

MATERIALAB CONSULTANTS LIMITED

Room 723 & 725, 7/F, Block B,
Profit Industrial Building,
1-15 Kwai Fung Crescent, Kwai Fong,
Hong Kong.

Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com

The logo for MaterialLab, featuring the word "MaterialLab" in a bold, sans-serif font. The text is white and is set against a black background that consists of two thick horizontal bars, one above and one below the text.

Report No.: 0165/15/ED/0908

Appendix C

Construction Programme

HZMB HK Boundary Crossing Facilities - Vehicle Clearance Plazas and Ancillary Buildings and Facilities

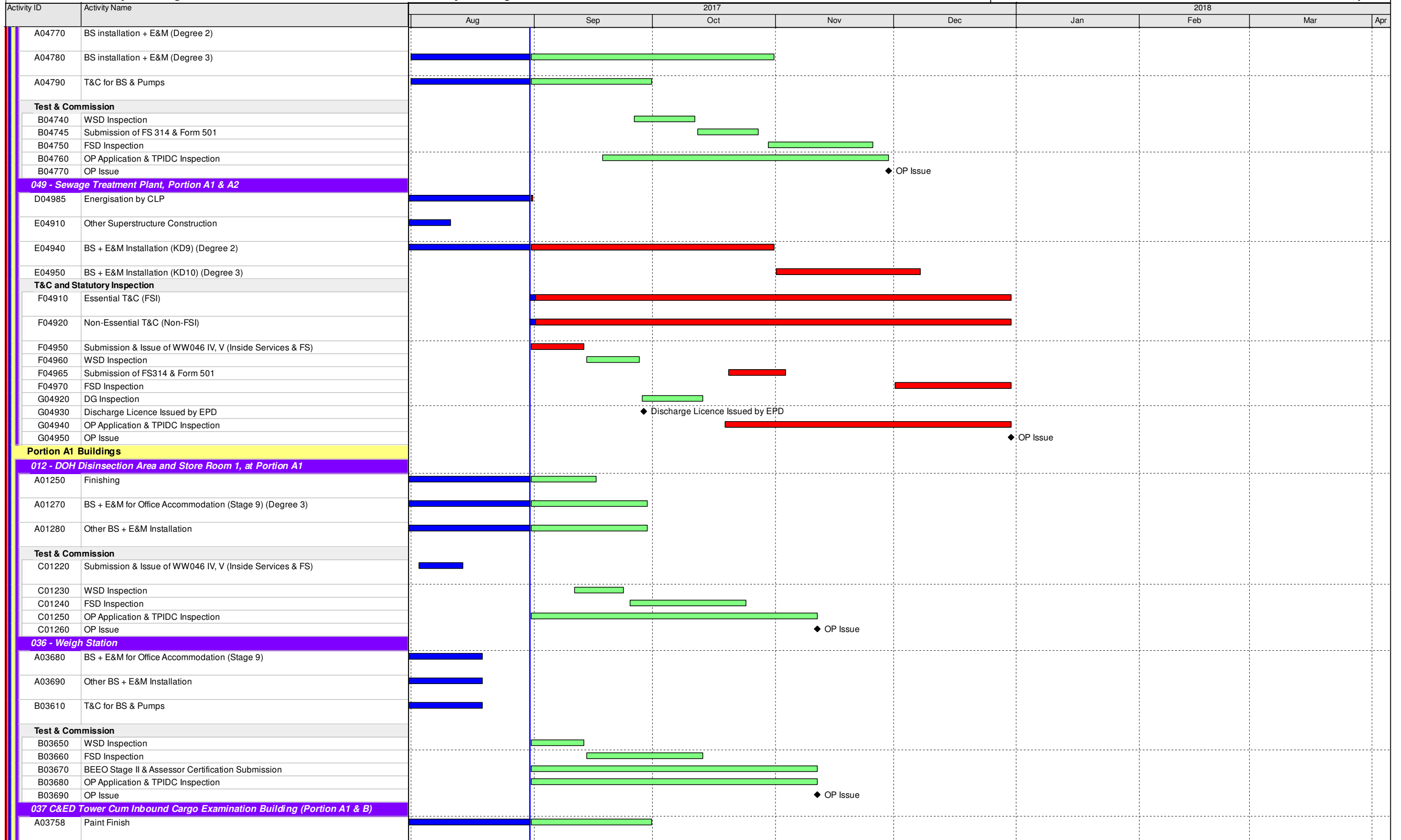
04-Sep-17

Activity ID	Activity Name	2017					2018			
		Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
HKBCF - VCP & Ancillary Buildings and Facilities, DWP04 (+ DRMS 2)										
CONTRACT DATES										
Key Dates										
A1090	KD9 Achievement of Stage 8 of the Works (633 days; 01 Jan. 17 EOT 1)									◆ KD9 Achievement of Stage 8 of the Works (633 days; 01 Jan. 17 EOT 1)
A1100	KD10 Achievement of Stage 9 of the Works (723 days; 01 Apr. 17 EOT 1)									◆ KD10 Achievement of Stage 9 of the Works (723 days; 01 Apr. 17 EOT 1)
A1110	KD11 Achievement of Stage 10 of the Works (730 days; 08 Apr. 17)			◆ KD11 Achievement of Stage 10 of the Works (730 days; 08 Apr. 17)						
A1120	KD12 Achievement of Stage 11 of the Works (770 days; 18 May 17)				◆ KD12 Achievement of Stage 11 of the Works (770 days; 18 May 17)					
A1140	KD14 Achievement of Stage 13 of the Works (554 days; 14 Oct. 16)									◆ KD14 Achievement of Stage 13 of the Works (554 days; 14 Oct. 16)
A1150	KD15 Achievement of Stage 14 of the Works (548 days; 08 Oct. 16)									◆ KD15 Achievement of Stage 14 of the Works (548 days; 08 Oct. 16)
A1160	KD16 Achievement of Stage 15 of the Works (548 days; 08 Oct. 16)			◆ KD16 Achievement of Stage 15 of the Works (548 days; 08 Oct. 16)						
A1170	KD17 Achievement of Stage 16 of the Works (548 days; 08 Oct. 16)			◆ KD17 Achievement of Stage 16 of the Works (548 days; 08 Oct. 16)						
A1180	KD18 Achievement of Stage 17 of the Works (490 days; 11 Aug. 16)									◆ KD18 Achievement of Stage 17 of the Works (490 days; 11 Aug. 16)
A1180A	KD18A Achievement of Stage 18 of the Works (478 days; 30 Jul. 16 EOT 1)									◆ KD18A Achievement of Stage 18 of the Works (478 days; 30 Jul. 16 EOT 1)
A1180B	KD18B Achievement of Stage 19 of the Works (558 days; 18 Oct. 16 EOT 1)									◆ KD18B Achievement of Stage 19 of the Works (558 days; 18 Oct. 16 EOT 1)
A1180C	KD18C Achievement of Stage 20 of the Works (670 days; 07 Feb. 17)		◆ KD18C Achievement of Stage 20 of the Works (670 days; 07 Feb. 17)							
A1180D	KD18D Achievement of Stage 21 of the Works (745 days; 23 Apr. 17)			◆ KD18D Achievement of Stage 21 of the Works (745 days; 23 Apr. 17)						
A1180E	KD18E Achievement of Stage 22 of the Works (835 days; 22 Jul. 17)			◆ KD18E Achievement of Stage 22 of the Works (835 days; 22 Jul. 17)						
A1180F	KD18F Achievement of Stage 23 of the Works (730 days; 08 Apr. 17)			◆ KD18F Achievement of Stage 23 of the Works (730 days; 08 Apr. 17)						
A1180G	KD18G Achievement of Stage 24 of the Works (770 days; 18 May 17)					◆ KD18G Achievement of Stage 24 of the Works (770 days; 18 May 17)				
A1190	KD19 Achievement of Section IA of the Works (680 days; 17 Feb. 17)									◆ KD19 Achievement of Section IA of the Works (680 days; 17 Feb. 17)
A1200	KD20 Achievement of Section IB of the Works (680 days; 17 Feb. 17)									◆ KD20 Achievement of Section IB of the Works (680 days; 17 Feb. 17)
A1210	KD21 Achievement of Section IIA of the Works (770 days; 18 May 17)					◆ KD21 Achievement of Section IIA of the Works (770 days; 18 May 17)				
A1220	KD22 Achievement of Section IIB of the Works (770 days; 18 May 17)					◆ KD22 Achievement of Section IIB of the Works (770 days; 18 May 17)				
A1230	KD23 Achievement of Section IIC of the Works (770 days; 18 May 17)					◆ KD23 Achievement of Section IIC of the Works (770 days; 18 May 17)				
A1240	KD24 Achievement of Section III of the Works (675 days; 12 Feb. 17)									◆ KD24 Achievement of Section III of the Works (675 days; 12 Feb. 17)
A1250	KD25 Achievement of Section IV of the Works (965 days; 30 Nov. 17)									◆ KD25 Achievement of Section IV of the Works (965 days; 30 Nov. 17)
A1270	KD27 Achievement of Section VI of the Works (1331 days; 30 Nov. 18)									◆ KD27 Achievement of Section VI of the Works (1331 days; 30 Nov. 18)
A1280	KD28 Achievement of Section VII of the Works (966 days; 30 Nov. 17)									◆ KD28 Achievement of Section VII of the Works (966 days; 30 Nov. 17)
A1290	KD29 Achievement of Section VIII of the Works (910 days; 05 Oct. 17)									◆ KD29 Achievement of Section VIII of the Works (910 days; 05 Oct. 17)
A1300	KD30 Achievement of Section IX of the Works (910 days; 05 Oct. 17)									◆ KD30 Achievement of Section IX of the Works (910 days; 05 Oct. 17)
A1310	KD31 Achievement of Section X of the Works (790 days; 07 Jun. 17)									◆ KD31 Achievement of Section X of the Works (790 days; 07 Jun. 17)
Site Access & Possession										
Access to Locations of the Site										
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)
PORTION A1										
Portion A1 Structures										
Bridge A9										
Structure Deck										
SA9470	Parapet (38 pour) & E&M Works									
SA9480	Bituminous Paving (492 ton) (KD25)									
Retaining Wall W8-1										
SW8120	Backfilling W8-1									
SW8130	Parapet W8-1 (16 pour) & E&M Works									
SW8140	RW8-1 Drainage system & Cable Laying									
SW8150	Bituminous Paving W8-1 (347 ton) (KD25)									
Retaining Wall W9-1										
SW9120	Backfilling W9-1									
SW9130	Parapet W9-1 (16 pour) & E&M Works									
SW9140	Drainage System & Cable Laying									
SW9150	Bituminous Paving W9-1 (347 ton)									
047 - Fresh Water Pumping Station, Portion A1 & A2										

