	71	0%	71	20-Oct-12	16-Jan-13	29-Oct-12	23-Jan-13	6	DN450 Trenchless Method for Fire Mains - Reinstatement																															
<b>Demolition of Existing Bridge 18</b>																																									
S26ANS20	Erect temporary support for demolition	49	0%	49	29-Nov-11	01-Feb-12	31-Dec-11	01-Mar-12	25	Erect temporary support for demolition																															
S26ANS30	Demolition of Existing Bridge 18	50	0%	50	07-Feb-12	10-Apr-12	02-Mar-12	04-May-12	20	Demolition of Existing Bridge 18																															
S26ANS40	Removal of temporary support	22	0%	22	10-Apr-12	07-May-12	31-May-12	26-Jun-12	41	Removal of temporary support																															
<b>Site Area SA27</b>																																									
PHSA2720	Possession of SA27	0	100%	0	26-Mar-10 A					Possession of SA27																															
SA270000	Site Area SA27 Works Period	1187	41.03%	700	26-Mar-10 A	25-Jun-13	26-Mar-10	25-Jun-13	0	Site Area SA27 Works Period																															
SA270010	Site Area SA27 Works Completion	0	0%	0		25-Jun-13*		25-Jun-13	0	Site Area SA27 Works Completion																															
SA270020	Temporary Traffic Arrangement (Detail shall refer to supplementary information)	959	40.88%	567	26-Mar-10 A	25-Jun-13	26-Mar-10	25-Jun-13	0	Temporary Traffic Arrangement																															
SA270030	Overall Utilities Diversion (Detail shall refer to supplementary information)	959	40.88%	567	26-Mar-10 A	25-Jun-13	26-Mar-10	25-Jun-13	0	Overall Utilities Diversion																															
<b>South Bound</b>																																									
<b>Slopeworks</b>																																									
S27S0000	Site Clearance/Access Rd	130	100%	0	27-Mar-10 A	03-Sep-10 A				Site Clearance/Access Rd																															
S27S0001	Site Clearance (Stage 1)	40	100%	0	27-Mar-10 A	18-May-10 A	25-Jul-11	25-Jul-11		Site Clearance (Stage 1)																															
S27S0002	Site Clearance (Stage 2)	40	100%	0	19-Jun-10 A	05-Aug-10 A	25-Jul-11	25-Jul-11		Site Clearance (Stage 2)																															
S27S0004	Access Rd (Stage 1)	40	100%	0	30-Apr-10 A	18-Jun-10 A	25-Jul-11	25-Jul-11		Access Rd (Stage 1)																															
S27S0005	Access Rd (Stage 2)	40	100%	0	20-Jul-10 A	03-Sep-10 A	25-Jul-11	25-Jul-11		Access Rd (Stage 2)																															
S27S5000	Slopeworks Cut(S34)	46	80%	9	28-Dec-10 A	05-Aug-11	19-Jan-12	02-Feb-12	146	Slopeworks Cut(S34)																															
S27S5100	Slopeworks Cut(S42), Fill(S43)	75	3.33%	73	28-Dec-10 A	21-Oct-11	28-Dec-10	16-Feb-12	96	Slopeworks Cut(S42), Fill(S43)																															
S27S5101	Slopeworks Cut(S42)	60	10%	54	28-Dec-10 A	14-Oct-11	02-Dec-11	09-Feb-12	96	Slopeworks Cut(S42)																															
S27S5102	Slopeworks Fill(S43)	60	0%	60	09-Aug-11	21-Oct-11	02-Dec-11	16-Feb-12	96	Slopeworks Fill(S43)																															
S27S5110	Slopeworks Cut(S37)	0	0%	87	18-Nov-10 A	07-Nov-11	18-Nov-10	16-Feb-12	81	Slopeworks Cut(S37)																															
S27S5111	Slopeworks Cut(S37) - Stage 1, +40mPD	62	60%	25	18-Nov-10 A	23-Aug-11	01-Nov-11	29-Nov-11	81	Slopeworks Cut(S37) - Stage 1, +40mPD																															
S27S5112	Slopeworks Cut(S37) - Stage 2, +33.8mPD	62	0%	62	23-Aug-11	07-Nov-11	30-Nov-11	16-Feb-12	81	Slopeworks Cut(S37) - Stage 2, +33.8mPD																															

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										Q1				Q2				Q3				Q4				Q1				Q2				Q3				Q4			
										Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4				
S27S5120	Slopeworks Fill(S38)(Including removal of existing retaining wall)	144	0%	144	07-Sep-11	03-Mar-12	08-Nov-11	05-May-12	49	Slopeworks Fill(S38)(Including removal of existing retaining wall)																															
S27S5121	Slopeworks Fill(S38) : Removal of existing retaining wall	36	0%	36	07-Sep-11	22-Oct-11	08-Nov-11	19-Dec-11	49	Slopeworks Fill(S38) : Removal of existing retaining wall																															
S27S5122	Slopeworks Fill(S38) - Stage 1, +32mPD	36	0%	36	22-Oct-11	03-Dec-11	20-Dec-11	06-Feb-12	49	Slopeworks Fill(S38) - Stage 1, +32mPD																															
S27S5123	Slopeworks Fill(S38) - Stage 2, +34mPD	36	0%	36	03-Dec-11	18-Jan-12	07-Feb-12	19-Mar-12	49	Slopeworks Fill(S38) - Stage 2, +34mPD																															
S27S5124	Slopeworks Fill(S38) - Stage 3, formation level	36	0%	36	18-Jan-12	03-Mar-12	20-Mar-12	05-May-12	49	Slopeworks Fill(S38) - Stage 3, formation level																															
S27S5130	Slopeworks Cut(S39)	138	100%	0	19-Jun-10 A	23-Feb-11 A				Slopeworks Cut(S39)																															
S27S5131	Slopeworks Cut(S39) - Stage 1, +37mPD	46	100%	0	19-Jun-10 A	12-Aug-10 A	25-Jul-11	25-Jul-11		Slopeworks Cut(S39) - Stage 1, +37mPD																															
S27S5132	Slopeworks Cut(S39) - Stage 2, +35mPD	46	100%	0	13-Aug-10 A	07-Oct-10 A	25-Jul-11	25-Jul-11		Slopeworks Cut(S39) - Stage 2, +35mPD																															
S27S5133	Slopeworks Cut(S39) - Stage 3, formation level	46	100%	0	28-Dec-10 A	23-Feb-11 A	25-Jul-11	25-Jul-11		Slopeworks Cut(S39) - Stage 3, formation level																															
<b>Construction of Retaining Wall W66/67 (CSD 2) &amp; W71</b>																																									
S27S1100	W66 & W67 (CSD 2)	45	100%	0	02-Oct-10 A	19-Mar-11 A				W66 & W67 (CSD:2)																															
S27S1101	Base Slab (W66)	30	100%	0	02-Oct-10 A	01-Nov-10 A	25-Jul-11	25-Jul-11		Base Slab (W66)																															
S27S1102	Wall Stem (W66)	30	100%	0	02-Nov-10 A	26-Dec-10 A	25-Jul-11	25-Jul-11		Wall Stem (W66)																															
S27S1103	Base Slab (W67)	30	100%	0	08-Nov-10 A	25-Dec-10 A	25-Jul-11	25-Jul-11		Base Slab (W67)																															
S27S1113	Wall Stem (W67)	24	100%	0	28-Feb-11 A	19-Mar-11 A	25-Jul-11	25-Jul-11		Wall Stem (W67)																															
S27S1115	Backfill for W66&67	54	30%	38	27-Jun-11 A	07-Sep-11	25-Jul-11	07-Sep-11	0	Backfill for W66&67																															
S27S1200	Retaining Wall W71 (Bay1 - Bay5)	110	100%	0	02-Jun-10 A	12-Oct-10 A				Retaining Wall W71 (Bay1 - Bay5)																															
S27S1210	Retaining Wall W71 : Base Slab	55	100%	0	02-Jun-10 A	06-Aug-10 A	02-Dec-11	02-Dec-11		Retaining Wall W71 : Base Slab																															
S27S1220	Retaining Wall W71 : Wall Stem	55	100%	0	07-Aug-10 A	12-Oct-10 A	02-Dec-11	02-Dec-11		Retaining Wall W71 : Wall Stem																															
S27S1230	Backfill for W71	50	75%	13	27-Jun-11 A	09-Aug-11	17-Nov-11	01-Dec-11	96	Backfill for W71																															
<b>Roadworks, Drainage &amp; Utilities</b>																																									
S27S4000	Roadworks, Drainages & Utilities	230	0%	230	07-Nov-11	17-Aug-12	17-Feb-12	16-Oct-12	49	Roadworks, Drainages & Utilities																															
S27S4002	Utilities - Stage 1 (W66 & W67)	60	0%	60	07-Nov-11	19-Jan-12	17-Feb-12	02-May-12	81	Utilities - Stage 1 (W66 & W67)																															
S27S4004	Drainages - Stage 1	60	0%	60	28-Nov-11	13-Feb-12	09-Mar-12	23-May-12	81	Drainages - Stage 1																															
S27S4010	Road Surface - Stage 1	60	0%	60	03-Mar-12	18-May-12	07-May-12	18-Jul-12	49	Road Surface - Stage 1																															
S27S4012	Roadmark and Lane Shifting - Stage 1	30	0%	30	18-May-12	25-Jun-12	10-Sep-12	16-Oct-12	94	Roadmark and Lane Shifting - Stage 1																															
S27S4020	Utilities - Stage 2 (Remaining)	75	0%	75	19-Jan-12	24-Apr-12	05-Jun-12	01-Sep-12	108	Utilities - Stage 2 (Remaining)																															
S27S4030	Drainages - Stage 2	75	0%	75	13-Feb-12	16-May-12	27-Jun-12	22-Sep-12	108	Drainages - Stage 2																															
S27S4040	Road Surface, Roadmark and Lane Shifting, Stage 2	75	0%	75	18-May-12	17-Aug-12	19-Jul-12	16-Oct-12	49	Road Surface, Roadmark and Lane Shift																															
<b>Noise Barriers &amp; Road Barriers</b>																																									
S27S3000	Construct Beam Barrier	120	0%	120	03-Mar-12	31-Jul-12	24-May-12	16-Oct-12	64	Construct Beam Barrier																															
S27S3010	Beam Barrier : Erection of Short Column	60	0%	60	03-Mar-12	18-May-12	24-May-12	04-Aug-12	64	Beam Barrier : Erection of Short Column																															
S27S3040	Beam Barrier : Installation of M-Barrier	60	0%	60	18-May-12	31-Jul-12	06-Aug-12	16-Oct-12	64	Beam Barrier : Installation of M-Barrier																															
<b>Construction of Bridge 15A</b>																																									
<b>Preparatory and Enabling Works</b>																																									
S26AS205	Site Clearance	102	100%	0	01-Jun-10 A	30-Sep-10 A	06-Oct-11	06-Oct-11		Site Clearance																															
S26AS210	Hual Road	102	100%	0	01-Jun-10 A	30-Sep-10 A	06-Oct-11	06-Oct-11		Hual Road																															
S26AS215	11KV Diversion, CLP	102	100%	0	01-Jun-10 A	30-Sep-10 A	06-Oct-11	06-Oct-11		11KV Diversion, CLP																															
S26AS225	2 nos. Existing fresh water mains diversion	36	100%	0	26-Jan-11 A	11-Mar-11 A	17-Mar-12	17-Mar-12		2 nos. Existing fresh water mains diversion																															
S26AS235	Existing tel cable diversion, PCCW	36	100%	0	26-Jan-11 A	11-Mar-11 A	17-Mar-12	17-Mar-12		Existing tel cable diversion, PCCW																															
S26AS245	HyD/Lighting	60	100%	0	26-Jan-11 A	09-Apr-11 A	28-Apr-12	28-Apr-12		HyD/Lighting																															
<b>Substructure and Pier Construction</b>																																									

