

MATERIALAB CONSULTANTS LIMITED

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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 thick horizontal black bars, one above and one below the text.

Report No.: 0165/15/ED/0739

Appendix C

Construction Programme

HZMB HK Boundary Crossing Facilities - Vehicle Clearance Plazas and Ancillary Buildings and Facilities				05-Jan-17			
Activity ID	Activity Name	2016	2017				
		Dec	Jan	Feb	Mar	Apr	
HKBCF - VCP & Ancillary Buildings and Facilities, DWP Rev. 3B, DD 31 Dec. 16							
CONTRACT DATES							
Key Dates							
A1320	KD32 Achievement of Section IV(b) of the Works (646 days; 15 Jan. 17)					◆ KD32 Achievement of Section IV(b) of the Works (646 days; 15 Jan. 17)	
A1330	KD33 Achievement of Section IV(c) of the Works (646 days; 15 Jan. 17)					◆ KD33 Achievement of Section IV(c) of the Works (646 days; 15 Jan. 17)	
Site Access & Possession							
Possession of Portion of Site							
A0030	Possession of Portion B (<=100 days)					◆ Possession of Portion B (<=100 days)	
A0110	Possession of Portion J (<=320 days)					◆ Possession of Portion J (<=320 days)	
A0150	Possession of Portion N (<=345 days)					◆ Possession of Portion N (<=345 days)	
A0160	Possession of Portion P (<=502 days)					◆ Possession of Portion P (<=502 days)	
A0170	Possession of Portion Q (<=500 days)					◆ Possession of Portion Q (<=500 days)	
Access to Locations of the Site							
A0210	Contract Date for Access to Location 1.1 (490 days)					◆ Contract Date for Access to Location 1.1 (490 days)	
A0220	Contract Date for Access to Location 1.2 (405 days)					◆ Contract Date for Access to Location 1.2 (405 days)	
A0230	Contract Date for Access to Location 1.3 (488 days)					◆ Contract Date for Access to Location 1.3 (488 days)	
A0240	Contract Date for Access to Location 1.4 (488 days)					◆ Contract Date for Access to Location 1.4 (488 days)	
A0250	Contract Date for Access to Location 1.5 (580 days)					◆ Contract Date for Access to Location 1.5 (580 days)	
A0260	Contract Date for Access to Location 1.6A (700 days)					◆ Contract Date for Access to Location 1.6A (700 days)	
A0280	Contract Date for Access to Location 1.7A (610 days)					◆ Contract Date for Access to Location 1.7A (610 days)	
A0290	Contract Date for Access to Location 1.7B (610 days)					◆ Contract Date for Access to Location 1.7B (610 days)	
A0300	Contract Date for Access to Location 1.7C (610 days)					◆ Contract Date for Access to Location 1.7C (610 days)	
A0310	Contract Date for Access to Location 1.8 PCB (Basement level up to ground floor slab) (395 days)					◆ Contract Date for Access to Location 1.8 PCB (Basement level up to ground floor slab) (395 days)	
A0320	Contract Date for Access to Location 1.8 PCB (Ground Floor level or above) (515 days)					◆ Contract Date for Access to Location 1.8 PCB (Ground Floor level or above) (515 days)	
A0330	Contract Date for Access to External Area for Contract HY/2013/01 for ELV System Installation (570 days)					◆ Contract Date for Access to External Area for Contract HY/2013/01 for ELV System Installation (570 days)	
A0340	Contract Date for Access to External Area for Contract HY/2013/02 for ELV System Installation (560 days)					◆ Contract Date for Access to External Area for Contract HY/2013/02 for ELV System Installation (560 days)	
A0350	Contract Date for Access to External Area for Contract HY/2013/04 ELV System Installation (560 days)					◆ Contract Date for Access to External Area for Contract HY/2013/04 ELV System Installation (560 days)	
Section/Stage Subject to Excision							
A0770	Contract Date for Section VI (650 days, latest date when the Engineer may order)					◆ Contract Date for Section VI (650 days, latest date when the Engineer may order)	
A0780	Contract Date for Section VII (650 days, latest date when the Engineer may order)					◆ Contract Date for Section VII (650 days, latest date when the Engineer may order)	
PRELIMINARY							
Precast Yard for Bridge Segement							
A0630	Segment Manufacture						
PORTION A1							
Portion A1 Structures							
Bridge A9							
Bored Pile							
SA9120	Bored pile for A9 Bridge, 10 no.						
Pile Cap							
SA9210	Cap - A905						
SA9220	Cap - P904						
SA9230	Cap - P903						
SA9240	Cap - P902						
SA9250	Cap - A901						
Pier & Abutment							

HZMB HK Boundary Crossing Facilities - Vehicle Clearance Plazas and Ancillary Buildings and Facilities						05-Jan-17		
Activity ID		Activity Name	2016		2017			
			Dec	Jan	Feb	Mar	Apr	
	SA9310	Abutment A905						
	SA9320	Pier P904						
	SA9330	Pier P903						
	SA9340	Pier P902						
	SA9350	Abutment A901						
	Structure Deck							
	SA9400	Falsework for Deck A905 - P904						
	SA9410	Deck on A905, P904 + Stressing						
	SA9415	Falsework for Deck P904 - P903						
	Retaining Wall W8-1							
	SW8110	Construction of Retaining Wall W8-1 (U-shape, 4 bays)						
	SW8120	Backfilling W8-1						
	Retaining Wall W9-1							
	SW9110	Construction of Retaining Wall W9-1 (U-shape, 4 bays)						
	SW9120	Backfilling W9-1						
	Box Culvert D							
	Box Culvert D Construction							
	SD0170	Box Culvert D Construction (Stage 4, Bay 19 - 21 & 24 - 32)						
	SD0180	Box Culvert D Backfilling						
	047 - Fresh Water Pumping Station, Portion A1 & A2							
	A04750	Pump House Construction						
	049 - Sewage Treatment Plant, Portion A1 & A2							
	A04950	Sheet Piling as ELS1 for Equalization Tanks						
	A04960	Sheet Piling as ELS2 for Sludge Holding Tanks						
	B04960	ELS1 + Blinding for Equalization Tanks + Wet Well & Inlet Chamber						
	B04970	Constructing Base Slab for Equalization Tanks + Wet Well & Inlet Chamber						
	B04980	Backfilling + Removing 3rd Strut of ELS1						
	B04990	Constructing Wall Stem for Equalization Tanks						
	C04910	Water-tightness Test for Equalization Tanks						
	C04920	Backfilling + Removal of ELS1						
	C04940	Constructing Base Slab of Sludge Holding Tanks						
	C04950	Backfilling + Removal Strut of ELS2						
	C04960	Constructing Wall Stem of Sludge Holding Tanks						
	C04970	Water-tightness Test for Sludge Holding Tanks						
	C04990	Backfilling + Removal of ELS2						
	D04920	Constructing Base Slab for MBR Tanks						
	D04930	Constructing Wall Stem for MBR Tanks						
	D04940	Water-tightness Test for MBR Tanks						
	D04950	Backfilling + Removal of ELS3						
	D04960	Constructing Ground Slab for Transformer Room						
D04970	Transformer Room Construction							
D04980	BS + E&M for Transformer Room to CLP (KD7)							
D04990	Other Ground Slab Construction							
Portion A1 Buildings								
012 - DOH Disinsection Area and Store Room 1, at Portion A1								
A01250	Finishing							
A01260	BS for Office Accommodation (Stage 8) (Degree 2)							
A01270	BS + E&M for Office Accommodation (Stage 9) (Degree 3)							
A01280	Other BS + E&M Installation							
Test & Commission								

Actual Work

 Remaining Work

Critical

Milestone

THREE MONTH ROLLING PROGRAMME

VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES

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Date	Revision	Checked	Approved
31-Oct-16	3MRP updated as of 30 Oct. 2016	ZJ	
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HZMB HK Boundary Crossing Facilities - Vehicle Clearance Plazas and Ancillary Buildings and Facilities						05-Jan-17							
Activity ID		Activity Name		2016		2017							
				Dec		Jan		Feb		Mar		Apr	
	C01210	Submission & Issue of WW046 I, II, III (Inside Services & FS)											
036 - Weigh Station													
A03650	Ceiling/Wall Plaster & Painting												
A03660	Floor Screed												
A03665	External Wall Plaster & Tile												
A03670	BS for Office Accomodation (Stage 8)												
A03680	BS + E&M for Office Accommodation (Stage 9)												
A03690	Other BS + E&M Installation												
037 C&ED Tower Cum Inbound Cargo Examination Building (Portion A1 & B)													
A03740	Steel Frame Structure Installation												
A03742A	Mock-up Sample for Curtain Wall												
A03742B	Mock-up Sample for Cladding												
A03742C	Mock-up Sample for Mesh Screen Wall (SS41) & Balustrade												
A03742E	Mock-up Sample for Toilet Counter Top (WF24)												
A03744	Curtain Wall/Metal Roof/Aluminium Cladding Installation												
A03746	Blockwall Laying												
A03748	Wall/Ceiling Plastering/Tiling												
A03752	Floor Screed/Tiling												
A03756	Window/Door Frame Installation												
A03760	BS + E&M for AVCSS Cabling (KD18A)												
A03770	BS + E&M for AVCSS Cabling (KD18B)												
A03780	BS for Office Accomodation (KD9)												
A03785	BS for Office Accomodation (KD10)												
A03790	Other BS + E&M Installation												
Test & Commission													
B03790	Beam Plus Monthly Submission & Issue												
041 Fire Station Cum Ambulance Depot													
A04120	Superstructure, G/F to 1/F												
A04122	Superstructure, 1/F to 2/F (incl. parapet wall and planter wall)												
A04126	Cladding & Curtain Wall Installation (incl. steel & metal works)												
A04132	Blockworks												
A04133	Ceiling & Wall Plastering/Wall Tiling												
A04134	Floor Screeding/Tiling/Vinyl Tiles												
A04135	Ceiling/Wall Painting												
A04136	Carpentry (Door, Fabric Wall Panel, Movable/Folding Partition)												
A04137	False Ceiling Installation												
A04140	BS for Office Accomodation (Stage 8)												
A04160	Other BS + E&M Installation												
Test & Commission													
B04120	Submission & Issue of WW046 I, II, III (Inside Services & FS)												
042 Drill Tower													
A04260	Finishing												
A04270	BS for Office Accomodation (Stage 8)												
A04280	BS + E&M for Office Accomodation (Stage 9)												
A04290	Other BS + E&M Installation												
Test & Commission													
B04220	T&C for BS Pumps												
043 DOH Office + Store Room													
A04330	Superstructure												
A04340	Water Tanks for F.S./Sprinkler Pump Room												

Actual Work

Remaining Work

Critical

Milestone

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VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES

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Activity ID		Activity Name	2016	2017				
			Dec	Jan	Feb	Mar	Apr	
	A04370	Cladding & Curtain Wall Installation (incl. steel & metal works)						
	A04380	BS for Office Accomodation (Stage 8)						
	B04310	Other BS + E&M Installation						
	B04330	Stainless Steel Mesh Installation						
	B04340	Metal Windows/Louvres/Doors/Railing etc. installation						
	B04350	Blockworks						
	B04360	Wall Plastering/Tiling						
	C04310	C/S Wall Plastering						
	052 - Transforms (Zone 4)							
A05235	Energisation by CLP							
A05250	Ceiling/Wall Painting Finish & Floor Screed							
A05260	External Wall Plaster & Wall (KD10)							
A05270	Main Switch/L.V. Switch Board Installation							
A05280	Genset Installation							
T&C and Statutory Inspection								
B05210	T&C for BS & Pumps							
B05220	DG application						◆ DG application	
B05240	EPD Generator Set Emission Application							
B05270	Non-Essential T&C (Non-FSI)							
B05280	OP Application & TPIDC Inspection							
Completion of Fire Services Installation and Equipment (FCD)								
C05210	Approved Building Plans			◆ Approved Building Plans				
105 IMMD Guard Booth, Portion A1 (Mock Up)								
B10500	Shop Drawings & Material Submission							
B10510	Excavation + Blinding							
B10520	Substructure (Raft Foundation)							
B10530	On Grade Ground Slab							
Facade Envelop Structure Installation								
B10580	Shop Drawing Submission and Approval							
B10590	Fabrication of F/C System							
External Works for Portion A1								
Drainage Works								
ED0020	Drainage Works (773m & 34MHs), Stage 1 (Western)							
ED5590	Drainage Works (774m & 35MHs), Stage 2 (Middle)							
ED5600	Sewerage (300m & 9MHs), Stage 2 (Middle)							
Waterpipe Laying								
EW5010	Fresh Water Main Laying (700 m), Stage 1 (Western)							
EW6010	Flushing Water Main Laying (322 m), Stage 1 (Western)							
EW6020	Fresh Water Main Laying (700 m), Stage 2 (Middle)							
EW6030	Flushing Water Main Laying (322 m), Stage 2 (Middle)							
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting								
EU5260	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV							
EU5270	Duct & Cable Laying for TCSS & Lighting							
PORTION A2								
Portion A2 Structures								
046 - Refuse Collection Point, Portion A2								
A04610	Raft Foundation							
A04620	Superstruncture w/2 water tank							
Test & Commission								
B04620	Submission & Issue of WW046 I, II, III (Inside Services & FS)							
<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 4 of 18		Date	Revision		Checked	Approved
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Activity ID	Activity Name	2016	2017			
		Dec	Jan	Feb	Mar	Apr
048 - Reclaimed Water Pumping Station, Portion A2						
A04830	Sheet Piling as ELS for Basement 1					
A04840	Pile testing					
A04850	Excavation + Blinding for Basement 1					
A04860	Basement 1 Construction					
A04865	Water-tightness Test for Basement 1					
A04867	Backfilling + Removal of ELS					
A04870	Basement 2 Construction					
A04880	Water-tightness Test for Basement 2					
Retaining Wall W9-2						
SW9210	Construction of Retaining Wall W9-2 (U-shape, 6 bay)					
External Works for Portion A2						
Drainage Works						
ED2280	Drainage Works (114m & 8MHs), Stage 1 (Eastern)					
ED3560	Sewerage (161m & 5MHs), Stage 1 (Eastern)					
PORTION B						
Portion B Structures						
Retaining Wall W7-2						
S70870	Construction of Retaining Wall W7-2 (L-shape, 1 bays)					
S70890	Retaining Wall W7-2 Backfilling					
Retaining Wall W6-1						
S62050	Construction of Retaining Wall W6-1 (L-shape, 4 bays)					
S62060	Retaining Wall W6-1 Backfilling					
Bay 4 - 19 of CUE/Staff Subway						
C02760	Internal Finishes & Cable Containment (KD1)					
C02770	BS + E&M Installation for AVCSS (Stage 1)					
C02780	Allow Access to C1 for Chilled Water Pipe (CUE) installation					
Bay 20 - 24 of CUE/Staff Subway						
C02820	Bay 20 - 24 Construction - Base Slab					
C02830	Bay 20 - 24 Construction - Wall + Top Slab					
C02840	Internal Finishes & Cable Containment (KD1)					
C02850	BS + E&M Installation for AVCSS (Stage 1)					
Bay 25 - 29 of CUE/Staff Subway						
C02920	Bay 25 - 29 Construction - Base Slab					
C02930	Bay 25 - 29 Construction - Wall + Top Slab					
C02960	Internal Finishes & Cable Containment (KD1)					
C02970	BS + E&M Installation for AVCSS (KD1)					
Portion B Buildings						
027/028 Inbound Kiosks & 029 Outbound Kiosks						
A02710	Pre-fabrication for the Steel Kiosks					
A02715	Mock up for Steel Kiosks					
A02718	Mock up for Goods Vehicle Canopy					
A02720	Superstructure					
A02730	Construction of Subway Entrance					
A02750	Finishing					
A02780	BS + E&M for AVCSS Works (KD18A)					
A02790	BS + E&M for AVCSS Cabling (KD18B)					
B02720	Other BS + E&M Installation					
027/028 Inbound Kiosks & 029 Outbound Kiosks, Section IX, Subject to Excision						

Actual Work

Remaining Work

Critical

Milestone

THREE MONTH ROLLING PROGRAMME

VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES

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Date

Revision

Checked

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Activity ID	Activity Name	2016	2017				
		Dec	Jan	Feb	Mar	Apr	
	B02740	Pre-fabrication for the Steel Kiosks					
	B02750	Superstructure					
	B02760	BS + E&M for AVCSS Works (KD18C)					
026 Inbound IMMD and DOH Secondary Screening Building							
A02630	Superstructure						
A02640	Finishing						
A02650	Contractor's Design Submission for SS Mesh Screen & Approval						
A02660	Contractor's Design Submission for Aluminium Cladding & Approval						
A02670	BS for Office Accomodation (Stage 8)						
A02690	Other BS + E&M Installation						
Test & Commission							
B02620	Submission & Issue of WW046 I, II, III (Inside Services & FS)						
054 Inbound Fixed X-ray Building							
A05460	Finishing						
A05467	Energisation by CLP						
A05470	BS for Office Accomodation (Stage 8)						
A05480	BS + E&M for Office Accomodation (Stage 9)						
A05490	Other BS + E&M Installation						
B05410	Lift Installation						
Completion of Fire Services Installation and Equipment (FCD)							
F05440	Approved Building Plans						
Waterworks Ordinance (WSD)							
G05410	Approval Letter and approved Drawings						
038 AFCD Office							
A03830	Superstructure; G/F to 1/F						
A03840	Superstructure; 1/F to 2/F (incl. parapet and planter wall)						
A03850	Finishing + Curtain Wall Installation						
A03870	BS for Office Accomodation (Stage 8)						
A03890	Other BS + E&M Installation						
Test & Commission							
B03830	Submission & Issue of WW046 I, II, III (Inside Services & FS)						
B03880	Form 314 & 501 submission						
C03810	DG application						
C03820	Form 2 Submission						
039 Police Main Building							
A03930	Superstructure; G/F to 1/F						
A03935	Superstructure; 1/F to 2/F (incl. parapet and planter wall)						
Test & Commission							
B03950	Beam Plus Monthly Submission & Issue						
040 Incident Control Tower							
A04040	Superstructure						
A04050	Finishing (KD9)						
A04060	BS for Office Accomodation (Stage 8), & for TCSS works (KD14)						
Facade Cladding System							
B04010	Shop Drawing Submission and Approval						
B04020	Fabrication of F/C System						
Glass Wall							
C04010	Shop Drawing Submission and Approval						
C04020	Fabrication of Glass Wall						
C04030	Casted-in Items Installation						