- █ Actual Work
- █ Remaining Work
- █ Critical
- ◆ Milestone

WORKS PROGRAMME UPDATED 31 AUGUST 2017
VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES
 Page 1 of 27

Date	Revision	Checked	A.
30-Jun-17	Works Programme (DWP4), updated as of 30 June 2017	ZJ	
31-Jul-17	Works Programme (DWP4), updated as of 31 July 2017	ZJ	
31-Aug-17	Works Programme (DWP4), updated as of 31 Aug. 2017	ZJ	



█ Actual Work
█ Remaining Work
█ Critical
◆ Milestone

WORKS PROGRAMME UPDATED 31 AUGUST 2017
VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES
 Page 2 of 27

Date	Revision	Checked	A.
30-Jun-17	Works Programme (DWP4), updated as of 30 June 2017	ZJ	
31-Jul-17	Works Programme (DWP4), updated as of 31 July 2017	ZJ	
31-Aug-17	Works Programme (DWP4), updated as of 31 Aug. 2017	ZJ	

Activity ID	Activity Name	2017					2018				
		Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	
A03770	BS + E&M for AVCSS Cabling (KD18B)										
A03785	BS for Office Accommodation (KD10)	█									
A03790	Other BS + E&M Installation	█									
Test & Commission											
B03710	T&C for BS & Pumps	█	█	█	█	█					
B03760	Lift Inspection by EMSD		█								
B03770	WSD Inspection		█								
B03780	FSD Inspection		█	█							
B03790	Beam Plus Monthly Submission & Issue	█	█	█	█	█					
C03710	BEEO Stage II & Assessor Certification Submission		█	█	█	█					
C03720	OP Application & TPIDC Inspection		█	█	█	█					
C03730	OP Issue					◆					
041 Fire Station Cum Ambulance Depot											
A04133	Wall Plastering/Wall Tiling	█									
A04134	Floor Screeding/Tiling/Vinyl Tiles	█									
A04137	False Ceiling Installation		█	█							
A04140	BS for Office Accommodation (Stage 8), Degree 2										
A04150	BS + E&M for Office Accommodation (Stage 9), Degree 3	█	█	█	█						
A04160	Other BS + E&M Installation	█	█	█	█						
A04170	External Finishing	█	█	█							
A04180	C/S Plastering/Tiling		█	█	█	█					
A04190	Cater Equipment Installation		█	█	█	█					
Fuel Filling Station incl. BS & E/M											
B04100	All Works for Fuel Filling Station	█	█	█							
Test & Commission											
B04110	T&C for BS & Pumps	█	█	█	█	█					
B04130	Submission & Issue of WW046 IV, V (Inside Services & FS)		█								
B04140	Form 314 & 501 submission		◆								
B04150	Form LE5 Submission to EMSD		◆								
B04170	WSD Inspection		█								
B04180	FSD Inspection		█	█							
C04110	Lift Inspection by EMSD		█	█	█						
C04120	DG Inspection		█	█	█						
C04130	Beam Plus Monthly Submission & Issue	█	█	█	█	█					
C04140	BEEO Stage II & Assessor Certification Submission		█	█	█	█					
C04170	OP Application & TPIDC Inspection		█	█	█	█					
C04180	OP Issue					◆					
042 Drill Tower											
A04260	Finishing	█									
A04280	BS + E&M for Office Accommodation (Stage 9)	█	█	█	█						
A04290	Other BS + E&M Installation	█	█	█	█						
Test & Commission											
B04210	BEEO Stage II & Assessor Certification Submission	█	█	█	█						
B04220	T&C for BS Pumps	█	█	█							
B04230	WSD Inspection		█								

█ Actual Work
█ Remaining Work
█ Critical
◆ Milestone

WORKS PROGRAMME UPDATED 31 AUGUST 2017
VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES
 Page 3 of 27

Date	Revision	Checked	A.
30-Jun-17	Works Programme (DWP4), updated as of 30 June 2017	ZJ	
31-Jul-17	Works Programme (DWP4), updated as of 31 July 2017	ZJ	
31-Aug-17	Works Programme (DWP4), updated as of 31 Aug. 2017	ZJ	

Activity ID	Activity Name	2017					2018				
		Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	
B04240	FSD Inspection										
B04250	OP Application & TPIDC Inspection										
B04260	OP Issue										
043 DOH Office + Store Room											
A04370	Cladding & Curtain Wall Installation (incl. steel & metal works)										
A04390	BS + E&M for Office Accommodation (Stage 9)										
B04310	Other BS + E&M Installation										
B04330	Stainless Steel Mesh Installation										
B04340	Metal Windows/Louvres/Doors/Railing etc. installation										
B04360	Wall Plastering/Tiling										
B04380	False Ceiling Installation & Painting										
B04390	Carpentry (Wooden Doors/Partition/Lockers/Etc.)										
C04310	C/S Wall Plastering										
C04320	Paint Finishing to Walls										
Test & Commission											
C04330	T&C for BS & Pumps										
C04350	Submission & Issue of WW046 IV, V (Inside Services & FS)										
C04370	Form 314 & 501 submission										
D04310	WSD Inspection										
D04320	FSD Inspection										
D04330	Lift Inspection by EMSD										
D04340	DG Inspection										
D04350	BEE0 Stage II & Assessor Certification Submission										
D04380	OP Application & TPIDC Inspection										
D04390	OP Issue										
052 - Transforms (Zone 4)											
Fuel Filling Station incl. BS & E/M											
A05290	All Works for Fuel Filling Station										
T&C and Statutory Inspection											
B05210	T&C for BS & Pumps										
B05230	DG Inspection										
B05270	Non-Essential T&C (Non-FSI)										
B05280	OP Application & TPIDC Inspection										
B05290	Provision of TPIDC's Completion Certificate (OP Issue)										
Completion of Fire Services Installation and Equipment (FCD)											
C05210	Approved Building Plans										
C05220	Application for FSI Inspection (FSI/501) c/w FSI Plan (FSI/314)										
C05230	Provision of Direct Link for Fire Alarm System by Chubb										
C05240	FSI Inspection										
C05250	Acceptance by FSD										
105 IMMID Guard Booth, Portion A1(Mock Up)											
B10540	Finishing										
B10550	BS for Office Accommodations (KD9)										
B10560	BS + E&M for Office Accommodation (KD10)										
B10570	Other BS + E & M Installation										
C10540	T&C for BS & Pumps										
C10550	Form 314 & 501 Submission										
C10560	FS Inspection by FSD										
C10570	OP Application & TPIDC Inspection										

■ Actual Work
■ Remaining Work
■ Critical
◆ Milestone

WORKS PROGRAMME UPDATED 31 AUGUST 2017
VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES
 Page 4 of 27

Date	Revision	Checked	A.
30-Jun-17	Works Programme (DWP4), updated as of 30 June 2017	ZJ	
31-Jul-17	Works Programme (DWP4), updated as of 31 July 2017	ZJ	
31-Aug-17	Works Programme (DWP4), updated as of 31 Aug. 2017	ZJ	

Activity ID	Activity Name	2017					2018					
		Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr		
C10580	OP Issue											◆ OP Issue
Facade Envelop Structure Installation												
B10590	Fabrication of F/C System											
C10520	Steel Frame Installation											
C10530	Envelop Cladding and Roofing Panel Installation											
210 - ImmD GV Secondary Examination Bays Inbound												
ER5830	Construction of the Area and Access to the Interface Contractor											
External Works for Portion A1												
Drainage Works												
ED5590	Drainage Works (774m & 35MHs), Stage 2											
ED5600	Sewerage (300m & 9MHs), Stage 2											
ED5610	Drainage Works (773m & 34MHs), Stage 3											
ED5620	Sewerage (269m & 7MHs), Stage 3											
Waterpipe Laying												
EW5010	Fresh Water Main Laying (1660 m)											
EW6010	Flushing Water Main Laying (967 m)											
EW6180	Chilled Water Pipe Laying in Portion A1 (external)											
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											
Roadworks												
ER1520	Subbase (8500 ton), Stage 1											
ER3540	Bitumen Pavement (10000 ton), Stage 1											
ER3550	Rigid Pavement (900 m3), Footpath & EVA, Stage 1											
ER5530	Subbase (8829 ton), Stage 2 (Remaining)											
ER5540	Bitumen Pavement (10056 ton), Stage 2 (Remaining)											
ER5550	Rigid Pavement (957 m3), Footpath & EVA, Stage 2 (Remaining)											
Railing												
ER0820	Railing											
Road Furniture												
ER0800	ELV Installation											
ER0830	Road Furniture											
PORTION A2												
Portion A2 Structures												
046 - Refuse Collection Point, Portion A2												
A04630	BS for Office Accommodations (Stage 8) (KD9)											
A04640	BS + E&M for Office Accommodations (Stage 9) (KD10)											
A04660	Other BS + E&M Installation											
Test & Commission												
B04620	Submission & Issue of WW046 I, II, III (Inside Services & FS)											
B04630	Submission & Issue of WW046 IV, V (Inside Services & FS)											
B04650	T&C for BS & Pumps											
B04660	WSD Inspection											
B04670	FSD Inspection											
B04680	OP Application & TPIDC Inspection											
B04690	OP Issue											◆ OP Issue
048 - Reclaimed Water Pumping Station, Portion A2												
B04820	BS for Office Accommodations (Stage 8) (KD9)											
B04830	BS + E&M for Office Accommodation (Stage 9) (KD10)											