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

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Activity ID	Activity Name	Original Duration	Activity % Complete	Remaining Duration	Start	Finish	Late Start	Late Finish	Total Float	2010												2011				2012				2013				2014											
										Q1				Q2				Q3				Q4				Q1				Q2				Q3				Q4				Q1		Q2	
<b>South Abutment, P1 to P5</b>																																													
S26AS220	Piling - South Abutment, P1 to P5	335	97.58%	8	02-Jul-10 A	04-Aug-11	02-Jul-10	08-Feb-12	152	Piling - South Abutment, P1 to P5																																			
S26AS230	Excavation & Cap-South Abutment, P1 to P5	173	74.49%	44	07-Feb-11 A	16-Sep-11	07-Feb-11	21-Mar-12	152	Excavation & Cap-South Abutment, P1 to P5																																			
S26AS240	Pier & backfill, South Abutment, P1 to P5	112	28.61%	80	13-Jun-11 A	31-Oct-11	13-Jun-11	08-May-12	152	Pier & backfill, South Abutment, P1 to P5																																			
<b>South Abutment</b>																																													
S26AS770	Piling - South Abutment	71	100%	0	02-Jul-10 A	07-Feb-11 A	06-Oct-11	06-Oct-11		Piling - South Abutment																																			
S26AS780	Cap & Backfill - South Abutment	37	100%	0	07-Feb-11 A	22-Mar-11 A	21-Nov-11	21-Nov-11		Cap & Backfill - South Abutment																																			
S26AS790	South Abutment	21	100%	0	13-Jun-11 A	14-Jul-11 A	21-Nov-11	21-Nov-11		South Abutment																																			
<b>P1</b>																																													
S26AS610	Piling - P1	66	100%	0	18-Jan-11 A	09-Apr-11 A	06-Oct-11	06-Oct-11		Piling - P1																																			
S26AS620	Cap & Backfill - P1	37	100%	0	26-May-11 A	09-Jul-11 A	06-Oct-11	06-Oct-11		Cap & Backfill - P1																																			
S26AS630	Pier - P1	36	20%	29	30-Jun-11 A	27-Aug-11	06-Oct-11	09-Nov-11	60	Pier - P1																																			
<b>P2</b>																																													
S26AS640	Piling - P2	66	100%	0	26-Apr-11 A	27-May-11 A	04-Jan-12	04-Jan-12		Piling - P2																																			
S26AS650	Cap & Backfill - P2	37	100%	0	09-Jun-11 A	23-Jul-11 A	04-Jan-12	04-Jan-12		Cap & Backfill - P2																																			
S26AS660	Pier - P2	36	10%	32	30-Jun-11 A	01-Sep-11	04-Jan-12	14-Feb-12	134	Pier - P2																																			
<b>P3</b>																																													
S26AS670	Piling - P3	66	100%	0	28-Dec-10 A	01-Feb-11 A	20-Jan-12	20-Jan-12		Piling - P3																																			
S26AS680	Cap & Backfill - P3	37	100%	0	26-Mar-11 A	14-May-11 A	20-Jan-12	20-Jan-12		Cap & Backfill - P3																																			
S26AS700	Pier - P3	36	30%	25	09-May-11 A	24-Aug-11	20-Jan-12	22-Feb-12	147	Pier - P3																																			
<b>P4</b>																																													
S26AS548	Piling - P4	63	100%	0	09-Feb-11 A	26-Mar-11 A	17-Mar-12	17-Mar-12		Piling - P4																																			
S26AS550	Cap & Backfill - P4	46	100%	0	07-Apr-11 A	16-May-11 A	17-Mar-12	17-Mar-12		Cap & Backfill - P4																																			
S26AS560	Pier - P4	36	10%	32	30-Jun-11 A	01-Sep-11	17-Mar-12	28-Apr-12	194	Pier - P4																																			
<b>P5</b>																																													
S26AS570	Piling - P5	54	85%	8	26-May-11 A	04-Aug-11	30-Jan-12	08-Feb-12	152	Piling - P5																																			
S26AS580	Cap & Backfill - P5	36	0%	36	04-Aug-11	16-Sep-11	08-Feb-12	21-Mar-12	152	Cap & Backfill - P5																																			
S26AS590	Pier - P5	36	0%	36	16-Sep-11	31-Oct-11	21-Mar-12	08-May-12	152	Pier - P5																																			
<b>P6</b>																																													
S26AS222	Piling-P6	54	0%	54	28-Dec-11	05-Mar-12	21-Feb-12	28-Apr-12	43	Piling-P6																																			
S26AS232	Cap & Backfill - P6	36	0%	36	05-Mar-12	20-Apr-12	28-Apr-12	12-Jun-12	43	Cap & Backfill - P6																																			
S26AS242	Pier-P6	31	0%	31	20-Apr-12	29-May-12	12-Jun-12	20-Jul-12	43	Pier-P6																																			
<b>North Abutment</b>																																													
S26AS224	Piling-North Abutment	54	0%	54	28-Dec-11	05-Mar-12	21-Feb-12	28-Apr-12	43	Piling-North Abutment																																			
S26AS234	Excavation & Cap-North Abutment	36	0%	36	05-Mar-12	20-Apr-12	28-Apr-12	12-Jun-12	43	Excavation & Cap-North Abutment																																			
S26AS244	Pier & backfill, North Abutment	31	0%	31	20-Apr-12	29-May-12	12-Jun-12	20-Jul-12	43	Pier & backfill, North Abutment																																			
<b>Decking and Finishing</b>																																													
S26AS250	Bridge Deck (7 spans) (Bearing, Drainage & MJ included)	237	0%	237	26-Sep-11	17-Jul-12	07-Dec-11	05-Sep-12	43	Bridge Deck (7 spans) (Bearing, Drainage & MJ included)																																			
S26AS251	Bridge Deck - Pier 1 to South Abutment	40	0%	40	26-Sep-11	14-Nov-11	07-Dec-11	30-Jan-12	60	Bridge Deck - Pier 1 to South Abutment																																			
S26AS252	Bridge Deck - Pier 2 to Pier 1	40	0%	40	02-Nov-11	19-Dec-11	14-Jan-12	05-Mar-12	60	Bridge Deck - Pier 2 to Pier 1																																			
S26AS253	Bridge Deck - Pier 3 to Pier 2	40	0%	40	07-Dec-11	30-Jan-12	22-Feb-12	13-Apr-12	60	Bridge Deck - Pier 3 to Pier 2																																			
S26AS254	Bridge Deck - Pier 4 to Pier 3	40	0%	40	14-Jan-12	05-Mar-12	28-Mar-12	19-May-12	60	Bridge Deck - Pier 4 to Pier 3																																			
S26AS255	Bridge Deck - Pier 5 to Pier 4	40	0%	40	22-Feb-12	13-Apr-12	08-May-12	26-Jun-12	60	Bridge Deck - Pier 5 to Pier 4																																			

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**Stage 1 - Between Ma Wo and Tai Hang**  
  
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										2010				2011				2012				2013				2014			
										Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
S26AS256	Bridge Deck - Pier 6 to Pier 5	40	0%	40	28-Mar-12	19-May-12	13-Jun-12	01-Aug-12	60																				
S26AS257	Bridge Deck - North Abutment to Pier 6	40	0%	40	29-May-12	17-Jul-12	20-Jul-12	05-Sep-12	43																				
S26AS258	Parapet	60	0%	60	17-Jul-12	25-Sep-12	05-Sep-12	17-Nov-12	43																				
S26AS260	Noise Barrier for Bridge 15A	60	0%	60	14-Aug-12	26-Oct-12	05-Oct-12	15-Dec-12	43																				
S26AS262	Surfacing	60	0%	60	11-Sep-12	23-Nov-12	03-Nov-12	16-Jan-13	43																				
S26AS265	Lighting	60	0%	60	11-Oct-12	21-Dec-12	01-Dec-12	16-Feb-13	43																				
S26AS280	Handover Inspection of Bridge 15A	3	0%	3	21-Dec-12	27-Dec-12	16-Feb-13	20-Feb-13	43																				
<b>Section 4</b>																													
<b>Site Area SA28</b>																													
PHSA2820	Possession of SA28 (Day0)	0	100%	0	26-Feb-10 A						◆ Possession of SA28 (Day0)																		
SA280000	Site Area SA28 Works Period	1216	37.56%	759	26-Feb-10 A	23-Aug-13	26-Feb-10	06-Aug-13	-17	Site Area SA28 Works Period																			
SA280010	Site Area SA28 Works Completion	0	0%	0		23-Aug-13*		06-Aug-13	-17	◆ Site Area SA28 Works Completion																			
SA280030	Temporary Traffic Arrangement (Detail shall refer to supplementary information)	983	37.21%	617	26-Feb-10 A	23-Aug-13	26-Feb-10	06-Aug-13	-15	Temporary Traffic Arrangement																			
SA280040	Overall Utilities Diversion (Detail shall refer to supplementary information)	983	37.21%	617	26-Feb-10 A	23-Aug-13	26-Feb-10	06-Aug-13	-15	Overall Utilities Diversion																			
<b>North Bound</b>																													
<b>Preliminaries</b>																													
S28N0000	Site Clearance/Access Rd	239	100%	0	26-Feb-10 A	19-Feb-11 A				Site Clearance/Access Rd																			
S28N0010	Site Clearance (ch 4830-5250)	75	100%	0	26-Feb-10 A	05-Jun-10 A	07-Jul-11	07-Jul-11		Site Clearance (ch 4830-5250)																			
S28N0020	Site Clearance (ch 5250-5700)	75	100%	0	17-Apr-10 A	23-Jul-10 A	02-Aug-11	02-Aug-11		Site Clearance (ch 5250-5700)																			
S28N0110	Access Rd (ch 4830-5250)	75	100%	0	30-Jun-10 A	04-Oct-10 A	19-Apr-12	19-Apr-12		Access Rd (ch 4830-5250)																			
S28N0120	Access Rd (ch 5250-5700)	75	100%	0	09-Sep-10 A	19-Feb-11 A	19-Apr-12	19-Apr-12		Access Rd (ch 5250-5700)																			
<b>Slopeworks</b>																													
S28N5000	Slopeworks Fill S44	36	0%	36	11-Nov-11	23-Dec-11	25-Oct-11	06-Dec-11	-15	Slopeworks Fill S44																			
S28N5010	Slopeworks Fill S45	40	0%	40	20-Jul-12	04-Sep-12	12-Dec-12	30-Jan-13	121	Slopeworks Fill S45																			
<b>Construction of Retaining Wall</b>																													
<b>Retaining Wall W72B (CSD 1)</b>																													
S28N2010	Prepare Piling Platform for W72B	13	100%	0	14-Sep-10 A	29-Sep-10 A	07-Jul-11	07-Jul-11		Prepare Piling Platform for W72B																			
S28N2020	Pre-drilling for W72B	13	100%	0	14-Sep-10 A	29-Sep-10 A	07-Jul-11	07-Jul-11		Pre-drilling for W72B																			
S28N2040	Piling works	24	100%	0	01-Mar-11 A	21-Mar-11 A	07-Jul-11	07-Jul-11		Piling works																			
S28N2050	Capping/Walling for W72B	50	100%	0	26-May-11 A	25-Jul-11 A				Capping/Walling for W72B																			
S28N2051	Pile Cap for W72B	30	100%	0	26-May-11 A	09-Jun-11 A	08-Jul-11	08-Jul-11		Pile Cap for W72B																			
S28N2052	Walling for W72B	75	66%	26	01-Jun-11 A	24-Aug-11	08-Jul-11	08-Aug-11	-14	Walling for W72B																			
S28N2060	Backfilling	64	0%	64	24-Aug-11	10-Nov-11	08-Aug-11	25-Oct-11	-14	Backfilling																			
<b>Retaining Wall W73 (CSD 1)</b>																													
S28N2071	Excavation & ELS	24	100%	0	14-Sep-10 A	13-Oct-10 A	12-Aug-11	12-Aug-11		Excavation & ELS																			
S28N2072	W73 wall Structure (7 bays)	45	100%	0	01-Mar-11 A	20-Apr-11 A				W73 wall Structure (7 bays)																			
S28N2073	Base Slab W73	24	100%	0	01-Mar-11 A	28-Mar-11 A	12-Aug-11	12-Aug-11		Base Slab W73																			
S28N2074	Wall Stem & W73	24	100%	0	25-Mar-11 A	20-Apr-11 A	12-Aug-11	12-Aug-11		Wall Stem & W73																			
S28N2080	Backfill	75	20%	60	09-Jul-11 A	05-Nov-11	12-Aug-11	25-Oct-11	-10	Backfill																			
<b>Retaining Wall for Accom. Underpass Extn. (CSD 1)</b>																													
S28N230	Pre-drilling for Accommodation Underpass Extension	30	100%	0	30-Jun-10 A	04-Aug-10 A	26-Jun-14	26-Jun-14		Pre-drilling for Accommodation Underpass Extension																			
S28N240	Prepare Piling Platform for Accom. Underpass Extn	30	100%	0	30-Jun-10 A	04-Aug-10 A	07-Jul-11	07-Jul-11		Prepare Piling Platform for Accom. Underpass Extn																			
S28N250	Piling works	45	100%	0	01-Mar-11 A	25-Mar-11 A	07-Jul-11	07-Jul-11		Piling works																			