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Activity ID		Activity Name	2016	2017			
			Dec	Jan	Feb	Mar	Apr
102 HKPF UVSS Monitor Room							
A10220	Superstructure						
A10230	Finishing (False Ceiling) (KD9)						
A10240	BS for Office Accomodation (Stage 8)						
A10270	Other BS + E&M Installation						
Metal Canopy and Roof Installation							
B10210	Shop Drawing Submission and Approval						
B10212	Fabrication of MC/R						
B10220	Casted-in Items Installation						
103 Police Inspection Post							
A10330	Raft Foundation						
A10340	Superstructure (Roof Slabs)						
A10350	Finishing (False Ceiling) (KD9)						
A10360	BS for Office Accomodation (Stage 8)						
A10380	Other BS + E&M Installation						
C10320	WWO 46 Part I, II, III Submission (inside Service + FS)						
HPL Composite Panel Cladding System							
B10310	Shop Drawing Submission and Approval						
B10320	Fabrication of HPL Cladding						
057 Transformers (Zone 2)							
A05730	Superstruncture						
A05740	Finishing						
A05750	BS + E&M for Tx Room to CLP (Stage 4)						
A05760	BS for Office Accomodation (Stage 8)						
A05770	BS + E&M for Office Accomodation (Stage 9)						
A05780	Other BS + E&M Installation						
Completion of Fire Services Installation and Equipment (FCD)							
F05740	Provision of Approved Building Plans by the Engineer						
DG License & EPD Generator Approval							
G05710	Approval Letter and approved Drawings						
107 - C&ED Mobile X-ray Operation Office (Cargo), Portion B							
C10720	Raft Foundation						
C10730	Superstructure (Roof Slabs)						
C10740	Finishing						
C10750	BS for Office Accomodation (Stage 8)						
C10770	Other BS + E&M Installation						
113 - Field Kiosk for Access Control, Portion B							
B11320	Raft Foundation						
B11330	Superstructure (Roof Beams & Slabs)						
B11340	Finishing						
B11350	BS for Office Accomodation (Stage 8)						
201 - Inbound Cargo Mobile X-ray Operation Area							
ER5740	Radiation Screen Wall Construction						
ER5850	Construction of the Area and Access to the Interface Contractor						
205 - Inbound Private Car Mobile X-ray Operation Area							
ER5750	Radiation Screen Wall Construction						
ER5860	Construction of the Area and Access to the Interface Contractor						
External Works for Portion B							
Drainage Works							
ED5650	Drainage Works (1130m & 60MHs), Stage 2						

Actual Work

Remaining Work

Critical

Milestone

THREE MONTH ROLLING PROGRAMME

VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES

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Activity ID		Activity Name	2016	2017				
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	ED5660	Sewerage (300m & 8MHs), Stage 2						
	ED5670	Drainage Works (1130m & 60MHs), Stage 3 (N/W)						
	ED5680	Sewerage (300m & 8MHs), Stage 3 (N/W)						
	ED5690	Drainage Works (1130m & 60MHs), Stage 4 (N/E)						
	ED5700	Sewerage (300m &82MHs), Stage 4 (N/E)						
	Waterpipe Laying							
	EW1550	Fresh Water Main Laying (472m), Stage 1 (S/W)						
	EW1560	Flushing Water Main Laying (460m), Stage 1 (S/W)						
	EW6080	Fresh Water Main Laying (500m), Stage 2 (S/E)						
	EW6090	Flushing Water Main Laying (460m), Stage 2 (S/E)						
	Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting							
	EU5300	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV						
	EU5310	Duct & Cable Laying for TCSS & Lighting						
	EU5630	Access date to Telephone Companies						
	Roadworks							
	ER1640	Subbase (10000 ton), Stage 1 (N/W)						
	ER3590	Bitumen Pavement (14000 ton), Stage 1 (N/W)						
	ER3600	Rigid Pavement (594 m3), Footpath & EVA, Stage 1 (N/W)						
	ER5590	Subbase (11000 ton), Stage 2 (N/E)						
	ER5600	Bitumen Pavement (15000 ton), Stage 2 (N/E)						
	ER5610	Rigid Pavement (594 m3), Footpath & EVA, Stage 2 (N/E)						
	Sign Gantry ADS 306A & ADS 306B							
	ES5240	Fabrication & Delivery of Sign Gantrys to Site						
	PORTION C							
	Portion C Buildings							
009 - Staff Subway Entrance (Bay 0 - 3) & Shuttle Bus Kiosks								
A00940	Finishing							
A00950	BS + E&M for AVCSS works (KD 1)							
A00960	AllowAccess to C1 for Chilled Water Pipe Installation (CUE)							
B00910	Substructure and Staircase Construction (Portion B&C)							
B00920	Kiosk Superstructure							
104 - DOH Secondary Screening Station, at Portion C								
Facade Cladding System								
A10460	Shop Drawing Submission and Approval							
A10465	Fabrication of F/C System							
110 IMMD Guard Booth (Type 2) East								
Facade Envelop Structure Installation								
A11040	Shop Drawing Submission and Approval							
A11045	Fabrication of F/C System							
111 Field Kiosk for Carpark Operator								
HPL Composite Panel Cladding System								
B11110	Shop Drawing Submission and Approval							
B11120	Fabrication of HPL Cladding							
External Works for Portion C								
Works in Location 1.2, 1.8 & 011 - Emergency Generator Building								
BB1440	Works & T&C in Location 1.2							
BB1450	Works & T&C in Location 1.8							
BB1460	ELV System Installation for Contract HY/2013/01							
PORTION D								

Actual Work

Remaining Work

Critical

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Checked

Approved

31-Oct-16

3MRP updated as of 30 Oct. 2016

ZJ

30-Nov-16

3MRP updated as of 30 Nov. 2016

ZJ

31-Dec-16

3MRP updated as of 31 Dec. 2016

ZJ

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Activity ID		Activity Name		2016		2017			
				Dec		Jan	Feb	Mar	Apr
Portion D Building									
113 - Field Kiosk for Access Control, Portion D									
C11360		Raft Foundation							
C11370		Superstructure (Roof Beams & Slabs)							
C11380		Finishing							
D11340		BS for Office Accomodation (Stage 8)							
External Works for Portion D									
Drainage Works									
SG3640		Drainage Works (361m & 14MHs)							
SG3760		Sewerage (121m & 6MHs)							
Waterpipe Laying									
SW3650		Fresh Water Main Laying (108m)							
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting									
SU5340		Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV							
SU5350		Duct & Cable Laying for TCSS & Lighting							
SU5640		Access dates to Telephone Companies							
Works of Car Park Management System at Location 1.5, 1.6A & 1.6B									
SR5540		Works & T&C for Car Park Management System at Location 1.5							
Roadworks									
SR3740		Subbase (261 ton)							
PORTION E									
006 - Shuttle Bus Kiosk & Staff Subway Entrance, at Portion E & M									
A00610		ELS + Blinding for Subway							
A00620		Constructing base of Subway							
A00630		Constructing wall stem + top slab of Subway							
A00640		Backfilling							
External Works for Portion E									
Drainage Works									
SG3780		Drainage Works (99m & 5MHs)							
SG3900		Sewerage (38m & 1 MH)							
Waterpipe Laying									
SW3790		Fresh Water Main Laying (45m)							
SW3800		Flushing Water Main Laying (25m)							
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting									
SU5360		Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV							
SU5370		Duct & Cable Laying for TCSS & Lighting							
PORTION G, H1 & H2									
Portion G Structures									
Box Culvert C									
Steel H Pile									
SC0280		Box C - 54 nos. of driven H pile, Stage 3							
Box Culvert Structure									
SC0310		Box C - Branch Construction							
SC0320		Box C - Branch Backfilling							
SC0380		Box C - Construction of Main Body							
Bridge A1									
Pier & Abutment									
SA1310		Abutment A106							

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Activity ID		Activity Name		2016		2017							
				Dec		Jan		Feb		Mar		Apr	
Structure Deck													
SA1480		Deck on P104, P105 + Stressing											
SA1490		Falsework for Deck P105,A106											
SA1510		Deck on P105,A106 + Stressing											
Bridge A3													
Pile Cap													
SA3220		Cap - P304a/b											
SA3250		Cap - A305											
Pier & Abutment													
SA3320		Pier P304a, P304b											
SA3330		Abutment A305											
Structure Deck													
SA3420		Deck on P301 - P302 + Stressing											
SA3430		Falsework for Deck P302 - P303											
SA3440		Deck on P302 - P303 + Stressing											
SA3450		Falsework for Deck P303 - P304a/P304b											
SA3460		Deck on P303, P304a/P304b + Stressing											
Bridge A4													
Pile Cap													
SA4210		Cap - P401											
SA4220		Cap - P402											
Pier & Abutment													
SA4310		Pier P401											
SA4320		Pier P402											
Structure Deck													
SA4410		Falsework for Deck P502b, P401											
SA4420		Deck on P502b, P401 + Stressing											
SA4430		Falsework for Deck P401, P402											
SA4450		Falsework for Deck P304b, P402											
SA4460		Deck on P304b, P401, P402 + Stressing											
Bridge A5													
Pile Cap													
SA5250		Cap - A501											
SA5260		Cap - P502a/b											
Pier & Abutment													
SA5330		Pier P503											
SA5360		Pier P502a/b											
SA5370		AbutmentA501											
Structure Deck													
SA5410		Falsework for Deck P504 - P505											
SA5420		Deck on P504, P505 + Stressing											
SA5430		Falsework for Deck P503 - P504											
SA5440		Deck on P503, P504, + Stressing											
SA5450		Falsework for Deck P505 - P506											
SA5460		Deck on P505, P506 + Stressing											
SA5470		Falsework for Deck P502a, P502b, P503											
SA5480		Deck on P502a, P502b & P503 + Stressing											
SA5510		Falsework for Deck P506 - P507											
SA5520		Deck on P506 & P507 + Stressing											
Bridge A6													

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Remaining Work

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Structure Deck													
SA6460		Deck on P603, P604 + Stressing											
SA6470		Falsework for Deck P604, P605											
SA6480		Deck on P604, P605 + Stressing											
SA6490		Falsework for Deck P605, P606											
SA6510		Deck on P605, P606 + Stressing											
SA6520		Falsework for Deck P606 - A607											
Bridge A7a, A7b, A7c													
Pile Cap													
SA7370		Cap for P703											
Pier & Abutment													
SA7560		Pier P702											
SA7570		Pier P703											
SA7580		Abutment A701											
Structure Deck													
SA7730		Falsework for Deck P705 - P706											
SA7740		Deck on P705 & P706 (Bridge A7a) + Stressing											
SA7750		Falsework for Deck P704, P705											
SA7770		Deck on P704 & P705 (Bridge A7a) + Stressing											
SA7780		Falsework for Deck P703, P704											
SA7790		Deck on P703, P704 (Bridge A7a) + Stressing											
SA7810		Falsework for Deck P702, P703											
SA7820		Deck on P702, P703 (Bridge A7 a) + Stressing											
SA7830		Falsework for Deck A701, P702											
SA7850		Falsework for Deck P707, P708 (A7c)											
SA7860		Deck on P707, P708 (Bridge A7c) + Stressing											
SA7870		Falsework for Deck P708 - P709 (A7c)											
SA7880		Deck on P708 & P709 (Bridge A7c) + Stressing											
SA7890		Falsework for Deck P709, P710 (A7c)											
SA7910		Deck on P709, P710 (Bridge A7c) + Stressing											
SA7920		Falsework for Deck P710 - A711 (A7c)											
SA7930		Deck on P710 & A711 (Bridge A7c) + Stressing											
SA7940		Parapet for Bridge A7b (8 pour) & E&M Works											
Bridge A8													
Pier & Abutment													
SA8310		Abutment A804											
Structure Deck													
SA8410		Falsework for Deck P801, P802											
SA8420		Deck on P801, P802 + Stressing											
SA8430		Falsework for Deck P802, P803											
SA8440		Deck on P802, P803 + Stressing											
SA8450		Falsework for Deck P803, A804											
SA8460		Deck on P803, A804 + Stressing											
Retaining Walls W1-1, W3-1, W5-1 & W7-1													
Retaining Wall W1-1													
SW1110		Construction of Retaining Wall W1-1 (L-shape, 4 bays)											
SW1120		Retaining Wall W1-1 Backfilling											
Retaining Wall W3-1													
SW3130		Bored Pile for W3-1, 16 Nr.											
SW3140		Pile Testing for W3-1											
<div><div><div></div><div>Actual Work</div></div><div><div></div><div>Remaining Work</div></div><div><div></div><div>Critical</div></div><div><div></div><div>Milestone</div></div></div> <div><div>THREE MONTH ROLLING PROGRAMME</div><div>VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES</div><div>Page 11 of 18</div></div> <div><div><div>Date</div><div>Revision</div><div>Checked</div><div>Approved</div></div><div><div>31-Oct-16</div><div>3MRP updated as of 30 Oct. 2016</div><div>ZJ</div><div></div></div><div><div>30-Nov-16</div><div>3MRP updated as of 30 Nov. 2016</div><div>ZJ</div><div></div></div><div><div>31-Dec-16</div><div>3MRP updated as of 31 Dec. 2016</div><div>ZJ</div><div></div></div></div>													

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	SW3150	Construction of Retaining Wall W3-1 (U-shape, 4 bays)											
	Retaining Wall W5-1												
	SW5010	Construction of Retaining Wall W5-1 (L-shape, 5 bays)											
	Portion G Buildings												
	033 Inbound Private Car Exam Building												
	A03360	External Works											
	A03370	BS for Office Accomodation (Stage 8)											
	A03380	BS + E&M for Office Accomodation (Stage 9)											
	A03390	Other BS + E&M Installation											
	C03310	Submission & Issue of WW046 I, II, III (Inside Services & FS)											
	Glass Canopy Installation												
	B03300	Shop Drawing Submission and Approval											
	B03305	Fabrication of Glass Canopy											
	B03350	Casted-in Items Installation											
	Aluminium Metal Canopy												
	B03310	Shop Drawing Submission and Approval											
	B03315	Fabrication of F/C System											
	B03320	Casted-in Items Installation											
	034 Satellite RCP South												
	A03450	Finishing											
	A03460	BS for Office Accomodation (Stage 8)											
	A03470	BS + E&M for Office Accomodation (Stage 9)											
	A03480	Other BS + E&M Installation											
	S S Facade Greenery System												
	B03410	Shop Drawing Submission for Approval											
	B03415	Fabrication of SS F/G System											
	B03420	Casted-in Items Installation											
	035 - Sewage Pumping Station, Portion G												
	A03570	Constructing of Base Slab of Wet Well											
	A03580	Constructing of Wall Stem of Wet Well											
	A03590	Water-tightness Test for Wet Wells											
	B03510	Backfilling + Removal of ELS											
	B03520	ELS + Blinding for Basement Basement											
	B03530	Constructing Base Slab of Basement											
	051 Transformers (Zone 5)												
	A05150	Finishing											
	A05165	Energisation by CLP											
	A05170	BS for Office Accommodations (KD9)											
	A05180	BS + E&M for Office Accommodation (KD10)											
	A05190	Other BS + E & M Installation											
	Completion of Fire Services Installation and Equipment (FCD)												
	F05140	Approved Building Plans											
	100 Inbound Traffic Control Kiosk												
	A10050	Finishing											
	A10070	BS + E&M for AVCSS Works (KD18A)											
	B10060	BS + E&M for AVCSS Cabling (KD18B)											
	B10070	BS for Office Accommodations (KD9)											
	HPL Composite Panel Cladding System												
	B10010	Shop Drawing Submission and Approval											
	B10015	Fabrication of F/C System											

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			Dec	Jan	Feb	Mar	Apr
112 Field Kiosk for Taxi Queuing Area							
A11230	Structure						
A11240	Finishing						
A11250	BS + E & M Installation						
A11260	T&C for BS & Pumps SWT						
A11280	OP Application & TPIDC Inspection						
External Works for Portion G, H1 & H2							
ELV Works within Portion H2 in the Hong Kong Side PTI							
EU1550	ELV Works within Portion H2 in the Hong Kong Side PTI (KD19)						
Works within Portion H1 & H2 except the ELV Works in the Hong Kong Side PTI							
EU1560	Drainage & Sewerage Works within Portion H1 & H2 in the Hong Kong Side PTI (KD20)						
All Works within the Boundary defined in Drawing No. 60191048/C3/000/C00/1050							
BEU1570	Drainage & Sewerage Works (incl. CLP) within the Boundary defined in Drawing No. 60191048/C3/000/1050						
Sign Gantry DS40, DS41 & DS75							
ES0020	Sign Gantry DS40 Pre-bored H Piling, 12 Nr.						
ES0040	Sign Gantry DS41 Driven Piling 4 Nr.						
ES0080	Testing for Pre-bored H Piling						
ES0180	Fabrication & Delivery of Sign Gantrys to Site						
Canopy and Covered Walkway							
CC1310	Shop drawing, Approved & Fabrication						
CC1320	Footing						
CC1330	Steel Frame Installation						
PORTION J							
Portion J Structure							
Bay 30 - 41 of CUE/Staff Subway (Portion J)							
B03040	Bay 30 - 33 Construction - Base Slab						
B03050	Bay 30 - 33 Construction - Wall + Top Slab						
B03220	Bay 34 - 39 Construction - Base Slab						
B03230	Bay 34 - 39 Construction - Wall + Top Slab, Staircase						
B03240	Bay 40 - 41 Construction - Base Slab						
B03250	Bay 40 - 41 Construction - Wall + Top Slab, Staircase						
B03260	Internal Finishes & Cable Containment (KD2)						
B03270	BS + E&M Installation for ACVSS (Stage 2) (KD2)						
030 Outbound Private Car & GV Kiosks							
A03020	Pre-fabrication for the Steel Kiosks						
A03030	Superstructure (Incl. Entrance & Toilet)						
030 Outbound Kiosks, Section IX, Subject to Excision							
C03020	Pre-fabrication for the Steel Kiosks						
C03030	Superstructure						
Portion J Buildings							
024 Outbound Private Car Exam Building							
A02400	Excavation + Blinding (PL Test)						
A02410	Raft Foundation						
A02420	Superstructure						
Glass Canopy Installation							
B02410	Shop Drawing Submission and Approval						
B02415	Fabrication of F/C System						
Aluminium Metal Canopy							