■ Actual Work
■ Remaining Work
■ Critical
◆ Milestone

WORKS PROGRAMME UPDATED 31 AUGUST 2017
VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES
 Page 5 of 27

Date	Revision	Checked	A.
30-Jun-17	Works Programme (DWP4), updated as of 30 June 2017	ZJ	
31-Jul-17	Works Programme (DWP4), updated as of 31 July 2017	ZJ	
31-Aug-17	Works Programme (DWP4), updated as of 31 Aug. 2017	ZJ	

Activity ID	Activity Name	2017					2018				
		Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	
B04840	Other BS + E&M Installation	[Actual Work]		[Remaining Work]							
Test & Commission											
B04850	T&C for BS & Pumps & SWT		[Remaining Work]								
B04870	DG Inspection			[Remaining Work]							
B04890	Submission & Issue of WW046 IV, V (Inside Services & FS)		[Remaining Work]								
C04810	Form 314 & 501 submission		[Remaining Work]								
C04840	WSD Inspection		[Remaining Work]								
C04850	FSD Inspection			[Remaining Work]							
C04860	OP Application & TPIDC Inspection		[Remaining Work]								
C04870	OP Issue										
Retaining Wall W9-2											
SW9220	Backfilling for Retaining Wall W9-2	[Actual Work]									
SW9230	Parapet for Retaining Wall W9-2 (22 pour) & E&M Works		[Critical]								
SW9240	Retaining Wall W9-2 Drainage System & Cable Laying			[Critical]							
SW9250	Bituminous Paving for Retaining Wall W9-2 (521 ton) (KD13)				[Critical]						
External Works for Portion A2											
Drainage Works											
ED2280	Drainage Works (228m & 15MHs)		[Remaining Work]								
ED3560	Sewerage (322m & 9MHs)		[Remaining Work]								
Waterpipe Laying											
EW2290	Fresh Water Main Laying (236m)		[Critical]								
EW2300	Flushing Water Main Laying (91m)		[Critical]								
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting											
EU5280	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV			[Critical]							
EU5290	Duct & Cable Laying for TCSS & Lighting			[Critical]							
EU5620	Access date to Telephone Companies										
Roadworks											
ER5560	Subbase (815 ton)										
ER5570	Bitumen Pavement (1123 ton)										
ER5580	Concrete Block Paving for EVA										
Railing											
ER2350	Railing										
Road Furniture											
ER2340	ELV Installation										
ER2360	Road Furniture										
PORTION B											
Portion B Structures											
Retaining Wall W7-2											
S70910	C3-S6 Slopeworks		[Remaining Work]								
S70970	Retaining Wall W7-2 Parapet (2 pour) & E&M Works		[Remaining Work]								
S70980	Retaining Wall W7-2 Drainage System & Cable Laying			[Remaining Work]							
S70990	Retaining Wall W7-2 Bituminous Paving (79 ton) (KD25)				[Remaining Work]						
Retaining Wall W6-1											
S62070	Retaining Wall W6-1 Parapet (8 pour) & E&M Works		[Remaining Work]								
S62080	Retaining Wall W6-1 Drainage System & Cable Laying			[Remaining Work]							
S62210	Retaining Wall W6-1 Bituminous Paving (347 ton) (KD25)				[Remaining Work]						
Bay 25 - 29 of CUE/Staff Subway											
C02960	Internal Finishes & Cable Containment	[Actual Work]									
C02970	BS + E&M Installation for AVCSS	[Actual Work]									
Portion B Buildings											
027/028 Inbound Kiosks & 029 Outbound Kiosks											
A02720	Superstructure	[Actual Work]									
A02730	Construction of Subway Entrance	[Actual Work]									
A02740	Construction of Subway Toilets		[Remaining Work]								
A02750	Finishing	[Actual Work]		[Critical]							

█ Actual Work
█ Remaining Work
█ Critical
◆ Milestone

WORKS PROGRAMME UPDATED 31 AUGUST 2017
VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES

Date	Revision	Checked	A.
30-Jun-17	Works Programme (DWP4), updated as of 30 June 2017	ZJ	
31-Jul-17	Works Programme (DWP4), updated as of 31 July 2017	ZJ	
31-Aug-17	Works Programme (DWP4), updated as of 31 Aug. 2017	ZJ	

Activity ID	Activity Name	2017					2018				
		Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	
A02760	BS for Office Accommodation	Actual Work	Remaining Work	Remaining Work							
A02770	BS + E&M for office accommodation (Stage 9)		Remaining Work	Remaining Work	Remaining Work						
A02790	BS + E&M for AVCSS Cabling (KD18B)	Actual Work	Remaining Work								
B02720	Other BS + E&M Installation	Actual Work	Remaining Work	Remaining Work							
Test & Commission											
B02810	T&C for BS & Pumps				Critical						
B02830	Submission & Issue of WW046 IV, V (Inside Services & FS)		Remaining Work								
B02840	WSD Inspection			Remaining Work							
B02860	OP Application & TPIDC Inspection				Critical	Critical					
B02870	OP Issue										◆ OP Issue
027/028 Inbound Kiosks & 029 Outbound Kiosks, Section IX, Subject to Excision											
B02750	Superstructure	Actual Work	Critical								
B02752	Finishing	Actual Work	Critical	Critical	Critical						
B02760	BS + E&M for AVCSS Works (KD18C)										
B02770	BS + E&M for AVCSS Works (KD18D)		Critical								
B02780	BS + E&M for allowing users to move in furniture (KD18E)	Actual Work	Critical								
B02790	Pavement & Drainage (KD30)		Remaining Work	Remaining Work							
Test & Commission											
D02710	T&C for BS & Pumps				Critical	Critical					
D02730	Submission & Issue of WW046 IV, V (Inside Services & FS)		Critical								
D02740	WSD Inspection			Critical							
D02760	OP Application & TPIDC Inspection				Critical	Critical					
D02770	OP Issue										◆ OP Issue
026 Inbound IMMID and DOH Secondary Screening Building											
A02640	Finishing	Actual Work	Remaining Work								
A02680	BS + E&M for Office Accommodation (Stage 9)	Actual Work	Remaining Work	Remaining Work							
A02690	Other BS + E&M Installation	Actual Work	Remaining Work								
Test & Commission											
B02640	BEE0 Stage II & Assessor Certification Submission				Critical	Critical					
B02650	TC for BS & Pumps	Actual Work	Critical	Critical	Critical						
B02660	WSD Inspection				Critical						
B02670	FSD Inspection					Critical					
C02610	OP Application & TPIDC Inspection				Critical	Critical					
C02620	OP Issue										◆ OP Issue
054 Inbound Fixed X-ray Building											
A05460	Finishing	Actual Work									
A05480	BS + E&M for Office Accommodation (Stage 9)	Actual Work									
A05490	Other BS + E&M Installation	Actual Work									
Fuel Filling Station incl. BS & E/M											
B05490	All Works for Fuel Filling Station	Actual Work									
T&C and Statutory Inspection for Zone 4a											
B05400	BEE0 Stage II & Assessor Certification Submission		Remaining Work	Remaining Work							
B05420	T&C for BS & Pumps	Actual Work	Critical	Critical	Critical						
B05430	Form LE Submission to EMSD										◆ Form LE Submission to EMSD
B05440	Lift Inspection by EMSD		Remaining Work								
B05460	DG Inspection	Actual Work									
F05430	Provision of TPIDC's Completion Certificate (OP Issue)										◆ Provision of TPIDC's Completion Certificate (OP Issue)
Completion of Fire Services Installation and Equipment (FCD)											

■ Actual Work
■ Remaining Work
■ Critical
◆ Milestone

WORKS PROGRAMME UPDATED 31 AUGUST 2017
VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES
 Page 7 of 27

Date	Revision	Checked	A.
30-Jun-17	Works Programme (DWP4), updated as of 30 June 2017	ZJ	
31-Jul-17	Works Programme (DWP4), updated as of 31 July 2017	ZJ	
31-Aug-17	Works Programme (DWP4), updated as of 31 Aug. 2017	ZJ	