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										2010			2011			2012			2013			2014			2010			2011			2012			2013			2014		
										Q1	Q2	Q3	Q1	Q2	Q3	Q1	Q2	Q3	Q1	Q2	Q3	Q1	Q2	Q3	Q1	Q2	Q3	Q1	Q2	Q3	Q1	Q2	Q3	Q1	Q2	Q3			
S28N4030	Roadworks, Drainages & Utilities : 300d & 1200d watermain (chA9.00-cr	362	16.44%	303	06-Aug-10 A	01-Aug-12	06-Aug-10	26-Mar-13	194	Roadworks, Drainages & Utilities : 300d &																													
S28N4040	Cable Detection and Trial Pit Excavation	72	100%	0	06-Aug-10 A	19-Sep-10 A	21-Sep-12	21-Sep-12		Cable Detection and Trial Pit Excavation																													
S28N4050	Sheet Pile & ELS	72	100%	0	20-Sep-10 A	15-Feb-11 A	21-Sep-12	21-Sep-12		Sheet Pile & ELS																													
S28N4060	TBM Boring and Installation of Sleeve Pipe	60	100%	0	16-Feb-11 A	23-Mar-11 A	21-Sep-12	21-Sep-12		TBM Boring and Installation of Sleeve Pipe																													
S28N4070	Water Pipe installation - inside the sleeve pipe (ch0.00-ch76.00)	50	50%	25	24-Mar-11 A	28-Feb-12	21-Sep-12	24-Oct-12	194	Water Pipe installation - inside the sleeve pipe (ch0																													
S28N4080	Water Pipe installation (chA9.00-ch0.00 & ch76.00-ch81.00)	50	0%	50	29-Feb-12	02-May-12	24-Oct-12	21-Dec-12	194	Water Pipe installation (chA9.00-ch0.00 & ch76																													
S28N4090	Watermains/Firemain Pipelaying, DN1200/DN300/DN150 CH81-768.7	75	0%	75	09-May-11 A	01-Aug-12	21-Dec-12	26-Mar-13	194	Watermains/Firemain Pipelaying, DN1200																													
<b>Noise Barriers &amp; Road Barriers</b>																																							
S28N3000	Construct Noise Barrier & Beam Barrier	97	0%	97	04-Nov-11	02-Mar-12	08-Dec-12	09-Mar-13	302	Construct Noise Barrier & Beam Barrier																													
S28N3002	Noise Barrier: Foundation Works, NB40	24	0%	24	04-Nov-11	01-Dec-11	08-Dec-12	08-Jan-13	326	Noise Barrier: Foundation Works, NB40																													
S28N3010	Construct Noise Barrier(steel & panel), NB38, 39, 40, 41 & 43	24	0%	24	03-Jan-12	02-Feb-12	09-Jan-13	05-Feb-13	302	Construct Noise Barrier(steel & panel), NB38, 39, 40																													
S28N3020	Construct Beam Barrier	25	0%	25	03-Feb-12	02-Mar-12	06-Feb-13	09-Mar-13	302	Construct Beam Barrier																													
<b>Traffic Control &amp; Surveillance System</b>																																							
S28N4800	TCSS (ch4820-ch5640)	180	0%	180	17-Sep-12	30-Apr-13	24-Dec-12	06-Aug-13	80	TCSS (ch4820-ch5640)																													
S28N4810	TCSS - Stage 1 (ch4820-ch4980)	60	0%	60	17-Sep-12	29-Nov-12	24-Dec-12	09-Mar-13	80	TCSS - Stage 1 (ch4820-ch4980)																													
S28N4820	TCSS - Stage 2 (ch4980-ch5150)	60	0%	60	29-Nov-12	14-Feb-13	11-Mar-13	25-May-13	80	TCSS - Stage 2 (ch4980-ch5150)																													
S28N4830	TCSS - Stage 3 (ch5150-ch5310)	60	0%	60	14-Feb-13	30-Apr-13	27-May-13	06-Aug-13	80	TCSS - Stage 3 (ch5150-																													
S28N4840	TCSS - Stage 4 (ch5310-ch5520), G29	60	0%	60	03-Apr-12	18-Jun-12	11-Mar-13	25-May-13	276	TCSS - Stage 4 (ch5310-ch5520), G29																													
S28N4850	TCSS - Stage 5 (ch5520-ch5640)	60	0%	60	19-Jun-12	29-Aug-12	27-May-13	06-Aug-13	276	TCSS - Stage 5 (ch5520-ch5640)																													
<b>Landscaping</b>																																							
S28N6000	Landscaping Works	240	0%	240	17-Sep-12	13-Jul-13	13-Oct-12	06-Aug-13	20	Landscaping Works																													
S28N6010	Landscaping Works - Stage 1 (ch4820 - 5020)	60	0%	60	17-Sep-12	29-Nov-12	13-Oct-12	22-Dec-12	20	Landscaping Works - Stage 1 (ch4																													
S28N6020	Landscaping Works - Stage 2 (ch5020 - 5220)	60	0%	60	29-Nov-12	14-Feb-13	24-Dec-12	09-Mar-13	20	Landscaping Works - Stage 2																													
S28N6030	Landscaping Works - Stage 3 (ch5220 - 5420)	60	0%	60	14-Feb-13	30-Apr-13	11-Mar-13	25-May-13	20	Landscaping Works - Sta																													
S28N6040	Landscaping Works - Stage 4 (ch5420 - 5640)	60	0%	60	30-Apr-13	13-Jul-13	27-May-13	06-Aug-13	20	Landscaping Works -																													
<b>South Bound</b>																																							
<b>Preliminaries</b>																																							
S28S0000	Site Clearance/Access Rd	0	100%	0	23-Jun-10 A	01-Feb-11 A				Site Clearance/Access Rd																													
S28S0010	Site Clearance	75	100%	0	23-Jun-10 A	18-Sep-10 A	09-Sep-11	09-Sep-11		Site Clearance																													
S28S0020	Access Rd	75	100%	0	27-Jul-10 A	01-Feb-11 A	09-Sep-11	09-Sep-11		Access Rd																													
<b>Roadworks, Drainage &amp; Utilities</b>																																							
S28S4010	Roadworks, Drainages & Utilities	270	0%	270	17-Jan-12	12-Dec-12	06-Mar-12	30-Jan-13	39	Roadworks, Drainages & Utilities																													
S28S4012	Utilities - Stage 1 (ch5300 - 5700)	75	0%	75	17-Jan-12	20-Apr-12	06-Mar-12	07-Jun-12	39	Utilities - Stage 1 (ch5300 - 5700)																													
S28S4014	Drainages - Stage 1	75	0%	75	17-Feb-12	19-May-12	03-Apr-12	07-Jul-12	39	Drainages - Stage 1																													
S28S4016	Road Surface, Roadmark - Stage 1	75	0%	75	30-Mar-12	04-Jul-12	21-May-12	18-Aug-12	39	Road Surface, Roadmark - Stage 1																													
S28S4018	Utilities - Stage 2 (ch4800 - 5300)	75	0%	75	05-Jul-12	29-Sep-12	20-Aug-12	17-Nov-12	39	Utilities - Stage 2 (ch4800 - 5300)																													
S28S4020	Drainages - Stage 2	75	0%	75	02-Aug-12	31-Oct-12	17-Sep-12	15-Dec-12	39	Drainages - Stage 2																													
S28S4030	Road Surface, Roadmark and Lane Shifting - Stage 2	75	0%	75	13-Sep-12	12-Dec-12	01-Nov-12	30-Jan-13	39	Road Surface, Roadmark and La																													
<b>Noise Barriers 44 &amp; Road Barriers</b>																																							
S28S2000	Excavation for NB44	219	100%	0	25-Aug-10 A	24-May-11 A				Excavation for NB44																													
S28S2010	Excavation for NB44 (Bay1 & Bay2)	44	100%	0	25-Aug-10 A	18-Oct-10 A	09-Sep-11	09-Sep-11		Excavation for NB44 (Bay1 & Bay2)																													
S28S2020	Excavation for NB44 (Bay3 & Bay4)	44	100%	0	19-Oct-10 A	08-Dec-10 A	09-Sep-11	09-Sep-11		Excavation for NB44 (Bay3 & Bay4)																													
S28S2030	Excavation for NB44 (Bay5 & Bay6)	44	100%	0	26-Apr-11 A	26-May-11 A	09-Sep-11	09-Sep-11		Excavation for NB44 (Bay5 & Bay6)																													

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Stage 1 - Between Ma Wo and Tai Hang**

**Updated Works Program (July 2011)**

Updated to 26 July 2011  
(dated on 22 July 2011, received on 29 July 2011)