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ZJ

30-Nov-16

3MRP updated as of 30 Nov. 2016

ZJ

31-Dec-16

3MRP updated as of 31 Dec. 2016

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Activity ID	Activity Name	2016	2017			
		Dec	Jan	Feb	Mar	Apr
B02450	Shop Drawing Submission and Approval					
B02455	Fabrication of F/C System					
031 Outbound IMMD and DOH Secondary Screen Building						
A03110	Raft Foundation					
A03140	Superstructure					
A03150	Finishing (KD31)					
A03160	BS for Office Accommodations (KD18F)					
A03180	Other BS + E & M Installation (KD31)					
Test & Commission						
C03120	Submission & Issue of WW046 I, II, III (Inside Services & FS)					
060 - Single Storey Support Building Associated with Buildings 044 & 045						
A06000	Excavation + Blinding (+ PL Test)					
A06010	Raft Foundation (Traper)					
A06020	Superstructure (Traper) Construction					
A06040	Excavation + Blinding (Strip part)					
A06045	Raft Foundation (Strip part)					
Waterworks Ordinance (WSD)						
G06020	Submission of WWO46 - Part I & II (Inside Services)					
061 Telecom Building						
A06120	Excavation + Blinding					
A06130	Raft Foundation					
A06140	Superstructure					
A06150	Finishing (KD9)					
A06160	BS for Office Accommodations (KD9)					
Aluminium Metal Canopy						
B06110	Shop Drawing Submission and Approval					
B06115	Fabrication of Aluminium Cladding					
101 Outbound Traffic Control Kiosk						
A10100	Excavation + Blinding					
A10110	Raft Foundation					
A10130	Superstructure (Roof Beams & Slabs)					
A10140	Finishing					
A10150	BS + E&M for AVCSS Works (KD18A)					
A10160	BS + E&M for AVCSS Cabling (KD18B)					
A10170	BS for Office Accommodations (KD9)					
A10190	Other BS + E & M Installation					
C10110	Submission of WWO46 - Part I & II (Inside Services)					
HPL Composite Panel Cladding System						
B10110	Shop Drawing Submission and Approval					
B10120	Fabrication of HPL Cladding					
206 - Outbound Private Car Mobile X-ray Operation Area						
ER5780	Radiation Screen Wall Construction					
External Works for Portion J						
Drainage Works						
ED4220	Drainage Works (1700m & 86MHs), Stage 1 (Northern)					
ED4340	Sewerage (425m & 11MHs), Stage 1 (Northern)					
ED5710	Drainage Works (1697m & 85MHs), Stage 2 (Southern)					
ED5720	Sewerage (425m & 12MHs), Stage 2 (Southern)					
Waterpipe Laying						
EW4230	Fresh Water Main Laying (770m), Stage 1 (Northern)					

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EW4240	Flushing Water Main Laying (431m), Stage 1 (Northern)					
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting						
EU5420	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV					
EU5430	Duct & Cable Laying for TCSS & Lighting					
Roadworks						
ER4320	Subbase (15400 ton), Stage 1 (Northern)					
ER4350	Bitumen Pavement (20000 ton), Stage 1 (Northern)					
ER4360	Rigid Pavement (173 m3), Footpath & EVA, Stage 1 (Northern)					
Sign Gantry DS104						
ES0140	Sign Gantry DS104 P-bored Piling, 8 Nr.					
ES5130	Testing for P-bored Piles					
ES5140	Submission and approval for Sign Gantry					
ES5150	Fabrication & Delivery of Sign Gantrys to Site					
PORTION K, L, M, S & T						
Portion K Building						
002 - C&ED Observation Guard Booth No. 1, Portion K						
A00210	Excavation + Blinding					
A00220	Raft Foundation					
A00230	Superstructure					
002 - C&ED Observation Guard Booth No. 2, Portion K						
B00210	Excavation + Blinding					
B00220	Raft Foundation					
B00230	Superstructure					
Portion M Buildings						
108 - C&ED Mobile X-ray Operation Office, Portion M						
B10800	Excavation + Blinding					
B10810	Substructure (raft Foundation)					
B10840	Superstructure (Roof beams & Slabs)					
B10850	Finishing					
B10860	BS for Office Accommodations (KD9)					
HPL Composite Panel Cladding System						
C10810	Shop Drawing Submission and Approval					
C10820	Fabrication of HPL Cladding					
104 DOH Screening Station, at Portion M						
C10400	Excavation + Blinding					
C10430	Structure (Raft Foundation)					
C10440	Finishing					
C10450	BS for Office Accommodations (KD9)					
C10470	Other BS + E & M Installation					
Facade Envelop Structure Installation						
D10450	Shop Drawing Submission and Approval					
D10455	Fabrication of F/C System					
203 - Outbound Coach/Shuttle Bus Exam Area & Mobile X-ray Operation Area						
ER5770	Radiation Screen Wall Construction					
External Works						
Additional Works (Filling & RE Slope), SA1						
ED3120	Approval of RE Slope by GEO/AECOM					
ED3210	C1 Contractor to Completed cooling mains at east Portion (Stage1)					
ED3220	Removal of Access & Form another Temp. Access for Cooling Main					

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Activity ID		Activity Name	2016		2017			
			Dec	Jan	Feb	Mar	Apr	
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HZMB HK Boundary Crossing Facilities - Vehicle Clearance Plazas and Ancillary Buildings and Facilities						05-Jan-17							
Activity ID		Activity Name		2016		2017							
				Dec		Jan		Feb		Mar		Apr	
202 - Outbound Cargo Mobile X-ray Opeartion Area													
ER5790		Radiation Screen Wall Construction											
External Works for Portion N													
Drainage Works													
AS0150		Initial Survey											
ED4620		Drainage Works (964m & 56MHs), Stage 1 (Southern)											
ED4650		Sewerage (383m & 12MHs), Stage 1 (Southern)											
Waterpipe Laying													
EW4530		Fresh Water Main Laying (641m)											
EW4540		Flushing Water Main Laying (413m)											
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting													
EU5460		Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV											
EU5470		Duct & Cable Laying for TCSS & Lighting											
PORTION P													
Portion Structure													
Retaining Wall RW1													
RW1110		Construction of Retaining Wall RW1 (U-shape, 5 bays)											
Portion P Buildings													
105 IMMD Guard Booth, Portion P													
A10510		Excavation + Blinding											
A10520		Substructure (Raft Foundation)											
A10530		On Grade Ground Slab											
A10540		Finishing											
E10500		BS for Office Accommodations (KD9)											
E10510		BS + E&M for Office Accommodation (KD10)											
E10520		Other BS + E & M Installation											
Facade Envelop Structure Installation													
A10560		Shop Drawing Submission and Approval											
A10565		Fabrication of F/C System											
External Works for Portion P													
Drainage Works													
AS0160		Initial Survey											
ED4670		Drainage Works (2957m & 128MHs)											
ED4790		Sewerage (269m & 7MHs)											
Waterpipe Laying													
EW4680		Fresh Water Main Laying (1270m)											
EW4690		Flushing Water Main Laying (455m)											
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting													
EU5640		Access dates to Telephone Companies											
Roadworks													
ER4770		Subbase (16519 ton)											
ER4800		Bitumen Pavement (23958 ton)											
ER4810		Rigid Pavement (220 m3), Footpath & EVA											
PORTION Q													
External Works for Portion Q													
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting													
ED5570		Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV											
ED5580		Duct & Cable Laying for TCSS & Lighting											

Actual Work

Remaining Work

Critical

Milestone

THREE MONTH ROLLING PROGRAMME

VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES

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Date	Revision	Checked	Approved
31-Oct-16	3MRP updated as of 30 Oct. 2016	ZJ	
30-Nov-16	3MRP updated as of 30 Nov. 2016	ZJ	
31-Dec-16	3MRP updated as of 31 Dec. 2016	ZJ	

HZMB HK Boundary Crossing Facilities - Vehicle Clearance Plazas and Ancillary Buildings and Facilities				01-Feb-17																					
Activity ID		Activity Name		2017																					
				Jan	Feb	Mar	Apr	May																	
HKBCF - VCP & Ancillary Buildings and Facilities, DWP Rev. 3B, DD 31 Jan. 17																									
CONTRACT DATES																									
Key Dates																									
A1010	KD1 Achievement of Stage 1 of the Works (364.5 days; 08 Apr. 16 EOT 1)							◆ KD1 Act																	
A1050	KD5 Achievement of Stage 4 of the Works (370 days; 13 Apr. 16)			◆ KD5 Achievement of Stage 4 of the Works (370 days; 13 Apr. 16)																					
A1070	KD7 Achievement of Stage 6 of the Works (500.5 days; 22 Aug. 16 EOT 1)					◆ KD7 Achievement of Stage 6 of the Works (500.5 d																			
A1320	KD32 Achievement of Section IV(b) of the Works (646 days; 15 Jan. 17)			◆ KD32 Achievement of Section IV(b) of the Works (646 days; 15 Jan. 17)																					
A1330	KD33 Achievement of Section IV(c) of the Works (646 days; 15 Jan. 17)			◆ KD33 Achievement of Section IV(c) of the Works (646 days; 15 Jan. 17)																					
Site Access & Possession																									
Possession of Portion of Site																									
A0030	Possession of Portion B (<=100 days)			◆ Possession of Portion B (<=100 days)																					
A0040	Possession of Portion C (<=100 days)						◆ Possession of Portion C (<=100 days)																		
A0070	Possession of Portion F (<=220 days)						◆ Possession of Portion F (<=220 days)																		
A0110	Possession of Portion J (<=320 days)				◆ Possession of Portion J (<=320 days)																				
A0150	Possession of Portion N (<=345 days)				◆ Possession of Portion N (<=345 days)																				
A0160	Possession of Portion P (<=502 days)				◆ Possession of Portion P (<=502 days)																				
A0170	Possession of Portion Q (<=500 days)				◆ Possession of Portion Q (<=500 days)																				
A0180	Possession of Portion R (<=610 days)						◆ Possession of Portion R (<=610 days)																		
Access to Locations of the Site																									
A0210	Contract Date for Access to Location 1.1 (490 days)				◆ Contract Date for Access to Location 1.1 (490 days)																				
A0220	Contract Date for Access to Location 1.2 (405 days)				◆ Contract Date for Access to Location 1.2 (405 days)																				
A0230	Contract Date for Access to Location 1.3 (488 days)				◆ Contract Date for Access to Location 1.3 (488 days)																				
A0240	Contract Date for Access to Location 1.4 (488 days)				◆ Contract Date for Access to Location 1.4 (488 days)																				
A0250	Contract Date for Access to Location 1.5 (580 days)				◆ Contract Date for Access to Location 1.5 (580 days)																				
A0260	Contract Date for Access to Location 1.6A (700 days)					◆ Contract Date for Access to Location 1.6A (700 days)																			
A0280	Contract Date for Access to Location 1.7A (610 days)				◆ Contract Date for Access to Location 1.7A (610 days)																				
A0290	Contract Date for Access to Location 1.7B (610 days)				◆ Contract Date for Access to Location 1.7B (610 days)																				
A0300	Contract Date for Access to Location 1.7C (610 days)				◆ Contract Date for Access to Location 1.7C (610 days)																				
A0310	Contract Date for Access to Location 1.8 PCB (Basement level up to ground floor slab) (395 days)				◆ Contract Date for Access to Location 1.8 PCB (Basement level up to ground floor slab) (395 days)																				
A0320	Contract Date for Access to Location 1.8 PCB (Ground Floor level or above) (515 days)				◆ Contract Date for Access to Location 1.8 PCB (Ground Floor level or above) (515 days)																				
A0330	Contract Date for Access to External Area for Contract HY/2013/01 for ELV System Installation (570 days)				◆ Contract Date for Access to External Area for Contract HY/2013/01 for ELV System Installation (570 days)																				
A0340	Contract Date for Access to External Area for Contract HY/2013/02 for ELV System Installation (560 days)				◆ Contract Date for Access to External Area for Contract HY/2013/02 for ELV System Installation (560 days)																				
A0350	Contract Date for Access to External Area for Contract HY/2013/04 ELV System Installation (560 days)				◆ Contract Date for Access to External Area for Contract HY/2013/04 ELV System Installation (560 days)																				
Section/Stage Subject to Excision																									
A0770	Contract Date for Section VI (650 days, latest date when the Engineer may order)			◆ Contract Date for Section VI (650 days, latest date when the Engineer may order)																					
A0780	Contract Date for Section VII (650 days, latest date when the Engineer may order)			◆ Contract Date for Section VII (650 days, latest date when the Engineer may order)																					
PRELIMINARY																									
Precast Yard for Bridge Segement																									
A0630	Segment Manufacture																								
PORTION A1																									
Portion A1 Structures																									
Bridge A9																									
Pile Cap																									
SA9230	Cap - P903																								
SA9240	Cap - P902																								
Pier & Abutment																									
<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 20				<table><tr><th>Date</th><th>Revision</th><th>Checked</th><th>Approved</th></tr><tr><td>30-Nov-16</td><td>3MRP updated as of 30 Nov. 2016</td><td>ZJ</td><td></td></tr><tr><td>31-Dec-16</td><td>3MRP updated as of 31 Dec. 2016</td><td>ZJ</td><td></td></tr><tr><td>01-Feb-17</td><td>3MRP updated as of 31 Jan. 2017</td><td>ZJ</td><td></td></tr></table>		Date	Revision	Checked	Approved	30-Nov-16	3MRP updated as of 30 Nov. 2016	ZJ		31-Dec-16	3MRP updated as of 31 Dec. 2016	ZJ		01-Feb-17	3MRP updated as of 31 Jan. 2017	ZJ	
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HZMB HK Boundary Crossing Facilities - Vehicle Clearance Plazas and Ancillary Buildings and Facilities						01-Feb-17				
Activity ID		Activity Name		2017						
				Jan	Feb	Mar	Apr	May		
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HZMB HK Boundary Crossing Facilities - Vehicle Clearance Plazas and Ancillary Buildings and Facilities		01-Feb-17				
Activity ID	Activity Name	2017				
		Jan	Feb	Mar	Apr	May
Portion A1 Buildings						
012 - DOH Disinsection Area and Store Room 1, at Portion A1						
A01250	Finishing					
A01260	BS for Office Accommodation (Stage 8) (Degree 2)					
A01270	BS + E&M for Office Accommodation (Stage 9) (Degree 3)					
A01280	Other BS + E&M Installation					
Test & Commission						
C01210	Submission & Issue of WW046 I, II, III (Inside Services & FS)					
036 - Weigh Station						
A03650	Ceiling/Wall Plaster & Painting					
A03660	Floor Screed					
A03665	External Wall Plaster & Tile					
A03670	BS for Office Accomodation (Stage 8)					
A03680	BS + E&M for Office Accommodation (Stage 9)					
A03690	Other BS + E&M Installation					
037 C&ED Tower Cum Inbound Cargo Examination Building (Portion A1 & B)						
A03740	Steel Frame Structure Installation					
A03742A	Mock-up Sample for Curtain Wall					
A03742B	Mock-up Sample for Cladding					
A03742C	Mock-up Sample for Mesh Screen Wall (SS41) & Balustrade					
A03744	Curtain Wall/Metal Roof/Aluminium Cladding Installation					
A03748	Wall/Ceiling Plastering/Tiling					
A03752	Floor Screed/Tiling					
A03756	Window/Door Frame Installation					
A03758	Paint Finish					
A03760	BS + E&M for AVCSS Cabling (KD18A)					
A03770	BS + E&M for AVCSS Cabling (KD18B)					
A03780	BS for Office Accomodation (KD9)					
A03785	BS for Office Accomodation (KD10)					
A03790	Other BS + E&M Installation					
Test & Commission						
B03730	Submission & Issue of WW046 IV, V (Inside Services & FS)					
B03770	WSD Inspection					
B03790	Beam Plus Monthly Submission & Issue					
041 Fire Station Cum Ambulance Depot						
A04120	Superstructure, G/F to 1/F					
A04122	Superstructure, 1/F to 2/F (incl. parapet wall and planter wall)					
A04126	Cladding & Curtain Wall Installation (incl. steel & metal works)					
A04132	Blockworks					
A04133	Ceiling & Wall Plastering/Wall Tiling					
A04134	Floor Screeding/Tiling/Vinyl Tiles					
A04135	Ceiling/Wall Painting					
A04136	Carpentry (Door, Fabric Wall Panel, Movable/Folding Partition)					
A04137	False Ceiling Installation					
A04140	BS for Office Accomodation (Stage 8)					
A04160	Other BS + E&M Installation					
Test & Commission						
B04120	Submission & Issue of WW046 I, II, III (Inside Services & FS)					
B04160	DG application					
042 Drill Tower						

Actual Work

Remaining Work

Critical

Milestone

THREE MONTH ROLLING PROGRAMME

VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES

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Date	Revision	Checked	Approved
30-Nov-16	3MRP updated as of 30 Nov. 2016	ZJ	
31-Dec-16	3MRP updated as of 31 Dec. 2016	ZJ	
01-Feb-17	3MRP updated as of 31 Jan. 2017	ZJ	