Activity ID	Activity Name	2017					2018				
		Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	
F05450	Application for FSI Inspection (FSI/501) c/w FSI Plan (FSI/314)	█									
F05460	Provision of Direct Link for Fire Alarm System by Chubb		◆								
F05470	FSI Inspection (2 Trials)		█								
F05480	Acceptance by FSD			◆							
Waterworks Ordinance (WSD)											
G05410	Approval Letter and approved Drawings		◆								
G05430	Submission of WWO46 - Part IV (Inside Services)		█								
G05440	WSD Inspection & Issue of WWO46 - Part V (Inside Services)		█								
G05450	Water Connection & Water Supplies Certificate issued by WSD (Inside Services)			█							
038 AFCD Office											
A03850	Finishing + Curtain Wall Installation	█	█								
A03870	BS for Office Accommodation (Stage 8)	█									
A03880	BS + E&M for Office Accommodation (Stage 9)	█	█								
A03890	Other BS + E&M Installation	█	█								
Test & Commission											
B03810	T&C for BS & Pumps		█	█	█						
B03840	Submission & Issue of WW046 IV, V (Inside Services & FS)			█							
B03850	WSD Inspection				█						
B03880	Form 314 & 501 submission		█								
C03820	Form 2 Submission		◆								
C03830	Lift Inspection by EMSD		█								
C03850	FSD Inspection			█							
C03860	BEEO Stage II & Assessor Certification Submission		█	█							
C03870	OP Application & TPIDC Inspection			█	█						
C03880	OP Issue							◆			
039 Police Main Building											
A03940	Finishing + Curtain Wall Installation	█	█								
A03950	BS for Office Accommodation (Stage 8), & for TCSS works (KD14)	█									
A03960	BS + E&M for Office Accommodation (Stage 9)	█	█								
A03970	Other BS + E&M Installation	█	█								
Fuel Filling Station incl. BS & E/M											
B03910	All Works for Fuel Filling Station	█	█								
Test & Commission											
B03930	Submission & Issue of WW046 IV, V (Inside Services & FS)		█								
B03940	BEEO Stage II & Assessor Certification Submission		█	█							
B03950	Beam Plus Monthly Submission & Issue	█	█								
B03960	Form 314 & 501 submission		█								
C03920	DG Inspection		█								
C03960	Lift Inspection by EMSD		█								
C03970	T&C for BS & Pumps		█	█							
C03980	WSD Inspection			█							
C03990	FSD Inspection				█						
D03930	OP Application & TPIDC Inspection			█	█						
D03940	OP Issue							◆			
040 Incident Control Tower											
A04050	Finishing (KD9)	█	█								
A04060	BS for Office Accommodation (Stage 8), & for TCSS works (KD14)	█									
A04070	BS + E&M for Office Accommodation (Stage 9)	█	█								
Facade Cladding System											

- █ Actual Work
- █ Remaining Work
- █ Critical
- ◆ Milestone

WORKS PROGRAMME UPDATED 31 AUGUST 2017
VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES

Date	Revision	Checked	A.
30-Jun-17	Works Programme (DWP4), updated as of 30 June 2017	ZJ	
31-Jul-17	Works Programme (DWP4), updated as of 31 July 2017	ZJ	
31-Aug-17	Works Programme (DWP4), updated as of 31 Aug. 2017	ZJ	

Activity ID	Activity Name	2017					2018				
		Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	
B04040	Steel Frame Installation	Actual Work	Critical								
B04050	Cladding Panel Installation			Critical	Critical	Critical					
Glass Wall											
C04040	Steel Frame Installation	Actual Work	Critical								
C04050	Glass Panel Installation			Critical	Critical	Critical					
Test & Commission											
D04010	Form 314 & 501 submission		Milestone								
D04030	T&C for BS & Pumps			Critical	Critical	Critical	Critical				
D04040	Form 2 Submission		Milestone								
D04050	Lift Inspection by EMSD			Critical							
D04070	FSD Inspection			Remaining Work							
D04080	OP Application & TPIDC Inspection			Critical	Critical	Critical	Critical				
D04090	OP Issue							Milestone			
102 HKPF UVSS Monitor Room											
A10230	Finishing (False Ceiling) (KD9)	Actual Work	Critical								
A10240	BS for Office Accommodation (Stage 8)	Actual Work									
A10260	BS + E&M for Office Accommodation (Stage 9)			Critical	Critical	Critical	Critical				
A10270	Other BS + E&M Installation	Actual Work	Critical								
A10290	T&C for BS & Pumps			Remaining Work							
C10220	WWO 46 Part IV, V Submission (inside Service + FS)			Milestone							
C10230	Plumbing Inspection by WSD			Critical							
C10240	FSI Form 314 & 501 Submission			Milestone							
C10250	FS inspection by FSD			Remaining Work							
C10260	TPIDC Inspection			Critical	Critical	Critical	Critical				
Metal Canopy and Roof Installation											
B10230	Steel Frame Installation	Actual Work	Critical								
B10240	Glass panel, metal cladding panel installation			Critical	Critical	Critical	Critical				
103 Police Inspection Post											
A10350	Finishing (False Ceiling) (KD9)	Actual Work	Remaining Work								
A10360	BS for Office Accommodation (Stage 8)	Actual Work									
A10370	BS + E&M for Office Accommodation (Stage 9)		Remaining Work								
A10380	Other BS + E&M Installation	Actual Work	Critical	Critical	Critical	Critical	Critical				
C10310	T&C for BS & Pumps			Critical	Critical	Critical	Critical				
C10330	WWO 46 Part IV, V Submission (inside Service + FS)			Milestone							
C10340	WSD inspection			Critical							
C10350	FS inspection by FSD					Critical	Critical				
C10360	TPIDC Inspection			Critical	Critical	Critical	Critical				
HPL Composite Panel Cladding System											
B10340	Steel Frame Installation	Actual Work									
B10350	HPL Cladding Panel Installation		Remaining Work								
057 Transformers (Zone 2)											
A05740	Finishing	Actual Work									
A05755	Energisation by CLP	Actual Work									
A05780	Other BS + E&M Installation	Actual Work									
Fuel Filling Station incl. BS & E/M											
A05790	All Works for Fuel Filling Station	Actual Work									
T&C and Statutory Inspection for Zone 2a & 2b											
C05700	T&C for BS & Pumps	Actual Work									

█ Actual Work
█ Remaining Work
█ Critical
◆ Milestone

WORKS PROGRAMME UPDATED 31 AUGUST 2017
VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES
 Page 9 of 27

Date	Revision	Checked	A.
30-Jun-17	Works Programme (DWP4), updated as of 30 June 2017	ZJ	
31-Jul-17	Works Programme (DWP4), updated as of 31 July 2017	ZJ	
31-Aug-17	Works Programme (DWP4), updated as of 31 Aug. 2017	ZJ	

Activity ID	Activity Name	2017					2018			
		Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
F05700	Essential T&C (FSI)	[Blue bar]	[Green bar]							
F05710	Non-Essential T&C (Non-FSI)	[Blue bar]	[Green bar]							
F05720	OP Application & TPIDC Inspection		[Green bar]							
F05730	Provision of TPIDC's Completion Certificate									◆ Provision of TPIDC's Completion Certificate
Completion of Fire Services Installation and Equipment (FCD)										
F05750	Application for FSI Inspection (FSI/501) c/w FSI Plan (FSI/314)									
F05760	Provision of Direct Link for Fire Alarm System by Chubb									
F05770	FSI Inspection (2 Trials)									
F05780	Acceptance by FSD									◆ Acceptance by FSD
DG License & EPD Generator Approval										
G05710	Approval Letter and approved Drawings									◆ Approval Letter and approved Drawings
G05730	DG Inspection									
107 - C&ED Mobile X-ray Operation Office (Cargo), Portion B										
C10740	Finishing	[Blue bar]	[Green bar]							
C10750	BS for Office Accommodation (Stage 8)	[Blue bar]								
C10760	BS + E&M for Office Accommodation (Stage 9)		[Green bar]							
C10770	Other BS + E&M Installation	[Blue bar]	[Green bar]							
C10780	T&C for BS & Pumps									
C10784	FS inspection by FSD									
C10790	TPIDC Inspection									
113 - Field Kiosk for Access Control, Portion B										
B11340	Finishing	[Blue bar]	[Red bar]							
B11350	BS for Office Accommodation (Stage 8)	[Blue bar]								
B11360	BS + E&M for Office Accommodation (Stage 9)		[Green bar]							
B11370	Other BS + E&M Installation	[Blue bar]	[Red bar]							
B11380	T&C for BS & Pumps									
B11384	FS inspection by FSD									
B11390	TPIDC Inspection									
201 - Inbound Cargo Mobile X-ray Operation Area										
ER5850	Construction of the Area and Access to the Interface Contractor	[Blue bar]								
205 - Inbound Private Car Mobile X-ray Operation Area										
ER5860	Construction of the Area and Access to the Interface Contractor	[Blue bar]								
External Works for Portion B										
Works in Location 1.7A										
BB1480	ELV Works & T&C in Location 1.7A	[Blue bar]	[Red bar]							
Works in Location 1.7B										
BB1490	ELV Works & T&C in Location 1.7B	[Blue bar]	[Red bar]							
Drainage Works										
ED5690	Drainage Works (1130m & 60MHs), Stage 4 (N/E)	[Blue bar]	[Green bar]							
ED5700	Sewerage (300m & 82MHs), Stage 4 (N/E)	[Blue bar]	[Green bar]							
Waterpipe Laying										
EW6100	Fresh Water Main Laying (1000m), Stage 3	[Blue bar]	[Green bar]							
EW6110	Flushing Water Main Laying (931m), Stage 3	[Blue bar]	[Green bar]							
EW6190	Chilled Water Pipe Laying in Portion B (external)	[Blue bar]	[Green bar]							
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting										

■ Actual Work
■ Remaining Work
■ Critical
◆ Milestone

WORKS PROGRAMME UPDATED 31 AUGUST 2017
VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES
 Page 10 of 27

Date	Revision	Checked	A.
30-Jun-17	Works Programme (DWP4), updated as of 30 June 2017	ZJ	
31-Jul-17	Works Programme (DWP4), updated as of 31 July 2017	ZJ	
31-Aug-17	Works Programme (DWP4), updated as of 31 Aug. 2017	ZJ	

