

## **MATERIALAB CONSULTANTS LIMITED**

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The logo for MaterialLab, featuring the word "MaterialLab" in a bold, sans-serif font. The text is white and is set against a black rectangular background that has horizontal bars above and below it.

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Report No.: 0165/15/ED/0949

### **Appendix C**

### **Construction Programme**

Activity ID	Activity Name	2017		2018		
		Nov	Dec	Jan	Feb	Mar
<b>HKBCF - VCP &amp; Ancillary Buildings and Facilities, DWP5 (+ DRM 2)</b>						
<b>Stages of the Project Completion</b>						
<b>Stage 1: 31st Dec. 2017</b>						
A2010	All Kiosk 006, 009, 010, 027, 028, 029 & 030			◆ All Kiosk 006, 009, 010, 027, 028, 029 & 030		
A2020	Road Pavement: Traffic Lanes through Kiosk 4-2-2-4			◆ Road Pavement: Traffic Lanes through Kiosk 4-2-2-4		
A2030	Northern PTI (Except SW Corner)			◆ Northern PTI (Except SW Corner)		
A2040	Southern PTI			◆ Southern PTI		
A2050	All Carpark Area surrounded by A2, A6 & A7			◆ All Carpark Area surrounded by A2, A6 & A7		
A2060	Bridge A1 - 9			◆ Bridge A1 - 9		
A2070	Road Pavement: 2 Traffic Lanes through Kiosk 006, 009 & 010			◆ Road Pavement: 2 Traffic Lanes through Kiosk 006, 009 & 010		
A2080	Internal Road (up to TTA)			◆ Internal Road (up to TTA)		
A2090	Boundary Road (up to subbase) (Half Lane)			◆ Boundary Road (up to subbase) (Half Lane)		
A2100	Security Fencing			◆ Security Fencing		
A2200	Completion of Buildings			◆ Completion of Buildings		
<b>Stage 2: 15th Feb. 2018</b>						
A2110	Road Pavement: Traffic Lanes through Kiosk 9-5-5-9				◆ Road Pavement: Traffic Lanes through Kiosk 9-5-5-9	
A2120	Road Pavement: 4 Traffic Lanes through Kiosk 006, 009 & 010				◆ Road Pavement: 4 Traffic Lanes through Kiosk 006, 009 & 010	
A2130	Security Fencing (E&M Works)				◆ Security Fencing (E&M Works)	
A2140	North PTI (SW Corner)				◆ North PTI (SW Corner)	
A2150	Topsoil for Landscape Works				◆ Topsoil for Landscape Works	
A2160	Internal Road (Rings up to RB 1st Layer)				◆ Internal Road (Rings up to RB 1st Layer)	
A2170	Boundary Roads (Rings up to RB, half lane)				◆ Boundary Roads (Rings up to RB, half lane)	
<b>Completion of Works</b>						
<b>Stage 1: Kiosks of 006, 009, 010, 027, 028, 029 &amp; 030</b>						
<b>Kiosks of 027</b>						
K020	9-Kiosks: Finishing, Glass Window & Door	[Actual Work Bar]				
K030	9-Kiosks: Degree 3 Handover		◆ 9-Kiosks: Degree 3 Handover			
K040	Installation of Steel Y-Junction, remaining	[Actual Work Bar]				
K050	Installation of Cladding, remaining	[Actual Work Bar]				
<b>Kiosks of 028</b>						
K160	5-Kiosks: Finishing, Glass Window & Door	[Actual Work Bar]				
K170	5-Kiosks: Degree 3 Handover		◆ 5-Kiosks: Degree 3 Handover			
K174	Remaining 5-Kiosks: Finishing, Glass Window & Door	[Actual Work Bar]		[Red Remaining Work Bar]		
K176	Remaining 5-Kiosks: Degree 3 Handover					◆ Remaining 5-Kiosks: Deg
K180	Installation of Steel Y-Junction, remaining	[Actual Work Bar]				
K190	Installation of Cladding, remaining	[Actual Work Bar]				
<b>Kiosks of 029</b>						
K100	5-Kiosks: RC Wall & Roof	[Actual Work Bar]				
K110	5-Kiosks: Finishing, Glass Window & Door	[Actual Work Bar]				
K120	5-Kiosks: Degree 3 Handover		◆ 5-Kiosks: Degree 3 Handover			
K122	Remaining 5-Kiosks: RC Wall & Roof	[Actual Work Bar]				
K130	Installation of Steel Y-Junction, remaining	[Actual Work Bar]				
K140	Installation of Cladding, remaining	[Actual Work Bar]				
<b>Kiosks of 030</b>						
K200	9-Kiosks: RC Wall & Roof	[Actual Work Bar]				
K210	9-Kiosks: Finishing, Glass Window & Door	[Actual Work Bar]				
K220	9-Kiosks: Degree 3 Handover		◆ 9-Kiosks: Degree 3 Handover			
K222	Remaining 12-Kiosks: RC Wall & Roof	[Actual Work Bar]				
K230	Installation of Steel Y-Junction, remaining	[Actual Work Bar]				
K240	Installation of Cladding, remaining	[Actual Work Bar]				
<b>Kiosk 006 (All)</b>						

■ Actual Work    ◆ Milestone  
■ Remaining Work  
■ Critical

**WORKS PROGRAMME, AS OF 30 NOVEMBER 2017  
VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES**

Date	Revision	Checked	Approv...
31-Oct-17	3MRP, updated as of 31 Oct. 2017	ZJ	
30-Nov-17	3MRP updated as of 30 Nov. 2017	ZJ	

Activity ID	Activity Name	2017		2018		
		Nov	Dec	Jan	Feb	Mar
K250	RC Wall & Roof	[Blue bar]				
K260	Finishing, Glass Window & Door	[Blue bar]	[Red bar]			
K270	Degree 3 Handover		◆ Degree 3 Handover			
K280	Installation of Steel Y-Junction	[Blue bar]				
K290	Installation of Cladding	[Blue bar]	[Red bar]			
<b>Kiosk 009 (All)</b>						
K300	RC Wall & Roof	[Blue bar]				
K310	Finishing, Glass Window & Door	[Blue bar]	[Red bar]			
K320	Degree 3 Handover		◆ Degree 3 Handover			
K330	Installation of Steel Y-Junction	[Blue bar]				
K340	Installation of Cladding	[Blue bar]	[Red bar]			
<b>Kiosk 010 (All)</b>						
K350	RC Wall & Roof	[Blue bar]				
K360	Finishing, Glass Window & Door	[Blue bar]	[Red bar]			
K370	Degree 3 Handover		◆ Degree 3 Handover			
K380	Installation of Steel Y-Junction	[Blue bar]				
K390	Installation of Cladding	[Blue bar]	[Red bar]			
<b>Stage 1: Traffic Lanes through Kiosk 4-2-2-4 &amp; 006, 009 &amp; 010</b>						
<b>Inbound West: Through 4 Kiosk of 027</b>						
D010	Drainage	[Blue bar]	[Red bar]			
D020	Sewerage	[Blue bar]	[Red bar]			
D030	Watermains & Flush Watering	[Blue bar]	[Red bar]			
D040	UU Ducts Laying	[Blue bar]	[Red bar]			
R010	Subbase & Bitumen Pavement	[Blue bar]	[Red bar]			
R020	Kerb/Edges	[Blue bar]	[Red bar]			
R025	U-channel	[Blue bar]	[Red bar]			
R030	Street lighting	[Blue bar]	[Red bar]			
R035	High Mast Lighting	[Blue bar]				
R040	concrete Pavement	[Blue bar]	[Red bar]			
R050	Road Marking		[Red bar]			
<b>Inbound East: Through 2 Kiosk of 028</b>						
D050	Drainage	[Blue bar]	[Red bar]			
D060	UU Ducts Laying	[Blue bar]	[Red bar]			
R060	Subbase & Bitumen Pavement	[Blue bar]	[Red bar]			
R070	Kerb/Edges	[Blue bar]	[Red bar]			
R075	U-channel	[Blue bar]	[Red bar]			
R080	Street lighting	[Blue bar]	[Red bar]			
R090	High Mast Lighting	[Blue bar]				
R100	Concrete Pavement		[Red bar]			
R110	Road Marking		[Red bar]			
<b>Outbound West: Through 2 Kiosk of 029</b>						
D110	Drainage	[Blue bar]	[Red bar]			
D120	Sewerage	[Blue bar]	[Red bar]			
D130	Watermains & Flush Watering	[Blue bar]	[Red bar]			
D140	UU Ducts Laying	[Blue bar]	[Red bar]			
R210	Subbase & Bitumen Pavement	[Blue bar]	[Red bar]			
R220	Kerb/Edges	[Blue bar]	[Red bar]			
R225	U-channel	[Blue bar]	[Red bar]			
R230	Street lighting	[Blue bar]	[Red bar]			
R235	High Mast Lighting	[Blue bar]				
R240	Concrete Pavement		[Red bar]			
R250	Road Marking		[Red bar]			