HZMB HK Boundary Crossing Facilities - Vehicle Clearance Plazas and Ancillary Buildings and Facilities							01-Feb-17	
Activity ID		Activity Name		2017				
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	A04260	Finishing						
	A04270	BS for Office Accomodation (Stage 8)						
	A04280	BS + E&M for Office Accomodation (Stage 9)						
	A04290	Other BS + E&M Installation						
Test & Commission								
	B04220	T&C for BS Pumps						
043 DOH Office + Store Room								
	A04330	Superstructure						
	A04340	Water Tanks for F.S./Sprinkler Pump Room						
	A04370	Cladding & Curtain Wall Installation (incl. steel & metal works)						
	A04380	BS for Office Accomodation (Stage 8)						
	A04390	BS + E&M for Office Accomodation (Stage 9)						
	B04310	Other BS + E&M Installation						
	B04320	Mock Up For Green Wall (SS39)						
	B04330	Stainless Steel Mesh Installation						
	B04340	Metal Windows/Louvres/Doors/Railing etc. installation						
	B04350	Blockworks						
	B04360	Wall Plastering/Tiling						
	B04370	Floor Screeding/Tiling						
	B04380	False Ceiling Installation & Painting						
	B04390	Carpentry (Wooden Doors/Partition/Lockers/Etc.)						
	C04310	C/S Wall Plastering						
Test & Commission								
	C04360	Form 2 Submission						◆ Form 2 Subm
	C04380	DG application						◆ DG applicatio
052 - Transforms (Zone 4)								
	A05235	Energisation by CLP						
	A05250	Ceiling/Wall Painting Finish & FloorScreed						
	A05260	External Wall Plaster & Wall (KD10)						
	A05270	Main Switch/L.V. Switch Board Installation						
	A05280	Genset Installation						
T&C and Statutory Inspection								
	B05210	T&C for BS & Pumps						
	B05220	DG application						
	B05270	Non-Essential T&C (Non-FSI)						
	B05280	OP Application & TPIDC Inspection						
Completion of Fire Services Installation and Equipment (FCD)								
	C05210	Approved Building Plans						◆ Approved Building Plans
105 IMMD Guard Booth, Portion A1 (Mock Up)								
	B10500	Shop Drawings & Material Submission						
	B10510	Excavation + Blinding						
	B10520	Substructure (Raft Foundation)						
	B10530	On Grade Ground Slab						
Facade Envelop Structure Installation								
	B10580	Shop Drawing Submission and Approval						
	B10590	Fabrication of F/C System						
External Works for Portion A1								
Drainage Works								
	ED0020	Drainage Works (773m & 34MHs), Stage 1 (Western)						
	ED5590	Drainage Works (774m & 35MHs), Stage 2 (Middle)						

HZMB HK Boundary Crossing Facilities - Vehicle Clearance Plazas and Ancillary Buildings and Facilities					01-Feb-17				
Activity ID		Activity Name		2017					
				Jan	Feb	Mar	Apr	May	
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HZMB HK Boundary Crossing Facilities - Vehicle Clearance Plazas and Ancillary Buildings and Facilities						01-Feb-17											
Activity ID		Activity Name		2017													
				Jan			Feb			Mar			Apr			May	
Bay 4 - 19 of CUE/Staff Subway																	
C02760	Internal Finishes & Cable Containment (KD1)																
C02770	BS + E&M Installation for AVCSS (Stage 1)																
C02780	Allow Access to C1 for Chilled Water Pipe (CUE) installation															◆ Allow Access	
Bay 20 - 24 of CUE/Staff Subway																	
C02830	Bay 20 - 24 Construction - Wall + Top Slab																
C02840	Internal Finishes & Cable Containment (KD1)																
C02850	BS + E&M Installation for AVCSS (Stage 1)																
C02860	Allow Access to C1 for Chilled Water Pipe (CUE) installation															◆ Allow Access	
Bay 25 - 29 of CUE/Staff Subway																	
C02920	Bay 25 -29 Construction - Base Slab																
C02930	Bay 25 - 29 Construction - Wall + Top Slab																
C02960	Internal Finishes & Cable Containment (KD1)																
C02970	BS + E&M Installation for AVCSS (KD1)																
C02980	Allow Access to C1 for Chilled Water Pipe (CUE) installation															◆ Allow Access	
Portion B Buildings																	
027/028 Inbound Kiosks & 029 Outbound Kiosks																	
A02710	Pre-fabrication for the Steel Kiosks																
A02715	Mock up for Steel Kiosks																
A02718	Mock up for Goods Vehicle Canopy																
A02720	Superstructure																
A02780	BS + E&M for AVCSS Works (KD18A)																
027/028 Inbound Kiosks & 029 Outbound Kiosks, Section IX, Subject to Excision																	
B02740	Pre-fabrication for the Steel Kiosks																
B02750	Superstructure																
B02760	BS + E&M for AVCSS Works (KD18C)																
026 Inbound IMMD and DOH Secondary Screening Building																	
A02640	Finishing																
A02650	Contractor's Design Submission for SS Mesh Screen & Approval																
A02660	Contractor's Design Submission for Aluminium Cladding & Approval																
A02670	BS for Office Accomodation (Stage 8)																
A02680	BS + E&M for Office Accomodation (Stage 9)																
A02690	Other BS + E&M Installation																
Test & Commission																	
B02620	Submission & Issue of WW046 I, II, III (Inside Services & FS)																
B02650	TC for BS & Pumps																
B02680	Form 2 Submission															◆ Form 2 Submission	
054 Inbound Fixed X-ray Building																	
A05460	Finishing																
A05467	Energisation by CLP																
A05470	BS for Office Accomodation (Stage 8)																
A05480	BS + E&M for Office Accomodation (Stage 9)																
B05410	Lift Installation																
T&C and Statutory Inspection for Zone 4a																	
B05420	T&C for BS & Pumps																
B05450	DG Application																
Completion of Fire Services Installation and Equipment (FCD)																	
F05440	Approved Building Plans															◆ Approved Building Plans	
Waterworks Ordinance (WSD)																	

HZMB HK Boundary Crossing Facilities - Vehicle Clearance Plazas and Ancillary Buildings and Facilities			01-Feb-17					
Activity ID		Activity Name	2017					
			Jan	Feb	Mar	Apr	May	
	G05410	Approval Letter and approved Drawings	◆ Approval Letter and approved Drawings					
038 AFCD Office								
A03830	Superstructure; G/F to 1/F							
A03840	Superstructure; 1/F to 2/F (incl. parapet and planter wall)							
A03850	Finishing + Curtain Wall Installation							
A03870	BS for Office Accomodation (Stage 8)							
A03880	BS + E&M for Office Accomodation (Stage 9)							
A03890	Other BS + E&M Installation							
Test & Commission								
B03810	T&C for BS & Pumps							
B03830	Submission & Issue of WW046 I, II, III (Inside Services & FS)							
C03820	Form 2 Submission		◆ Form 2 Submission					
039 Police Main Building								
A03930	Superstructure; G/F to 1/F							
A03935	Superstructure; 1/F to 2/F (incl. parapet and planter wall)							
Test & Commission								
B03950	Beam Plus Monthly Submission & Issue							
C03910	DG application							
040 Incident Control Tower								
A04040	Superstructure							
A04050	Finishing (KD9)							
A04060	BS for Office Accomodation (Stage 8), & for TCSS works (KD14)							
Facade Cladding System								
B04010	Shop Drawing Submission and Approval							
B04020	Fabrication of F/C System							
B04030	Casted-in Items Installation							
Glass Wall								
C04010	Shop Drawing Submission and Approval							
C04020	Fabrication of Glass Wall							
C04030	Casted-in Items Installation							
102 HKPF UVSS Monitor Room								
A10220	Superstructure							
A10230	Finishing (False Ceiling) (KD9)							
A10240	BS for Office Accomodation (Stage 8)							
A10270	Other BS + E&M Installation							
C10240	FSI Form 314 & 501 Submission		◆ FSI Form 314 & 501 Submission					
Metal Canopy and Roof Installation								
B10210	Shop Drawing Submission and Approval							
B10212	Fabrication of MC/R							
B10220	Casted-in Items Installation							
103 Police Inspection Post								
A10330	Raft Foundation							
A10340	Superstructure (Roof Slabs)							
A10350	Finishing (False Ceiling) (KD9)							
A10360	BS for Office Accomodation (Stage 8)							
A10380	Other BS + E&M Installation							
C10320	WWO 46 Part I, II, III Submission (inside Service + FS)		◆ WWO 46 Part I, II, III Submission (inside Service + FS)					
HPL Composite Panel Cladding System								
B10310	Shop Drawing Submission and Approval							

Actual Work

Remaining Work

Critical

◆ ◆ Milestone

THREE MONTH ROLLING PROGRAMME

VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES

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Date	Revision	Checked	Approved
30-Nov-16	3MRP updated as of 30 Nov. 2016	ZJ	
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HZMB HK Boundary Crossing Facilities - Vehicle Clearance Plazas and Ancillary Buildings and Facilities						01-Feb-17						
Activity ID		Activity Name		2017								
				Jan	Feb	Mar	Apr	May				
	EW1550	Fresh Water Main Laying (472m), Stage 1 (S/W)										
	EW1560	Flushing Water Main Laying (460m), Stage 1 (S/W)										
	EW6080	Fresh Water Main Laying (500m), Stage 2 (S/E)										
	EW6090	Flushing Water Main Laying (460m), Stage 2 (S/E)										
	EW6100	Fresh Water Main Laying (500m), Stage 3 (N/W)										
	EW6110	Flushing Water Main Laying (460m), Stage 3 (N/W)										
	Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting											
	EU5300	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV										
	EU5310	Duct & Cable Laying for TCSS & Lighting										
	EU5630	Access date to Telephone Companies				◆ Access date to Telephone Companies						
	Roadworks											
	ER1640	Subbase (10000 ton), Stage 1 (N/W)										
	ER3590	Bitumen Pavement (14000 ton), Stage 1 (N/W)										
	ER3600	Rigid Pavement (594 m3), Footpath & EVA, Stage 1 (N/W)										
	ER5590	Subbase (11000 ton), Stage 2 (N/E)										
	Sign Gantry ADS 306A & ADS 306B											
	ES5240	Fabrication & Delivery of Sign Gantrys to Site										
	PORTION C											
	Portion C Buildings											
	010 - Inbound Coach Kiosk & Staff Subway Entrance											
	A01010	Substructure and Staircase Construction										
	009 - Staff Subway Entrance (Bay 0 - 3) & Shuttle Bus Kiosks											
	A00940	Finishing										
	A00950	BS + E&M for AVCSS works (KD 1)										
	A00960	Allow Access to C1 for Chilled Water Pipe Installation (CUE)				◆ Allow Access to C1 for Chilled Water Pipe Installation (CUE)						
	B00920	Kiosk superstructure										
	012 - DOH Disinsection Area and Store Room 1, at Portion C											
	B01210	Excavation & Blinding										
	B01220	Raft Foundation										
	104 - DOH Secondary Screening Station, at Portion C											
	Facade Cladding System											
	A10460	Shop Drawing Submission and Approval										
	A10465	Fabrication of F/C System										
108 C&ED Mobile X-ray Machine Operation Office, Portion C												
A10805	Excavation & Blinding											
A10810	Raft Foundation											
HPL Composite Panel Cladding System												
A10800	Shop Drawing Submission and Approval											
110 IMMD Guard Booth (Type 2) East												
A11020	Excavation & Blinding											
A11030	Substructure											
Facade Envelop Structure Installation												
A11040	Shop Drawing Submission and Approval											
A11045	Fabrication of F/C System											
111 Field Kiosk for Carpark Operator												
A11120	Excavation & Blinding											
A11130	Raft Foundation											
HPL Composite Panel Cladding System												
B11110	Shop Drawing Submission and Approval											

Actual Work

Remaining Work

Critical

◆

 Milestone

THREE MONTH ROLLING PROGRAMME

VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES

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HZMB HK Boundary Crossing Facilities - Vehicle Clearance Plazas and Ancillary Buildings and Facilities			01-Feb-17				
Activity ID	Activity Name		2017				
			Jan	Feb	Mar	Apr	May
SW3790	Fresh Water Main Laying (45m)						
SW3800	Flushing Water Main Laying (25m)						
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting							
SU5360	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV						
SU5370	Duct & Cable Laying for TCSS & Lighting						
PORTION F							
External Works for Portion F							
Drainage Works							
B00070	Initial Survey						
SG3930	Drainage Works (122m & 9MHs)						
SG4050	Sewerage (70m & 3MHs)						
PORTION G, H1 & H2							
Portion G Structures							
Box Culvert C							
Box Culvert Structure							
SC0310	Box C - Branch Construction						
SC0320	Box C - Branch Backfilling						
SC0380	Box C - Construction of Main Body						
Bridge A1							
Pier & Abutment							
SA1310	Abutment A106						
Structure Deck							
SA1450	Falsework for Deck P101, P102						
SA1460	Deck on P101, P102 + Stressing						
SA1480	Deck on P104, P105 + Stressing						
SA1490	Falsework for Deck P105, A106						
SA1510	Deck on P105, A106 + Stressing						
Bridge A2							
Structure Deck							
SA2450	Falsework for Deck P201 - P202						
SA2460	Deck on P201 & P202 + Stressing						
Bridge A3							
Pier & Abutment							
SA3330	Abutment A305						
Structure Deck							
SA3440	Deck on P302 - P303 + Stressing						
SA3450	Falsework for Deck P303 - P304a/P304b						
SA3460	Deck on P303, P304a/P304b + Stressing						
SA3470	Falsework for Deck P304a - A305						
Bridge A4							
Pile Cap							
SA4210	Cap - P401						
SA4220	Cap - P402						
Pier & Abutment							
SA4310	Pier P401						
SA4320	Pier P402						
Structure Deck							
SA4410	Falsework for Deck P502b, P401						

Actual Work

Remaining Work

Critical

Milestone

THREE MONTH ROLLING PROGRAMME

VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES

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30-Nov-16	3MRP updated as of 30 Nov. 2016	ZJ	
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HZMB HK Boundary Crossing Facilities - Vehicle Clearance Plazas and Ancillary Buildings and Facilities										01-Feb-17	
Activity ID		Activity Name		2017							
				Jan	Feb	Mar	Apr	May			
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HZMB HK Boundary Crossing Facilities - Vehicle Clearance Plazas and Ancillary Buildings and Facilities										01-Feb-17					
Activity ID		Activity Name		2017											
				Jan		Feb		Mar		Apr		May			
	SA7940	Parapet for Bridge A7b (8 pour) & E&M Works													
	SA7950	Parapet for Bridge A7c (38 pour) & E&M Works													
Bridge A8															
Pier & Abutment															
	SA8310	Abutment A804													
Structure Deck															
	SA8420	Deck on P801, P802 + Stressing													
	SA8440	Deck on P802, P803 + Stressing													
	SA8450	Falsework for Deck P803, P804													
	SA8460	Deck on P803, A804 + Stressing													
Retaining Walls W1-1, W3-1, W5-1 & W7-1															
Retaining Wall W1 -1															
	SW1110	Construction of Retaining Wall W1-1 (L-shape, 4 bays)													
	SW1120	Retaining Wall W1 -1 Backfilling													
Retaining Wall W3-1															
	SW3140	Pile Testing for W3-1													
	SW3150	Construction of Retaining Wall W3-1 (U-shape, 4 bays)													
Retaining Wall W5-1															
	SW5010	Construction of Retaining Wall W5-1 (L-shape, 5 bays)													
Retaining Wall W7-1															
	SW7110	Construction of Retaining Wall W7-1 (U-shape, 4 bays)													
Portion G Buildings															
002 - C&ED Observation Guard Booth No. 1, Portion H1															
	C00220	Excavation + Blinding													
	C00230	Raft Foundation													
002 - C&ED Observation Guard Booth No. 2, Portion H1															
	E00210	Excavation + Blinding													
	E00220	Raft Foundation													
033 Inbound Private Car Exam Building															
	A03330	Finishing													
	A03360	External Works													
	A03370	BS for Office Accomodation (Stage 8)													
	A03380	BS + E&M for Office Accomodation (Stage 9)													
	A03390	Other BS + E&M Installation													
	C03310	Submission & Issue of WW046 I, II, III (Inside Services & FS)													
Glass Canopy Installation															
	B03300	Shop Drawing Submission and Approval													
	B03305	Fabrication of Glass Canopy													
	B03350	Casted-in Items Installation													
	B03360	Steel Frame Installation													
Aluminium Metal Canopy															
	B03315	Fabrication of F/C System													
	B03320	Casted-in Items Installation													
	B03330	Steel Frame Installation													
034 Satellite RCP South															
	A03450	Finishing													
	A03460	BS for Office Accomodation (Stage 8)													
	A03470	BS + E&M for Office Accomodation (Stage 9)													
	A03480	Other BS + E&M Installation													
<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						Date		Revision		Checked	Approved
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HZMB HK Boundary Crossing Facilities - Vehicle Clearance Plazas and Ancillary Buildings and Facilities		01-Feb-17				
Activity ID	Activity Name	2017				
		Jan	Feb	Mar	Apr	May
S S Facade Greenery System						
B03415	Fabrication of SS F/G System					
B03420	Casted-in Items Installation					
B03430	Steel Frame Installation					
035 - Sewage Pumping Station, Portion G						
A03580	Constructing of Wall Stem of Wet Well					
A03590	Water-tightness Test for Wet Wells					
B03510	Backfilling + Removal of ELS					
B03520	ELS + Blinding for Basement					
B03530	Constructing Base Slab of Basement					
B03540	Constructing Basement Wall & G/F Slab					
B03560	Superstructure works					
051 Transformers (Zone 5)						
A05150	Finishing					
A05165	Energisation by CLP					
A05170	BS for Office Accommodations (KD9)					
A05190	Other BS + E & M Installation					
Completion of Fire Services Installation and Equipment (FCD)						
F05140	Approved Building Plans					
100 Inbound Traffic Control Kiosk						
A10050	Finishing					
A10070	BS + E&M for AVCSS Works (KD18A)					
B10060	BS + E&M for AVCSS Cabling (KD18B)					
B10070	BS for Office Accommodations (KD9)					
B10090	Other BS + E & M Installation					
C10010	Submission & Issue of WW046 I, II, III (Inside Services & FS)					
HPL Composite Panel Cladding System						
B10010	Shop Drawing Submission and Approval					
B10015	Fabrication of F/C System					
B10020	Casted-in Items Installation					
112 Field Kiosk for Taxi Queuing Area						
A11240	Finishing					
A11250	BS + E & M Installation					
A11260	T&C for BS & Pumps SWT					
External Works for Portion G, H1 & H2						
ELV Works within Portion H2 in the Hong Kong Side PTI						
EU1550	ELV Works within Portion H2 in the Hong Kong Side PTI (KD19)					
Works within Portion H1 & H2 except the ELV Works in the Hong Kong Side PTI						
EU1560	Drainage & Sewerage Works within Portion H1 & H2 in the Hong Kong Side PTI (KD20)					
All Works within the Boundary defined in Drawing No. 60191048/C3/000/C00/1050						
BEU1570	Drainage & Sewerage Works (incl. CLP) within the Boundary defined in Drawing No. 60191048/C3/000/1050					
Waterpipe Laying						
EW4080	Fresh Water Main Laying (1689m)					
EW4090	Flushing Water Main Laying (411m)					
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting						
EU5400	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV					
Sign Gantry DS40, DS41 & DS75						
ES0080	Testing for Pre-bored H Piling					