Activity ID	Activity Name	2017					2018				
		Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	
EU5300	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV	[Red bar from Aug to Dec]									
EU5310	Duct & Cable Laying for TCSS & Lighting	[Red bar from Aug to Dec]									
EU5550	ELV Installation	[Red bar from Aug to Dec]									
EU5630	Access date to Telephone Companies	◆ Access date to Telephone Companies									
Roadworks											
ER1640	Subbase (21000 ton), Stage 1	[Red bar from Aug to Dec]									
ER3590	Bitumen Pavement (30000 ton), Stage 1	[Red bar from Aug to Dec]									
ER3600	Rigid Pavement (1188 m3), Footpath & EVA, Stage 1	[Red bar from Nov to Dec]									
ER5590	Subbase (22152 ton), Stage 2 (Remaining)	[Green bar from Dec to Feb]									
ER5600	Bitumen Pavement (31126 ton), Stage 2 (Remaining)	[Red bar from Dec to Feb]									
ER5610	Rigid Pavement (1188 m3), Footpath & EVA, Stage 2 (Remaining)	[Red bar from Dec to Feb]									
Railing											
ER1610	Railing	[Red bar from Jan to Mar]									
Road Furniture											
ER1620	Road Furniture	[Red bar from Nov to Mar]									
Sign Gantry ADS 306A & ADS 306B											
ES5250	Erection of Sign Gantry	[Red bar from Aug to Dec]									
PORTION C											
Portion C Buildings											
010 - Inbound Coach Kiosk & Staff Subway Entrance (Subway Deleted)											
A01020	Base Slab & Kiosk superstructure	[Red bar from Aug to Oct]									
A01030	BS + Finishing + E&M for AVCSS works (KD1 8A)	[Red bar from Sep to Dec]									
A01040	BS + + Finishing E&M for AVCSS Cabling (KD1 8B)	[Red bar from Dec to Jan]									
A01050	BS + Finishing + E&M for Office Accommodation (Stage 9) (KD10)	[Red bar from Dec to Feb]									
A01060	Other BS + Finishing + E&M Installation	[Red bar from Jan to Mar]									
A01070	T&C for BS	[Red bar from Feb to Mar]									
A01090	TPIDC Inspection	[Red bar from Feb to Mar]									
009 - Staff Subway Entrance (Bay 0 - 3) & Shuttle Bus Kiosks											
B00970	BS + E&M & Finishing for Office Accommodation (Stage 9) (KD10)	[Red bar from Sep to Dec]									
C00920	T&C for BS & Pumps	[Red bar from Oct to Dec]									
C00940	TPIDC Inspection	[Red bar from Oct to Dec]									
012 - DOH Disinsection Area and Store Room 1, at Portion C											
B01220	Raft Foundation	[Red bar from Aug to Sep]									
B01230	Superstructure	[Red bar from Sep to Oct]									
B01240	Finishing	[Red bar from Oct to Dec]									
B01270	BS for Office Accommodation (KD 9)	[Red bar from Oct to Dec]									
B01280	BS + E&M for Office Accommodation (KD 10)	[Red bar from Nov to Dec]									
B01290	Other BS + E&M Installation	[Red bar from Nov to Dec]									
Test & Commission											
E01210	Submission of WWO46 - Part I, II, III (Inside Services + FS)	◆ Submission of WWO46 - Part I, II, III (Inside Services + FS)									
E01220	Submission of WWO46 - Part IV, V (Inside Services + FS)	◆ Submission of WWO46 - Part IV, V (Inside Services + FS)									
E01240	WSD Inspection	◆ WSD Inspection									
E01250	FS inspection by FSD	[Red bar from Dec to Jan]									
E01260	TPIDC Inspection	[Red bar from Oct to Dec]									
104 - DOH Secondary Screening Station, at Portion C											
A10420	Excavation & Blinding	[Red bar from Aug to Sep]									
A10430	Substructure	[Red bar from Sep to Oct]									
A10435	Finishing	[Green bar from Oct to Dec]									
A10440	BS for Office Accommodation (Stage 8)	[Red bar from Oct to Dec]									
A10450	BS + E&M for Office Accommodation (Stage 9)	[Red bar from Nov to Dec]									
B10410	Other BS + E&M Installation	[Green bar from Oct to Dec]									
B10420	T&C for BS & Pumps	[Green bar from Nov to Dec]									

█ Actual Work
█ Remaining Work
█ Critical
◆ Milestone

WORKS PROGRAMME UPDATED 31 AUGUST 2017
VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES
 Page 11 of 27

Date	Revision	Checked	A.
30-Jun-17	Works Programme (DWP4), updated as of 30 June 2017	ZJ	
31-Jul-17	Works Programme (DWP4), updated as of 31 July 2017	ZJ	
31-Aug-17	Works Programme (DWP4), updated as of 31 Aug. 2017	ZJ	

Activity ID	Activity Name	2017					2018				
		Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	
B10430	FS inspection by FSD										
B10440	TPIDC Inspection										
Facade Cladding System											
A10465	Fabrication of F/C System										
A10470	Casted-in Items Installation										
A10480	Steel Frame Installation										
A10490	Envelop Cladding and Roof Panel Installation										
108 C&ED Mobile X-ray Machine Operation Office, Portion C											
A10850	Finishing										
A10860	BS for Office Accommodation (Stage 8)										
A10870	BS + E&M for Office Accommodation (Stage 9)										
A10890	Other BS + E&M Installation										
F10830	T&C for BS & Pumps										
F10840	FS inspection by FSD										
F10850	TPIDC Inspection										
HPL Composite Panel Cladding System											
A10830	Steel Frame Installation										
A10880	HPL Cladding Panel Installation										
110 IMMID Guard Booth (Type 2) East											
A11080	Finishing										
A11090	BS for Office Accommodation (Stage 8)										
B11010	BS + E&M for Office Accommodation (Stage 9)										
B11020	Other BS + E&M Installation										
B11030	T&C for BS & Pumps										
B11040	FS inspection by FSD										
B11050	TPIDC Inspection										
Facade Envelop Structure Installation											
A11045	Fabrication of F/C System										
A11060	Steel Frame Installation										
A11070	Envelop Cladding and Roofing Panel Installation										
110 IMMID Guard Booth (Type 2) West											
C11010	Excavation & Blinding										
C11020	Substructure										
C11030	Finishing										
C11040	BS for Office Accommodation										
C11050	BS + E&M for Office Accommodation										
C11060	Other BS + E&M Installation										
C11070	T&C for BS & Pumps										
C11080	FS inspection by FSD										
C11090	TPIDC Inspection										
Facade Envelop Structure Installation											
D11010	Casted-in Items Installation										
D11020	Steel Frame Installation										
D11030	Envelop Cladding and Roofing Panel Installation										
111 Field Kiosk for Carpark Operator											
A11120	Excavation & Blinding										
A11130	Raft Foundation										
A11140	Superstructure (Roof beams & Slabs)										
A11150	Finishing										
A11160	BS for Office Accommodation (Stage 8)										
A11170	BS + E&M for Office Accommodation (Stage 9)										

- Actual Work
- Remaining Work
- Critical
- ◆ Milestone

WORKS PROGRAMME UPDATED 31 AUGUST 2017
VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES
 Page 12 of 27

Date	Revision	Checked	A.
30-Jun-17	Works Programme (DWP4), updated as of 30 June 2017	ZJ	
31-Jul-17	Works Programme (DWP4), updated as of 31 July 2017	ZJ	
31-Aug-17	Works Programme (DWP4), updated as of 31 Aug. 2017	ZJ	

Activity ID	Activity Name	2017					2018					
		Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr		
A11180	Other BS + E&M Installation											
B11160	T&C for BS & Pumps											
B11170	FS inspection by FSD											
B11180	TPIDC Inspection											
HPL Composite Panel Cladding System												
B11120	Fabrication of HPL Cladding											
B11130	Casted-in Items Installation											
B11140	Steel Frame Installation											
B11150	HPL Cladding Panel Installation											
113 - Field Kiosk for Access Control, Portion C												
C11320	Raft Foundation											
C11330	Superstructure (Roof Beams & Slabs)											
C11340	Finishing											
D11310	BS for Office Accommodation (Stage 8)											
D11320	BS + E&M for Office Accommodation (Stage 9)											
D11330	Other BS + E&M Installation											
F11310	T&C for BS & Pumps											
F11320	FS inspection by FSD											
F11330	TPIDC Inspection											
204 - Inbound Coach Exam Area & Mobile X-ray Operation												
ER5760	Radiation Screen Wall Construction											
ER5880	Construction of the Area and Access to the Interface Contractor											
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 Installations and T&C for Contract HY/2013/01											
BB1470	Provisioning of Civil Engineering Works for 011-Emergency Generator Building (KD18)											
Drainage Works												
SG2400	Drainage Works (797m & 36MHs)											
SG3610	Sewerage (186m & 4MHs)											
Waterpipe Laying												
SW2410	Fresh Water Main Laying (272m)											
SW2420	Flushing Water Main Laying (105m)											
SW9280	Chilled Water Pipe Laying in Portion C (external)											
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting												
SU5320	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV											
SU5330	Duct & Cable Laying for TCSS & Lighting											
SU5400	ELV Installation											
Roadworks												
SR2500	Subbase (4201 ton)											
SR3620	Bitumen Pavement (6200 ton)											
SR3630	Rigid Pavement (132 m3), Footpath & EVA											
Railing												
SR2470	Railing											
Road Furniture												
SR2480	Road Furniture											
PORTION D												
Portion D Building												
114 - Field Kiosk for Access Control, Portion D												
C11380	Finishing											