■ Actual Work    ◆ Milestone  
■ Remaining Work  
■ Critical

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Activity ID	Activity Name	2017		2018		
		Nov	Dec	Jan	Feb	Mar
R260	Security Fencing	[Actual Work]	[Remaining Work]			
<b>Outbopund East: Through 4 Kiosk of 030</b>						
D150	Drainage	[Actual Work]	[Remaining Work]			
D160	Sewerage	[Actual Work]	[Remaining Work]			
D170	UU Ducts Laying	[Actual Work]	[Remaining Work]			
R310	Subbase & Bitumen Pavement	[Actual Work]	[Remaining Work]			
R320	Kerb/Edges	[Actual Work]	[Remaining Work]			
R325	U-channel	[Actual Work]	[Remaining Work]			
R330	Street lighting	[Actual Work]	[Remaining Work]			
R335	High Mast Lighting	[Actual Work]	[Remaining Work]			
R340	Concrete Pavement		[Remaining Work]			
R350	Road Marking		[Remaining Work]			
R360	Security Fencing		[Remaining Work]			
<b>Through 2+2 Kiosks of 006, 009</b>						
D210	Drainage	[Actual Work]	[Remaining Work]			
D220	Sewerage	[Actual Work]	[Remaining Work]			
D230	Watermains & Flush Watering	[Actual Work]	[Remaining Work]			
D240	UU Ducts Laying	[Actual Work]	[Remaining Work]			
R420	Kerb/Edges	[Actual Work]	[Remaining Work]			
R425	U-channel	[Actual Work]	[Remaining Work]			
R430	Street lighting	[Actual Work]	[Remaining Work]			
R445	Concrete Pavement		[Remaining Work]			
R450	Road Marking		[Remaining Work]			
<b>Through 2 Kiosks of 010, include Portion D</b>						
D250	Drainage	[Actual Work]	[Remaining Work]			
D260	Sewerage	[Actual Work]	[Remaining Work]			
D270	Watermains & Flush Watering	[Actual Work]	[Remaining Work]			
D280	UU Ducts Laying	[Actual Work]	[Remaining Work]			
R1430	Kerb/Edges	[Actual Work]	[Remaining Work]			
R1435	U-channel	[Actual Work]	[Remaining Work]			
R1440	Street lighting	[Actual Work]	[Remaining Work]			
R1450	Bitumen Pavement		[Remaining Work]			
R1455	Concrete Pavement		[Remaining Work]			
R1460	Road Marking		[Remaining Work]			
<b>Stage 1: Internal Road around Buildings and Boundary Road</b>						
<b>Internal Road - South of CUE, West Side (026-033)</b>						
D310	Drainage	[Actual Work]	[Remaining Work]			
D320	Sewerage	[Actual Work]	[Remaining Work]			
D330	Watermains & Flush Watering	[Actual Work]	[Remaining Work]			
D340	UU (LV & ELV etc.) Ducts Laying	[Actual Work]	[Remaining Work]			
R510	Subbase & 1st RB, as TTA for Internal Road	[Actual Work]	[Remaining Work]			
R520	Kerb/Edges	[Actual Work]	[Remaining Work]			
R522	U-channel	[Actual Work]	[Remaining Work]			
R540	Street lighting	[Actual Work]	[Remaining Work]			
<b>Internal Road - South of CUE, East Side (037-054)</b>						
D350	Drainage	[Actual Work]	[Remaining Work]			
D360	Sewerage	[Actual Work]	[Remaining Work]			
D370	Watermains & Flush Watering	[Actual Work]	[Remaining Work]			
D380	UU (LV & ELV etc.) Ducts Laying	[Actual Work]	[Remaining Work]			
R470	Subbase & 1st RB, as TTA for Internal Road	[Actual Work]	[Remaining Work]			
R490	Kerb/Edges	[Actual Work]	[Remaining Work]			
R580	U-channel	[Actual Work]	[Remaining Work]			