Actual Work

Remaining Work

Critical

Milestone

THREE MONTH ROLLING PROGRAMME

VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES

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Date

Revision

Checked

Approved

HZMB HK Boundary Crossing Facilities - Vehicle Clearance Plazas and Ancillary Buildings and Facilities			01-Feb-17					
Activity ID		Activity Name	2017					
			Jan	Feb	Mar	Apr	May	
	A06030	BS + E&M for Transform Room to CLP (KD8)						
	A06045	Raft Foundation (other than transformer room)						
	A06050	Superstructure (other than transformer room) Construction						
	Waterworks Ordinance (WSD)							
	G06020	Submission of WWO46 - Part I & II (Inside Services)						
	DG License & EPD Generator Approval							
	G06000	DG Application						
	061 Telecom Building							
	A06130	Raft Foundation						
	A06140	Superstructure						
A06150	Finishing (KD9)							
A06160	BS for Office Accommodations (KD9)							
A06170	BS + E&M for Office Accommodation (KD10)							
A06180	Other BS + E & M Installation							
Aluminium Metal Canopy								
B06110	Shop Drawing Submission and Approval							
B06115	Fabrication of Aluminium Cladding							
B06120	Casted-in Items Installation							
101 Outbound Traffic Control Kiosk								
A10100	Excavation + Blinding							
A10110	Raft Foundation							
A10130	Superstructure (Roof Beams & Slabs)							
A10140	Finishing							
A10150	BS + E&M for AVCSS Works (KD18A)							
A10160	BS + E&M for AVCSS Cabling (KD18B)							
A10170	BS for Office Accommodations (KD9)							
A10190	Other BS + E & M Installation							
C10110	Submission of WWO46 - Part I & II (Inside Services)							
HPL Composite Panel Cladding System								
B10110	Shop Drawing Submission and Approval							
B10120	Fabrication of HPL Cladding							
206 - Outbound Private Car Mobile X-ray Operation Area								
ER5780	Radiation Screen Wall Construction							
External Works for Portion J								
Works in Location 1.7B								
EU1500	ELV Works & T&C in Location 1.7B							
Works in Location 1.7C								
EU1530	ELV Works & T&C in Location 1.7C							
Drainage Works								
ED4220	Drainage Works (1700m & 86MHs), Stage 1							
ED4340	Sewerage (425m & 11MHs), Stage 1							
ED5710	Drainage Works (1697m & 85MHs), Stage 2							
ED5720	Sewerage (425m & 12MHs), Stage 2							
Waterpipe Laying								
EW4230	Fresh Water Main Laying (770m), Stage 1 (Northern)							
EW4240	Flushing Water Main Laying (431m), Stage 1 (Northern)							
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting								
EU5420	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV							
EU5430	Duct & Cable Laying for TCSS & Lighting							

Actual Work

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VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES

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Roadworks						
ER4320	Subbase (15400 ton), Stage 1 (Northern)					
ER4350	Bitumen Pavement (20000 ton), Stage 1 (Northern)					
ER4360	Rigid Pavement (173 m3), Footpath & EVA, Stage 1 (Northern)					
Sign Gantry DS104						
ES0140	Sign Gantry DS104 P-bored Piling, 8 Nr.					
ES5130	Testing for P-bored Piles					
ES5150	Fabrication & Delivery of Sign Gantrys to Site					
PORTION K, L, M, S & T						
Portion K Building						
002 - C&ED Observation Guard Booth No. 1, Portion K						
A00210	Excavation + Blinding					
A00220	Raft Foundation					
A00230	Superstructure					
002 - C&ED Observation Guard Booth No. 2, Portion K						
B00210	Excavation + Blinding					
B00220	Raft Foundation					
B00230	Superstructure					
Portion M Buildings						
108 - C&ED Mobile X-ray Operation Office, Portion M						
B10800	Excavation + Blinding					
B10810	Substructure (raft Foundation)					
B10840	Superstructure (Roof beams & Slabs)					
B10850	Finishing					
B10860	BS for Office Accommodations (KD9)					
B10880	Other BS + E & M Installation					
HPL Composite Panel Cladding System						
C10810	Shop Drawing Submission and Approval					
C10820	Fabrication of HPL Cladding					
C10830	Casted-in Items Installation					
104 DOH Screening Station, at Portion M						
C10400	Excavation + Blinding					
C10430	Structure (Raft Foundation)					
C10440	Finishing					
C10450	BS for Office Accommodations (KD9)					
C10470	Other BS + E & M Installation					
Facade Envelop Structure Installation						
D10450	Shop Drawing Submission and Approval					
D10455	Fabrication of F/C System					
203 - Outbound Coach/Shuttle Bus Exam Area & Mobile X-ray Operation Area						
ER5770	Radiation Screen Wall Construction					
External Works						
Additional Works (Filling & RE Slope), SA1						
ED3120	Approval of RE Slope by GEO/AECOM					
ED3210	C1 Contractor to Completed cooling mains at east Portion (Stage1)					
ED3220	Removal of Access & Form another Temp. Access for Cooling Main					
ED3270	Remove surcharge at the edge of Platform (North, Portion S, KD32)					
ED3280	Remove surcharge at the Platform (East, Portion T, KD33)					
Construction of Slopes						

Actual Work

Remaining Work

Critical

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HZMB HK Boundary Crossing Facilities - Vehicle Clearance Plazas and Ancillary Buildings and Facilities										01-Feb-17	
Activity ID		Activity Name		2017							
				Jan	Feb	Mar	Apr	May			
	ED3510	Footing for the Planter Wall, RE slope (North & West)		<div></div>	<div></div>						
	ED3520	Construct RE slope (West)			<div></div>	<div></div>					
	ED3550	Construction of fill slope (North)			<div></div>	<div></div>					
	Drainage Works										
	ED4370	Drainage Works (1477m & 81MHs), Stage 1 (Eastern)			<div></div>	<div></div>					
	ED4490	Sewerage (78m & 2MHs), Stage 1 (Eastern)			<div></div>	<div></div>					
	Waterpipe Laying										
	EW4380	Fresh Water Main Laying (608m), Stage 1 (Eastern)				<div></div>	<div></div>				
	EW4390	Flushing Water Main Laying (13m), Stage 1 (Eastern)				<div></div>	<div></div>				
	Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting										
	EU5450	Duct & Cable Laying for TCSS & Lighting			<div></div>	<div></div>					
	Canopy and Covered Walkway										
	CC1400	Shop drawing, Approved & Fabrication			<div></div>	<div></div>					
	PORTION N										
	Portion N Structure										
	Box Culvert B										
	Bored Pile										
	SB0560	Install H-piles		<div></div>	<div></div>						
	SB0590	Box B - Foundation: Revised as pre-bored H-Piles			<div></div>	<div></div>					
	Box Culvert Structure										
	SB0710	Box B - Construction (Stage 1)					<div></div>	<div></div>			
	SB0715	Handover from RC (1/11/16)				<div></div>	<div></div>				
	SB0722	Box B - Temporary Works for Construction of Outfall Structure				<div></div>	<div></div>				
	Portion N Buildings										
	104 DOH Screening Station, at Portion N										
Facade Envelop Structure Installation											
D10410	Shop Drawing Submission and Approval			<div></div>	<div></div>						
D10415	Fabrication of F/C System					<div></div>	<div></div>				
106 C&ED Detention Area Guard Booth											
A10600	Excavation + Blinding			<div></div>							
A10610	Structure (Raft Foundation)			<div></div>	<div></div>						
A10640	Finishing					<div></div>	<div></div>				
E10640	BS for Office Accommodations (KD9)					<div></div>	<div></div>				
E10660	Other BS + E & M Installation					<div></div>	<div></div>				
Facade Envelop Structure Installation											
B10610	Shop Drawing Submission and Approval			<div></div>	<div></div>						
B10615	Fabrication of F/C System					<div></div>	<div></div>				
107 C&ED Mobile X-ray Operation Office, Portion N											
A10700	Excavation + Blinding			<div></div>							
A10710	Substructure (Raft Foundation)					<div></div>	<div></div>				
A10740	Superstructure						<div></div>	<div></div>			
HPL Composite Panel Cladding System											
B10710	Shop Drawing Submission and Approval						<div></div>	<div></div>			
200 - Inbound/Outbound Vehicle Dectection Area											
ER5810	Construction of the Area and Access to the Interface Contractor			<div></div>	<div></div>						
202 - Outbound Cargo Mobile X-ray Opeartion Area											
ER5790	Radiation Screen Wall Construction			<div></div>	<div></div>						
External Works for Portion N											

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Remaining Work

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HZMB HK Boundary Crossing Facilities - Vehicle Clearance Plazas and Ancillary Buildings and Facilities			01-Feb-17				
Activity ID		Activity Name	2017				
			Jan	Feb	Mar	Apr	May
Works in Location 1.7A							
EU1540	ELV Works & T&C in Location 1.7A						
Drainage Works							
AS0150	Initial Survey						
ED4620	Drainage Works (964m & 56MHs), Stage 1 (Southern)						
ED4650	Sewerage (383m & 12MHs), Stage 1 (Southern)						
Waterpipe Laying							
EW4530	Fresh Water Main Laying (641m)						
EW4540	Flushing Water Main Laying (413m)						
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting							
EU5460	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV						
EU5470	Duct & Cable Laying for TCSS & Lighting						
PORTION P							
Portion Structure							
Retaining Wall RW1							
RW1110	Construction of Retaining Wall RW1 (U-shape, 5 bays)						
Portion P Buildings							
105 IMMD Guard Booth, Portion P							
A10510	Excavation + Blinding						
A10520	Substructure (Raft Foundation)						
A10530	On Grade Ground Slab						
A10540	Finishing						
E10500	BS for Office Accommodations (KD9)						
E10510	BS + E&M for Office Accommodation (KD10)						
E10520	Other BS + E & M Installation						
Facade Envelop Structure Installation							
A10560	Shop Drawing Submission and Approval						
A10565	Fabrication of F/C System						
External Works for Portion P							
Drainage Works							
AS0160	Initial Survey						
ED4670	Drainage Works (2957m & 128MHs)						
ED4790	Sewerage (269m & 7MHs)						
Waterpipe Laying							
EW4680	Fresh Water Main Laying (1270m)						
EW4690	Flushing Water Main Laying (455m)						
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting							
EU5640	Access date to Telephone Companies						
Roadworks							
ER4770	Subbase (16519 ton)						
ER4800	Bitumen Pavement (23958 ton)						
ER4810	Rigid Pavement (220 m3), Footpath & EVA						
PORTION Q							
External Works for Portion Q							
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting							
ED5570	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV						
ED5580	Duct & Cable Laying for TCSS & Lighting						
EU1490	ELV System Installation for Contract HY/2013/04						

Actual Work

Remaining Work

Critical

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◆ Milestone

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Approved

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3MRP updated as of 30 Nov. 2016

ZJ

31-Dec-16

3MRP updated as of 31 Dec. 2016

ZJ

01-Feb-17

3MRP updated as of 31 Jan. 2017

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Activity ID		Activity Name	2017																					
			Jan	Feb	Mar	Apr	May																	
<div></div>	Roadworks		<div></div>	<div></div>	<div></div>	<div></div>	<div></div>																	
	AS0170	Initial Survey																						
	AS1810	C3-S1 Slope Construction																						
	AS1820	C3-S2 Slope Construction																						
	PORTION R																							
	Portion R Building																							
	002 - C&ED Observation Guard Booth, Portion R																							
	D00210	Excavation + Blinding																						
	D00220	Raft Foundation																						
	External Works for Portion R																							
	Drainage Works																							
	AS0180	Initial Survey																						
	ED4960	Drainage Works (1040m & 70MHs)																						
	ED5080	Sewerage (272m & 7MHs)																						
	Landscape Works																							
	A5170	Design and Procurement for Irrigation System																						
<div><div>Actual Work</div><div>Remaining Work</div><div>Critical</div><div>Milestone</div></div>		<div>THREE MONTH ROLLING PROGRAMME</div> <div>VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES</div> <div>Page 20 of 20</div>						<table><tr><th>Date</th><th>Revision</th><th>Checked</th><th>Approved</th></tr><tr><td>30-Nov-16</td><td>3MRP updated as of 30 Nov. 2016</td><td>ZJ</td><td></td></tr><tr><td>31-Dec-16</td><td>3MRP updated as of 31 Dec. 2016</td><td>ZJ</td><td></td></tr><tr><td>01-Feb-17</td><td>3MRP updated as of 31 Jan. 2017</td><td>ZJ</td><td></td></tr><tr><td colspan="4"></td></tr></table>	Date	Revision	Checked	Approved	30-Nov-16	3MRP updated as of 30 Nov. 2016	ZJ		31-Dec-16	3MRP updated as of 31 Dec. 2016	ZJ		01-Feb-17	3MRP updated as of 31 Jan. 2017	ZJ	
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HZMB HK Boundary Crossing Facilities - Vehicle Clearance Plazas and Ancillary Buildings and Facilities		02-Mar-17				
Activity ID	Activity Name	2017				
		Feb	Mar	Apr	May	Jun
A03680	BS + E&M for Office Accommodation (Stage 9)					
A03670	BS for Office Accomodation (Stage 8)					
A03665	External Wall Plaster & Tile					
A03650	Ceiling/Wall Plaster & Painting					
Test & Commission						
B03670	BEE0 Stage II & Accessor Certification Submission					
B03630	Submission & Issue of WW046 IV, V (Inside Services & FS)					
037 C&ED Tower Cum Inbound Cargo Examination Building (Portion A1 & B)						
A03790	Other BS + E&M Installation					
A03785	BS for Office Accomodation (KD10)					
A03780	BS for Office Accomodation (KD9)					
A03770	BS + E&M for AVCSS Cabling (KD18B)					
A03760	BS + E&M for AVCSS Cabling (KD18A)					
A03758	Paint Finish					
A03756	Window/Door Frame Installation					
A03752	Floor Screed/Tiling					
A03748	Wall/Ceiling Plastering/Tiling					
A03744	Curtain Wall/Metal Roof/Aluminium Cladding Installation					
A03742C	Mock-up Sample for Mesh Screen Wall (SS41) & Balustrade					
A03740	Steel Frame Structure Installation					
Test & Commission						
B03790	Beam Plus Monthly Submission & Issue					
B03770	WSD Inspection					
B03730	Submission & Issue of WW046 IV, V (Inside Services & FS)					
041 Fire Station Cum Ambulance Depot						
A04160	Other BS + E&M Installation					
A04140	BS for Office Accomodation (Stage 8)					
A04137	False Ceiling Installation					
A04136	Carpentry (Door, Fabric Wall Panel, Movable/Folding Partition)					
A04135	Ceiling/Wall Painting					
A04134	Floor Screeding/Tiling/Vinyl Tiles					
A04133	Ceiling & Wall Plastering/Wall Tiling					
A04132	Blockworks					
A04126	Cladding & Curtain Wall Installation (incl. steel & metal works)					
A04122	Superstructure, 1/F to 2/F (incl. parapet wall and planter wall)					
Test & Commission						
B04160	DG application					
B04120	Submission & Issue of WW046 I, II, III (Inside services & FS)					
042 Drill Tower						
A04290	Other BS + E&M Installation					
A04280	BS + E&M for Office Accomodation (Stage 9)					
A04270	BS for Office Accomodation (Stage 8)					
A04260	Finishing					
Test & Commission						
B04220	T&C for BS Pumps					
043 DOH Office + Store Room						
C04310	C/S Wall Plastering					
B04390	Carpentry (Wooden Doors/Partition/Lockers/Etc.)					
B04380	False Ceiling Installation & Painting					
B04370	Floor Screeding/Tiling					

Actual Work

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HZMB HK Boundary Crossing Facilities - Vehicle Clearance Plazas and Ancillary Buildings and Facilities				02-Mar-17						
Activity ID		Activity Name		2017						
				Feb	Mar	Apr	May	Jun		
	EW5010	Fresh Water Main Laying (700 m), Stage 1 (Western)								
	Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting									
	EU5270	Duct & Cable Laying for TCSS & Lighting								
	EU5260	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV								
	PORTION A2									
	Portion A2 Structures									
	046 - Refuse Collection Point, Portion A2									
	A04620	Superstrurcture w/2 water tank								
	A04610	Raft Foundation								
	Test & Commission									
B04620	Submission & Issue of WW046 I, II, III (Inside Services & FS)									
048 - Reclaimed Water Pumping Station, Portion A2										
B04840	Other BS + E&M Installation									
B04820	BS for Office Accommodations (Stage 8) (KD9)									
B04810	Superstructure Construction									
A04890	Backfilling									
A04880	Water-tightness Test for Basement 2									
A04870	Basement 2 Construction									
A04867	Backfilling + Removal of ELS									
A04865	Water-tightness Test for Basement 1									
A04860	Basement 1 Construction									
Test & Commission										
B04880	Submission & Issue of WW046 I, II, III (Inside Services & FS)									
B04860	DG Application									
Retaining Wall W9-2										
SW9210	Construction of Retaining Wall W9-2 (U-shape, 6 bay)									
External Works for Portion A2										
Drainage Works										
ED3560	Sewerage (161m & 5MHs), Stage 1 (Eastern)									
ED2280	Drainage Works (114m & 8MHs), Stage 1 (Eastern)									
Waterpipe Laying										
EW2300	Flushing Water Main Laying (45m), Stage 1 (Eastern)									
EW2290	Fresh Water Main Laying (118m), Stage 1 (Eastern)									
Roadworks										
ER3570	Bitumen Pavement (560 ton), Stage 1 (Eastern)									
ER2380	Subbase (400 ton), Stage 1 (Eastern)									
PORTION B										
Portion B Structures										
Retaining Wall W7-2										
S70970	Retaining Wall W7-2 Parapet (2 pour) & E&M Works									
S70910	C3-S6 Slopeworks									
S70890	Retaining Wall W7-2 Backfilling									
S70870	Construction of Retaining Wall W7-2 (L-shape, 1 bays)									
Retaining Wall W6-1										
S62080	Retaining Wall W6-1 Drainage System & Cable Laying									
S62070	Retaining Wall W6-1 Parapet (8 pour) & E&M Works									
S62060	Retaining Wall W6-1 Backfilling									
S62050	Construction of Retaining Wall W6-1 (L-shape, 4 bays)									
Bay 4 - 19 of CUE/Staff Subway										