Activity ID	Activity Name	Original Duration	Activity % Complete	Remaining Duration	Start	Finish	Late Start	Late Finish	Total Float	2010												2011				2012				2013				2014			
										Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4				
S28S2040	Excavation for NB44 (Bay7 & Bay8)	36	0%	36	26-Jul-11	05-Sep-11	24-Sep-11	07-Nov-11	51	□ Excavation for NB44 (Bay7 & Bay8)																											
S28S2050	Excavation for NB44 (Bay9 & Bay10)	43	0%	43	06-Sep-11	28-Oct-11	14-Nov-11	05-Jan-12	56	□ Excavation for NB44 (Bay9 & Bay10)																											
S28S2060	Noise Barrier Footing Construction for NB44	282	48.94%	144	26-Mar-11 A	16-Jan-12	26-Mar-11	05-Mar-12	39	□ Noise Barrier Footing Construction for NB44																											
S28S2070	Noise Barrier Footing Construction for NB44 (Bay 1)	32	100%	0	26-Mar-11 A	15-Apr-11 A	09-Sep-11	09-Sep-11		□ Noise Barrier Footing Construction for NB44 (Bay 1)																											
S28S2080	Noise Barrier Footing Construction for NB44 (Bay 2)	32	100%	0	06-Apr-11 A	21-Apr-11 A	09-Sep-11	09-Sep-11		□ Noise Barrier Footing Construction for NB44 (Bay 2)																											
S28S2090	Noise Barrier Footing Construction for NB44 (Bay 3)	32	100%	0	26-May-11 A	04-Jun-11 A	09-Sep-11	09-Sep-11		□ Noise Barrier Footing Construction for NB44 (Bay 3)																											
S28S2100	Noise Barrier Footing Construction for NB44 (Bay 4)	30	100%	0	26-Apr-11 A	26-May-11 A	09-Sep-11	09-Sep-11		□ Noise Barrier Footing Construction for NB44 (Bay 4)																											
S28S2110	Noise Barrier Footing Construction for NB44 (Bay 5)	24	0%	24	26-Jul-11	22-Aug-11	09-Sep-11	10-Oct-11	39	□ Noise Barrier Footing Construction for NB44 (Bay 5)																											
S28S2120	Noise Barrier Footing Construction for NB44 (Bay 6)	24	0%	24	23-Aug-11	20-Sep-11	11-Oct-11	07-Nov-11	39	□ Noise Barrier Footing Construction for NB44 (Bay 6)																											
S28S2130	Noise Barrier Footing Construction for NB44 (Bay 7)	24	0%	24	21-Sep-11	20-Oct-11	08-Nov-11	05-Dec-11	39	□ Noise Barrier Footing Construction for NB44 (Bay 7)																											
S28S2140	Noise Barrier Footing Construction for NB44 (Bay 8)	24	0%	24	21-Oct-11	17-Nov-11	06-Dec-11	05-Jan-12	39	□ Noise Barrier Footing Construction for NB44 (Bay 8)																											
S28S2150	Noise Barrier Footing Construction for NB44 (Bay 9)	24	0%	24	18-Nov-11	15-Dec-11	06-Jan-12	06-Feb-12	39	□ Noise Barrier Footing Construction for NB44 (Bay 9)																											
S28S2160	Noise Barrier Footing Construction for NB44 (Bay 10)	24	0%	24	16-Dec-11	16-Jan-12	07-Feb-12	05-Mar-12	39	□ Noise Barrier Footing Construction for NB44 (Bay 10)																											
S28S3050	Construct Beam Barrier NB44: Erecting Short Column	72	0%	72	13-Dec-12	13-Mar-13	07-Feb-13	10-May-13	45	□ Construct Beam Barrier NB44																											
S28S3060	Construct Beam Barrier NB44: Installation of M-Panel	72	0%	72	14-Mar-13	13-Jun-13	11-May-13	06-Aug-13	45	□ Construct Beam Barrier NB44																											
<b>Traffic Control &amp; Surveillance System</b>																																					
S28S4800	TCSS	150	0%	150	13-Dec-12	20-Jun-13	31-Jan-13	06-Aug-13	39	□ TCSS																											
S28S4810	TCSS - Stage 1 (ch4820 - ch4980)	30	0%	30	13-Dec-12	19-Jan-13	31-Jan-13	09-Mar-13	39	□ TCSS - Stage 1 (ch4820 - ch4980)																											
S28S4820	TCSS - Stage 2 (ch4980 - ch5150)	30	0%	30	21-Jan-13	27-Feb-13	11-Mar-13	18-Apr-13	39	□ TCSS - Stage 2 (ch4980 - ch5150)																											
S28S4830	TCSS - Stage 3 (ch5150 - ch5310)	30	0%	30	28-Feb-13	08-Apr-13	19-Apr-13	25-May-13	39	□ TCSS - Stage 3 (ch5150 - ch5310)																											
S28S4840	TCSS - Stage 4 (ch5310 - ch5520)	30	0%	30	09-Apr-13	14-May-13	27-May-13	02-Jul-13	39	□ TCSS - Stage 4 (ch5310 - ch5520)																											
S28S4850	TCSS - Stage 5 (ch5520 - ch5640), G56	30	0%	30	15-May-13	20-Jun-13	03-Jul-13	06-Aug-13	39	□ TCSS - Stage 5 (ch5520 - ch5640), G56																											
<b>Modification of Existing Bridge</b>																																					
S28S1200	Modification of Lam Kam Rd. Flyover	53	0%	53	14-May-13	18-Jul-13	25-Apr-13	29-Jun-13	-15	□ Modification of Lam Kam Rd. Flyover																											
S28S1210	Removing Central Barrier	28	0%	28	14-May-13	18-Jun-13	25-Apr-13	30-May-13	-15	□ Removing Central Barrier																											
S28S1230	Raising Carriage Level and Installation of parapet	25	0%	25	18-Jun-13	18-Jul-13	30-May-13	29-Jun-13	-15	□ Raising Carriage Level and Installation of parapet																											
<b>Road Resurfacing &amp; Line Marking</b>																																					
S28S4900	Resurfacing/Line Marking S/B SA28/SA26A(part)	144	0%	144	13-Dec-12	13-Jun-13	07-Feb-13	06-Aug-13	45	□ Resurfacing/Line Marking S/B SA28/SA26A(part)																											
S28S4910	Resurfacing S/B SA28	36	0%	36	13-Dec-12	26-Jan-13	07-Feb-13	23-Mar-13	45	□ Resurfacing S/B SA28																											
S28S4920	Resurfacing S/B SA26A(part)	36	0%	36	28-Jan-13	13-Mar-13	25-Mar-13	10-May-13	45	□ Resurfacing S/B SA26A(part)																											
S28S4930	Line Marking S/B SA28	36	0%	36	14-Mar-13	29-Apr-13	11-May-13	24-Jun-13	45	□ Line Marking S/B SA28																											
S28S4940	Line Marking S/B SA26A(part)	36	0%	36	30-Apr-13	13-Jun-13	25-Jun-13	06-Aug-13	45	□ Line Marking S/B SA26A(part)																											
<b>Site Area SA29</b>																																					
PHSA2920	Possession of SA29 (Day270)	0	100%	0	27-Jul-10 A					◇ Possession of SA29 (Day270)																											
SA290000	Site Area SA29 Works Period	946	26%	700	27-Jul-10 A	25-Jun-13	27-Jul-10	25-Jun-13	0	□ Site Area SA29 Works Period																											
SA290010	Site Area SA29 Works Completion	0	0%	0		25-Jun-13*		25-Jun-13	0	◇ Site Area SA29 Works Completion																											
SA290020	Temporary Traffic Arrangement (Detail shall refer to supplementary information)	764	25.79%	567	27-Jul-10 A	25-Jun-13	27-Jul-10	25-Jun-13	0	□ Temporary Traffic Arrangement																											
SA290030	Overall Utilities Diversion (Detail shall refer to supplementary information)	764	25.79%	567	27-Jul-10 A	25-Jun-13	27-Jul-10	25-Jun-13	0	□ Overall Utilities Diversion																											
<b>North Bound</b>																																					
<b>Preliminaries</b>																																					
S29N0000	Site Clearance/Access Rd	60	100%	0	26-Jan-11 A	09-Apr-11 A	23-Jul-11	23-Jul-11		□ Site Clearance/Access Rd																											
<b>Roadworks, Drainage &amp; Utilities</b>																																					
S29N4020	Realignment of Tai Wo Service Rd. West (8 sections)	387	0%	387	22-Feb-12	15-Jun-13	21-Feb-12	13-Jun-13	-1	□ Realignment of Tai Wo Service Rd. West (8 sections)																											

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										2010				2011				2012				2013				2014			
										Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
S29N4021	Realignment of Tai Wo Service Rd. West - Section 1 (ch5340-5370)	50	0%	50	22-Feb-12	25-Apr-12	21-Feb-12	23-Apr-12	-1	■ Realignment of Tai Wo Service Rd. West - Sect																			
S29N4022	Realignment of Tai Wo Service Rd. West - Section 2 (ch5370-5400)	49	0%	49	25-Apr-12	25-Jun-12	24-Apr-12	21-Jun-12	-1	■ Realignment of Tai Wo Service Rd. West - S																			
S29N4023	Realignment of Tai Wo Service Rd. West - Section 3 (ch5400-5430)	48	0%	48	25-Jun-12	21-Aug-12	22-Jun-12	18-Aug-12	-1	■ Realignment of Tai Wo Service Rd. Wes																			
S29N4024	Realignment of Tai Wo Service Rd. West - Section 4 (ch5430-5460)	48	0%	48	21-Aug-12	18-Oct-12	20-Aug-12	16-Oct-12	-1	■ Realignment of Tai Wo Service Rd. V																			
S29N4025	Realignment of Tai Wo Service Rd. West - Section 5 (ch5460-5490)	48	0%	48	18-Oct-12	14-Dec-12	17-Oct-12	12-Dec-12	-1	■ Realignment of Tai Wo Service R																			
S29N4028	Realignment of Tai Wo Service Rd. West - Section 6 (ch5490-5520)	48	0%	48	14-Dec-12	15-Feb-13	13-Dec-12	09-Feb-13	-1	■ Realignment of Tai Wo Servic																			
S29N4029	Realignment of Tai Wo Service Rd. West - Section 7 (ch5520-5550)	48	0%	48	15-Feb-13	17-Apr-13	14-Feb-13	15-Apr-13	-1	■ Realignment of Tai Wo Se																			
S29N4030	Realignment of Tai Wo Service Rd. West - Section 8 (ch5550-5580)	48	0%	48	17-Apr-13	15-Jun-13	16-Apr-13	13-Jun-13	-1	■ Realignment of Tai Wo																			
S29N4100	Gravity Sewer Line (4 sections)	120	0%	172	11-Mar-11 A	22-Feb-12	11-Mar-11	20-Feb-12	-1	■ Gravity Sewer Line (4 sections)																			
S29N4101	Gravity Sewer Line - Section 1 (ch5340 - 5400)	30	50%	15	11-Mar-11 A	26-Oct-11	07-Oct-11	24-Oct-11	-1	■ Gravity Sewer Line - Section 1 (ch5340 - 5400)																			
S29N4102	Gravity Sewer Line - Section 2 (ch5400 - 5460)	36	0%	36	26-Oct-11	07-Dec-11	25-Oct-11	05-Dec-11	-1	■ Gravity Sewer Line - Section 2 (ch5400 - 5460)																			
S29N4103	Gravity Sewer Line - Section 3 (ch5460 - 5520)	30	0%	30	07-Dec-11	14-Jan-12	06-Dec-11	12-Jan-12	-1	■ Gravity Sewer Line - Section 3 (ch5460 - 5520)																			
S29N4110	Gravity Sewer Line - Section 4 (ch5520 - 5580)	30	0%	30	14-Jan-12	22-Feb-12	13-Jan-12	20-Feb-12	-1	■ Gravity Sewer Line - Section 4 (ch5520 - 5580)																			
<b>Noise Barriers &amp; Road Barriers</b>																													
<b>Noise Barrier NB42 on Mini-Piles (AD)</b>																													
S29N2000	WSD/DSD/HKCG/PCCW/HGC/CATV/NWT/HKBN/TGT/CLP Diversion	72	15%	61	11-Apr-11 A	08-Oct-11	23-Jul-11	06-Oct-11	-1	■ WSD/DSD/HKCG/PCCW/HGC/CATV/NWT/HKBN/TGT/C																			
S29N2010	Piling for NB42	48	0%	48	10-Aug-11	08-Oct-11	02-Nov-11	30-Dec-11	69	■ Piling for NB42																			
S29N2020	Footing for NB42 (Bay1 - Bay9)	110	100%	0	06-Dec-10 A	05-Jul-11 A				■ Footing for NB42 (Bay1 - Bay9)																			
S29N2030	Footing for NB42 (Bay1 - Bay5)	60	100%	0	06-Dec-10 A	05-Jul-11 A	30-Nov-11	30-Nov-11		■ Footing for NB42 (Bay1 - Bay5)																			
S29N2040	Footing for NB42 (Bay6 - Bay9)	50	100%	0	06-Dec-10 A	05-Jul-11 A	30-Nov-11	30-Nov-11		■ Footing for NB42 (Bay6 - Bay9)																			
S29N3000	Construct Noise Barrier & Beam Barrier	60	0%	60	08-Oct-11	17-Dec-11	30-Nov-11	15-Feb-12	45	■ Construct Noise Barrier & Beam Barrier																			
<b>Landscaping</b>																													
S29N6000	Landscaping Works	45	0%	45	15-Jun-13	08-Aug-13	14-Jun-13	06-Aug-13	-1	■ Landscaping Works																			
<b>Site Area SA32</b>																													
PHSA3210	Possession of SA32 (Day365)	0	100%	0	25-Feb-11 A					◇ Possession of SA32 (Day365)																			
SA320000	Site Area SA32 Works Period	265	33.96%	175	25-Feb-11 A	16-Jan-12	25-Feb-11	17-Jan-13	367	■ Site Area SA32 Works Period																			
SA320010	Site Area SA32 Works Completion	0	0%	0		25-Jun-13*		25-Jun-13	0	◇ Site Area SA32 Works																			
<b>General</b>																													
S32G0000	Site Clearance/TTM	72	100%	0	26-Mar-11 A	25-Jun-11 A	11-Nov-11	11-Nov-11		■ Site Clearance/TTM																			
S32G4010	Construct Roadside Fully Variable Message Sign - Stage 1 (2 nos)	72	0%	72	26-Jul-11	20-Oct-11	26-Jul-12	20-Oct-12	298	■ Construct Roadside Fully Variable Message Sign - Stage 1																			
S32G4020	Construct Roadside Fully Variable Message Sign - Stage 2 (2 nos)	72	0%	72	21-Oct-11	16-Jan-12	20-Oct-12	17-Jan-13	298	■ Construct Roadside Fully Variable Message Sign - Sta																			
S32G4030	600mm dia Live Gas Main Diversion, HKCG	72	0%	72	26-Jul-11	20-Oct-11	11-Nov-11	10-Feb-12	90	■ 600mm dia Live Gas Main Diversion, HKCG																			
S32G4040	18 nos. cables diversion, PCCW	36	0%	36	26-Jul-11	05-Sep-11	24-Aug-12	08-Oct-12	323	■ 18 nos. cables diversion, PCCW																			
S32G4050	132 KV Diversion, CLP	11	0%	11	06-Sep-11	19-Sep-11	08-Oct-12	20-Oct-12	323	■ 132 KV Diversion, CLP																			
<b>Construction of New Lam Kam Road</b>																													
<b>Substructure and Pier Construction</b>																													
<b>South Ramp</b>																													
S28N1213	Temporary Work for Excavation	30	0%	30	20-Feb-12	26-Mar-12	27-Feb-12	02-Apr-12	6	■ Temporary Work for Excavation																			
S28N1214	Excavation	21	0%	21	26-Mar-12	24-Apr-12	02-Apr-12	02-May-12	6	■ Excavation																			
S28N1215	Construction of South Ramp	124	0%	124	24-Apr-12	20-Sep-12	24-Aug-12	23-Jan-13	101	■ Construction of South Ramp																			
S28N1216	Base Slab	52	0%	52	24-Apr-12	27-Jun-12	24-Aug-12	27-Oct-12	101	■ Base Slab																			
S28N1217	Wing Wall	72	0%	72	27-Jun-12	20-Sep-12	27-Oct-12	23-Jan-13	101	■ Wing Wall																			