■ Actual Work    ◆ Milestone  
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31-Oct-17	3MRP, updated as of 31 Oct. 2017	ZJ	
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Activity ID	Activity Name	2017		2018		
		Nov	Dec	Jan	Feb	Mar
R980	Street lighting	[Actual Work]	[Actual Work]			
<b>Internal Road - South of CUE, S/W Corner (049)</b>						
D450	Drainage	[Actual Work]	[Actual Work]			
D460	Sewerage	[Actual Work]	[Actual Work]			
D470	Watermains & Flush Watering	[Actual Work]	[Actual Work]			
D480	UU (LV & ELV etc.) Ducts Laying	[Actual Work]	[Actual Work]			
R1990	Subbase & 1st RB, as TTA for Internal Road		[Actual Work]			
R2010	Kerb/Edges		[Actual Work]			
R2020	U-channel		[Actual Work]			
R2990	Street lighting	[Actual Work]	[Actual Work]			
<b>Internal Road - North of CUE, West Side (023-057)</b>						
D410	Drainage	[Actual Work]	[Actual Work]			
D420	Sewerage	[Actual Work]	[Actual Work]			
D430	Watermains & Flush Watering	[Actual Work]	[Actual Work]			
D440	UU (LV & ELV etc.) Ducts Laying	[Actual Work]	[Actual Work]			
R1110	Subbase & 1st RB, as TTA for Internal Road		[Actual Work]			
R1140	Kerb/Edges		[Actual Work]			
R1150	U-channel		[Actual Work]			
R1160	Street lighting	[Actual Work]	[Actual Work]			
<b>Internal Road - North of CUE, East Side (024-031)</b>						
D500	Drainage	[Actual Work]	[Actual Work]			
D520	Sewerage	[Actual Work]	[Actual Work]			
D530	Watermains & Flush Watering	[Actual Work]	[Actual Work]			
D540	UU (LV & ELV etc.) Ducts Laying	[Actual Work]	[Actual Work]			
R1500	Subbase & 1st RB, as TTA for Internal Road		[Actual Work]			
R1510	Kerb/Edges & U-channel		[Actual Work]			
R3000	Street lighting	[Actual Work]	[Actual Work]			
<b>Stage 1: Bridges (All), include W7-W</b>						
R1280	Installation of Movement Joint	[Actual Work]				
R1290	Backfilling to Retaining Walls and Embankment	[Actual Work]	[Actual Work]			
R1300	Parapet	[Actual Work]				
R1303	Railling	[Actual Work]				
R1330	Remaining Pavement on Bridges & Retaing Walls	[Actual Work]	[Actual Work]			
R1340	Lighting, Signages & Gantry	[Actual Work]	[Actual Work]			
R2170	Road Marking		[Actual Work]			
<b>Stage 1: Boundary Road (Half Lane)</b>						
<b>North Boundary Road</b>						
D510	Drainage	[Actual Work]	[Actual Work]			
D610	UU (LV & ELV etc.) Ducts Laying	[Actual Work]	[Actual Work]			
R770	Subbase & half lane with 1st RB	[Actual Work]	[Actual Work]			
R790	Kerb/Edges	[Actual Work]	[Actual Work]			
R810	U-channel	[Actual Work]	[Actual Work]			
R910	Security Fence	[Actual Work]	[Actual Work]			
R920	Street lighting	[Actual Work]	[Actual Work]			
<b>East Boundary Road</b>						
D620	Drainage	[Actual Work]	[Actual Work]			
D630	Sewerage	[Actual Work]	[Actual Work]			
D650	UU (LV & ELV etc.) Ducts Laying	[Actual Work]	[Actual Work]			
R2090	Subbase & half lane with 1st RB	[Actual Work]	[Actual Work]			
R2100	Kerb/Edges	[Actual Work]	[Actual Work]			
R2110	U-channel	[Actual Work]	[Actual Work]			
R2890	Security Fence	[Actual Work]	[Actual Work]			

■ Actual Work    ◆ Milestone  
■ Remaining Work  
■ Critical

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31-Oct-17	3MRP, updated as of 31 Oct. 2017	ZJ	
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Activity ID	Activity Name	2017		2018		
		Nov	Dec	Jan	Feb	Mar
R3010	Street lighting	[Actual Work]	[Remaining Work]			
<b>West Boundary Road</b>						
D710	Drainage	[Actual Work]	[Remaining Work]			
D720	UU (LV & ELV etc.) Ducts Laying	[Actual Work]	[Remaining Work]			
R2120	Subbase & half lane with 1st RB	[Actual Work]	[Remaining Work]			
R2130	Kerb/Edges	[Actual Work]	[Remaining Work]			
R2140	U-channel	[Actual Work]	[Remaining Work]			
R2930	Security Fence	[Actual Work]	[Remaining Work]			
R3020	Street lighting	[Actual Work]	[Remaining Work]			
<b>South Boundary Road, include W7-W</b>						
D660	Drainage	[Actual Work]	[Remaining Work]			
D670	UU (LV & ELV etc.) Ducts Laying	[Actual Work]	[Remaining Work]			
R2900	Subbase & half lane with 1st RB	[Actual Work]	[Remaining Work]			
R2910	Kerb/Edges	[Actual Work]	[Remaining Work]			
R2920	U-channel	[Actual Work]	[Remaining Work]			
R2940	Security Fence	[Actual Work]	[Remaining Work]			
R3030	Street lighting	[Actual Work]	[Remaining Work]			
<b>Stage 1: North of CUE, North Coast Road</b>						
D730	Drainage	[Actual Work]	[Remaining Work]			
D740	Sewerage	[Actual Work]	[Remaining Work]			
D750	Watermains & Flush Watering	[Actual Work]	[Remaining Work]			
D760	UU (LV & ELV etc.) Ducts Laying	[Actual Work]	[Remaining Work]			
R2030	Subbase & 1st RB, as TTA for Internal Road	[Actual Work]	[Remaining Work]			
R2040	Kerb/Edges & U-channel	[Actual Work]	[Remaining Work]			
R2950	Security Fence	[Actual Work]	[Remaining Work]			
R3040	Street lighting	[Actual Work]	[Remaining Work]			
<b>Stage 1: Public Transport Interchange</b>						
<b>South Public Transport Interchange</b>						
D770	Drainage	[Actual Work]	[Remaining Work]			
D780	UU (LV & ELV etc.) Ducts Laying	[Actual Work]	[Remaining Work]			
R1260	Subbase & Pavement	[Actual Work]	[Remaining Work]			
R1350	Canopy for Covered Walkway	[Actual Work]	[Remaining Work]			
R3050	Street lighting	[Actual Work]	[Remaining Work]			
<b>Around Horse Track</b>						
D11560	Drainage	[Actual Work]	[Remaining Work]			
D11570	Sewerage	[Actual Work]	[Remaining Work]			
R1550	Subbase & Pavement	[Actual Work]	[Remaining Work]			
R1570	Kerb/Edges	[Actual Work]	[Remaining Work]			
R1600	U-channel	[Actual Work]	[Remaining Work]			
R2150	Street Lighting	[Actual Work]	[Remaining Work]			
R2160	Road Marking		[Remaining Work]			
R3130	Security Fence	[Actual Work]	[Remaining Work]			
<b>North Public Transport Interchange (Except SW Corner)</b>						
D810	Drainage	[Actual Work]	[Remaining Work]			
D820	UU (LV & ELV etc.) Ducts Laying	[Actual Work]	[Remaining Work]			
R1310	Subbase & Pavement	[Actual Work]	[Remaining Work]			
R1360	Canopy for Covered Walkway	[Actual Work]	[Remaining Work]			
R3060	Street lighting	[Actual Work]	[Remaining Work]			
R3090	Road Marking		[Remaining Work]			
<b>Stage 1: Carpark &amp; Taxi Queuing</b>						
<b>Carparks</b>						
D830	Drainage	[Actual Work]	[Remaining Work]			

