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The logo for MaterialLab, featuring the word "MaterialLab" in a bold, sans-serif font. The "Material" part is in a lighter weight, and the "Lab" part is in a bolder weight. The logo is set against a background of two horizontal black bars, one above and one below the text.

Report No.: 0165/15/ED/0249

Appendix C

Construction Programme

HZMB HK Boundary Crossing Facilities - Vehicle Clearance Plazas and Ancillary Buildings and Facilities								04-Jan-16									
Activity ID	Activity Name	Original Duration	Remaining Duration	% Complete	Start	Finish	Total Float	2015	2016								
								Dec	Jan	Feb	Mar	Apr					
HKBCF - VCP DRMs Programme, (IWP 04), UD 311215																	
CONTRACT DATES																	
Key Dates																	
A1040	KD4 Achievement of Stage 3B of the Works (250 days; 15 Dec. 15)	0	0	0%		23-Jan-16*	-39						◆ KD4 Achievement of Stage 3B of the Works (250 days; 15 Dec. 15)				
Site Access & Possession																	
Possession of Portion of Site																	
A0090	Possession of Portion H1 (<=273 days)	0	0	0%		15-Jan-16*	-8						◆ Possession of Portion H1 (<=273 days)				
Section/Stage Subject to Excision																	
A0710	Contract Date for Section IA (273 days, latest date when the Engineer may order)	0	0	0%	07-Jan-16*		0						◆ Contract Date for Section IA (273 days, latest date when the Engineer may order)				
A0720	Contract Date for Section IB (273 days, latest date when the Engineer may order)	0	0	0%	07-Jan-16*		0						◆ Contract Date for Section IB (273 days, latest date when the Engineer may order)				
A0730	Contract Date for Section IIA (345 days, latest date when the Engineer may order)	0	0	0%	19-Mar-16*		0	◆ Contract Date for Section IIA (345 days, latest date when the Engineer may order)									
A0740	Contract Date for Section IIB (100 days, latest date when the Engineer may order)	0	0	0%	31-Dec-15*		-166	◆ Contract Date for Section IIB (100 days, latest date when the Engineer may order)									
A0750	Contract Date for Section IIC (320 days, latest date when the Engineer may order)	0	0	0%	23-Feb-16*		0	◆ Contract Date for Section IIC (320 days, latest date when the Engineer may order)									
A0760	Contract Date for Section III (273 days, latest date when the Engineer may order)	0	0	0%	07-Jan-16*		0	◆ Contract Date for Section III (273 days, latest date when the Engineer may order)									
A0810	Contract Date for Section IX (270 days, latest date when the Engineer may order)	0	0	0%	04-Jan-16*		0	◆ Contract Date for Section IX (270 days, latest date when the Engineer may order)									
A0820	Contract Date for Section X (270 days, latest date when the Engineer may order)	0	0	0%	04-Jan-16*		0	◆ Contract Date for Section X (270 days, latest date when the Engineer may order)									
A0830	Contract Date for Stage 20 (270 days, latest date when the Engineer may order)	0	0	0%	04-Jan-16*		0	◆ Contract Date for Stage 20 (270 days, latest date when the Engineer may order)									
A0840	Contract Date for Stage 21 (270 days, latest date when the Engineer may order)	0	0	0%	04-Jan-16*		0	◆ Contract Date for Stage 21 (270 days, latest date when the Engineer may order)									
A0850	Contract Date for Stage 22 (270 days, latest date when the Engineer may order)	0	0	0%	04-Jan-16*		0	◆ Contract Date for Stage 22 (270 days, latest date when the Engineer may order)									
A0860	Contract Date for Stage 23 (270 days, latest date when the Engineer may order)	0	0	0%	04-Jan-16*		0	◆ Contract Date for Stage 23 (270 days, latest date when the Engineer may order)									
A0870	Contract Date for Stage 24 (270 days, latest date when the Engineer may order)	0	0	0%	04-Jan-16*		0	◆ Contract Date for Stage 24 (270 days, latest date when the Engineer may order)									
PRELIMINARY																	
A0610	Mobilization of Plant	70	35	50%	10-Apr-15 A	03-Feb-16*	-230										
Precast Yard for Bridge Segment																	
A0620	Engineering Service and Factory Preparation	120	96	20%	01-Dec-15 A	29-Apr-16	-137										
PORTION A1																	
Portion A1 Structures																	
Bridge A9																	
Bored Pile																	
S91010	Predrill SI, 10 nos.	30	0	100%	10-Nov-15 A	04-Dec-15 A											
Box Culvert D																	
Bored Pile																	
SD0040	Bored Piling for Box Culvert D 45 nr. (5 no. done)	128	109	15%	05-Oct-15 A	11-Aug-16	-34										
<div><div></div> Actual Work</div> <div><div></div> Remaining Work</div> <div><div></div> Critical</div> <div><div>◆</div> Milestone</div>		THREE MONTH ROLLING PROGRAMME VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES Page 1 of 4						Date	Revision		Checked	Approved					
								31-Oct-15	Initial Works Programme Rev. 3, 3MRP		ZJ						
								30-Nov-15	Initial Works Pogramme Rev. 3, 3MRP		ZJ						
								31-Dec-15	DRMs updated as of 31 Dec. 2015, 3MRP		ZJ						