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										Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
<b>South Abutment</b>																				
S28N1220	Gas Main Diversion	24	0%	24	21-Oct-11	17-Nov-11	24-Mar-12	26-Apr-12	127											
S28N1230	Piling Work (24shp)	46	0%	46	27-Mar-12	25-May-12	26-Apr-12	21-Jun-12	22											
S28N1240	Cap and Abutment	56	0%	56	25-May-12	02-Aug-12	21-Jun-12	28-Aug-12	22											
S28N1250	Pile Cap	30	0%	30	25-May-12	03-Jul-12	21-Jun-12	28-Jul-12	22											
S28N1260	Abutment	26	0%	26	03-Jul-12	02-Aug-12	28-Jul-12	28-Aug-12	22											
<b>Pier NLKP1</b>																				
S28N1200	Gas Main Diversion	24	0%	24	21-Oct-11	17-Nov-11	10-Feb-12	09-Mar-12	90											
S28N1232	Piling	47	0%	47	27-Mar-12	26-May-12	09-Mar-12	09-May-12	-15											
S28N1234	Cap and Pier	56	0%	56	26-May-12	03-Aug-12	09-May-12	17-Jul-12	-15											
S28N1236	Pile Cap	30	0%	30	26-May-12	04-Jul-12	09-May-12	14-Jun-12	-15											
S28N1238	Pier	26	0%	26	04-Jul-12	03-Aug-12	14-Jun-12	17-Jul-12	-15											
<b>Pier NLKP2</b>																				
S28N1254	Piling Work (28shp)	57	100%	0	20-Sep-10 A	11-Nov-10 A	02-Jun-12	02-Jun-12												
S28N1259	Pile Cap Construction	46	100%	0	06-Dec-10 A	10-Feb-11 A	02-Jun-12	02-Jun-12												
S28N1261	Pier Construction	36	100%	0	11-Feb-11 A	18-Jul-11 A	02-Jun-12	02-Jun-12												
<b>Pier NLKP3</b>																				
S28N1271	Pre-drilling for Piles	11	100%	0	11-Sep-10 A	24-Sep-10 A	19-Apr-12	19-Apr-12												
S28N1272	Confirmation of Founding Level	21	100%	0	12-Sep-10 A	15-Oct-10 A	19-Apr-12	19-Apr-12												
S28N1273	Piling Work (24shp)	68	100%	0	20-Sep-10 A	16-Nov-10 A	19-Apr-12	19-Apr-12												
S28N1274	Temporary Shoring System	31	100%	0	17-Nov-10 A	03-Dec-10 A	19-Apr-12	19-Apr-12												
S28N1275	Excavation to Formation Level	10	100%	0	06-Dec-10 A	18-Dec-10 A	19-Apr-12	19-Apr-12												
S28N1276	Pile Head Trimming and bearing plate	11	100%	0	20-Dec-10 A	24-Dec-10 A	19-Apr-12	19-Apr-12												
S28N1277	Pile Cap Construction	24	100%	0	20-Dec-10 A	05-Jan-11 A	19-Apr-12	19-Apr-12												
S28N1278	Backfilling	30	100%	0	26-Feb-11 A	01-Apr-11 A	19-Apr-12	19-Apr-12												
S28N1279	Pier Construction	61	100%	0	02-Apr-11 A	11-Jun-11 A	19-Apr-12	19-Apr-12												
<b>Pier NLKP4</b>																				
S28N1281	Gas main Diversion	120	100%	0	13-May-10 A	31-Jul-10 A	31-Mar-12	31-Mar-12												
S28N1282	Pre-drilling for Piles	9	100%	0	01-Aug-10 A	14-Aug-10 A	31-Mar-12	31-Mar-12												
S28N1283	Confirmation of Founding Level	22	100%	0	16-Aug-10 A	31-Aug-10 A	31-Mar-12	31-Mar-12												
S28N1284	Piling Work (16shp)	63	100%	0	01-Sep-10 A	30-Sep-10 A	31-Mar-12	31-Mar-12												
S28N1285	Temporary Shoring System	44	100%	0	20-Oct-10 A	23-Oct-10 A	31-Mar-12	31-Mar-12												
S28N1286	Excavation to Formation Level	7	100%	0	25-Oct-10 A	28-Oct-10 A	31-Mar-12	31-Mar-12												
S28N1287	Pile Head Trimming and bearing plate	14	100%	0	29-Oct-10 A	06-Nov-10 A	31-Mar-12	31-Mar-12												
S28N1288	Pile Cap Construction	21	100%	0	08-Nov-10 A	19-Nov-10 A	31-Mar-12	31-Mar-12												
S28N1289	Backfilling	30	100%	0	20-Dec-10 A	11-Jan-11 A	31-Mar-12	31-Mar-12												
S28N1290	Pier Construction	71	100%	0	02-Feb-11 A	26-Mar-11 A	31-Mar-12	31-Mar-12												
<b>Pier NLKP5</b>																				
S28N1301	Gas main Diversion	120	100%	0	13-May-10 A	31-Aug-10 A	31-Mar-12	31-Mar-12												
S28N1302	Pre-drilling for Piles	7	100%	0	01-Sep-10 A	11-Sep-10 A	31-Mar-12	31-Mar-12												
S28N1303	Confirmation of Founding Level	14	100%	0	13-Sep-10 A	25-Sep-10 A	31-Mar-12	31-Mar-12												
S28N1304	Piling Work (16shp)	62	100%	0	26-Sep-10 A	19-Oct-10 A	31-Mar-12	31-Mar-12												
S28N1305	Temporary Shoring System	44	100%	0	20-Oct-10 A	05-Nov-10 A	31-Mar-12	31-Mar-12												

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

**Updated Works Program (July 2011)**

Updated to 26 July 2011  
(dated on 22 July 2011, received on 29 July 2011)



Activity ID	Activity Name	Original Duration	Activity % Complete	Remaining Duration	Start	Finish	Late Start	Late Finish	Total Float	Gantt Chart																			
										2010				2011				2012				2013				2014			
										Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
S28N1383	Pre-drilling for Piles	14	100%	0	04-Sep-10 A	20-Sep-10 A	26-Sep-11	26-Sep-11																					
S28N1384	Confirmation of Founding Level	14	100%	0	21-Sep-10 A	08-Oct-10 A	26-Sep-11	26-Sep-11																					
S28N1385	Piling Work (24shp)	75	0%	75	19-Sep-11	16-Dec-11	26-Sep-11	24-Dec-11	6																				
S28N1386	Temporary Shoring System	44	0%	44	17-Dec-11	13-Feb-12	10-Mar-12	07-May-12	66																				
S28N1387	Excavation to Formation Level	7	0%	7	14-Feb-12	21-Feb-12	07-May-12	15-May-12	66																				
S28N1388	Pile Head Trimming and bearing plate	14	0%	14	22-Feb-12	08-Mar-12	15-May-12	01-Jun-12	66																				
S28N1389	Pile Cap Construction	36	0%	36	09-Mar-12	24-Apr-12	01-Jun-12	16-Jul-12	66																				
S28N1390	Backfilling	25	0%	25	25-Apr-12	24-May-12	16-Jul-12	14-Aug-12	66																				
S28N1391	Pier Construction	75	0%	75	25-May-12	23-Aug-12	14-Aug-12	13-Nov-12	66																				
<b>Pier NLKP10</b>																													
S28N1401	132 kv Cable Diversion	75	0%	75	17-Dec-11	20-Mar-12	24-Dec-11	28-Mar-12	6																				
S28N1402	Existing Water main Diversion	39	0%	39	21-Mar-12	10-May-12	28-Mar-12	18-May-12	6																				
S28N1405	Piling Work (17shp)	60	0%	60	11-May-12	23-Jul-12	18-May-12	31-Jul-12	6																				
S28N1409	Pile Cap construction	42	0%	42	24-Jul-12	10-Sep-12	31-Jul-12	18-Sep-12	6																				
S28N1411	Pier Construction	75	0%	75	11-Sep-12	10-Dec-12	18-Sep-12	18-Dec-12	6																				
<b>North Abutment NKL</b>																													
S28N1422	Existing Water Main Utilities Diversion	52	0%	52	03-Jan-12	06-Mar-12	28-Apr-12	03-Jul-12	93																				
S28N1425	Piling Work (24shp)	75	0%	75	03-Apr-12	07-Jul-12	03-Jul-12	28-Sep-12	70																				
S28N1429	Pile Cap Construction	50	0%	50	09-Jul-12	04-Sep-12	28-Sep-12	29-Nov-12	70																				
S28N1430	Abutment	52	0%	52	05-Sep-12	07-Nov-12	29-Nov-12	01-Feb-13	70																				
<b>North Ramp</b>																													
S28N1435	Construction of North Ramp	171	0%	171	03-Apr-12	31-Oct-12	28-Aug-12	26-Mar-13	118																				
S28N1436	Temporary Work for Excavation	24	0%	24	03-Apr-12	05-May-12	28-Aug-12	25-Sep-12	118																				
S28N1437	Excavation	24	0%	24	07-May-12	04-Jun-12	25-Sep-12	26-Oct-12	118																				
S28N1438	Base Slab	52	0%	52	05-Jun-12	06-Aug-12	26-Oct-12	28-Dec-12	118																				
S28N1439	Wing Wall	71	0%	71	07-Aug-12	31-Oct-12	28-Dec-12	26-Mar-13	118																				
<b>Decking and Finishing</b>																													
S28N1440	Decking (Bearing, Drainage & MJ included)	559	13.42%	484	27-Jun-11 A	11-Mar-13	27-Jun-11	19-Mar-13	6																				
S28N1450	NLKP4 to NLKP5	36	66.67%	12	27-Jun-11 A	08-Aug-11	31-Mar-12	19-Apr-12	205																				
S28N1460	NLKP3 to NLKP4	36	0%	36	09-Aug-11	20-Sep-11	19-Apr-12	02-Jun-12	205																				
S28N1470	NLKP2 to NLKP3	36	0%	36	21-Sep-11	03-Nov-11	02-Jun-12	17-Jul-12	205																				
S28N1480	NLKP1 to NLKP2	36	0%	36	03-Aug-12	14-Sep-12	17-Jul-12	28-Aug-12	-15																				
S28N1490	South Abutment to NLKP1	36	0%	36	14-Sep-12	30-Oct-12	28-Aug-12	11-Oct-12	-15																				
S28N1500	NLKP5 to NLKP6	36	0%	36	12-Dec-11	30-Jan-12	23-Jul-12	03-Sep-12	178																				
S28N1510	NLKP6 to NLKP7	36	0%	36	19-Jan-12	05-Mar-12	27-Aug-12	10-Oct-12	178																				
S28N1520	NLKP7 to NLKP8	36	0%	36	28-Feb-12	14-Apr-12	08-Oct-12	20-Nov-12	181																				
S28N1530	NLKP8 to NLKP9	36	0%	36	07-Sep-12	20-Oct-12	13-Nov-12	27-Dec-12	54																				
S28N1540	NLKP9 to NLKP10	36	0%	36	11-Dec-12	24-Jan-13	18-Dec-12	01-Feb-13	6																				
S28N1550	NLKP10 to North Abutment	36	0%	36	25-Jan-13	11-Mar-13	01-Feb-13	19-Mar-13	6																				
S28N1560	Parapet	141	0%	141	30-Oct-12	24-Apr-13	11-Oct-12	06-Apr-13	-15																				
S28N1570	Parapet (SA to P1)	15	0%	15	30-Oct-12	16-Nov-12	11-Oct-12	30-Oct-12	-15																				
S28N1580	Parapet (P1 to P2)	15	0%	15	16-Nov-12	04-Dec-12	30-Oct-12	16-Nov-12	-15																				
S28N1590	Parapet (P2 to P3)	15	0%	15	04-Dec-12	21-Dec-12	16-Nov-12	04-Dec-12	-15																				