■ Actual Work    ◆ Milestone  
■ Remaining Work  
■ Critical

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31-Oct-17	3MRP, updated as of 31 Oct. 2017	ZJ	
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Activity ID	Activity Name	2017		2018		
		Nov	Dec	Jan	Feb	Mar
D835	Sewerage	[Actual Work]	[Remaining Work]			
D840	UU (LV & ELV etc.) Ducts Laying	[Actual Work]	[Remaining Work]			
R1520	Subbase & pavement	[Actual Work]	[Remaining Work]			
R1540	Kerb/Edges	[Actual Work]	[Remaining Work]			
R1590	U-channel	[Actual Work]	[Remaining Work]			
R2960	Fencing	[Actual Work]	[Remaining Work]			
R3070	Street lighting	[Actual Work]	[Remaining Work]			
R3100	Road Marking		[Remaining Work]			
<b>South Taxi Queuing</b>						
D850	Drainage	[Actual Work]	[Remaining Work]			
D860	UU (LV & ELV etc.) Ducts Laying	[Actual Work]	[Remaining Work]			
R2050	Subbase & Pavement	[Actual Work]	[Remaining Work]			
R2070	Kerb/Edges	[Actual Work]	[Remaining Work]			
R2080	U-channel	[Actual Work]	[Remaining Work]			
R2970	Fencing	[Actual Work]	[Remaining Work]			
R3080	Street lighting	[Actual Work]	[Remaining Work]			
R3110	Road Marking		[Remaining Work]			
<b>Link Road West</b>						
D12020	Drainage	[Actual Work]	[Remaining Work]			
D12030	UU (LV & ELV etc.) Ducts Laying	[Actual Work]	[Remaining Work]			
R3370	Subbase & Pavement	[Actual Work]	[Remaining Work]			
R3390	Kerb/Edges	[Actual Work]	[Remaining Work]			
R3400	U-channel	[Actual Work]	[Remaining Work]			
R3410	Fencing	[Actual Work]	[Remaining Work]			
R3420	Street lighting	[Actual Work]	[Remaining Work]			
R3430	Road Marking		[Remaining Work]			
<b>Stage 1: Security Fencing outside Boundary Roads (Exclude E&amp;M)</b>						
D11930	Security Fence, within internal road	[Actual Work]	[Remaining Work]			
D11940	Security Fence, adjacent Kiosks	[Actual Work]	[Remaining Work]			
D11950	Security Fence, other place	[Actual Work]	[Remaining Work]			
<b>Stage 1: FSD Inspection of Buildings (Access to Users)</b>						
A00290	002 - C&ED Observation Guard Booth, Portion K No.1		[Remaining Work]			
B00290	002 - C&ED Observation Guard Booth, Portion K No. 2		[Remaining Work]			
B00294	002 - C&ED Observation Guard Booth, Portion H1 No. 1		[Remaining Work]			
B00296	002 - C&ED Observation Guard Booth, Portion H1 No. 2		[Remaining Work]			
B00298	002 - C&ED Observation Guard Booth, Portion R		[Remaining Work]			
B00610	006 - Shuttle Bus Kiosk & Staff Subway			[Milestone]		
B00910	009 - Outbound Coach Kiosk & Staff Subway			[Milestone]		
B01010	010 - Inbound Coach Kiosk & Staff Subway			[Milestone]		
C01240	012 - DOH Disinsection Area and Store , Portion A1	[Actual Work]	[Remaining Work]			
C01252	012 - DOH Disinsection Area, Portion C, FSD inspection	[Actual Work]	[Remaining Work]			
C02450	024 - Outbound Private Car Exam Building, FSD Inspection		[Remaining Work]			
C02670	026 - Inbound IMMD and DOH Secondary Screening Building	[Actual Work]	[Remaining Work]			
C02710	027 - Inbound VCP private Car Kiosks & Inbound Staff Subway			[Milestone]		
C02810	028 - Inbound GV Kiosks & Inbound Staff subway			[Milestone]		
C02910	029 - Outbound GV Kiosks & Outbound Staff subway			[Milestone]		
C03010	030 - Outbound VCP Private Kiosk & Outbound Staff Subway			[Milestone]		
C03190	031 - Outbound IMMD and DOH Secondary Screen Building		[Remaining Work]			
C03380	033 - Inbound Private Car Exam Building, FSD Inspection	[Actual Work]	[Remaining Work]			
C03460	034 - Satellite RCP South, FSD Inspection	[Actual Work]	[Remaining Work]			
C03580	035 - Sewage Pumping Station, FSD Inspection		[Remaining Work]			
C03660	036 - Weigh Station, FSD Inspection		[Remaining Work]			

█ Actual Work    ◆ Milestone  
█ Remaining Work  
█ Critical

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31-Oct-17	3MRP, updated as of 31 Oct. 2017	ZJ	
30-Nov-17	3MRP updated as of 30 Nov. 2017	ZJ	

Activity ID	Activity Name	2017		2018		
		Nov	Dec	Jan	Feb	Mar
C03780	037 C&ED Tower & Inbound Cargo Examination Building	Actual Work	Remaining Work			
C03850	038 - AFCD Office, FSD Inspection		Remaining Work			
C03990	039 - Police Main Building, FSD Inspection		Remaining Work			
D04070	040 - Incident Control Tower, FSD Inspection		Remaining Work			
D04180	041 Fire Station & Ambulance Depot, FSD Inspection	Actual Work	Remaining Work			
D04240	042 - Drill Tower, FSD Inspection	Actual Work	Remaining Work			
D04320	043 - DOH Office + Store Room, FSD Inspection	Actual Work				
D04670	046 - Refuse Collection Point, FSD Inspection		Remaining Work			
D04750	047 - Fresh Water Pumping Station, FSD Inspection	Actual Work	Remaining Work			
D04850	048 - Reclaimed Water Pumping Station, FSD Inspection		Remaining Work			
D04972	049 - Sewerage Treatment Plant, FSD Inspection		Remaining Work			
D05170	051 - Transformers (Zone 5), FSD Inspection	Actual Work				
D05240	052 - Tran forms (Zone 4), FSD Inspection	Actual Work				
D05470	054 - Inbound Fixed X-ray, FSD Inspection	Actual Work				
D05770	057 - Transformers (Zone 2), FSD Inspection	Actual Work				
D06070	060 - Single Storey Support Buildingm FSD Inspection		Remaining Work			
D06160	061 - Telecom Building, FSD Inspection		Remaining Work			
D10060	100 - Inbound Traffic Control Kiosk, FSD Inspection	Actual Work				
D10150	101 - Outbound Traffic Control Kiosk, FSD Inspection	Actual Work	Remaining Work			
D10250	102 - HKPF UVSS Monior Room, FSD inspection		Remaining Work			
D10350	103 - Police Inspection Post, Portion B, FSD inspection	Actual Work	Remaining Work			
D10400	104 - DOH Secondary Screening Station, Portion C		Remaining Work			
D10425	104 - DOH Screening Station, Portion M, FSD Inspection		Remaining Work			
D10435	104 - DOH Screening Station, Portion N, FSD Inspection		Remaining Work			
D10560	105 - IMMD Guard Booth, Portion A1, FS Inspection by FSD		Remaining Work			
D10565	105 - IMMD Guard Booth, Portion P, FSD Inspection		Remaining Work			
D10680	106 - C&ED Detention Area Guard Booth, FSD Inspection		Remaining Work			
D10784	107 - C&ED Mobile Operation Office, Portion B, FSD inspection	Actual Work	Remaining Work			
D10786	107 - C&ED Mobile X-ray Operation Office, Portion N	Actual Work	Remaining Work			
D10840	108 - C&ED Mobile X-ray Machine Operation Office, Portion C	Actual Work	Remaining Work			
D10890	108 - C&ED Mobile X-Ray Operation Office, portion M	Actual Work	Remaining Work			
D11040	110 - IMMD Guard Booth, Portion C-East, FS inspection	Actual Work	Remaining Work			
E11080	110 - IMMD Guard Booth, Portion C-West, FSD inspection	Actual Work	Remaining Work			
E11170	111 - Field Kiosk for Carpark Operator, FSD inspection		Remaining Work			
E11270	112 - Field Kiosk for Taxi Queuing Area, FSD Inspection		Remaining Work			
F11320	113 - Field Kiosk for Access Control, Portion C, FSD inspection		Remaining Work			
F11324	113 - Field Kiosk for Access Control, Portion B, FSD inspection		Remaining Work			
F11360	114 - Field Kiosk for Access Control, Portion D, FS inspection		Remaining Work			
<b>Stage 2: Traffic Lanes through Kiosk 9-5-5-9 &amp; 006, 009 &amp; 010</b>						
D550	Remaining Drainage			Remaining Work		
R1120	Remaining Subbase			Remaining Work		
<b>Inbound West: Through 5 Kiosk of 027</b>						
R1620	U-channel			Remaining Work		
R1630	Kerb/Edges			Remaining Work		
R1640	Street lighting			Remaining Work		
R1650	Bitumen Pavement			Remaining Work		
R1660	Road Marking				Remaining Work	
<b>Inbound East: Through 3 Kiosk of 028</b>						
R2180	U-channel			Remaining Work		
R2190	Kerb/Edges			Remaining Work		
R2200	Street lighting			Remaining Work		
R2210	Bitumen Pavement			Remaining Work		