Actual Work

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Activity ID	Activity Name	2017				
		Feb	Mar	Apr	May	Jun
C02780	Allow Access to C1 for Chilled Water Pipe (CUE) installation				◆ Allow Access to C1 for Chilled Water Pipe (CUE) installation	
C02770	BS + E&M Installation for AVCSS (Stage 1)					
Bay 20 - 24 of CUE/Staff Subway						
C02860	Allow Access to C1 for Chilled Water Pipe (CUE) installation				◆ Allow Access to C1 for Chilled Water Pipe (CUE) installation	
C02850	BS + E&M Installation for AVCSS (Stage 1)					
C02840	Internal Finishes & Cable Containment (KD1)					
C02830	Bay 20 - 24 Construction - Wall + Top Slab					
Bay 25 - 29 of CUE/Staff Subway						
C02980	Allow Access to C1 for Chilled Water Pipe (CUE) installation				◆ Allow Access to C1 for Chilled Water Pipe (CUE) installation	
C02970	BS + E&M Installation for AVCSS (KD1)					
C02960	Internal Finishes & Cable Containment (KD1)					
C02930	Bay 25 - 29 Construction - Wall + Top Slab					
Portion B Buildings						
027/028 Inbound Kiosks & 029 Outbound Kiosks						
B02720	Other BS + E&M Installation					
A02790	BS + E&M for AVCSS Cabling (KD18B)					
A02780	BS + E&M for AVCSS Works (KD18A)					
A02760	BS for Office Accomodation (Stage 8)					
A02750	Finishing					
A02740	Construction of Subway Toilets					
A02730	Construction of Subway Entrance					
A02720	Superstructure					
A02718	Mock up for Goods Vehicle Canopy					
A02715	Mock up for Steel Kiosks					
A02710	Pre-fabrication for the Steel Kiosks					
Test & Commission						
B02830	Submission & Issue of WW046 IV, V (Inside Services & FS)					
027/028 Inbound Kiosks & 029 Outbound Kiosks, Section IX, Subject to Excision						
B02770	BS + E&M for AVCSS Works (KD18D)					
B02760	BS + E&M for AVCSS Works (KD18C)					
B02750	Superstructure					
B02740	Pre-fabrication for the Steel Kiosks					
026 Inbound IMMD and DOH Secondary Screening Building						
A02690	Other BS + E&M Installation					
A02680	BS + E&M for Office Accomodation (Stage 9)					
A02670	BS for Office Accomodation (Stage 8)					
A02660	Contractor's Design Submission for Aluminium Cladding & Approval					
A02650	Contractor's Design Submission for SS Mesh Screen & Approval					
A02640	Finishing					
Test & Commission						
B02680	Form LE5 Submission to EMSD				◆ Form LE5 Submission to EMSD	
B02650	TC for BS & Pumps					
B02630	Submission & Issue of WW046 IV, V (Inside Services & FS)					
B02620	Submission & Issue of WW046 I, II, III (Inside Services & FS)					
054 Inbound Fixed X-ray Building						
B05410	Lift Installation					
A05490	Other BS + E&M Installation					
A05480	BS + E&M for Office Accomodation (Stage 9)					
A05470	BS for Office Accomodation (Stage 8)					
A05467	Energisation by CLP					

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Activity ID	Activity Name	2017					
		Feb	Mar	Apr	May	Jun	
A05460	Finishing						
T&C and Statutory Inspection for Zone 4a							
B05450	DG Application						
B05420	T&C for BS & Pumps						
Waterworks Ordinance (WSD)							
G05410	Approval Letter and approved Drawings						
038 AFCD Office							
A03890	Other BS + E&M Installation						
A03880	BS + E&M for Office Accomodation (Stage 9)						
A03870	BS for Office Accomodation (Stage 8)						
A03850	Finishing + Curtain Wall Installation						
A03840	Superstructure; 1/F to 2/F (incl. parapet and planter wall)						
Test & Commission							
C03820	Form 2 Submission						
B03830	Submission & Issue of WW046 I, II, III (Inside Services & FS)						
B03810	T&C for BS & Pumps						
039 Police Main Building							
A03970	Other BS + E&M Installation						
A03960	BS + E&M for Office Accomodation (Stage 9)						
A03950	BS for Office Accomodation (Stage 8), & for TCSS works (KD14)						
A03940	Finishing + Curtain Wall Installation						
A03935	Superstructure; 1/F to 2/F (incl. parapet and planter wall)						
Test & Commission							
C03970	T&C for BS & Pumps						
C03950	Form 2 Submission						
C03910	DG application						
B03950	Beam Plus Monthly Submission & Issue						
B03930	Submission & Issue of WW046 IV, V (Inside Services & FS)						
B03920	Submission & Issue of WW046 I, II, III (Inside Services & FS)						
040 Incident Control Tower							
A04060	BS for Office Accomodation (Stage 8), & for TCSS works (KD14)						
A04050	Finishing (KD9)						
A04040	Superstructure						
Facade Cladding System							
B04030	Casted-in Items Installation						
B04020	Fabrication of F/C System						
Glass Wall							
C04030	Casted-in Items Installation						
C04020	Fabrication of Glass Wall						
102 HKPF UVSS Monitor Room							
C10210	WWO 46 Part I, II, III Submission (inside Service + FS)						
A10270	Other BS + E&M Installation						
A10240	BS for Office Accomodation (Stage 8)						
A10230	Finishing (False Ceiling) (KD9)						
Metal Canopy and Roof Installation							
B10220	Casted-in Items Installation						
B10212	Fabrication of MC/R						
103 Police Inspection Post							
C10320	WWO 46 Part I, II, III Submission (inside Service + FS)						
A10380	Other BS + E&M Installation						

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		Feb	Mar	Apr	May	Jun	
PORTION B	EW6110	Flushing Water Main Laying (460m), Stage 3 (N/W)					
	EW6100	Fresh Water Main Laying (500m), Stage 3 (N/W)					
	EW6090	Flushing Water Main Laying (460m), Stage 2 (S/E)					
	EW6080	Fresh Water Main Laying (500m), Stage 2 (S/E)					
	Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting						
	EU5630	Access date to Telephone Companies		◆ Access date to Telephone Companies			
	EU5310	Duct & Cable Laying for TCSS & Lighting					
	EU5300	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV					
	Roadworks						
	ER5590	Subbase (11000 ton), Stage 2 (N/E)					
	ER3600	Rigid Pavement (594 m3), Footpath & EVA, Stage 1 (N/W)					
	ER3590	Bitumen Pavement (14000 ton), Stage 1 (N/W)					
	ER1640	Subbase (10000 ton), Stage 1 (N/W)					
	Sign Gantry ADS 306A & ADS 306B						
	ES5240	Fabrication & Delivery of Sign Gantrys to Site					
PORTION C							
Portion C Buildings							
010 - Inbound Coach Kiosk & Staff Subway Entrance							
A01010	Substructure and Staircase Construction						
009 - Staff Subway Entrance (Bay 0 - 3) & Shuttle Bus Kiosks							
B00930	BS + E&M for AVCSS works (KD18A)						
B00920	Kiosk superstructure		◆ AllowAccess to C1 for Chilled Water Pipe Installation (CUE)				
A00960	AllowAccess to C1 for Chilled Water Pipe Installation (CUE)						
A00950	BS + E&M for AVCSS works (KD 1)						
A00940	Finishing						
012 - DOH Disinsection Area and Store Room 1, at Portion C							
B01230	Supersturcture						
B01220	Raft Foundation						
B01210	Excavation & Blinding						
104 - DOH Secondary Screening Station, at Portion C							
Facade Cladding System							
A10465	Fabrication of F/C System						
A10460	Shop Drawing Submission and Approval						
108 C&ED Mobile X-ray Machine Operation Office, Portion C							
A10840	Superstructure (Roof Beams & Slabs)						
A10810	Raft Foundation						
A10805	Excavation & Blinding						
HPL Composite Panel Cladding System							
A10815	Fabrication of HPL Cladding						
A10800	Shop Drawing Submission and Approval						
110 IMMD Guard Booth (Type 2) East							
A11090	BS for Office Accomodation (Stage 8)						
A11080	Finishing						
A11030	Substructure						
A11020	Excavation & Blinding						
Facade Envelop Structure Installation							
A11045	Fabrication of F/C System						
A11040	Shop Drawing Submission and Approval						
111 Field Kiosk for Carpark Operator							

Actual Work

Remaining Work

Critical

◆

 Milestone

THREE MONTH ROLLING PROGRAMME

VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES

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Date	Revision	Checked	Approved
31-Dec-16	3MRP updated as of 31 Dec. 2016	ZJ	
01-Feb-17	3MRP updated as of 31 Jan. 2017	ZJ	
28-Feb-17	3MRP updated as of 28 Feb. 2017	ZJ	

HZMB HK Boundary Crossing Facilities - Vehicle Clearance Plazas and Ancillary Buildings and Facilities										02-Mar-17	
Activity ID		Activity Name		2017							
				Feb	Mar	Apr	May	Jun			
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HZMB HK Boundary Crossing Facilities - Vehicle Clearance Plazas and Ancillary Buildings and Facilities										02-Mar-17			
Activity ID		Activity Name		2017									
				Feb		Mar		Apr		May		Jun	
006 - Shuttle Bus Kiosk & Staff Subway Entrance, at Portion E & M													
A00650		Constructing Ground Slab											
A00640		Backfilling											
A00630		Constructing wall stem + top slab of Subway											
A00620		Constructing base of Subway											
A00610		ELS + Blinding for Subway											
External Works for Portion E													
Drainage Works													
SG3900		Sewerage (38m & 1 MH)											
SG3780		Drainage Works (99m & 5MHs)											
Waterpipe Laying													
SW3800		Flushing Water Main Laying (25m)											
SW3790		Fresh Water Main Laying (45m)											
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting													
SU5370		Duct & Cable Laying for TCSS & Lighting											
SU5360		Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV											
PORTION F													
External Works for Portion F													
Drainage Works													
SG4050		Sewerage (70m & 3MHs)											
SG3930		Drainage Works (122m & 9MHs)											
B00070		Initial Survey											
Waterpipe Laying													
SW3940		Fresh Water Main Laying (205m)											
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting													
SU5390		Duct & Cable Laying for TCSS & Lighting											
SU5380		Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV											
PORTION G, H1 & H2													
Portion G Structures													
Box Culvert C													
Box Culvert Structure													
SC0380		Box C - Construction of Main Body											
SC0320		Box C - Branch Backfilling											
SC0310		Box C - Branch Construction											
Bridge A1													
Structure Deck													
SA1520		Parapet (42 pour), E&M works & installation of DS38 & DS39											
SA1510		Deck on P105, A106 + Stressing											
SA1490		Falsework for Deck P105, A106											
SA1460		Deck on P101, P102 + Stressing											
SA1450		Falsework for Deck P101, P102											
Bridge A2													
Structure Deck													
SA2460		Deck on P201 & P202 + Stressing											
SA2450		Falsework for Deck P201 - P202											
Bridge A3													
Pier & Abutment													
SA3330		Abutment A305											
Structure Deck													

HZMB HK Boundary Crossing Facilities - Vehicle Clearance Plazas and Ancillary Buildings and Facilities						02-Mar-17							
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	SA3480	Deck on P304a, A305 + Stressing											
	SA3470	Falsework for Deck P304a - A305											
	SA3460	Deck on P303, P304a/P304b + Stressing											
	SA3450	Falsework for Deck P303 - P304a/P304b											
	SA3440	Deck on P302 - P303 + Stressing											
	Bridge A4												
	Pier & Abutment												
	SA4310	Pier P401											
	Structure Deck												
	SA4460	Deck on P304b, P401, P402 + Stressing											
SA4450	Falsework for Deck P304b, P402												
SA4440	Deck on P401, P402 + Stressing												
SA4430	Falsework for Deck P401, P402												
SA4420	Deck on P502b, P401 + Stressing												
SA4410	Falsework for Deck P502b, P401												
Bridge A5													
Pier & Abutment													
SA5370	Abutment A501												
SA5360	Pier P502a/b												
Structure Deck													
SA5560	Deck on P507 & P508a, P508b + Stressing												
SA5550	Falsework for Deck P507 - P508a, P508b												
SA5540	Deck on A501 & P502a + Stressing												
SA5530	Falsework for Deck A501 - P502a												
SA5520	Deck on P506 & P507 + Stressing												
SA5510	Falsework for Deck P506 - P507												
SA5480	Deck on P502a, P502b & P503 + Stressing												
SA5470	Falsework for Deck P502a, P502b, P503												
SA5460	Deck on P505, P506 + Stressing												
SA5440	Deck on P503, P504, + Stressing												
SA5420	Deck on P504, P505 + Stressing												
Bridge A6													
Structure Deck													
SA6520	Falsework for Deck P606 - A607												
SA6510	Deck on P605, P606 + Stressing												
SA6490	Falsework for Deck P605, P606												
SA6480	Deck on P604, P605 + Stressing												
SA6470	Falsework for Deck P604, P605												
SA6460	Deck on P603, P604 + Stressing												
Bridge A7a, A7b, A7c													
Structure Deck													
SA7960	Parapet for Bridge A7a (48 pour) & E&M Works												
SA7950	Parapet for Bridge A7c (38 pour) & E&M Works												
SA7940	Parapet for Bridge A7b (8 pour) & E&M Works												
SA7930	Deck on P710 & A711 (Bridge A7c) + Stressing												
SA7840	Deck on A701, P702 (Bridge A7a) + Stressing												
SA7830	Falsework for Deck A701, P702												
SA7820	Deck on P702, P703 (Bridge A7 a) + Stressing												
SA7810	Falsework for Deck P702, P703												
SA7790	Deck on P703, P704 (Bridge A7a) + Stressing												
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HZMB HK Boundary Crossing Facilities - Vehicle Clearance Plazas and Ancillary Buildings and Facilities							02-Mar-17	
Activity ID		Activity Name	2017					
			Feb	Mar	Apr	May	Jun	
<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><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HZMB HK Boundary Crossing Facilities - Vehicle Clearance Plazas and Ancillary Buildings and Facilities										02-Mar-17																	
Activity ID		Activity Name		2017																							
				Feb		Mar		Apr		May		Jun															
S S Facade Greenery System																											
B03430		Steel Frame Installation																									
B03420		Casted-in Items Installation																									
B03415		Fabrication of SS F/G System																									
035 - Sewage Pumping Station, Portion G																											
B03560		Superstructure works																									
B03550		Water-tightness Test for Inlet Chamber																									
B03540		Constructing Basement Wall & G/F Slab																									
B03530		Constructing Base Slab of Basement																									
B03510		Backfilling + Removal of ELS																									
A03590		Water-tightness Test for Wet Wells																									
A03580		Constructing of Wall Stem of Wet Well																									
051 Transformers (Zone 5)																											
A05190		Other BS + E & M Installation																									
A05180		BS + E&M for Office Accommodation (KD10)																									
A05170		BS for Office Accommodations (KD9)																									
A05165		Energisation by CLP																									
A05150		Finishing																									
Completion of Fire Services Installation and Equipment (FCD)																											
F05140		Approved Building Plans		◆ Approved Building Plans																							
100 Inbound Traffic Control Kiosk																											
C10010		Submission & Issue of WW046 I, II, III (Inside Services & FS)																									
B10090		Other BS + E & M Installation																									
B10070		BS for Office Accommodations (KD9)																									
B10060		BS + E&M for AVCSS Cabling (KD18B)																									
A10070		BS + E&M for AVCSS Works (KD18A)																									
A10050		Finishing																									
HPL Composite Panel Cladding System																											
B10020		Casted-in Items Installation																									
B10015		Fabrication of F/C System																									
112 Field Kiosk for Taxi Queuing Area																											
A11260		T&C for BS & Pumps SWT																									
A11250		BS + E & M Installation																									
A11240		Finishing																									
External Works for Portion G, H1 & H2																											
ELV Works within Portion H2 in the Hong Kong Side PTI																											
EU1550		ELV Works within Portion H2 in the Hong Kong Side PTI (KD19)																									
Works within Portion H1 & H2 except the ELV Works in the Hong Kong Side PTI																											
EU1560		Drainage & Sewerage Works within Portion H1 & H2 in the Hong Kong Side PTI (KD20)																									
All Works within the Boundary defined in Drawing No. 60191048/C3/000/C00/1050																											
BEU1570		Drainage & Sewerage Works (incl. CLP) within the Boundary defined in Drawing No. 60191048/C3/000/1050																									
Drainage Works																											
ED4190		Sewerage (437m & 12MHs)																									
ED4070		Drainage Works (6954m & 393MHs)																									
Waterpipe Laying																											
EW4090		Flushing Water Main Laying (411m)																									
EW4080		Fresh Water Main Laying (1689m)																									
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting																											
EU5560		ELV Installation																									
<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 14 of 20						<table><tr><th>Date</th><th>Revision</th><th>Checked</th><th>Approved</th></tr><tr><td>31-Dec-16</td><td>3MRP updated as of 31 Dec. 2016</td><td>ZJ</td><td></td></tr><tr><td>01-Feb-17</td><td>3MRP updated as of 31 Jan. 2017</td><td>ZJ</td><td></td></tr><tr><td>28-Feb-17</td><td>3MRP updated as of 28 Feb. 2017</td><td>ZJ</td><td></td></tr></table>		Date	Revision	Checked	Approved	31-Dec-16	3MRP updated as of 31 Dec. 2016	ZJ		01-Feb-17	3MRP updated as of 31 Jan. 2017	ZJ		28-Feb-17	3MRP updated as of 28 Feb. 2017	ZJ	
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HZMB HK Boundary Crossing Facilities - Vehicle Clearance Plazas and Ancillary Buildings and Facilities		02-Mar-17				
Activity ID	Activity Name	2017				
		Feb	Mar	Apr	May	Jun
EU5400	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV					
Roadworks						
ER4170	Subbase (17045 ton)					
Sign Gantry DS40, DS41 & DS75						
ES0180	Fabrication & Delivery of Sign Gantrys to Site					
ES0080	Testing for Pre-bored H Piling					
Canopy and Covered Walkway						
CC1320	Footing					
CC1310	Shop drawing, Approved & Fabrication					
PORTION J						
Portion J Structure						
Bay 30 - 41 of CUE/Staff Subway (Portion J)						
B03270	BS + E&M Installation for AVCSS (Stage 2) (KD2)					
B03260	Internal Finishes & Cable Containment (KD2)					
B03250	Bay 40 - 41 Construction - Wall + Top Slab, Staircase					
B03230	Bay 34 - 39 Construction - Wall + Top Slab, Staircase					
030 Outbound Private Car & GV Kiosks						
A03030	Superstructure (Incl. Entrance & Toilet)					
A03020	Pre-fabrication for the Steel Kiosks					
030 Outbound Kiosks, Section IX, Subject to Excision						
C03030	Superstructure					
C03020	Pre-fabrication for the Steel Kiosks					
Portion J Buildings						
024 Outbound Private Car Exam Building						
A02460	Other BS + E & M Installation (KD31)					
A02440	BS for Office Accommodations (KD18F)					
A02430	Finishing (KD9)					
A02420	Superstructure					
A02410	Raft Foundation					
Test & Commission						
D02410	Submission & Issue of WW046 I, II, III (Inside Services & FS)					
Glass Canopy Installation						
B02420	Casted-in Items Installation					
B02415	Fabrication of F/C System					
B02410	Shop Drawing Submission and Approval					
Aluminium Metal Canopy						
B02460	Casted-in Items Installation					
B02455	Fabrication of F/C System					
B02450	Shop Drawing Submission and Approval					
031 Outbound IMMD and DOH Secondary Screen Building						
A03180	Other BS + E & M Installation (KD31)					
A03160	BS for Office Accommodations (KD18F)					
A03150	Finishing (KD31)					
A03140	Superstructure					
Test & Commission						
C03120	Submission & Issue of WW046 I, II, III (Inside Services & FS)					
060 - Single Storey Support Building Associated with Buildings 044 & 045						
A06060	BS for Office Accommodation (Stage 10) (KD11)					
A06055	Energisation by CLP					