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**Widening of Tolo Highway/ Fanling Highway**  
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										Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
S28N1600	Parapet (P3 to P4)	12	0%	12	21-Dec-12	08-Jan-13	04-Dec-12	18-Dec-12	-15																			■ Parapet (P3 to P4)	
S28N1610	Parapet (P4 to P5)	12	0%	12	08-Jan-13	22-Jan-13	18-Dec-12	04-Jan-13	-15																			■ Parapet (P4 to P5)	
S28N1620	Parapet (P5 to P6)	12	0%	12	22-Jan-13	05-Feb-13	04-Jan-13	18-Jan-13	-15																			■ Parapet (P5 to P6)	
S28N1630	Parapet (P6 to P7)	12	0%	12	05-Feb-13	22-Feb-13	18-Jan-13	01-Feb-13	-15																			■ Parapet (P6 to P7)	
S28N1640	Parapet (P7 to P8)	12	0%	12	22-Feb-13	08-Mar-13	01-Feb-13	19-Feb-13	-15																			■ Parapet (P7 to P8)	
S28N1650	Parapet (P8 to P9)	12	0%	12	08-Mar-13	22-Mar-13	19-Feb-13	05-Mar-13	-15																			■ Parapet (P8 to P9)	
S28N1660	Parapet (P9 to P10)	12	0%	12	22-Mar-13	10-Apr-13	05-Mar-13	19-Mar-13	-15																			■ Parapet (P9 to P10)	
S28N1670	Parapet (P10 to NA)	12	0%	12	10-Apr-13	24-Apr-13	19-Mar-13	06-Apr-13	-15																			■ Parapet (P10 to NA)	
S28N1680	Noise Barriers, Surfacing and Road Lighting	44	0%	44	14-Mar-13	10-May-13	25-Feb-13	22-Apr-13	-15																			■ Noise Barriers, Surfacing and Road Lighting	
S28N1690	Inspection Handover of NLK Bridge	3	0%	3	10-May-13	14-May-13	22-Apr-13	25-Apr-13	-15																			■ Inspection Handover of NLK Bridge	
<b>Section 5</b>																													
<b>Site Area SA31</b>																													
PHSA3120	Possession of SA31 (Day0)	0	100%	0	26-Feb-10 A																								◇ Possession of SA31 (Day0)
SA310000	Site Area SA31 Works Period	884	58.26%	369	26-Feb-10 A	28-Jul-12	26-Feb-10	28-Jul-12	0																			■ Site Area SA31 Works Period	
SA310010	Site Area SA31 Works Completion	0	0%	0		28-Jul-12*		28-Jul-12	0																			◇ Site Area SA31 Works Completion	
<b>South Bound</b>																													
<b>Preliminaries</b>																													
S31S0000	Site Clearance/TTM/Access Rd/Utility Diversion (Incl. Liason and Coordir	252	100%	0	26-Feb-10 A	31-Dec-10 A	26-Jul-11	26-Jul-11																				■ Site Clearance/TTM/Access Rd/Utility Diversion (Incl. Liason and Coordir	
<b>Roadworks, Drainage &amp; Utilities</b>																													
S31S4020	Realignment of Roads	150	30%	105	26-Feb-11 A	28-Nov-11	26-Feb-11	28-Nov-11	0																			■ Realignment of Roads	
S31S4030	Realignment of Bicycle Track	75	60%	30	26-Feb-11 A	29-Aug-11	26-Jul-11	29-Aug-11	0																			■ Realignment of Bicycle Track	
S31S4040	Slip Road W	75	0%	75	30-Aug-11	28-Nov-11	30-Aug-11	28-Nov-11	0																			■ Slip Road W	
S31S4050	Realignment of Hong Lok Yuen Road	75	0%	75	29-Nov-11	01-Mar-12	29-Nov-11	01-Mar-12	0																			■ Realignment of Hong Lok Yuen Road	
<b>Landscaping</b>																													
S31S6000	Landscaping Works	120	0%	120	02-Mar-12	28-Jul-12	02-Mar-12	28-Jul-12	0																			■ Landscaping Works	
S31S6020	Landscaping Works (bicycle track)	60	0%	60	02-Mar-12	16-May-12	02-Mar-12	16-May-12	0																			■ Landscaping Works (bicycle track)	
S31S6040	Landscaping Works (Hong Lok Yuen Road)	60	0%	60	17-May-12	28-Jul-12	17-May-12	28-Jul-12	0																			■ Landscaping Works (Hong Lok Yuen Road)	
<b>Section 7</b>																													
<b>Site Area SA41</b>																													
PHSA4110	Possession of SA41 (Day0)	0	100%	0	26-Feb-10 A																								◇ Possession of SA41 (Day0)
SA410000	Site Area SA41 Works Period	1581	32.57%	1066	26-Feb-10 A	25-Jun-14	26-Feb-10	25-Jun-14	0																			■ Site Area SA41 Works Period	
SA410010	Site Area SA41 Works Completion	0	0%	0		25-Jun-14*		25-Jun-14	0																			◇ Site Area SA41 Works Completion	
<b>Temporary Site Office</b>																													
S41G0000	Site Clearance / TTM	60	100%	0	26-Feb-10 A	12-May-10 A	26-Jul-11	26-Jul-11																				■ Site Clearance / TTM	
S41G9000	Construction of ER & Contractor's Office	60	100%	0	26-Feb-10 A	12-May-10 A	26-Jul-11	26-Jul-11																				■ Construction of ER & Contractor's Office	
S41G9100	Temp Warehouse, Fabrication & Equip Yard	1419	30.94%	980	13-May-10 A	31-Mar-14	26-Jul-11	31-Mar-14	0																			■ Temp Warehouse, Fabrication & Equip Yard	
S41G9120	Dismantle of ER & Contractor's Office	68	0%	68	01-Apr-14	25-Jun-14	01-Apr-14	25-Jun-14	0																			■ Dismantle of ER & Contractor's Office	
<b>Site Area SA42 (Core Storage &amp; Works Area)</b>																													
PHSA4210	Possession of SA42 (Day0)	0	100%	0	26-Feb-10 A																								◇ Possession of SA42 (Day0)
SA410040	Site Area SA42 Works Period	1581	32.57%	1066	26-Feb-10 A	25-Jun-14	26-Feb-10	25-Jun-14	0																			■ Site Area SA42 Works Period	
SA420010	Site Area SA42 Works Completion	0	0%	0		25-Jun-14*		25-Jun-14	0																			◇ Site Area SA42 Works Completion	

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										Q1				Q2				Q3				Q4				Q1				Q2				Q3				Q4				Q1				Q2				Q3				Q4			
										1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4												
<b>Site Area SA43</b>																																																									
PHSA4310	Possession of SA43 (Day90)	0	100%	0	04-May-10 A						◆ Possession of SA43 (Day90)																																														
SA410020	Site Area SA43 Works Period	1492	28.55%	1066	04-May-10 A	25-Jun-14	04-May-10	25-Jun-14	0																																																
SA410030	Site Area SA43 Works Completion	0	0%	0		25-Jun-14*		25-Jun-14	0	◆																																															
<b>Mulching Production Area</b>																																																									
S41G010	Site Clearance	59	100%	0	27-May-10 A	05-Aug-10 A																																																			
S41G020	Site Clearance (Mulching Office Area)	45	100%	0	27-May-10 A	20-Jul-10 A	24-Aug-11	24-Aug-11																																																	
S41G030	Site Clearance (Wood Storage Area)	45	100%	0	12-Jun-10 A	05-Aug-10 A	24-Aug-11	24-Aug-11																																																	
S41G040	Construction of Mulching Production Yard	60	100%	0	06-Aug-10 A	18-Oct-10 A	24-Aug-11	24-Aug-11																																																	
S41G050	Temp Warehouse, Fabrication & Equip Yard (Site allcated for period till 8	1260	24.52%	951	13-Sep-10 A	02-Mar-14	13-Sep-10	31-Mar-14	29																																																
S41G060	Mulching Production Phase 1 (45m3)	63	100%	0	13-Sep-10 A	09-Oct-10 A	24-Aug-11	24-Aug-11																																																	
S41G070	Mulching Production Phase 2 (45m3)	63	100%	0	21-Dec-10 A	21-Feb-11 A	24-Aug-11	24-Aug-11																																																	
S41G080	Mulching Production Phase 3 (45m3)	63	100%	0	20-Feb-11 A	24-Apr-11 A	24-Aug-11	24-Aug-11																																																	
S41G090	Mulching Production Phase 4 (45m3)	63	100%	0	24-Apr-11 A	26-Jun-11 A	24-Aug-11	24-Aug-11																																																	
S41G100	Mulching Production Phase 5 (45m3)	63	46.03%	34	27-Jun-11 A	28-Aug-11	24-Aug-11	26-Sep-11	29																																																
S41G110	Mulching Production Phase 6 (45m3)	63	0%	63	29-Aug-11	30-Oct-11	27-Sep-11	28-Nov-11	29																																																
S41G120	Mulching Production Phase 7 (45m3)	63	0%	63	31-Oct-11	01-Jan-12	29-Nov-11	30-Jan-12	29																																																
S41G130	Mulching Production Phase 8 (45m3)	63	0%	63	02-Jan-12	04-Mar-12	31-Jan-12	02-Apr-12	29																																																
S41G140	Mulching Production Phase 9 (45m3)	63	0%	63	05-Mar-12	06-May-12	03-Apr-12	04-Jun-12	29																																																
S41G150	Mulching Production Phase 10 (45m3)	63	0%	63	07-May-12	08-Jul-12	05-Jun-12	06-Aug-12	29																																																
S41G160	Mulching Production Phase 11 (45m3)	62	0%	62	09-Jul-12	08-Sep-12	07-Aug-12	07-Oct-12	29																																																
S41G170	Mulching Production Phase 12 (45m3)	60	0%	60	09-Sep-12	07-Nov-12	08-Oct-12	06-Dec-12	29																																																
S41G180	Mulching Production Phase 13 (45m3)	60	0%	60	08-Nov-12	06-Jan-13	07-Dec-12	04-Feb-13	29																																																
S41G190	Mulching Production Phase 14 (45m3)	60	0%	60	07-Jan-13	07-Mar-13	05-Feb-13	05-Apr-13	29																																																
S41G200	Mulching Production Phase 15 (45m3)	60	0%	60	08-Mar-13	06-May-13	06-Apr-13	04-Jun-13	29																																																
S41G210	Mulching Production Phase 16 (45m3)	60	0%	60	07-May-13	05-Jul-13	05-Jun-13	03-Aug-13	29																																																
S41G220	Mulching Production Phase 17 (45m3)	60	0%	60	06-Jul-13	03-Sep-13	04-Aug-13	02-Oct-13	29																																																
S41G230	Mulching Production Phase 18 (45m3)	60	0%	60	04-Sep-13	02-Nov-13	03-Oct-13	01-Dec-13	29																																																
S41G240	Mulching Production Phase 19 (45m3)	60	0%	60	03-Nov-13	01-Jan-14	02-Dec-13	30-Jan-14	29																																																
S41G250	Mulching Production Phase 20 (45m3)	60	0%	60	02-Jan-14	02-Mar-14	31-Jan-14	31-Mar-14	29																																																
S41G260	Dismantle of Mulching Production Yard	68	0%	68	03-Mar-14	26-May-14	01-Apr-14	25-Jun-14	25																																																
S41G270	Dismantle of Mulching Production Yard : Removing Mulching Office	48	0%	48	03-Mar-14	30-Apr-14	01-Apr-14	31-May-14	25																																																
S41G280	Dismantle of Mulching Production Yard : Removing Security Fence and	20	0%	20	02-May-14	26-May-14	03-Jun-14	25-Jun-14	25																																																
<b>Section 8</b>																																																									
<b>Establishment Works</b>																																																									
S21G8000	SA21 Establishment Works	365	0%	365	26-Jun-13	25-Jun-14	26-Jun-13	25-Jun-14	0																																																
<b>Section 9</b>																																																									
<b>Establishment Works</b>																																																									
S22G8000	SA22 Establishment Works	365	0%	365	26-Jun-13	25-Jun-14	26-Jun-13	25-Jun-14	0																																																
S23G8000	SA23 Establishment Works	365	0%	365	26-Jun-13	25-Jun-14	26-Jun-13	25-Jun-14	0																																																
S24G8000	SA24 Establishment Works	365	0%	365	26-Jun-13	25-Jun-14	26-Jun-13	25-Jun-14	0																																																
S25G8000	SA25 Establishment Works	365	0%	365	26-Jun-13	25-Jun-14	26-Jun-13	25-Jun-14	0																																																