■ Actual Work    ◆ Milestone  
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Activity ID	Activity Name	2017		2018		
		Nov	Dec	Jan	Feb	Mar
R2220	Road Marking				██████████	
<b>Outbound West: Through 3 Kiosk of 029</b>						
R2230	U-channel			██████████		
R2240	Kerb/Edges			██████████		
R2250	Street lighting			██████████		
R2260	Bitumen Pavement			██████████		
R2270	Road Marking				██████████	
<b>Outbound East: Through 5 Kiosk of 030</b>						
R2280	U-channel			██████████		
R2290	Kerb/Edges			██████████		
R2300	Street lighting			██████████		
R2310	Bitumen Pavement			██████████		
R2320	Road Marking				██████████	
<b>Through 2+2 Kiosks of 006, 009</b>						
R1820	U-channel			██████████		
R1830	Kerb/Edges			██████████		
R1840	Street lighting			██████████		
R1850	Bitumen Pavement			██████████		
R1860	Road Marking				██████████	
<b>Through 2 Kiosks of 010</b>						
R1870	U-channel			██████████		
R1880	Kerb/Edges			██████████		
R1890	Street lighting			██████████		
R1900	Bitumen Pavement			██████████		
R1910	Road Marking				██████████	
<b>Internal Road - South of CUE, West Side (026-033)</b>						
R2330	1st Layer RB			██████████		
<b>Internal Road - South of CUE, East Side (037-054)</b>						
R2420	1st Layer RB			██████████		
<b>Internal Road - North of CUE, West Side (023-057)</b>						
R2430	1st Layer RB			██████████		
<b>Internal Road - North of CUE, East Side (024-031)</b>						
R2440	1st Layer RB			██████████		
<b>Remaining North PTI (SW Corner)</b>						
R3140	Remaining North PTI (SW Corner)			██████████		
<b>South Boundary Road</b>						
R3150	South Boundary Road, up to WC			██████████		
<b>Landscape Works</b>						
R2620	Laying of Top Soil			██████████		
<b>Stage 3</b>						
<b>Internal Road - South of CUE, West Side (026-033)</b>						
R2450	Completion of Pavement with Street lighting & Road Marking					██████████
<b>Internal Road - South of CUE, East Side (037-054)</b>						
R2460	Completion of Pavement with Street lighting & Road Marking					██████████
<b>Internal Road - North of CUE, West Side (023-057)</b>						
R2470	Completion of Pavement with Street lighting & Road Marking					██████████
<b>Internal Road - North of CUE, East Side (024-031)</b>						
R2480	Completion of Pavement with Street lighting & Road Marking					██████████
<b>Internal Road - North of CUE, North Coast Road</b>						
R2490	Completion of Pavement with Street lighting & Road Marking					██████████
<b>North Boundary Road</b>						
R2600	Pavement with street lighting up to 1st Layer RB			██████████		

█ Actual Work    ◆ Milestone  
█ Remaining Work  
█ Critical

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Activity ID	Activity Name	2017		2018		
		Nov	Dec	Jan	Feb	Mar
<b>East Boundary Road</b>						
R2530	Pavement with street lighting up to 1st Layer RB			[Red bar]		
<b>West Boundary Road</b>						
R2610	Pavement with street lighting up to 1st Layer RB			[Red bar]		
<b>Stage 5</b>						
<b>Landscape Works</b>						
R2860	Completion of Landscape Works					[Red bar]
<b>Stage 6: Roadworks through Remaining Kiosks (027, 028, 029 &amp; 030)</b>						
<b>Inbound West: Through 12 Kiosk of 027</b>						
R2660	Kerb/Edges					[Red bar]
R2665	U-channel					[Red bar]
R2670	Street lighting					[Red bar]
R2680	Bitumen Pavement					[Red bar]
<b>Inbound East: Through 5 Kiosk of 028</b>						
R2710	Kerb/Edges					[Red bar]
R2715	U-channel					[Red bar]
R2720	Street lighting					[Red bar]
R2730	Bitumen Pavement					[Red bar]
<b>Outbound West: Through 5 Kiosk of 029</b>						
R2750	U-channel					[Red bar]
R2760	Kerb/Edges					[Red bar]
R2770	Street lighting					[Red bar]
R2780	Bitumen Pavement					[Red bar]
<b>Outbound East: Through 12 Kiosk of 030</b>						
R2800	U-channel					[Red bar]
R2810	Kerb/Edges					[Red bar]
R2820	Street lighting					[Red bar]