HZMB HK Boundary Crossing Facilities - Vehicle Clearance Plazas and Ancillary Buildings and Facilities								04-Jan-16				
Activity ID	Activity Name	Original Duration	Remaining Duration	% Complete	Start	Finish	Total Float	2015	2016			
								Dec	Jan	Feb	Mar	Apr
049 - Sewage Treatment Plant, Portion A1 & A2												
A04930	Approval of Rockhead & Foundation	7	0	100%	21-Dec-15 A	28-Dec-15 A						
A04940	Bored Piling (39 Nr.)	148	147	0.68%	29-Dec-15 A	02-Jul-16	-179					
Portion A1 Buildings												
036 - Weigh Station												
A03630	Super Structure	90	9	90%	06-Oct-15 A	12-Apr-16	91					
A03690	Other BS + E&M Instaation	180	162	10%	02-Nov-15 A	14-Nov-16	163					
037 C&ED Tower Cum Inbound Cargo Examination Building (Portion A1 & B)												
A03710	Excavation	14	0	100%	07-Oct-15 A	30-Nov-15 A						
A03720	Substructure	50	25	50%	13-Oct-15 A	30-Apr-16	-192					
A03790	Other BS + E&M Installation	235	230	2%	15-Dec-15 A	15-Jul-17	-31					
052 - Transforms (Zone 4)												
A05220	Supersturcture	64	0	100%	21-Sep-15 A	30-Nov-15 A						
A05230	Fitting out works in Tx Room to CLP (KD4)	55	20	63.64%	02-Nov-15 A	23-Jan-16	-31					
A05235	Energisation by CLP	50	50	0%	25-Jan-16	29-Mar-16	298					
A05240	BS Installation (KD9)	66	53	20%	02-Nov-15 A	05-Mar-16	228					
A05250	Finishing (KD10)	87	78	10%	14-Dec-15 A	09-Apr-16	228					
External Works for Portion A1												
Drainage Works												
SG0020	Drainage Works (4210m & 76MHs)	250	248	1%	16-Sep-15 A	21-Apr-17	-104					
PORTION B												
Portion B Structures												
027 - Staff Subway												
C02710	ELS + Blind (Seg. 8-19) (12 Bay)	47	38	20%	27-Oct-15 A	17-Feb-16	-42					
C02720	Seg. 8-13 Construction - Base Slab	21	19	10%	03-Nov-15 A	22-Jan-16	-5					
C02730	Seg. 8-13 Construction - Wall + Top Slab	30	30	0%	15-Dec-15 A	04-Feb-16	0					
C02740	Seg. 14-19 Construction - Base Slab	21	21	0%	31-Dec-15	25-Jan-16	-16					
C02750	Seg. 14-19 Construction - Wall + Top Slab	30	30	0%	20-Jan-16	26-Feb-16	-16					
C02760	Internal Finishes & Cable Containment (KD1)	30	30	0%	05-Feb-16	14-Mar-16	5					
C02770	BS + E&M Installation for ACVSS (Stage 1)	30	30	0%	24-Feb-16	01-Apr-16	1					
029 - Staff Subway												
C02910	ELS + Blind (Seg. 28-36) (12 Bay)	40	40	0%	17-Feb-16	08-Apr-16	-42					
C02920	Seg. 28-32 Construction - Base Slab	22	22	0%	09-Mar-16	08-Apr-16	-42					
C02940	Seg. 33-36 Construction - Base Slab	21	21	0%	09-Mar-16	07-Apr-16	-42					
Portion B Buildings												
027/028 Inbound Kiosks & 029 Outbound Kiosks												

Actual Work
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THREE MONTH ROLLING PROGRAMME

VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES

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Activity ID	Activity Name	Original Duration	Remaining Duration	% Complete	Start	Finish	Total Float	2015	2016				
								Dec	Jan	Feb	Mar	Apr	
	A02700	Submission & Approval for Steel Works	50	50	0%	31-Dec-15	02-Mar-16	-88					
	A02710	Pre-fabrication for the Steel Kiosks	100	100	0%	03-Mar-16	06-Jul-16	-88					
027/028 Inbound Kiosks & 029 Outbound Kiosks, Section IX, Subject to Excision													
	B02730	Submission & Approval for Steel Works	75	75	0%	04-Jan-16	07-Apr-16	25					
External Works for Portion B													
Drainage Works													
	B00030	Initial Survey	12	0	100%	07-Dec-15 A	16-Dec-15 A						
	SG1540	Drainage Works (7812m & 168MHs)	300	297	1%	17-Dec-15 A	29-Mar-17	-120					
PORTION C													
Portion C Buildings													
010 - Inbound Coach Kiosk & Staff Subway Entrance													
	A01010	Substructure and Staircase Construction	60	60	0%	22-Mar-16	06-Jun-16	-157					
PORTION G, H1 & H2													
Portion G Structures													
Box Culvert C													
Steel H Pile													
	SC0230	Predrill SI for Box Culvert C 9 Nr.	9	0	100%	02-Nov-15 A	04-Dec-15 A						
Bridge A1													
Bored Pile													
	S10110	Predrill SI, 10 nos.	30	14	53.33%	07-Dec-15 A	16-Jan-16	65					
	S10120	Bore pile, 10 nos.	58	58	0%	18-Jan-16	31-Mar-16	65					
Bridge A2													
Bored Pile													
	S21410	Bore pile + P301 + P601, (6 + 4) Nr., 5 no. done	73	37	50%	26-Nov-15 A	16-Feb-16	-92					
	S21820	Pile Testing	7	7	0%	26-Feb-16	05-Mar-16	100					
Pile Cap													
	S21850	Cap - Pier P205	30	30	0%	05-Mar-16	14-Apr-16	100					
Bridge A5													
Bored Pile													
	S52620	Predrill SI for others 4 nos.	6	0	100%	01-Dec-15 A	17-Dec-15 A						
Bridge A6													
Bored Pile													
	S63510	Bore pile for P606, A607/A711, 6 Nr.	46	46	0%	31-Dec-15	26-Feb-16	-130					
	S63520	Bore pile for other 8 Nr.	58	58	0%	27-Feb-16	10-May-16	-130					
	S63720	Pile Testing for 606, A607/A711	7	7	0%	09-Mar-16	16-Mar-16	-99					
	S63725	Pile Testing for P601	7	7	0%	29-Feb-16	08-Mar-16	-92					
Pile Cap													
	S63410	Cap - P606, P607/711	40	40	0%	17-Mar-16	07-May-16	-99					
	S63420	Cap - P601	30	30	0%	08-Mar-16	16-Apr-16	-92					
Bridge A7a, A7b, A7c													
Bored Pile													
	S74150	Predrill SI for P701, P702 - P705, 10 Nr.	30	30	0%	31-Dec-15	04-Feb-16	34					

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								Dec	Jan	Feb	Mar	Apr	
S74160	Bore Piling for P706, P707, P712, 6 Nr.	44	40	10%	14-Dec-15 A	25-Aug-16	-128	<div></div>					
S74170	Bore Piling for A701, P702 - P705, 10 Nr.	42	38	10%	20-Nov-15 A	24-Sep-16	-116	<div></div>					
Portion G Buildings													
035 - Sewage Pumping Station, Portion G													
A03525	Approval of Rockhead & Founding	14	14	0%	31-Dec-15	16-Jan-16	-16		<div></div>				
A03530	Bored piling (5 nr.)	46	46	0%	04-Feb-16	05-Apr-16	-16			<div></div>			
External Works for Portion G, H1 & H2													
Sign Gantry DS40, DS41 & DS75													
SS0010	Sign Gantry DS40 SI Drilling, 3 Nr.	13	0	100%	08-Dec-15 A	19-Dec-15 A		<div></div>					
SS0030	Sign Gantry DS41 SI Drilling, 1 Nr.	13	0	100%	02-Dec-15 A	21-Dec-15 A		<div></div>					
SS0050	Sign Gantry DS75 SI Drilling, 2 Nr.	7	5	28.57%	08-Dec-15 A	06-Jan-16	97	<div></div>					
SS0170	Submission and approval for Sign Gantry	90	90	0%	31-Dec-15	22-Apr-16	-18		<div></div>				
PORTION J													
Portion J Structure													
030 Outbound Private Car & GV Kiosks													
A03010	Submission & Approval for Steel Works	60	60	0%	31-Dec-15	14-Mar-16	-7		<div></div>				
A03020	Pre-fabrication for the Steel Kiosks	84	84	0%	15-Mar-16	28-Jun-16	-7				<div></div>		
030 Outbound Kiosks, Section IX, Subject to Excision													
C03010	Submission & Approval for Steel Works	100	100	0%	04-Jan-16	07-May-16	0		<div></div>				
External Works for Portion J													
Sign Gantry DS104													
SS0130	Sign Gantry DS104 SI Drilling, 2 Nr.	12	3	75%	18-Dec-15 A	04-Jan-16	207	<div></div>					
PORTION N													
Portion N Structure													
Box Culvert B													
Bored Pile													
SB0510	Box B - Predrill SI, 30 nos.	30	14	53.33%	01-Dec-15 A	16-Jan-16	131	<div></div>					
SB0570	Box B - Bore Pile, 30 nos.	85	85	0%	18-Jan-16	04-May-16	131		<div></div>				

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