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										2010				2011				2012				2013				2014									
										Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2								
S26G8000	SA26 Establishment Works	365	0%	365	26-Jun-13	25-Jun-14	26-Jun-13	25-Jun-14	0																										
<b>Section 10</b>																																			
<b>Establishment Works</b>																																			
S26AG800	SA26A Establishment Works	365	0%	365	26-Jun-13	25-Jun-14	26-Jun-13	25-Jun-14	0																										
S27G8000	SA27 Establishment Works	365	0%	365	26-Jun-13	25-Jun-14	26-Jun-13	25-Jun-14	0																										
<b>Section 11</b>																																			
<b>Establishment Works</b>																																			
S28G8000	SA28 Establishment Works	365	0%	365	26-Jun-13	25-Jun-14	26-Jun-13	25-Jun-14	0																										
S29G8000	SA29 Establishment Works	365	0%	365	26-Jun-13	25-Jun-14	26-Jun-13	25-Jun-14	0																										
<b>Section 12</b>																																			
<b>Establishment Works</b>																																			
S30AG800	SA30A Establishment Works	365	0%	365	26-Jun-13	25-Jun-14	26-Jun-13	25-Jun-14	0																										
S30G8000	SA30 Establishment Works	365	0%	365	26-Jun-13	25-Jun-14	26-Jun-13	25-Jun-14	0																										
<b>Section 13</b>																																			
<b>Establishment Works</b>																																			
S30AG810	Remainder of Establishment Works (Exclude Section 8 to 12)	365	0%	365	26-Jun-13	25-Jun-14	26-Jun-13	25-Jun-14	0																										
<b>Section 14</b>																																			
<b>Route Network Maintenance (Subject to the the Engineer's Instruction)</b>																																			
S21G7000	Tentative Start Date for SA21 Route Maintenance Works	0	100%	0	17-Sep-10 A					◇ Tentative Start Date for SA21 Route Maintenance Works																									
S22G7000	Tentative Start Date for SA22 Route Maintenance Works	0	100%	0	26-Feb-10 A					◇ Tentative Start Date for SA22 Route Maintenance Works																									
S23G7000	Tentative Start Date for SA23 Route Maintenance Works	0	100%	0	25-Aug-10 A					◇ Tentative Start Date for SA23 Route Maintenance Works																									
S24G7000	Tentative Start Date for SA24 Route Maintenance Works	0	100%	0	25-Aug-10 A					◇ Tentative Start Date for SA24 Route Maintenance Works																									
S25G7000	Tentative Start Date for SA25 Route Maintenance Works	0	100%	0	20-Oct-10 A					◇ Tentative Start Date for SA25 Route Maintenance Works																									
S26AG700	Tentative Start Date for SA26A Route Maintenance Works	0	100%	0	26-Feb-10 A					◇ Tentative Start Date for SA26A Route Maintenance Works																									
S26G7000	Tentative Start Date for SA26 Route Maintenance Works	0	100%	0	26-Feb-10 A					◇ Tentative Start Date for SA26 Route Maintenance Works																									
S27G7000	Tentative Start Date for SA27 Route Maintenance Works	0	100%	0	27-May-10 A					◇ Tentative Start Date for SA27 Route Maintenance Works																									
S28G7000	Tentative Start Date for SA28 Route Maintenance Works	0	100%	0	26-Feb-10 A					◇ Tentative Start Date for SA28 Route Maintenance Works																									
S29G7000	Tentative Start Date for SA29 Route Maintenance Works	0	100%	0	20-Oct-10 A					◇ Tentative Start Date for SA29 Route Maintenance Works																									
S30AG700	Tentative Start Date for SA30A Route Maintenance Works	0	100%	0	25-Aug-10 A					◇ Tentative Start Date for SA30A Route Maintenance Works																									
S30G7000	Tentative Start Date for SA30 Route Maintenance Works	0	100%	0	26-Feb-10 A					◇ Tentative Start Date for SA30 Route Maintenance Works																									
S31G7000	Tentative Start Date for SA31 Route Maintenance Works	0	100%	0	26-Feb-10 A					◇ Tentative Start Date for SA31 Route Maintenance Works																									
<b>Section 15 (Subject to Excision and Instruct by Engineer within 819 days)</b>																																			
<b>General</b>																																			
SC150000	Validity Period	820	63.05%	303	25-Feb-10 A	23-May-12	27-Jul-11	24-May-12	1	Validity Period																									
SC150010	Latest Date for the Engineer to Issue EI	0	0%	0		24-May-12*		24-May-12	0	◇ Latest Date for the Engineer to Issue EI																									
<b>Site Area SA30</b>																																			
PHSA3040	Possession of SA30 (Day0)	0	100%	0	26-Feb-10 A					◇ Possession of SA30 (Day0)																									
SA300001	Site Area SA30 Works Period	397	0%	397	25-May-12	25-Jun-13	25-May-12	25-Jun-13	0	Site Area SA30 Works																									
SA300020	Site Area SA30 Works Completion	0	0%	0		25-Jun-13*		25-Jun-13	0	◇ Site Area SA30 Works																									
<b>North Bound</b>																																			

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**Highways Department - Contract No. HY/2009/08**  
**Widening of Tolo Highway/ Fanling Highway**  
**Stage 1 - Between Ma Wo and Tai Hang**  
  
**Updated Works Program (July 2011)**

Updated to 26 July 2011  
(dated on 22 July 2011, received on 29 July 2011)

Activity ID	Activity Name	Original Duration	Activity % Complete	Remaining Duration	Start	Finish	Late Start	Late Finish	Total Float	2010												2011				2012				2013				2014			
										2010				2011				2012				2013				2014											
										Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4				
<b>Preliminaries</b>																																					
S30N0002	Site Clearance/Access Rd	80	0%	80	25-May-12	29-Aug-12	25-May-12	29-Aug-12	0																												
S30N0021	Site Clearance	40	0%	40	25-May-12	13-Jul-12	25-May-12	13-Jul-12	0																												
S30N0022	Access Rd	40	0%	40	14-Jul-12	29-Aug-12	13-Jul-12	29-Aug-12	0																												
<b>Roadworks, Drainage &amp; Utilities</b>																																					
S30N4600	Road Drainage System	156	0%	156	09-Jul-12	12-Jan-13	09-Jul-12	12-Jan-13	0																												
S30N4610	Road Drainage System - Stage 1 (ch 5638 to 5700)	40	0%	40	09-Jul-12	23-Aug-12	09-Jul-12	23-Aug-12	0																												
S30N4620	Road Drainage System - Stage 2 (ch 5700 to 5760)	40	0%	40	24-Aug-12	11-Oct-12	24-Aug-12	11-Oct-12	0																												
S30N4630	Road Drainage System - Stage 3 (ch 5760 to 5820)	40	0%	40	12-Oct-12	28-Nov-12	12-Oct-12	28-Nov-12	0																												
S30N4640	Road Drainage System - Stage 4 (ch 5820 to 5881)	36	0%	36	29-Nov-12	12-Jan-13	29-Nov-12	12-Jan-13	0																												
<b>South Bound</b>																																					
<b>Preliminaries</b>																																					
S30S0003	Site Clearance/TTM/Access Rd/Utility Diversion	30	0%	30	06-Dec-12	12-Jan-13	06-Dec-12	12-Jan-13	0																												
<b>Roadworks, Drainage &amp; Utilities</b>																																					
S30S4600	Road Drainage System	50	0%	50	14-Jan-13	15-Mar-13	14-Jan-13	15-Mar-13	0																												
<b>Middle Lane</b>																																					
<b>Preliminaries</b>																																					
S30M0004	Site Clearance/TTM/Access Rd/Utility Diversion	30	0%	30	27-Feb-13	06-Apr-13	27-Feb-13	06-Apr-13	0																												
<b>Roadworks, Drainage &amp; Utilities</b>																																					
S30M4600	Road Drainage System	65	0%	65	08-Apr-13	25-Jun-13	08-Apr-13	25-Jun-13	0																												
S30M4610	Road Drainage System - Stage 1	32	0%	32	08-Apr-13	15-May-13	08-Apr-13	15-May-13	0																												
S30M4620	Road Drainage System - Stage 2	33	0%	33	16-May-13	25-Jun-13	16-May-13	25-Jun-13	0																												
<b>Section 16 (Subject to Excision and Instruct by Engineer within 819 days)</b>																																					
<b>General</b>																																					
SC150015	Validity Period	819	63%	303	25-Feb-10 A	23-May-12	26-Jul-11	23-May-12	0																												
SC150020	Latest Date for the Engineer to Issue EI	0	0%	0		23-May-12		23-May-12	0																												
<b>Site Area SA30</b>																																					
PHSA3050	Possession of SA30	0	100%	0	26-Feb-10 A																																
SA300011	Site Area SA30 Works Period	398	0%	398	24-May-12	25-Jun-13	24-May-12	25-Jun-13	0																												
SA300030	Site Area SA30 Works Completion	0	0%	0		25-Jun-13*		25-Jun-13	0																												
<b>North Bound</b>																																					
<b>Preliminaries</b>																																					
S30N0000	Site Clearance/TTM/Access Rd/Utility Diversion	61	0%	61	24-May-12	06-Aug-12	24-May-12	06-Aug-12	0																												
S30N10	Site Clearance	31	0%	31	24-May-12	30-Jun-12	24-May-12	30-Jun-12	0																												
S30N20	TTA & Access Road	31	0%	31	12-Jun-12	19-Jul-12	12-Jun-12	19-Jul-12	0																												
S30N30	Utilities Diversion	31	0%	31	30-Jun-12	06-Aug-12	30-Jun-12	06-Aug-12	0																												
SA300010	Site Area SA30 Works Completion	0	0%	0		25-Jun-13*		25-Jun-13	0																												
<b>Noise Barriers &amp; Road Barriers</b>																																					
<b>Noiser Barrier NB43 on Piles (AD)</b>																																					
S30N2000	Pre-drilling for NB43	24	0%	24	07-Aug-12	03-Sep-12	07-Aug-12	03-Sep-12	0																												
S30N2010	Piles for NB43 (166shp)	64	0%	64	04-Sep-12	20-Nov-12	04-Sep-12	20-Nov-12	0																												
S30N2020	Piling Work (ch5560-5660) (52nos. shp)	20	0%	20	04-Sep-12	26-Sep-12	04-Sep-12	26-Sep-12	0																												