■ Actual Work
■ Remaining Work
■ Critical
◆ Milestone

WORKS PROGRAMME UPDATED 31 AUGUST 2017
VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES
 Page 13 of 27

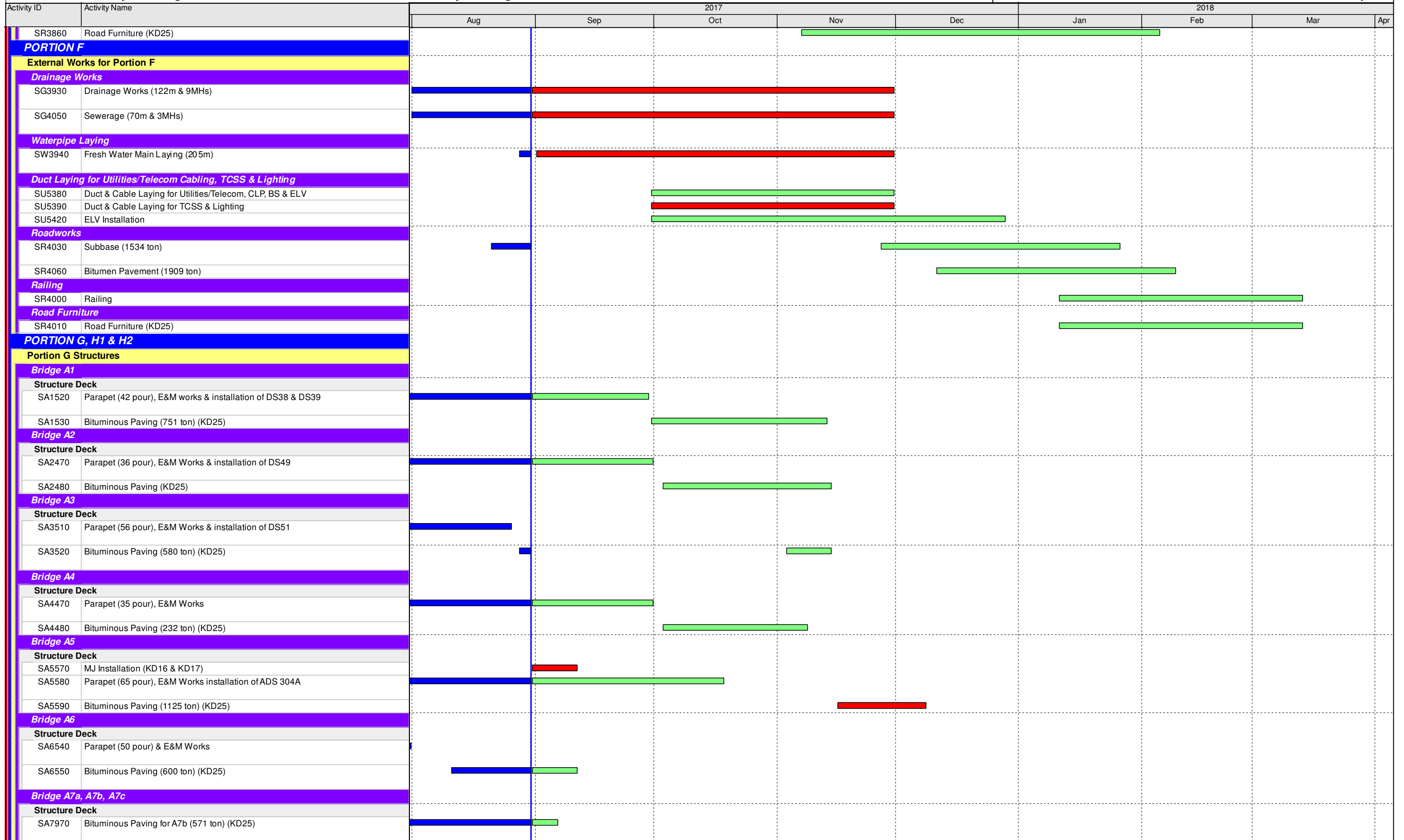
Date	Revision	Checked	A.
30-Jun-17	Works Programme (DWP4), updated as of 30 June 2017	ZJ	
31-Jul-17	Works Programme (DWP4), updated as of 31 July 2017	ZJ	
31-Aug-17	Works Programme (DWP4), updated as of 31 Aug. 2017	ZJ	

Activity ID	Activity Name	2017					2018			
		Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
D11340	BS for Office Accommodation (Stage 8)		[Red Bar]							
D11350	BS + E&M for Office Accommodation (Stage 9)				[Red Bar]					
D11360	Other BS + E&M Installation		[Red Bar]							
F11350	T&C for BS & Pumps		[Red Bar]							
F11360	FS inspection by FSD					[Red Bar]				
F11370	TPIDC Inspection			[Red Bar]						
External Works for Portion D										
Drainage Works										
SG3640	Drainage Works (361m & 14MHs)									
SG3760	Sewerage (121m & 6MHs)									
Waterpipe Laying										
SW3650	Fresh Water Main Laying (108m)	[Blue Bar]								
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting										
B11480	ELV System Installation for Contract HY/2013/02		[Red Bar]							
SU5340	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV	[Blue Bar]	[Green Bar]							
SU5350	Duct & Cable Laying for TCSS & Lighting	[Blue Bar]	[Green Bar]							
SU5640	Access date to Telephone Companies									
Roadworks										
SR3740	Subbase (261 ton)		[Green Bar]							
SR3770	Bitumen Pavement (619 ton)			[Green Bar]						
Railing										
SR3710	Railing						[Green Bar]			
Road Furniture										
SR3720	Road Furniture (KD25)						[Green Bar]			
PORTION E										
006 - Shuttle Bus Kiosk & Staff Subway Entrance, at Portion E & M										
A00640	Backfilling & Surcharge									
A00650	Constructing Ground Slab	[Blue Bar]	[Red Bar]							
A00660	Constructing Kiosk (4 Nr.)		[Blue Bar]	[Red Bar]						
A00670	Constructing Subway Entrance			[Green Bar]						
A00680	Canopy Roof						[Green Bar]			
A00690	BS + E&M for AVCSS works (KD 18B)									
B00610	BS for Office Accommodation (Stage 8)									
B00620	BS + E&M for Office Accommodation (Stage 9)									
B00640	Other BS + E&M Installation									
B00650	T&C for BS & ELV									
B00660	TPIDC Inspection									
External Works for Portion E										
Drainage Works										
SG3780	Drainage Works (99m & 5MHs)		[Red Bar]							
SG3900	Sewerage (38m & 1 MH)		[Red Bar]							
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									
SU5410	ELV Installation									
Roadworks										
SR3880	Subbase (1659 ton)									
SR3910	Bitumen Pavement (2105 ton)									
SR3920	Rigid Pavement (180 m3)									
Railing										
SR3850	Railing									
Road Furniture										

■ Actual Work
■ Remaining Work
■ Critical
◆ Milestone

WORKS PROGRAMME UPDATED 31 AUGUST 2017
VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES
 Page 14 of 27

Date	Revision	Checked	A.
30-Jun-17	Works Programme (DWP4), updated as of 30 June 2017	ZJ	
31-Jul-17	Works Programme (DWP4), updated as of 31 July 2017	ZJ	
31-Aug-17	Works Programme (DWP4), updated as of 31 Aug. 2017	ZJ	



- █ Actual Work
- █ Remaining Work
- █ Critical
- ◆ Milestone

WORKS PROGRAMME UPDATED 31 AUGUST 2017
VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES
 Page 15 of 27

Date	Revision	Checked	A.
30-Jun-17	Works Programme (DWP4), updated as of 30 June 2017	ZJ	
31-Jul-17	Works Programme (DWP4), updated as of 31 July 2017	ZJ	
31-Aug-17	Works Programme (DWP4), updated as of 31 Aug. 2017	ZJ	

Activity ID	Activity Name	2017					2018			
		Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
SA7980	Bituminous Paving for A7c (400 ton)(KD25)	█	█							
SA7990	Bituminous Paving for A7a (400 ton) (KD25)		█	█						
Bridge A8										
Structure Deck										
SA8480	Bituminous Paving (348 ton) (KD25)	█	█							
Retaining Walls W1-1, W3-1, W5-1 & W7-1										
Retaining Wall W1-1										
SW1122	Slope C3-S3 Construction		█	█						
SW1130	Retaining Wall W1-1 Parapet (8 pour) & E&M Works			█	█					
SW1150	Retaining Wall W1-1 Drainage System & Cable Laying				█	█				
SW1160	Retaining Wall W1-1 Bituminous Paving (726 ton) (KD25)					█	█			
Retaining Wall W3-1										
SW3150	Construction of Retaining Wall W3-1 (U-shape, 4 bays)	█								
SW3160	Backfilling W3-1		█	█						
SW3165	Slope C3-S4 Construction			█	█					
SW3170	Parapet W3-1 (8 pours) & E&M Works			█	█					
SW3180	W3-1 Drainage System & Cable Laying			█	█					
SW3190	Bituminous Paving W3-1 (362 ton) (KD25)					█	█			
Retaining Wall W5-1										
SW5010	Construction of Retaining Wall W5-1 (L-shape, 5 bays)	█	█							
SW5020	Retaining Wall W5-1 Backfilling to Retaining Wall			█	█					
SW5024	Slope C3-S5 Construction			█	█					
SW5030	Retaining Wall W5-1 Parapet (9 pour) & E&M Works				█	█				
SW5040	Retaining Wall W5-1 Drainage System & Cable Laying					█	█			
SW5140	Retaining Wall W5-1 Bituminous Paving (554 ton)					█	█			
Retaining Wall W7-1										
SW7110	Construction of Retaining Wall W7-1 (U-shape, 4 bays)	█								
SW7120	Backfilling to Retaining Wall W7-1		█	█						
SW7130	Parapet for Retaining Wall W7-1 (16 pours) & E&M Works			█	█					
SW7140	Retaining Wall W7-1 Drainage System & Cable Laying			█	█					
SW7150	Bituminous Paving for Retaining Wall W7-1 (348 ton) (KD25)					█	█			
Portion G Buildings										
002 - C&ED Observation Guard Booth No. 1, Portion H1										
C00230	Raft Foundation									
C00240	Superstructure	█								
C00250	Finishing		█	█	█	█				
C00260	BS for Office Accommodations (KD9)		█	█						
C00270	BS + E&M for Office Accommodation (KD10)				█	█				
C00280	Other BS + E & M Installation			█	█					
C00290	T&C for BS			█	█					
C00294	FS inspection by FSD					█	█			
002 - C&ED Observation Guard Booth No. 2, Portion H1										
E00220	Raft Foundation									
E00230	Superstructure	█								
E00240	Finishing		█	█	█	█				
E00250	BS for Office Accommodations (KD9)		█	█						
E00260	BS + E&M for Office Accommodation (KD10)				█	█				
E00270	Other BS + E & M Installation			█	█					
E00280	T&C for BS			█	█					
E00290	FS inspection by FSD					█	█			
E00295	OP Application & TPIDC Inspection			█	█	█				
033 Inbound Private Car Exam Building										