█ Actual Work    ◆ Milestone  
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**VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES**  
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Activity ID	Activity Name	2015			2016				2017				2018				2019		
		Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
<ul style="list-style-type: none"> <li>■ Detailed Design Specification</li> <li>■ Contruction Design and Management</li> <li>■ Supply/Manufacture Mock-up items</li> <li>■ Supply/Manufacture prototypes</li> <li>■ Software Design, Coding and Testing                             <ul style="list-style-type: none"> <li>■ Coding</li> <li>■ Software System Inetgration</li> </ul> </li> <li>■ Prototype &amp; Software Simulation Tests</li> <li>■ Procurement - Phase 1 / Section I</li> <li>■ Supply/Manufacture products for FAT</li> <li>■ Factory Acceptance Test (FAT)</li> <li>■ Supply/Manufacture Equipment</li> <li>■ Delivery and Bench Acceptance Test for Phase 1/ Section I</li> <li>■ Installation - Phase 1 / Section I                             <ul style="list-style-type: none"> <li>■ Location 1(PCB (001) Basement)                                     <ul style="list-style-type: none"> <li>■ EM1920 L1(001)B/F - Cable Laying and termination at Location 1 and Location 2</li> </ul> </li> <li>■ Location 1(PCB (001) ELV Room (Grid Line E3))                                     <ul style="list-style-type: none"> <li>■ EM1940 L1(001)ELV Rm - Cable Laying and termination at Location 1 and Location 2</li> </ul> </li> <li>■ Location 2(PCB (001) Ground Floor ELV Room (Grid Line E3))                                     <ul style="list-style-type: none"> <li>■ EM1960 L2(001)ELV Rm - Cable Laying and termination at Location 1 and Location 2</li> </ul> </li> <li>■ Location 2(PCB (001) Ground Floor DOH Port Health Control Room (Grid Line BD5))                                     <ul style="list-style-type: none"> <li>■ EM1080 L2(001)Heath Ctrl Rm - Cable Laying and termination at Location 1 and Location 2</li> <li>■ EM1100 L2(001)Heath Ctrl Rm - Cable Splicing and Testing and Labeling</li> <li>■ EM1120 L2(001)Health Ctrl Rm - Intercom and PA system Installation</li> <li>■ EM1140 L2(001)Heath Ctrl Rm - Intercom and PA system tuning</li> </ul> </li> <li>■ Location 2(PCB (001) First Floor Main Server Room)                                     <ul style="list-style-type: none"> <li>■ EM1000 L2(001)Main Server Rm - Cable Laying and termination at Location 1 and Location 2</li> <li>■ EM1020 L2(001)Main Server Rm - Cable Splicing and Testing and Labeling</li> <li>■ EM1040 L2(001)Main Server Rm - AVCSS Network and Server Installation</li> <li>■ EM1060 L2(001)Main Server Rm - AVCSS Network and Server Tuning</li> </ul> </li> <li>■ Location 3(Inbd Cargo Exam Bldg (037) MDF Room)</li> <li>■ Location 3(Inbd Cargo Exam Bldg (037) ELV Room)</li> <li>■ Location 3(Inbd Cargo Exam Bldg (037) Inspector Offices 128,129,130,131,128,129,14)                                     <ul style="list-style-type: none"> <li>■ EM2020 L3(037)Inspec Offices - Cable Laying and termination in Location 3 and Location 3a</li> <li>■ EM2040 L3(037)Inspec Offices - Cable Splicing and Testing and Labeling</li> <li>■ EM2060 L3(037)Inspec Offices - AVCSS SURCON WS and 55" LCD Installation</li> <li>■ EM2080 L3(037)Inspec Offices - VTS WS Installation</li> <li>■ EM2100 L3(037)Inspec Offices - SURCON and WS Tuning</li> </ul> </li> <li>■ Location 3(Inbd Cargo Exam Bldg (037) Platform Control Room)                                     <ul style="list-style-type: none"> <li>■ EM1160 L3(037)PLF Ctrl Rm - Cable Laying and termination in Location 3 and Location 3a</li> <li>■ EM1180 L3(037)PLF Ctrl Rm - Cable Splicing and Testing and Labeling</li> <li>■ EM1200 L3(037)PLF Ctrl Rm - AVCSS SYSCON WS and 55" TV Wall Installation</li> <li>■ EM1220 L3(037)PLF Ctrl Rm - AVCSS SYSCON WS Tuning</li> </ul> </li> </ul> </li> </ul>		<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>01-Sep-17, Installation - Phase 1 / Section I</p> <p>22-Jun-17, Location:1(PCB (001),Basement)</p> <p>L1(001)B/F - Cable Laying and termination at Location</p> <p>22-Jun-17, Location:1(PCB (001),ELV Room (Grid Line</p> <p>L1(001)ELV Rm - Cable Laying and termination at Loca</p> <p>22-Jun-17, Location:2(PCB (001),Ground Floor ELV R</p> <p>L2(001)ELV Rm - Cable Laying and termination at Loca</p> <p>18-Aug-17, Location:2(PCB (001),Ground Floor DO</p> <p>L2(001)Heath Ctrl Rm - Cable Laying and termination</p> <p>L2(001)Heath Ctrl Rm - Cable Splicing and Testing and</p> <p>L2(001)Health Ctrl Rm - Intercom and PA system In</p> <p>L2(001)Health Ctrl Rm - Intercom and PA system tu</p> <p>21-Aug-17, Location:2(PCB (001) First Floor Main</p> <p>L2(001)Main Server Rm - Cable Laying and terminatio</p> <p>L2(001)Main Server Rm - Cable Splicing and Testing</p> <p>L2(001)Main Server Rm - AVCSS Network and Ser</p> <p>L2(001)Main Server Rm - AVCSS Network and Se</p> </div> <div style="width: 45%;"> <p>07-Aug-17, Location 3(Inbd Cargo Exam Bldg (037</p> <p>L3(037)Inspec Offices - Cable Laying and termination in</p> <p>L3(037)Inspec Offices - Cable Splicing and Testing and</p> <p>L3(037)Inspec Offices - AVCSS SURCON WS and 5</p> <p>L3(037)Inspec Offices - VTS WS Installation</p> <p>L3(037)Inspec Offices - SURCON and WS Tuning</p> <p>07-Aug-17, Location 3(Inbd Cargo Exam Bldg (037</p> <p>L3(037)PLF Ctrl Rm - Cable Laying and termination in</p> <p>L3(037)PLF Ctrl Rm - Cable Splicing and Testing and</p> <p>L3(037)PLF Ctrl Rm - AVCSS SYSCON WS and 55</p> <p>L3(037)PLF Ctrl Rm - AVCSS SYSCON WS Tuning</p> </div> </div>																	

Programme No.: HZMB-DWP  
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- █ Actual Level of Effort
- █ Primary Baseline
- █ Actual Work
- █ Remaining Work
- █ Critical Remaining Work
- ◆ Baseline Milestone
- ◆ Milestone

summary

Hong Kong-Zhuhai-Macao Bridge  
Hong Kong Boundary Crossing  
Facilities - Automatic Vehicle  
Clearance Support System (AVCSS)

Date	Revision	Checked	Approved
14-Nov-16	Rev.: 0	WC	LC
10-Mar-17	Rev.: 1.0a	WC	LC
5-May-17	Rev.: 1.0b	WC	LC



Activity ID	Activity Name	2015			2016				2017				2018				2019				
		Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3		
EM1700	L12(028)(5nos P1) - AIOP Installation (5 nos)																				
EM1720	L12(028)(5nos P1) - Loop installation (25 nos)																				
<b>Outbd Goods Vehicle Kiosks(029) - 5 nos (Phase 1)</b>																					
EM1740	L12(029)(5nos P1) - Cable Containment in Kiosks																				
EM1760	L12(029)(5nos P1) - Cable Laying and termination																				
EM1780	L12(029)(5nos P1) - Cable Splicing and Testing and Labeling																				
EM1800	L12(029)(5nos P1) - AVCSS/MOM Kiosk Equipment Installation (5 nos)																				
EM1821	L12(029)(5nos P1) - XDB installation (5 nos)																				
EM1822	L12(029)(5nos P1) - ODB installation (4 nos)																				
EM1823	L12(029)(5nos P1) - ODB installation (1 nos)																				
EM1840	L12(029)(5nos P1) - AIOP Installation (5 nos)																				
<b>Location 13(Outbd Private Car Kiosks (030)) - 9 nos (Phase 1)</b>																					
EM2520	L13(030)(9nos P1) - Cable Containment in Kiosks																				
EM2540	L13(030)(9nos P1) - Cable Laying and termination																				
EM2560	L13(030)(9nos P1) - Cable Splicing and Testing and Labeling																				
EM2580	L13(030)(9nos P1) - AVCSS/MOM Kiosk Equipment Installation (9 nos)																				
EM2601	L13(030)(9nos P1) - XDB installation (9 nos)																				
EM2602	L13(030)(9nos P1) - ODB installation (7 nos)																				
<b>Location 14(Future-Outbd/Inbd Private Car Kiosks) - 6+6 nos</b>																					
EM1440	L14 - Cable Laying and termination at ELV Room in CUE																				
<b>Location 15(Inbd Traffic Control Kiosk (100))</b>																					
<b>Location 16(Outbd Traffic Control Kiosk (101))</b>																					
EM2760	L16(101) - Cable Laying and termination																				
EM2780	L16(101) - Cable Splicing and Testing and Labeling																				
EM2800	L16(101) - AVCSS SYSCON and SURCON Installation																				
EM2820	L16(101) - VTS WS and 55" LCD Installation																				
<b>Location 17(Inbd Private Car Exam Bldg(033) Operational Office)</b>																					
<b>Location 18 (Outbd Private Car Exam Bldg(024) Operational Office)</b>																					
EM2940	L18(024) - Cable Laying and termination																				
EM2960	L18(024) - Cable Splicing and Testing and Labeling																				
EM2980	L18(024) - AVCSS SURCON and 55" LCD Installation																				
EM3000	L18(024) - SURCON Tuning																				
<b>Location 19 (DOH Cargo Clearance Bldg(043))</b>																					
EM1360	L19(043) - Cable Laying and termination																				
EM1380	L19(043) - Cable Splicing and Testing and Labeling																				
EM1400	L19(043) - PA and Intercom Installation																				
EM1420	L19(043) - PA and Intercom Tuning																				
<b>Inbd Vehicle Clearance Plaza - 8 nos VID, 7 nos VTS, 4 nos TLS</b>																					
EM3020	Inbound VID cabling from pillar box to VID field equipment																				
EM3040	Inbound VTS cabling from pillar box to VTS field equipment																				
EM3060	Inbound TLS cabling from pillar box to TLS field equipment																				
EM3080	Inbound VID field equipment installation (8 VID)																				
EM3100	Inbound VTS field equipment installation (4 RFID + 3 Cameras)																				
EM3120	Inbound TLS field equipment installation (4 TLS)																				
EM3140	Inbound VID and VTS and TLS field equipment tuning																				