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**Stage 1 - Between Ma Wo and Tai Hang**  
  
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										Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3			
										Gantt Chart																					
<b>Southbound</b>											<ul style="list-style-type: none"> <li><span style="color: red;">■</span> Piling Work (ch5660-5760) (52nos. shp)</li> <li><span style="color: red;">■</span> Piling Work (ch5760-5880) (62nos. shp)</li> <li><span style="color: red;">■</span> Excavate to cut-off level</li> <li><span style="color: green;">■</span> Footing for NB43</li> <li><span style="color: red;">■</span> Footing (ch5560-5660) (52nos. shp)</li> <li><span style="color: red;">■</span> Footing (ch5660-5760) (52nos. shp)</li> <li><span style="color: red;">■</span> Footing (ch5760-5880) (62nos. shp)</li> <li><span style="color: red;">■</span> Backfilling</li> <li><span style="color: green;">■</span> Construct Beam Barrier &amp; Noise Barrier (MCNB5638 to 5881)</li> <li><span style="color: yellow;">■</span> Construct Beam Barrier (MCNB5638 to 5760)</li> <li><span style="color: yellow;">■</span> Construct Beam Barrier (MCNB5760 to 5881)</li> </ul>																				
<b>Noise Barrier NB 30</b>																															
<b>Noise Barriers &amp; Road Barriers NB42, NB42A &amp; NB47</b>											<ul style="list-style-type: none"> <li><span style="color: green;">■</span> Noise Barrier NB42, NB42A &amp; NB47 Foundation</li> <li><span style="color: red;">■</span> NB42 : Construction of Footing</li> <li><span style="color: red;">■</span> NB42 : Erecting H-Column</li> <li><span style="color: red;">■</span> NB42 : Installing Panel</li> <li><span style="color: red;">■</span> NB42A : Construction of Footing</li> <li><span style="color: red;">■</span> NB42A : Erecting H-Column</li> <li><span style="color: red;">■</span> NB42A : Installing Panel</li> <li><span style="color: red;">■</span> NB47 : Installing Sheet Pile &amp; ELS Works</li> <li><span style="color: red;">■</span> NB47 : Constructing Foundation</li> <li><span style="color: red;">■</span> NB47 : Erecting H-Column</li> <li><span style="color: red;">■</span> NB47 : Installing Panel</li> </ul>																				
<b>South Bound Preliminaries</b>											<ul style="list-style-type: none"> <li><span style="color: red;">■</span> Site Clearance/TTM/Access Rd/Utility Diversion</li> </ul>																				
<b>South Bound Noise Barriers &amp; Road Barriers</b>											<ul style="list-style-type: none"> <li><span style="color: green;">■</span> Noise Barrier NB44 &amp; NB45 Foundation</li> <li><span style="color: red;">■</span> Noise Barrier NB44 Foundation</li> <li><span style="color: red;">■</span> Noise Barrier NB45 Foundation</li> <li><span style="color: green;">■</span> Construct Noise Barrier &amp; Beam Barrier</li> <li><span style="color: red;">■</span> Construct Noise Barrier</li> <li><span style="color: red;">■</span> Construct Beam Barrier</li> <li><span style="color: green;">■</span> Construct Beam Barrier &amp; Noise Barrier (MCNB5705 to 5870)</li> <li><span style="color: red;">■</span> Construct Beam Barrier (MCNB5705 to 5870)</li> <li><span style="color: red;">■</span> Construct Noise Barrier (MCNB5705 to 5870)</li> </ul>																				
<b>Site Area SA30A</b>											<ul style="list-style-type: none"> <li><span style="color: green;">■</span> Site Area SA30 Works Period</li> <li><span style="color: red;">■</span> Site Area SA30A Works Completion</li> </ul>																				
<b>North Bound Preliminaries</b>											<ul style="list-style-type: none"> <li><span style="color: red;">■</span> Site Clearance/TTM/Access Rd/Utility Diversion</li> </ul>																				

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**Highways Department - Contract No. HY/2009/08**  
**Widening of Tolo Highway/ Fanling Highway**  
**Stage 1 - Between Ma Wo and Tai Hang**  
  
**Updated Works Program (July 2011)**

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Activity ID	Activity Name	Original Duration	Activity % Complete	Remaining Duration	Start	Finish	Late Start	Late Finish	Total Float	2010												2011				2012				2013				2014			
										2010				2011				2012				2013				2014											
										Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4				
<b>Noise Barriers &amp; Road Barriers</b>																																					
S30AN300	Construct Noise Barrier & Beam Barrier	74	0%	74	23-Mar-13	25-Jun-13	23-Mar-13	25-Jun-13	0	Construct Noise Barrier																											
S30AN310	Installation of Remaining Noise Barrier	37	0%	37	23-Mar-13	10-May-13	23-Mar-13	10-May-13	0	Installation of Remaining																											
S30AN320	Installation of Beam Barrier	37	0%	37	11-May-13	25-Jun-13	11-May-13	25-Jun-13	0	Installation of Beam B																											
<b>Section 17 (Subject to Excision and Instruct by Engineer within 819 days)</b>																																					
<b>General</b>																																					
SC150025	Validity Period	819	63%	303	25-Feb-10 A	23-May-12	26-Jul-11	23-May-12	0	Validity Period																											
SC150030	Latest Date for the Engineer to Issue EI	0	0%	0		23-May-12		23-May-12	0	Latest Date for the Engineer to Issue EI																											
<b>Site Area SA28</b>																																					
PHSA2840	Possession of SA28	0	100%	0	26-Feb-10 A					Possession of SA28																											
SA280005	Site Area SA28 Works Period	398	0%	398	24-May-12	25-Jun-13	24-May-12	25-Jun-13	0	Site Area SA28 Works																											
SA280020	Site Area SA28 Works Completion	0	0%	0		25-Jun-13*		25-Jun-13	0	Site Area SA28 Works																											
<b>All Area</b>																																					
<b>Preliminaries</b>																																					
S28N1000	Site Clearance/TTM/Access Rd/Utility Diversion	45	0%	45	24-May-12	18-Jul-12	24-May-12	18-Jul-12	0	Site Clearance/TTM/Access Rd/Utility Dive																											
<b>Roadworks, Drainage &amp; Utilities</b>																																					
S28N4100	Gravity Sewer Line	277	0%	277	19-Jul-12	25-Jun-13	19-Jul-12	25-Jun-13	0	Gravity Sewer Line																											
S28N4110	Gravity Sewer Line (Manhole no. Village Sewer to STS10_10)	31	0%	31	19-Jul-12	23-Aug-12	19-Jul-12	23-Aug-12	0	Gravity Sewer Line (Manhole no. Village																											
S28N4120	Gravity Sewer Line (Manhole no. STS10_10 to STS10_20)	30	0%	30	24-Aug-12	27-Sep-12	24-Aug-12	27-Sep-12	0	Gravity Sewer Line (Manhole no. STS																											
S28N4130	Gravity Sewer Line (Manhole no. STS30_10 to STS10_40)	30	0%	30	28-Sep-12	05-Nov-12	28-Sep-12	05-Nov-12	0	Gravity Sewer Line (Manhole no. S																											
S28N4140	Gravity Sewer Line (Manhole no. STS50_10 to STS10_60)	31	0%	31	06-Nov-12	11-Dec-12	06-Nov-12	11-Dec-12	0	Gravity Sewer Line (Manhole no.																											
S28N4150	Gravity Sewer Line (Manhole no. STS70_10 to STS10_80)	31	0%	31	12-Dec-12	19-Jan-13	12-Dec-12	19-Jan-13	0	Gravity Sewer Line (Manhole n																											
S28N4160	Gravity Sewer Line (Manhole no. STS90_10 to STS10_100)	31	0%	31	21-Jan-13	28-Feb-13	21-Jan-13	28-Feb-13	0	Gravity Sewer Line (Manhole																											
S28N4170	Gravity Sewer Line (Manhole no. STS105_10 to STS10_120)	31	0%	31	01-Mar-13	10-Apr-13	01-Mar-13	10-Apr-13	0	Gravity Sewer Line (Manh																											
S28N4180	Gravity Sewer Line (Manhole no. STS130_10 to STS10_140)	31	0%	31	11-Apr-13	18-May-13	11-Apr-13	18-May-13	0	Gravity Sewer Line (Ma																											
S28N4190	Gravity Sewer Line (Manhole no. STS10_150 to STS10_170)	31	0%	31	20-May-13	25-Jun-13	20-May-13	25-Jun-13	0	Gravity Sewer Line (N																											
<b>Site Area SA30A</b>																																					
PHSA30A5	Possession of SA30A	0	100%	0	27-Jul-10 A					Possession of SA30A																											
SA30A005	Site Area SA30A Works Period	398	0%	398	24-May-12	25-Jun-13	24-May-12	25-Jun-13	0	Site Area SA30A Worl																											
SA30A020	Site Area SA30A Works Completion	0	0%	0		25-Jun-13*		25-Jun-13	0	Site Area SA30A Worl																											
<b>North Bound</b>																																					
<b>Preliminaries</b>																																					
S30AN100	Site Clearance/TTM/Access Rd/Utility Diversion	45	0%	45	24-May-12	18-Jul-12	24-May-12	18-Jul-12	0	Site Clearance/TTM/Access Rd/Utility Dive																											
<b>Roadworks, Drainage &amp; Utilities</b>																																					
S30AN410	Gravity Sewer Line	277	0%	277	19-Jul-12	25-Jun-13	19-Jul-12	25-Jun-13	0	Gravity Sewer Line																											
S30AN420	Gravity Sewer Line (Manhole no. PST1 to STS10_100)	31	0%	31	19-Jul-12	23-Aug-12	19-Jul-12	23-Aug-12	0	Gravity Sewer Line (Manhole no. PST1																											
S30AN430	Gravity Sewer Line (Manhole no. STS10_100 to STS10_105)	30	0%	30	24-Aug-12	27-Sep-12	24-Aug-12	27-Sep-12	0	Gravity Sewer Line (Manhole no. STS																											
S30AN440	Gravity Sewer Line (Manhole no. STS10_105 to STS10_110)	30	0%	30	28-Sep-12	05-Nov-12	28-Sep-12	05-Nov-12	0	Gravity Sewer Line (Manhole no. S																											
S30AN450	Gravity Sewer Line (Manhole no. STS10_110 to STS10_120)	31	0%	31	06-Nov-12	11-Dec-12	06-Nov-12	11-Dec-12	0	Gravity Sewer Line (Manhole no.																											
S30AN460	Gravity Sewer Line (Manhole no. STS10_120 to STS10_130)	31	0%	31	12-Dec-12	19-Jan-13	12-Dec-12	19-Jan-13	0	Gravity Sewer Line (Manhole n																											
S30AN470	Gravity Sewer Line (Manhole no. STS10_130 to STS10_140)	31	0%	31	21-Jan-13	28-Feb-13	21-Jan-13	28-Feb-13	0	Gravity Sewer Line (Manhole																											
S30AN480	Gravity Sewer Line (Manhole no. STS10_140 to STS10_150)	31	0%	31	01-Mar-13	10-Apr-13	01-Mar-13	10-Apr-13	0	Gravity Sewer Line (Manh																											

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										Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
S30AN490	Gravity Sewer Line (Manhole no. STS10_150 to STS10_160)	31	0%	31	11-Apr-13	18-May-13	11-Apr-13	18-May-13	0																
S30AN500	Gravity Sewer Line (Manhole no. STS10_160 to STS10_170)	31	0%	31	20-May-13	25-Jun-13	20-May-13	25-Jun-13	0																

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