█ Actual Work
█ Remaining Work
█ Critical
◆ Milestone

WORKS PROGRAMME UPDATED 31 AUGUST 2017
VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES
 Page 16 of 27

Date	Revision	Checked	A.
30-Jun-17	Works Programme (DWP4), updated as of 30 June 2017	ZJ	
31-Jul-17	Works Programme (DWP4), updated as of 31 July 2017	ZJ	
31-Aug-17	Works Programme (DWP4), updated as of 31 Aug. 2017	ZJ	

Activity ID	Activity Name	2017					2018				
		Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	
A03360	External Works	Actual Work	Remaining Work								
A03380	BS + E&M for Office Accommodation (Stage 9)	Actual Work	Remaining Work								
A03390	Other BS + E&M Installation	Actual Work	Remaining Work								
C03320	Submission & Issue of WW046 IV, V (Inside Services & FS)		Remaining Work								
C03330	BEEO Stage II & Assessor Certification Submission	Actual Work	Remaining Work								
C03340	Form 314 & 501 submission			Milestone							
C03350	Plumbing Inspection by WSD		Remaining Work								
C03360	T&C for BS & Pumps	Actual Work	Remaining Work								
C03370	WSD Inspection		Remaining Work								
C03380	FSD Inspection		Remaining Work								
C03390	OP Application & TPIDC Inspection		Remaining Work								
Glass Canopy Installation											
B03360	Steel Frame Installation										
B03370	Glass Panel Installation	Actual Work									
Aluminium Metal Canopy											
B03340	Aluminium Cladding Installation	Actual Work	Remaining Work								
034 Satellite RCP South											
A03450	Finishing	Actual Work									
A03470	BS + E&M for Office Accommodation (Stage 9)	Actual Work	Remaining Work								
A03480	Other BS + E&M Installation	Actual Work	Remaining Work								
Test & Commission											
C03430	Form 314 & 501 submission			Milestone							
C03440	T&C for BS & Pumps		Remaining Work								
C03450	WSD Inspection		Remaining Work								
C03460	FSD Inspection		Remaining Work								
C03470	OP Application & TPIDC Inspection		Remaining Work								
S S Facade Greenery System											
B03430	Steel Frame Installation	Actual Work	Remaining Work								
B03440	Greenery Cladding Installation		Remaining Work								
035 - Sewage Pumping Station, Portion G											
B03580	BS for Office Accommodations (KD9)	Actual Work									
B03590	BS + E&M for Office Accommodation (KD10)	Actual Work	Remaining Work								
C03510	Other BS + E & M Installation	Actual Work	Remaining Work								
Test & Commission											
C03540	Submission & Issue of WW046 IV, V (Inside Services & FS)		Remaining Work								
C03550	Form 314 & 501 submission			Milestone							
C03560	T&C for BS & Pumps SWT		Remaining Work								
C03570	WSD Inspection		Remaining Work								
C03580	FSD Inspection		Remaining Work								
C03590	OP Application & TPIDC Inspection		Remaining Work								
051 Transformers (Zone 5)											
A05180	BS + E&M for Office Accommodation (KD10)	Actual Work	Remaining Work								
A05190	Other BS + E & M Installation	Actual Work	Critical								
T&C and Statutory Inspection for Zone 5											
C05120	T&C for BS & Pumps	Actual Work	Critical								
C05130	Essential T&C (FSI)	Actual Work	Remaining Work								

█ Actual Work
█ Remaining Work
█ Critical
◆ Milestone

WORKS PROGRAMME UPDATED 31 AUGUST 2017
VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES
 Page 17 of 27

Date	Revision	Checked	A.
30-Jun-17	Works Programme (DWP4), updated as of 30 June 2017	ZJ	
31-Jul-17	Works Programme (DWP4), updated as of 31 July 2017	ZJ	
31-Aug-17	Works Programme (DWP4), updated as of 31 Aug. 2017	ZJ	

Activity ID	Activity Name	2017					2018			
		Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
C05140	Non-Essential T&C (Non-FSI)	█	█	█						
C05150	OP Application & TPIDC Inspection				█	█				
Completion of Fire Services Installation and Equipment (FCD)										
F05150	Application for FSI Inspection (FSI/501) c/w FSI Plan (FSI/314)		◆							
F05160	Provision of Direct Link for Fire Alarm System by Chubb		◆							
F05170	FSI Inspection (2 Trials)		█	█						
F05180	Acceptance by FSD			◆						
100 Inbound Traffic Control Kiosk										
A10050	Finishing	█								
B10060	BS + E&M for AVCSS Cabling (KD18B)	█	█							
B10080	BS + E&M for Office Accommodation (KD10)	█	█	█						
B10090	Other BS + E & M Installation	█	█							
C10020	Submission & Issue of WW046 IV, V (Inside Services & FS)		█							
C10030	Form 314 & 501 submission		◆							
C10040	T&C for BS & Pumps SWT		█	█	█					
C10050	WSD Inspection		█							
C10060	FSD Inspection		█	█						
C10070	OP Application & TPIDC Inspection		█	█	█					
HPL Composite Panel Cladding System										
B10030	Steel Frame Installation		█	█						
B10040	HPL Cladding Panel Installation			█	█	█				
112 Field Kiosk for Taxi Queuing Area										
A11240	Finishing	█								
A11250	BS + E & M Installation	█								
A11260	T&C for BS & Pumps SWT		█	█	█					
A11270	FSD Inspection				█	█				
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)	█	█	█	█					
EU5520	Roadworks (+ Footpath) & Canopy Erection 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	█	█	█	█	█	█			
BEU1580	Roadworks within the Boundary defined in Drawing No. 60191048/C3/000/1050, excluding Portion H1 & H2 & Bridges (KD24)	█	█	█	█	█	█			
Drainage Works										
ED4070	Drainage Works (6954m & 393MHs)	█	█	█	█	█	█			
ED4190	Sewerage (437m & 12MHs)	█	█	█	█	█	█			
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	█	█	█	█	█	█			
EU5410	Duct & Cable Laying for TCSS & Lighting		█	█	█	█	█			

█ Actual Work
█ Remaining Work
█ Critical
◆ Milestone

WORKS PROGRAMME UPDATED 31 AUGUST 2017
VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES
 Page 18 of 27

Date	Revision	Checked	A.
30-Jun-17	Works Programme (DWP4), updated as of 30 June 2017	ZJ	
31-Jul-17	Works Programme (DWP4), updated as of 31 July 2017	ZJ	
31-Aug-17	Works Programme (DWP4), updated as of 31 Aug. 2017	ZJ	

Activity ID	Activity Name	2017					2018				
		Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	
EU5560	ELV Installation										
Roadworks											
ER4170	Subbase (17045 ton)										
ER4200	Bitumen Pavement (24549 ton)										
ER4210	Rigid Pavement (514 m3), Footpath & EVA										
Railing											
ER4140	Railing										
Road Furniture											
ER4150	Road Furniture										
Sign Gantry DS40, DS41 & DS75											
ES0180	Fabrication & Delivery of Sign Gantries to Site										
ES0190	Erection of Sign Gantry										
Canopy and Covered Walkway											
CC1320	Footing										
CC1330	Steel Frame Installation										
CC1340	Panel Installation										
PORTION J											
Portion J Structure											
Bay 30 - 41 of CUE/Staff Subway (Portion J)											
B03260	Internal Finishes & Cable Containment (KD2)										
B03270	BS + E&M Installation for AVCSS (Stage 2) (KD2)										
030 Outbound Private Car & GV Kiosks											
A03030	Superstructure (Incl. Entrance & Toilet)										
A03050	Finishing										
A03060	BS + E&M for AVCSS Works (KD18B)										
A03070	BS for Office Accommodations (KD9)										
A03080	BS + E&M for Office Accommodation (KD10)										
A03090	Other BS + E & M Installation										
B03010	T&C for BS & Pumps SWT										
B03030	OP Application & TPIDC Inspection										
030 Outbound Kiosks, Section IX, Subject to Excision											
C03030	Superstructure										
C03040	BS + E&M for AVCSS Works (KD18C) & Finishing										
C03050	BS + E&M for AVCSS Works (KD18D) & Finishing										
C03060	BS + E&M for allowing users to move in furniture (KD18E)										
C03070	Pavement & Drainage (KD30)										
Portion J Buildings											
024 Outbound Private Car Exam Building											
A02430	Finishing (KD9)										
A02440	BS for Office Accommodations (KD18F)										
A02450	BS + E&M for Office Accommodation (KD18G)										
A02460	Other BS + E & M Installation (KD31)										
Test & Commission											
D02420	Submission & Issue of WW046 IV, V (Inside Services & FS)										
D02430	BEE0 Stage II & Assessor Certification Submission										
D02440	WSD Inspection										
D02450	FSD Inspection										
D02460	T&C for BS & Pumps										
D02470	OP Application & TPIDC Inspection										