Actual Work

Remaining Work

Critical

Milestone

THREE MONTH ROLLING PROGRAMME

VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES

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HZMB HK Boundary Crossing Facilities - Vehicle Clearance Plazas and Ancillary Buildings and Facilities						02-Mar-17	
Activity ID		Activity Name	2017				
			Feb	Mar	Apr	May	Jun
	A06050	Superstructure (other than transformer room) Construction					
	A06045	Raft Foundation (other than transformer room)					
	A06030	BS + E&M for Transform Room to CLP (KD8)					
	A06025	Finishing					
	A06020	Superstructure (Transformer Room) Construction					
	Waterworks Ordinance (WSD)						
	G06020	Submission of WWO46 - Part I & II (Inside Services)					
	DG License & EPD Generator Approval						
	G06000	DG Application					
	061 Telecom Building						
	A06180	Other BS + E & M Installation					
	A06170	BS + E&M for Office Accommodation (KD10)					
	A06160	BS for Office Accommodations (KD9)					
	A06150	Finishing (KD9)					
	Aluminium Metal Canopy						
	B06130	Steel Frame Installation					
	B06120	Casted-in Items Installation					
	B06115	Fabrication of Aluminium Cladding					
	B06110	Shop Drawing Submission and Approval					
	101 Outbound Traffic Control Kiosk						
	C10110	Submission of WWO46 - Part I & II (Inside Services)					
	A10190	Other BS + E & M Installation					
	A10170	BS for Office Accommodations (KD9)					
	A10160	BS + E&M for AVCSS Cabling (KD18B)					
	A10150	BS + E&M for AVCSS Works (KD18A)					
	A10140	Finishing					
	A10130	Superstructure (Roof Beams & Slabs)					
	A10110	Raft Foundation					
	A10100	Excavation + Blinding					
	HPL Composite Panel Cladding System						
	B10120	Fabrication of HPL Cladding					
	B10110	Shop Drawing Submission and Approval					
206 - Outbound Private Car Mobile X-ray Operation Area							
ER5780	Radiation Screen Wall Construction						
External Works for Portion J							
Works in Location 1.7B							
EU1500	ELV Works & T&C in Location 1.7B						
Works in Location 1.7C							
EU1530	ELV Works & T&C in Location 1.7C						
Drainage Works							
ED5720	Sewerage (425m & 12MHs), Stage 2						
ED5710	Drainage Works (1697m & 85MHs), Stage 2						
ED4340	Sewerage (425m & 11MHs), Stage 1						
ED4220	Drainage Works (1700m & 86MHs), Stage 1						
Waterpipe Laying							
EW4240	Flushing Water Main Laying (431m), Stage 1 (Northern)						
EW4230	Fresh Water Main Laying (770m), Stage 1 (Northern)						
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting							
EU5430	Duct & Cable Laying for TCSS & Lighting						
EU5420	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV						

Actual Work

Remaining Work

Critical

Milestone

THREE MONTH ROLLING PROGRAMME

VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES

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HZMB HK Boundary Crossing Facilities - Vehicle Clearance Plazas and Ancillary Buildings and Facilities		02-Mar-17				
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		Feb	Mar	Apr	May	Jun
Roadworks						
ER4360	Rigid Pavement (173 m3), Footpath & EVA, Stage 1 (Northern)					
ER4350	Bitumen Pavement (20000 ton), Stage 1 (Northern)					
ER4320	Subbase (15400 ton), Stage 1 (Northern)					
Sign Gantry DS104						
ES5150	Fabrication & Delivery of Sign Gantrys to Site					
ES5130	Testing for P-bored Piles					
ES0140	Sign Gantry DS104 P-bored Piling, 8 Nr.					
PORTION K, L, M, S & T						
Portion K Building						
002 - C&ED Observation Guard Booth No. 1, Portion K						
A00230	Superstructure					
A00220	Raft Foundation					
A00210	Excavation + Blinding					
002 - C&ED Observation Guard Booth No. 2, Portion K						
B00230	Superstructure					
B00220	Raft Foundation					
B00210	Excavation + Blinding					
Portion M Buildings						
108 - C&ED Mobile X-ray Operation Office, Portion M						
B10860	BS for Office Accommodations (KD9)					
B10850	Finishing					
B10840	Superstructure (Roof beams & Slabs)					
B10810	Substructure (raft Foundation)					
B10800	Excavation + Blinding					
HPL Composite Panel Cladding System						
C10830	Casted-in Items Installation					
C10820	Fabrication of HPL Cladding					
104 DOH Screening Station, at Portion M						
C10470	Other BS + E & M Installation					
C10450	BS for Office Accommodations (KD9)					
C10440	Finishing					
C10430	Structure (Raft Foundation)					
C10400	Excavation + Blinding					
Facade Envelop Structure Installation						
D10455	Fabrication of F/C System					
D10450	Shop Drawing Submission and Approval					
203 - Outbound Coach/Shuttle Bus Exam Area & Mobile X-ray Operation Area						
ER5770	Radiation Screen Wall Construction					
External Works						
Additional Works (Filling & RE Slope), SA1						
ED3420	Fill Slope around C2 abutments					
ED3410	C2 Contractor to complete abutment at the North (2 nos.)					
ED3320	Fill Platform from +11.5PD to near PCB (South)					
ED3230	C1 Contractor to Completed cooling mains at east Portion (Stage 2)					
Construction of Slopes						
ED3550	Construction of fill slope (North)					
ED3510	Footing for the Planter Wall, RE slope (North & West)					
ED3440	Construction of fill slope (Stage 2) (East)					

Actual Work

Remaining Work

Critical

◆ Milestone

THREE MONTH ROLLING PROGRAMME

VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES

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31-Dec-16	3MRP updated as of 31 Dec. 2016	ZJ	
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28-Feb-17	3MRP updated as of 28 Feb. 2017	ZJ	

HZMB HK Boundary Crossing Facilities - Vehicle Clearance Plazas and Ancillary Buildings and Facilities			02-Mar-17					
Activity ID		Activity Name	2017					
			Feb	Mar	Apr	May	Jun	
	ED3430	Construction of fill slope (Stage 1) (East)						
Drainage Works								
	ED4490	Sewerage (78m & 2MHs), Stage 1 (Eastern)						
	ED4370	Drainage Works (1477m & 81MHs), Stage 1 (Eastern)						
Waterpipe Laying								
	EW4390	Flushing Water Main Laying (13m), Stage 1 (Eastern)						
	EW4380	Fresh Water Main Laying (608m), Stage 1 (Eastern)						
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting								
	EU5450	Duct & Cable Laying for TCSS & Lighting						
Roadworks								
	ER4510	Rigid Pavement (750 m3) & Footpath, Stage 1 (Eastern)						
	ER4500	Bitumen Pavement (4500 ton), Stage 1 (Eastern)						
	ER4470	Subbase (4600 ton), Stage 1 (Eastern)						
Canopy and Covered Walkway								
	CC1400	Shop drawing, Approved & Fabrication						
PORTION N								
Portion N Structure								
Box Culvert B								
Bored Pile								
	SB0590	Box B - Foundation: Revised as pre-bored H-Piles						
	SB0560	Install H-piles						
Box Culvert Structure								
	SB0730	Box B - Outfall Structure						
	SB0722	Box B - Temporary Works for Construction of Outfall Structure						
	SB0720	Box B - Construction (Stage 2)						
	SB0710	Box B - Construction (Stage 1)						
Portion N Buildings								
104 DOH Screening Station, at Portion N								
	E10430	Other BS + E & M Installation						
	E10410	BS for Office Accommodations (KD9)						
	C10420	Finishing						
	C10410	Structure (Raft Foundation)						
	C10405	Excavation + Blinding (+ PL Test)						
Facade Envelop Structure Installation								
	D10415	Fabrication of F/C System						
	D10410	Shop Drawing Submission and Approval						
106 C&ED Detention Area Guard Booth								
	E10660	Other BS + E & M Installation						
	E10640	BS for Office Accommodations (KD9)						
	A10640	Finishing						
	A10610	Structure (Raft Foundation)						
	A10600	Excavation + Blinding						
Facade Envelop Structure Installation								
	B10615	Fabrication of F/C System						
	B10610	Shop Drawing Submission and Approval						
107 C&ED Mobile X-ray Operation Office, Portion N								
	A10750	Finishing (KD9)						
	A10740	Superstructure						
	A10710	Substructure (Raft Foundation)						
<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		
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					31-Dec-16		3MRP updated as of 31 Dec. 2016	
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					28-Feb-17		3MRP updated as of 28 Feb. 2017	
					Checked		Approved	
					ZJ			
					ZJ			
					ZJ			

HZMB HK Boundary Crossing Facilities - Vehicle Clearance Plazas and Ancillary Buildings and Facilities			02-Mar-17							
Activity ID	Activity Name	2017								
		Feb	Mar	Apr	May	Jun				
	A10700	Excavation + Blinding								
	HPL Composite Panel Cladding System									
	B10720	Fabrication of HPL Composite Panel System								
	B10710	Shop Drawing Submission and Approval								
	200 - Inbound/Outbound Vehicle Dectection Area									
	ER5810	Construction of the Area and Access to the Interface Contractor								
	202 - Outbound Cargo Mobile X-ray Opeartion Area									
	ER5790	Radiation Screen Wall Construction								
	External Works for Portion N									
	Works in Location 1.7A									
	EU1540	ELV Works & T&C in Location 1.7A								
	Drainage Works									
	ED4650	Sewerage (383m & 12MHs), Stage 1 (Southern)								
	ED4620	Drainage Works (964m & 56MHs), Stage 1 (Southern)								
	AS0150	Initial Survey								
	Waterpipe Laying									
	EW4540	Flushing Water Main Laying (413m)								
	EW4530	Fresh Water Main Laying (641m)								
	Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting									
	EU5470	Duct & Cable Laying for TCSS & Lighting								
EU5460	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV									
PORTION P										
Portion Structure										
Retaining Wall RW1										
RW1110	Construction of Retaining Wall RW1 (U-shape, 5 bays)									
Portion P Buildings										
105 IMMD Guard Booth, Portion P										
E10520	Other BS + E & M Installation									
E10510	BS + E&M for Office Accommodation (KD10)									
E10500	BS for Office Accommodations (KD9)									
A10540	Finishing									
A10530	On Grade Ground Slab									
A10520	Substructure (Raft Foundation)									
A10510	Excavation + Blinding									
Facade Envelop Structure Installation										
A10565	Fabrication of F/C System									
A10560	Shop Drawing Submission and Approval									
External Works for Portion P										
Drainage Works										
ED4790	Sewerage (269m & 7MHs)									
ED4670	Drainage Works (2957m & 128MHs)									
AS0160	Initial Survey									
Waterpipe Laying										
EW4690	Flushing Water Main Laying (455m)									
EW4680	Fresh Water Main Laying (1270m)									
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting										
EU5640	Access date to Telephone Companies									
Roadworks										
ER4810	Rigid Pavement (220 m3), Footpath & EVA									
<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			Date		Revision		Checked	Approved
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						01-Feb-17	3MRP updated as of 31 Jan. 2017		ZJ	
						28-Feb-17	3MRP updated as of 28 Feb. 2017		ZJ	

HZMB HK Boundary Crossing Facilities - Vehicle Clearance Plazas and Ancillary Buildings and Facilities			02-Mar-17				
Activity ID	Activity Name	2017					
		Feb	Mar	Apr	May	Jun	
ER4800	Bitumen Pavement (23958 ton)						
ER4770	Subbase (16519 ton)						
PORTION Q							
External Works for Portion Q							
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting							
EU1490	ELV System Installation for Contract HY/2013/04						
ED5580	Duct & Cable Laying for TCSS & Lighting						
ED5570	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV						
Roadworks							
AS1820	C3-S2 Slope Construction						
AS1810	C3-S1 Slope Construction						
AS0170	Initial Survey						
PORTION R							
Portion R Building							
002 - C&ED Observation Guard Booth, Portion R							
D00230	Superstructure						
D00220	Raft Foundation						
D00210	Excavation + Blinding						
External Works for Portion R							
Drainage Works							
ED5080	Sewerage (272m & 7MHs)						
ED4960	Drainage Works (1040m & 70MHs)						
AS0180	Initial Survey						
Waterpipe Laying							
EW4980	Flushing Water Main Laying (222m)						
EW4970	Fresh Water Main Laying (614m)						
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting							
EU5610	ELV Installation						
EU5510	Duct & Cable Laying for TCSS & Lighting						
EU5500	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV						
Landscape Works							
A5170	Design and Procurement for Irrigation System						

Actual Work

Remaining Work

Critical















































Milestone

THREE MONTH ROLLING PROGRAMME

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											
		A4892	Joint Site and Facility Inspection with Interface Contractor at Location 4a - Deg1																											
		A4900	Pre Site and Facility Inspection by Contractor at Location 4a - Deg2																											
		A4910	Joint Site and Facility Inspection with Interface Contractor at Location 4a - Deg2																											
		A4920	Pre Site and Facility Inspection by Contractor at Location 5 - Deg1																											
		A4930	Joint Site and Facility Inspection with Interface Contractor at Location 5 - Deg1																											
		A4940	Pre Site and Facility Inspection by Contractor at Location 5 - Deg2																											
		A4950	Joint Site and Facility Inspection with Interface Contractor at Location 5 - Deg2																											
		A4960	Pre Site and Facility Inspection by Contractor at Location 6 - Deg1																											
		A4970	Joint Site and Facility Inspection with Interface Contractor at Location 6 - Deg1																											
		A4980	Pre Site and Facility Inspection by Contractor at Location 6 - Deg2																											
		A4990	Joint Site and Facility Inspection with Interface Contractor at Location 6 - Deg2																											
		A5000	Pre Site and Facility Inspection by Contractor at Location 7 - Deg1																											
		A5010	Joint Site and Facility Inspection with Interface Contractor at Location 7 - Deg1																											
		A5020	Pre Site and Facility Inspection by Contractor at Location 8 - Deg1																											
		A5030	Joint Site and Facility Inspection with Interface Contractor at Location 8 - Deg1																											
		A5040	Pre Site and Facility Inspection by Contractor at Location 8 - Deg2																											
		A5050	Joint Site and Facility Inspection with Interface Contractor at Location 8 - Deg2																											
		A5060	Pre Site and Facility Inspection by Contractor at Location 9 - Deg1																											
		A5070	Joint Site and Facility Inspection with Interface Contractor at Location 9 - Deg1																											
		A5080	Pre Site and Facility Inspection by Contractor at Location 9 - Deg2																											
		A5090	Joint Site and Facility Inspection with Interface Contractor at Location 9 - Deg2																											
		A5100	Pre Site and Facility Inspection by Contractor at Location 10 - Deg1																											
		A5110	Joint Site and Facility Inspection with Interface Contractor at Location 10 - Deg1																											
		A5120	Pre Site and Facility Inspection by Contractor at Location 10 - Deg2																											
		A5130	Joint Site and Facility Inspection with Interface Contractor at Location 10 - Deg2																											
		A5140	Pre Site and Facility Inspection by Contractor at Location 11 - Deg1																											
		A5150	Joint Site and Facility Inspection with Interface Contractor at Location 11 - Deg1																											
		A5160	Pre Site and Facility Inspection by Contractor at Location 11 - Deg2																											
		A5170	Joint Site and Facility Inspection with Interface Contractor at Location 11 - Deg2																											
		A5180	Pre Site and Facility Inspection by Contractor at Location 12 - Deg1																											
		A5190	Joint Site and Facility Inspection with Interface Contractor at Location 12 - Deg1																											
		A5200	Pre Site and Facility Inspection by Contractor at Location 12 - Deg2																											
		A5210	Joint Site and Facility Inspection with Interface Contractor at Location 12 - Deg2																											
		A5220	Pre Site and Facility Inspection by Contractor at Location 13 - Deg1																											
		A5230	Joint Site and Facility Inspection with Interface Contractor at Location 13 - Deg1																											
		A5240	Pre Site and Facility Inspection by Contractor at Location 13 - Deg2																											
		A5250	Joint Site and Facility Inspection with Interface Contractor at Location 13 - Deg2																											
		A5260	Pre Site and Facility Inspection by Contractor at Location 14 - Deg1																											
		A5270	Joint Site and Facility Inspection with Interface Contractor at Location 14 - Deg1																											
		A5300	Pre Site and Facility Inspection by Contractor at Location 15 - Deg1																											
		A5310	Joint Site and Facility Inspection with Interface Contractor at Location 15 - Deg1																											
		A5320	Pre Site and Facility Inspection by Contractor at Location 15 - Deg2																											
		A5330	Joint Site and Facility Inspection with Interface Contractor at Location 15 - Deg2																											
		A5340	Pre Site and Facility Inspection by Contractor at Location 16 - Deg1																											
		A5350	Joint Site and Facility Inspection with Interface Contractor at Location 16 - Deg1																											
Programme No.: HZMB-DWP Data Date: 14-Aug-15			<div><div></div> Actual Level of Effort</div> <div><div></div> Actual Work</div> <div><div></div> Remaining Work</div> <div><div></div> Critical Remaining Work</div> <div><div></div> Milestone</div> <div><div></div> summary</div>																Hong Kong-Zhuhai-Macao Bridge Hong Kong Boundary Crossing Facilities - Automatic Vehicle Clearance Support System (AVCSS)								Date 14-Nov-16	Revision Rev.: 0	Checked WC	Approved LC