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summary

Hong Kong-Zhuhai-Macao Bridge  
Hong Kong Boundary Crossing  
Facilities - Automatic Vehicle  
Clearance Support System (AVCSS)

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		Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
<b>Outbd Vehicle Clearance Plaza - 8 nos VID, 6 nos VTS, 4 nos TLS</b>		<ul style="list-style-type: none"> <li>EM3160 Outbound VID cabling from pillar box to VID field equipment</li> <li>EM3180 Outbound VTS cabling from pillar box to VTS field equipment</li> <li>EM3200 Outbound TLS cabling from pillar box to TLS field equipment</li> <li>EM3220 Outbound VID field equipment installation (8 VID)</li> <li>EM3240 Outbound VTS field equipment installation (3 RFID + 3 Cameras)</li> <li>EM3260 Outbound TLS field equipment installation (4 TLS)</li> <li>EM3280 Outbound VID and VTS and TLS field equipment tuning</li> </ul>																	
<b>Underground Ducting (UUD1.1) between CUE and Inbd Cargo Exam Bldg (037)</b>		<ul style="list-style-type: none"> <li>UD1000 (UUD1.1 [CUE-037]) - Cable laying and termination</li> </ul>																	
<b>(UUD1.2) between Inbd Cargo Exam Bldg South (037[S]) and DOH Cargo Clearance Bldg (023)</b>		<ul style="list-style-type: none"> <li>UD1060 (UUD1.2 [037[S]-043]) - Cable laying and termination</li> </ul>																	
<b>Underground Ducting (UUD6) between CUE and Shuttle Bus Kiosk (006) and Inbd Private Car Exam Bldg (033)</b>		<ul style="list-style-type: none"> <li>UD1040 (UUD9.1 [037[S]-033-100]) - Cable laying and termination</li> </ul>																	
<b>(UUD9.1) btw IB Cargo Exam Bldg South(037[S]) &amp; IB PC Exam Bldg(033) &amp; IB Traffic Control Bldg (023)</b>		<ul style="list-style-type: none"> <li>UD1010 (UUD2 [037[N]-IB VCP]) - Cable laying and termination</li> </ul>																	
<b>(UUD2) between Inbd Cargo Exam Bldg North (037[N]) to Inbd VCP</b>		<ul style="list-style-type: none"> <li>UD1070 (UUD9.3 [033-IB VCP[W]]) - Cable laying and termination</li> </ul>																	
<b>(UUD9.3) between Inbd Private Car Exam Bldg (033) and Inbd Vehicle Clearance Plaza</b>		<ul style="list-style-type: none"> <li>UD1020 (UUD9.2 [033-IB VCP[E]]) - Cable laying and termination</li> </ul>																	
<b>(UUD9.2) between Inbd Private Car Exam Bldg (033) and Inbd Vehicle Clearance Plaza</b>		<ul style="list-style-type: none"> <li>UD1030 (UUD7 [CUE-023]) - Cable laying and termination</li> </ul>																	
<b>Underground Ducting (UUD7) between PCB(001) and Inbd Coach Kiosks(010)</b>		<ul style="list-style-type: none"> <li>UD1050 (UUD3.2 [023-024-101]) - Cable laying and termination</li> </ul>																	
<b>Underground Ducting (UUD3.1) between CUE and Outbd Cargo Exam Bldg (023)</b>		<ul style="list-style-type: none"> <li>UD1100 (UUD8 [CUE-032]) - Cable laying and termination</li> </ul>																	
<b>(UUD3.2) btw OB Car Exam Bldg(023) &amp; OB PC Exam Bldg(024) &amp; OB Traffic Control Bldg (023)</b>		<ul style="list-style-type: none"> <li>UD1080 (UUD4.1 [024-OB VCP]) - Cable laying and termination</li> </ul>																	
<b>Underground Ducting (UUD8) between CUE and Outbd PCA (032)</b>		<ul style="list-style-type: none"> <li>UD1090 (UUD5 [023[S]-OB VCP]) - Cable laying and termination</li> </ul>																	
<b>(UUD4.1) between Outbd PC Exam Bldg (024) and Outbd Vehicle Clearance Plaza</b>		<ul style="list-style-type: none"> <li>UD1080 (UUD4.1 [024-OB VCP]) - Cable laying and termination</li> </ul>																	
<b>(UUD5) between Outbd Car Exam Bldg (023[S]) and Outbd Vehicle Clearance Plaza</b>		<ul style="list-style-type: none"> <li>UD1090 (UUD5 [023[S]-OB VCP]) - Cable laying and termination</li> </ul>																	
<b>Initial On-Site Test and Commissioning / Pre-SAT (Phase 1 / Section I)</b>		<ul style="list-style-type: none"> <li>Site Acceptance Test (Phase 1 / Section I)</li> <li>Security Risk Assessment and Audit</li> <li>Operability Period Test (Phase 1 / Section I)</li> <li>Completion (Phase 1 /Section I)</li> <li>Training and Document (Phase 1 /Section I)</li> <li>Operation (Phase 1 /Section I)</li> <li>Engineering Support for Phase 1 / Section I</li> <li>Procurement - Phase 2 / Section II</li> <li>Delivery and Bench Acceptance Test for Phase 2/Section II</li> <li>Installation - Phase 2 / Section II</li> </ul>																	

Programme No.: HZMB-DWP Data Date: 14-Aug-15		Hong Kong-Zhuhai-Macao Bridge Hong Kong Boundary Crossing Facilities - Automatic Vehicle Clearance Support System (AVCSS)	Date	Revision	Checked	Approved
			14-Nov-16	Rev.: 0	WC	LC
			10-Mar-17	Rev.: 1.0a	WC	LC
			5-May-17	Rev.: 1.0b	WC	LC