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Contract No.: HY/2013/06			Detail Work Programme										Page 4 of 14																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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<div></div>	<div></div> A1162	Location 4a(Outbd Cargo Exam Bldg (023))-Deg2 (630d)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											















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Activity ID	Activity Name		2015			2016				2017				2018				2019		3			
			Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2				
		A1390	Location 16(Outbd Traffic Control Kiosk (101))-Deg1 (400d)								◆ Location 16(Outbd Traffic Control Kiosk (101))-Deg1 (400d), 17-Sep-16*												
		A1400	Location 16(Outbd Traffic Control Kiosk (101))-Deg2 (480d)								◆ Location 16(Outbd Traffic Control Kiosk (101))-Deg2 (480d), 06-Dec-16*												
		A1410	Location 17(Inbd Private Car Exam Bldg(033))-Deg1 (-)								◆ Location 17(Inbd Private Car Exam Bldg(033))-Deg1 (-), 01-Dec-16*												
		A1420	Location 17(Inbd Private Car Exam Bldg(033))-Deg2 (550d)								◆ Location 17(Inbd Private Car Exam Bldg(033))-Deg2 (550d), 14-Feb-17*												
		A1430	Location 18(Outbd Private Car Exam Bldg(024))-Deg1 (-)								◆ Location 18(Outbd Private Car Exam Bldg(024))-Deg1 (-), 14-Jun-17*												
		A1440	Location 18(Outbd Private Car Exam Bldg(024))-Deg2 (670d)								◆ Location 18(Outbd Private Car Exam Bldg(024))-Deg2 (670d), 14-Jun-17*												
		A1450	Location 19(DOH Cargo Clearance Bldg(043))-Deg1 (-)								◆ Location 19(DOH Cargo Clearance Bldg(043))-Deg1 (-), 14-Feb-17*												
		A1460	Location 19(DOH Cargo Clearance Bldg(043))-Deg2 (550d)								◆ Location 19(DOH Cargo Clearance Bldg(043))-Deg2 (550d), 14-Feb-17*												
		A1461	Underground Ducting between Inbd Cargo Exam Bldg (037) and DOH Cargo Clearance Bldg (043) and CUE								◆ Underground Ducting between Inbd Cargo Exam Bldg (037) and DOH Cargo Clearance Bldg (043) and CUE, 29-Jun-16*												
		A1462	Underground Ducting between Inbd Cargo Exam Bldg (037) and Inbd Vehicle Clearance Plaza								◆ Underground Ducting between Inbd Cargo Exam Bldg (037) and Inbd Vehicle Clearance Plaza, 29-Jun-16*												
		A1463	Underground Ducting between CUE and Outbd Car Exam Bldg (023)								◆ Underground Ducting between CUE and Outbd Car Exam Bldg (023), 29-Jun-16*												
		A1464	Underground Ducting Between Outbd Cargo Exam Bldg (023) and Outbd Vehicle Clearance Plaza								◆ Underground Ducting Between Outbd Cargo Exam Bldg (023) and Outbd Vehicle Clearance Plaza, 29-Jun-16*												
		A1465	Underground Ducting between CUE and Outbd Vehicle Clearance Plaza								◆ Underground Ducting between CUE and Outbd Vehicle Clearance Plaza, 29-Jun-16*												
		A1466	Underground Ducting between CUE and Inbd P. Car Annex (025) and Shuttle Bus Kiosks (006)								◆ Underground Ducting between CUE and Inbd P. Car Annex (025) and Shuttle Bus Kiosks (006), 13-Aug-16*												
		A1467	Underground Ducting between PCB(001) and Inbd Coach Kiosks(010)								◆ Underground Ducting between PCB(001) and Inbd Coach Kiosks(010), 13-Aug-16*												
		A1468	Underground Ducting between CUE and Outbd PCA (032)								◆ Underground Ducting between CUE and Outbd PCA (032), 13-Aug-16*												
		A1478	Inbound Vehicle Clearance Plaza (Assume same as Location 3)								◆ Inbound Vehicle Clearance Plaza (Assume same as Location 3), 14-Feb-17*												
		A1488	Outbound Vehicle Clearance Plaza (Assume same as Location 4 degree 1 + 51 day)								◆ Outbound Vehicle Clearance Plaza (Assume same as Location 4 degree 1 + 51 day), 17-Mar-17, Interfaces/Provisions												
	 Interfaces Provisions																						
		A7000	Inbound VID foundation and mounting structure (assume same as Access date of Inbound Vehicle Clearance Plaza)									◆ Inbound VID foundation and mounting structure (assume same as Access date of Inbound Vehicle Clearance Plaza), 14-Feb-17*											
	A7010	Inbound VTS foundation and mounting poles (assume same as Access date of Inbound Vehicle Clearance Plaza)									◆ Inbound VTS foundation and mounting poles (assume same as Access date of Inbound Vehicle Clearance Plaza), 14-Feb-17*												
	A7020	Inbound TLS foundation and mounting poles (assume same as Access date of Inbound Vehicle Clearance Plaza)									◆ Inbound TLS foundation and mounting poles (assume same as Access date of Inbound Vehicle Clearance Plaza), 14-Feb-17*												
	A7030	Outbound VID foundation and mounting structure (assume same as Access date of Outbound Vehicle Clearance Plaza)									◆ Outbound VID foundation and mounting structure (assume same as Access date of Outbound Vehicle Clearance Plaza), 14-Feb-17*												
	A7040	Outbound VTS foundation and mounting poles (assume same as Access date of Outbound Vehicle Clearance Plaza)									◆ Outbound VTS foundation and mounting poles (assume same as Access date of Outbound Vehicle Clearance Plaza), 14-Feb-17*												
	A7050	Outbound TLS foundation and mounting poles (assume same as Access date of Outbound Vehicle Clearance Plaza)									◆ Outbound TLS foundation and mounting poles (assume same as Access date of Outbound Vehicle Clearance Plaza), 14-Feb-17*												
 WA4 Site Erection & Servicing																							
	A1740	Possession of Site									◆ Possession of Site, 14-Aug-15*												
	A1750	Method Statement & Drawing									◆ Method Statement & Drawing, 14-Aug-15*												
	A1760	Place Order to prepare materials									◆ Place Order to prepare materials, 14-Aug-15*												
	A1770	Review, revise and approve method statement									◆ Review, revise and approve method statement, 14-Aug-15*												
	A1780	Equipment mobilization and construction material delivered to the site									◆ Equipment mobilization and construction material delivered to the site, 14-Aug-15*												
	A1790	Set up the alignment and level of the u-channel									◆ Set up the alignment and level of the u-channel, 14-Aug-15*												
	A1800	Trial pit excavation									◆ Trial pit excavation, 14-Aug-15*												
	A1801	Excavation for chain-link fence footing									◆ Excavation for chain-link fence footing, 14-Aug-15*												
	A4540	Underground Utility detection									◆ Underground Utility detection, 14-Aug-15*												
	A4550	Delivery of asphalt and fencing materials									◆ Delivery of asphalt and fencing materials, 14-Aug-15*												
	A4560	Trimming and leveling soil surface for paving asphalt material									◆ Trimming and leveling soil surface for paving asphalt material, 14-Aug-15*												
	A4570	Remove the vegetation and lose material on the soil surface by backhoe									◆ Remove the vegetation and lose material on the soil surface by backhoe, 14-Aug-15*												
	A4580	Set out the alignment and level of the u-channel									◆ Set out the alignment and level of the u-channel, 14-Aug-15*												
Programme No.: HZMB-DWP Data Date: 14-Aug-15			 Actual Level of Effort  Actual Work  Remaining Work  Critical Remaining Work ◆ Milestone ▼ summary			Hong Kong-Zhuhai-Macao Bridge Hong Kong Boundary Crossing Facilities - Automatic Vehicle Clearance Support System (AVCSS)										Date 14-Nov-16	Revision Rev.: 0	Checked WC	Approved LC				


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Activity ID		Activity Name													2015			2016				2017				2018				2019		3																																																						
															Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2																																																							
		A4590	Installation of fencing post along the site boundary																																																																																			
		A4600	Excavation for underground drainage pipe																																																																																			
		A4610	Evenly spread the asphalt scrap material by backhoe																																																																																			
		A4620	Cast concrete for the u-channel and underground drainage pipe																																																																																			
		A4630	Remove the u-channel framework																																																																																			
		A4640	Installation of chain-link fencing along the site boundary																																																																																			
		A4650	Installation of access doors																																																																																			
		A4660	Excavation for drainage ditch																																																																																			
		A4670	Cast concrete for the drainage ditch																																																																																			
		A4680	Compact the asphalt scrap material																																																																																			
		A4690	Land surveying																																																																																			
		A4700	Inspection of chain-link fencing and access doors																																																																																			
		A4710	Testing of drains																																																																																			
		A4720	Completion of the works																																																																																			
	 Detailed Design Specification																																																																																					
		A1808	Preliminary System Proposal Submission																																																																																			
		A1809	Engineer's agreement with preliminary system proposal																																																																																			
		A1810	Draft Detailed Design Specification (DDS) Submission																																																																																			
		A1814	Draft Hardware Function Design Specification for Computer system and Network system (HFD)																																																																																			
		A1815	Draft Software Function Design Specification for Computer system and Network system (SFD)																																																																																			
	A1820	Engineer's Review and Approval for Draft Detailed Design Specification (DDS)																																																																																				
	A1823	Engineer's Review and Approval for Draft Hardware FDS for Computer system and Network system (HFD)																																																																																				
	A1824	Engineer's Review and Approval for Draft Software FDS for Computer system and Network system (SFD)																																																																																				
	A1829	Interface Requirements for CED (LBS, CED IT Server, Metro-Ethernet) and IMMD (AVCS)																																																																																				
	A1830	Final DDS Submission (AVCSS,VTS,VIDS)(Phase 1/Section I)																																																																																				
	A1831	Development of System Security Plan																																																																																				
	A1840	Engineer's Review and Approval for Final DDS Submission including System Security Plan (AVCSS)(Phase 1/Section I)																																																																																				
	A1850	Final DDS Submission (AVCSS)(Phase 2/Section II&III)																																																																																				
	A1860	Engineer's Review and Approval for DDS Submission (AVCSS)(Phase 2/Section II&III)																																																																																				
 Contruction Design and Management																																																																																						
	A6920	Construction Health and Safety Plan Submission																																																																																				
	A6930	Construction Health and Safety Plan reviewed by Engineer																																																																																				
 Supply/Manufacture Mock-up items																																																																																						
	A4749	Preparation of Kiosk equipment Mock-up																																																																																				
	A4750	Installation of Kiosk equipment Mock-up																																																																																				
 Supply/Manufacture prototypes																																																																																						
	A2900	Manufacture LED Display Prototype (VID, ODB and XDB)																																																																																				
	A2910	Manufacture All-In-One Panel Prototype (AIOP)																																																																																				
 Software Design, Coding and Testing																																																																																						
Programme No.: HZMB-DWP Data Date: 14-Aug-15			 Actual Level of Effort  Actual Work  Remaining Work  Critical Remaining Work  Milestone  summary												Hong Kong-Zhuhai-Macao Bridge Hong Kong Boundary Crossing Facilities - Automatic Vehicle Clearance Support System (AVCSS)																								Date 14-Nov-16												Revision Rev.: 0												Checked WC												Approved LC											

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Activity ID	Activity Name		2015			2016				2017				2018				2019		3			
			Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2				
	 A4370	Engineer's Approval for FAT Report Submission										Engineer's Approval for FAT Report Submission											
		Supply/Manufacture Equipment																					
	 A6830	Supply/Manufacture LED (ODB, VID and XDB) Display for installation										10-Feb-17, Supply/Manufacture Equipment											
	 A6840	Supply/Manufacture AIOP for installation										Supply/Manufacture LED (ODB, VID and XDB) Display for installation											
		Delivery and Bench Acceptance Test for Phase 1/ Section I																					
	 A6740	Material On-Site for Phase 1/Section I																					
	 A6750	Material Bench Acceptance Test for Phase 1/Section I																					
	 A6850	Cable On-Site for Phase 1/Section I																					
	 A6960	AIOP On-Site for Phase 1/Section I																					
	 A6970	AIOP Bench Acceptance Test for Phase 1/Section I																					
	 A6980	LED (ODB, VID and XDB) On-Site for Phase 1/Section I																					
	 A6990	LED (ODB, VID and XDB) Bench Acceptance Test for Phase 1/Section I																					
		Installation - Phase 1 / Section I																					
		Location 1(PCB (001) Basement)																					
	 A3081	Cable Laying and termination at Location 1 and Location 2																					
		Location 1(PCB (001) ELV Room (Grid Line E3))																					
	 A3101	Cable Laying and termination at Location 1 and Location 2																					
		Location 2(PCB (001) Ground Floor ELV Room (Grid Line E3))																					
	 A3121	Cable Laying and termination at Location 1 and Location 2																					
		Location 2(PCB (001) Ground Floor DOH Port Health Control Room (Grid Line BD))																					
	 A2041	Cable Laying and termination at Location 1 and Location 2																					
	 A2042	Cable Testing																					
	 A2043	Intercom and PA system Installation																					
	 A2044	Intercom and PA system tuning																					
		Location 2(PCB (001) First Floor Main Server Room)																					
	 A2001	Cable Laying and termination at Location 1 and Location 2																					
	 A2002	Cable Testing																					
	 A2003	AVCSS Network and Server Installation																					
	 A2004	AVCSS Network and Server Tuning																					
		Location 3(Inbd Cargo Exam Bldg (037) Inspector Offices 128,129,130,131,128,129)																					
	 A3241	Cable Laying and termination in Location 3 and Location 3a																					
	 A3242	AVCSS SURCON WS and 55" LCD Installation																					
	 A3243	VTS WS Installation																					
	 A3245	SURCON, WS Tuning																					
		Location 3(Inbd Cargo Exam Bldg (037) ELV Room)																					
	 A3210	Cable Laying and termination between Location 3 and CUE																					
		Location 3(Inbd Cargo Exam Bldg (037) Platform Control Room)																					
	 A2071	Cable Laying and termination in Location 3 and Location 3a																					
	 A2072	AVCSS SYSCON WS and 55" TV Wall Installation																					
	 A2074	AVCSS SYSCON WS Tuning																					
		Location 3(Inbd Cargo Exam Bldg (037) MDF Room)																					
	 A3190	Cable Laying and termination between Location 3 and CUE																					
		Location 3a(Inbd Cargo Exam Bldg (037) ROCARS Room)																					
	 A2091	Cable Laying and termination in Location 3 and Location 3a																					
	 A2092	AVCSS SYSCON,SURCON and Intercom Installation																					
Programme No.: HZMB-DWP Data Date: 14-Aug-15			 Actual Level of Effort  Actual Work  Remaining Work  Critical Remaining Work  Milestone  summary			Hong Kong-Zhuhai-Macao Bridge Hong Kong Boundary Crossing Facilities - Automatic Vehicle Clearance Support System (AVCSS)								Date 14-Nov-16	Revision Rev.: 0	Checked WC	Approved LC						

Contract No.: HY/2013/06			Detail Work Programme										Page 9 of 14																				
Activity ID		Activity Name													2015				2016				2017				2018				2019		3
															Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2		
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Activity ID		Activity Name													2015			2016				2017				2018				2019		3
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		A2370	Testing & Commissioning Documents Submission (8 weeks before Testings carried out)																													
		A2371	Engineer Approval for T&C Document																													
		A2373	Initial on-site Testing & Commissioning																													
		A2380	Site Acceptance Test (SAT)																													
		A2390	Operation Acceptance Test (OPT)																													
	 Completion (Phase 2 / Section III)																															
		A2400	AVCSS - Certificate of Completion (Phase 2/Section III)																													
		A4330	Certificate of Completion Approval by Enginner																													
	 Operation (Phase 2 / Section III)																															
		A2420	Site Operation (Phase 2/Section II & III)																													
	 Defect Liability Period (DLP)																															
		A2430	DLP																													
	 Document Submission (Phase 2 / Section III)																															
		A4340	As-built Drawings and O&M Manual																													

Programme No.: HZMB-DWP Data Date: 14-Aug-15		<div><div></div> Actual Level of Effort</div> <div><div></div> Actual Work</div> <div><div></div> Remaining Work</div> <div><div></div> Critical Remaining Work</div> <div><div></div> Milestone</div> <div><div></div> summary</div>	Hong Kong-Zhuhai-Macao Bridge Hong Kong Boundary Crossing Facilities - Automatic Vehicle Clearance Support System (AVCSS)		<table><tr><td>Date</td><td>Revision</td><td>Checked</td><td>Approved</td></tr><tr><td>14-Nov-16</td><td>Rev.: 0</td><td>WC</td><td>LC</td></tr></table>	Date	Revision	Checked	Approved	14-Nov-16	Rev.: 0	WC	LC
Date	Revision	Checked	Approved										
14-Nov-16	Rev.: 0	WC	LC										