Activity ID	Activity Name	2015			2016				2017				2018				2019		
		Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
<b>Location 8(Inbd Private Car Annex (025)) (Phase 2)</b>		▼ 30-Aug-17; Location 8(Inbd Private Car Annex (025)) (Phase 2)																	
EM3370	L8(025) - Cable Containment in Kiosks	■ L8(025) - Cable Containment in Kiosks																	
EM3380	L8(025) - Cable Laying and termination	■ L8(025) - Cable Laying and termination																	
EM3400	L8(025) - Cable Splicing and Testing and Labeling	■ L8(025) - Cable Splicing and Testing and Labeling																	
<b>Location 9(Outbd Private Car Annex (032)) (Phase 2)</b>		▼ 30-Aug-17; Location 9(Outbd Private Car Annex (032)) (Phase 2)																	
EM3500	L9(032) - Cable Containment in Kiosks	■ L9(032) - Cable Containment in Kiosks																	
EM3520	L9(032) - Cable Laying and termination	■ L9(032) - Cable Laying and termination																	
<b>Initial On-Site Test and Commissioning / Pre-SAT (Phase 2 / Section II)</b>																			
<b>Site Acceptance Test (Phase 2 / Section II)</b>																			
<b>Operability Period Test (Phase 2 / Section II)</b>																			
<b>Completion (Phase 2 / Section II)</b>																			
<b>Engineering Support for Phase 2 / Section II</b>																			
<b>Procurement for Phase2 / Section III</b>																			
<b>Delivery and Bench Acceptance Test for Phase2 / Section III</b>																			
<b>Installation - Phase 2 / Section III</b>		▼ 09-Oct-17; Installation - Phase 2 / Section III																	
<b>Location 10,11,12,13 (Vehicle Clearance Kiosks)</b>		▼ 09-Oct-17; Location 10,11,12,13 (Vehicle Clearance Kiosks)																	
<b>Location 12 Inbd Private Car Kiosks (027) - 12 nos (Phase 2)</b>		▼ 09-Oct-17; Location 12 Inbd Private Car Kiosks																	
EM4440	L12(027)(12nos P2) - Cable Laying and termination	■ L12(027)(12nos P2) - Cable Laying and termination																	
EM4460	L12(027)(12nos P2) - Cable Splicing and Testing and Labeling	■ L12(027)(12nos P2) - Cable Splicing and Testing and Labeling																	
EM4480	L12(027)(12nos P2) - AVCSS/DOH/MOM Kiosk Equipment Installation (12 nos)	■ L12(027)(12nos P2) - AVCSS/DOH/MOM Kiosk Equipment Installation (12 nos)																	
<b>Location 13 Outbd Private Car Kiosks (030) - 12 nos (Phase 2)</b>		▼ 01-Sep-17; Location 13 Outbd Private Car Kiosks																	
EM4560	L13(030)(12nos P2) - Cable Containment in Kiosks	■ L13(030)(12nos P2) - Cable Containment in Kiosks																	
<b>Location 12 Outbd Goods Vehicle Kiosks (029) - 3 nos (Phase 2)</b>		▼ 31-Aug-17; Location 12 Outbd Goods Vehicle Kiosks																	
EM4880	L12(029)(3nos P2) - Cable Laying and termination	■ L12(029)(3nos P2) - Cable Laying and termination																	
EM4900	L12(029)(3nos P2) - Cable Splicing and Testing and Labeling	■ L12(029)(3nos P2) - Cable Splicing and Testing and Labeling																	
EM4920	L12(029)(3nos P2) - AVCSS/DOH/MOM Kiosk Equipment Installation (3 nos)	■ L12(029)(3nos P2) - AVCSS/DOH/MOM Kiosk Equipment Installation (3 nos)																	
EM4940	L12(029)(3nos P2) - ODB & XDB Installation (3 nos)	■ L12(029)(3nos P2) - ODB & XDB Installation (3 nos)																	
EM4960	L12(029)(3nos P2) - AIOP Installation (3 nos)	■ L12(029)(3nos P2) - AIOP Installation (3 nos)																	
EM4980	L12(029)(3nos P2) - Loop Installation (15 nos)	■ L12(029)(3nos P2) - Loop Installation (15 nos)																	
<b>Location 11 Outbd Coach Kiosks (009) - 4 nos (Phase 2)</b>																			
<b>Location 12 Inbd Goods Vehicle Kiosks (028) - 3 nos (Phase 2)</b>		▼ 24-Aug-17; Location 12 Inbd Goods Vehicle Kiosks																	
EM4720	L12(028)(3nos P2) - Cable Laying and termination	■ L12(028)(3nos P2) - Cable Laying and termination																	
EM4740	L12(028)(3nos P2) - Cable Splicing and Testing and Labeling	■ L12(028)(3nos P2) - Cable Splicing and Testing and Labeling																	
EM4760	L12(028)(3nos P2) - AVCSS/DOH/MOM Kiosk Equipment Installation (3 nos)	■ L12(028)(3nos P2) - AVCSS/DOH/MOM Kiosk Equipment Installation (3 nos)																	
EM4780	L12(028)(3nos P2) - ODB & XDB Installation (3 nos)	■ L12(028)(3nos P2) - ODB & XDB Installation (3 nos)																	
EM4800	L12(028)(3nos P2) - AIOP Installation (3 nos)	■ L12(028)(3nos P2) - AIOP Installation (3 nos)																	
EM4820	L12(028)(3nos P2) - Loop Installation (15 nos)	■ L12(028)(3nos P2) - Loop Installation (15 nos)																	
EM4840	L12(028)(3nos P2) - Kiosk Equipment Configuration (3 nos)	■ L12(028)(3nos P2) - Kiosk Equipment Configuration (3 nos)																	
EM5120	L12(028)(3nos P2) - Inbd Goods Vehicle Kiosks Installation Complete	◆ L12(028)(3nos P2) - Inbd Goods Vehicle Kiosks Installation Complete																	
<b>Location 10 Shuttle Bus Kiosks (006) - 4 nos (Phase 2)</b>		▼ 30-Aug-17; Location 10 Shuttle Bus Kiosks (006) -																	
EM4000	L10(006)(4nos P2) - Cable Containment in Kiosks	■ L10(006)(4nos P2) - Cable Containment in Kiosks																	
<b>Location 11 Inbd Coach Kiosks (010) - 2 nos (Phase 2)-1</b>																			
<b>Location 11 Inbd Coach Kiosks (010) - 2 nos (Phase 2)-2</b>																			
<b>Initial On-Site Test and Commissioning / Pre-SAT (Phase 2 / Section III)</b>																			

Programme No.: HZMB-DWP  
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- Actual Level of Effort
- Primary Baseline
- Actual Work
- Remaining Work
- Critical Remaining Work
- Baseline Milestone
- Milestone
- summary


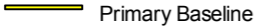
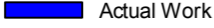

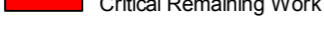


Hong Kong-Zhuhai-Macao Bridge  
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Facilities - Automatic Vehicle  
Clearance Support System (AVCSS)

Date	Revision	Checked	Approved
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Activity ID	Activity Name
	Site Acceptance Test (Phase 2 / Section III)
	Operability Period Test (Phase 2 / Section III)
	Completion (Phase 2 / Section III)
	Operation (Phase 2 / Section III)
	Defect Liability Period (DLP)
	Document Submission (Phase 2 / Section III)

2015			2016				2017				2018				2019		
Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3

Programme No.: HZMB-DWP  
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-  Actual Level of Effort
-  Primary Baseline
-  Actual Work
-  Remaining Work
-  Critical Remaining Work
-  Baseline Milestone
-  Milestone

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