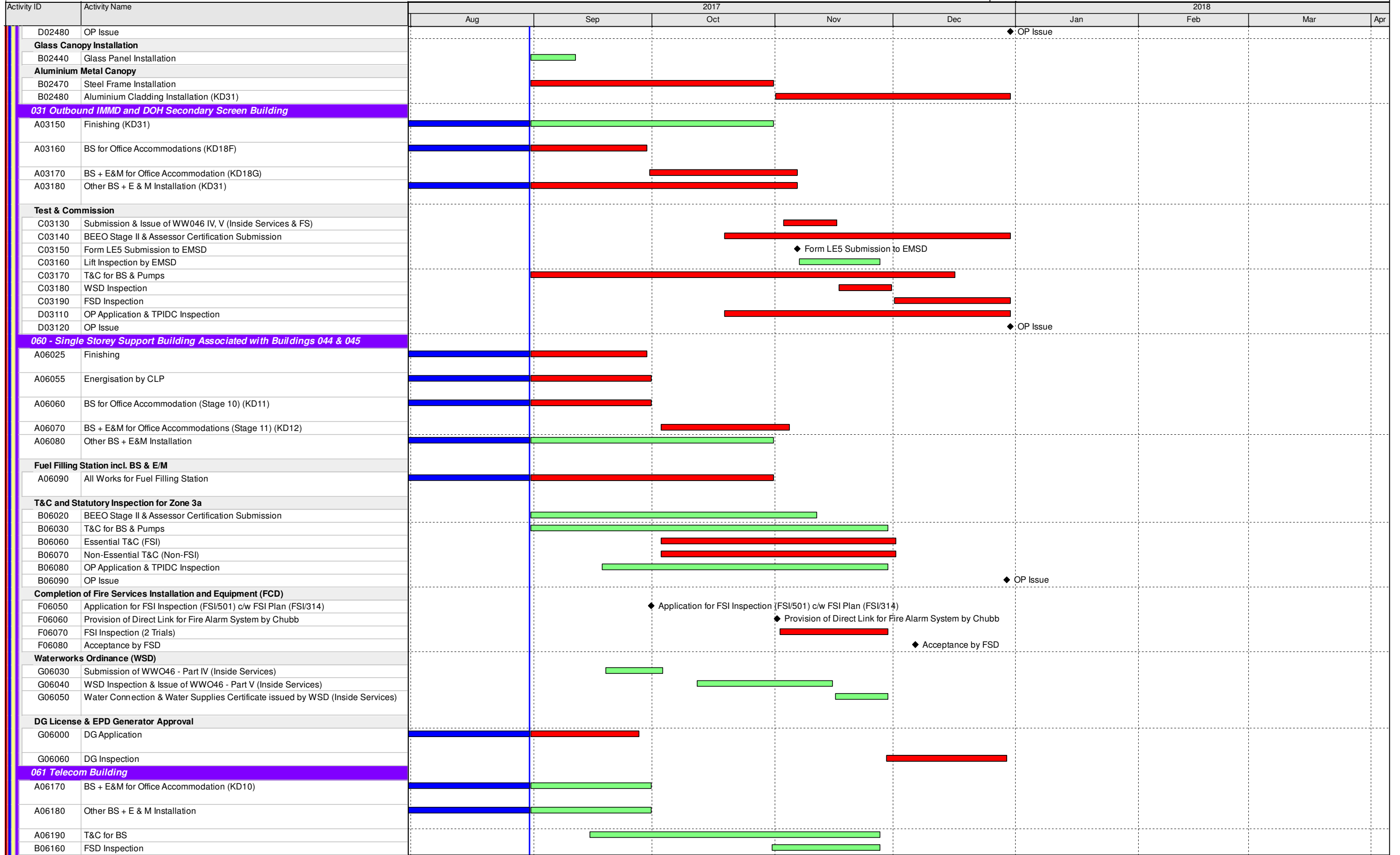
■ Actual Work
■ Remaining Work
■ Critical
◆ Milestone

WORKS PROGRAMME UPDATED 31 AUGUST 2017
VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES
 Page 19 of 27

Date	Revision	Checked	A.
30-Jun-17	Works Programme (DWP4), updated as of 30 June 2017	ZJ	
31-Jul-17	Works Programme (DWP4), updated as of 31 July 2017	ZJ	
31-Aug-17	Works Programme (DWP4), updated as of 31 Aug. 2017	ZJ	

HZMB HK Boundary Crossing Facilities - Vehicle Clearance Plazas and Ancillary Buildings and Facilities

04-Sep-17



- █ Actual Work
- █ Remaining Work
- █ Critical
- ◆ Milestone

WORKS PROGRAMME UPDATED 31 AUGUST 2017
VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES
 Page 20 of 27

Date	Revision	Checked	A.
30-Jun-17	Works Programme (DWP4), updated as of 30 June 2017	ZJ	
31-Jul-17	Works Programme (DWP4), updated as of 31 July 2017	ZJ	
31-Aug-17	Works Programme (DWP4), updated as of 31 Aug. 2017	ZJ	

Activity ID	Activity Name	2017					2018				
		Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	
B06170	OP Application & TPIDC Inspection										
Aluminium Metal Canopy											
B06140	Aluminium Cladding Installation										
101 Outbound Traffic Control Kiosk											
A10140	Finishing										
A10150	BS + E&M for AVCSS Works (KD18A)										
A10160	BS + E&M for AVCSS Cabling (KD18B)										
A10170	BS for Office Accommodations (KD9)										
A10180	BS + E&M for Office Accommodation (KD10)										
A10190	Other BS + E & M Installation										
C10120	Submission of WWO46 - Part IV (Inside Services)										
C10130	T&C for BS & Pumps										
C10140	WSD Inspection										
C10150	FSD Inspection										
C10160	OP Application & TPIDC Inspection										
HPL Composite Panel Cladding System											
B10140	Steel Frame Installation										
B10150	HPL Cladding Panel Installation (KD25)										
206 - Outbound Private Car Mobile X-ray Operation Area											
ER5780	Radiation Screen Wall Construction										
ER5800	Construction of the Area and Access to the Interface Contractor										
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 (Remaining)										
ED5720	Sewerage (425m & 12MHs), Stage 2 (Remaining)										
Waterpipe Laying											
EW4230	Fresh Water Main Laying (1541m)										
EW4240	Flushing Water Main Laying (862m)										
SW9290	Chilled Water Pipe Laying in Portion J (external)										
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										
EU5570	ELV Installation										
Roadworks											
ER4320	Subbase (15400 ton), Stage 1										
ER4350	Bitumen Pavement (20000 ton), Stage 1										
ER4360	Rigid Pavement (173 m3), Footpath & EVA, Stage 1										
ER5680	Subbase (15409 ton), Stage 2 (Remaining)										
ER5690	Bitumen Pavement (20093 ton), Stage 2 (Remaining)										
ER5700	Rigid Pavement (174 m3), Footpath & EVA, Stage 2 (Remaining)										
Railing											
ER4290	Railing										

■ Actual Work
■ Remaining Work
■ Critical
◆ Milestone

WORKS PROGRAMME UPDATED 31 AUGUST 2017
VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES
 Page 21 of 27

Date	Revision	Checked	A.
30-Jun-17	Works Programme (DWP4), updated as of 30 June 2017	ZJ	
31-Jul-17	Works Programme (DWP4), updated as of 31 July 2017	ZJ	
31-Aug-17	Works Programme (DWP4), updated as of 31 Aug. 2017	ZJ	

Activity ID	Activity Name	2017					2018				
		Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	
Road Furniture											
ER4300	Road Furniture										
Sign Gantry DS104											
ES5160	Erection of Sign Gantry										
PORTION K, L, M, S & T											
Portion K Building											
002 - C&ED Observation Guard Booth No. 1, Portion K											
A00230	Superstructure										
A00240	Finishing										
A00250	BS for Office Accommodations (Degree of Completion 2)										
A00260	BS + E&M for Office Accommodation (Degree of Completion 3)										
A00270	Other BS + E & M Installation										
A00280	T&C for BS & Pumps										
A00290	FSD Inspection										
A00295	OP Application & TPIDC Inspection										
002 - C&ED Observation Guard Booth No. 2, Portion K											
B00230	Superstructure										
B00240	Finishing										
B00250	BS for Office Accommodations (Degree of Completion 2)										
B00260	BS + E&M for Office Accommodation (Degree of Completion 3)										
B00270	Other BS + E & M Installation										
B00280	T&C for BS & Pumps										
B00290	FSD Inspection										
B00295	OP Application & TPIDC Inspection										
Portion M Buildings											
108 - C&ED Mobile X-ray Operation Office, Portion M											
B10850	Finishing										
B10860	BS for Office Accommodations (KD9)										
B10870	BS + E&M for Office Accommodation (KD10)										
B10880	Other BS + E & M Installation										
B10890	T&C for BS & Pumps										
C10800	FSD Inspection										
D10800	OP Application & TPIDC Inspection										
HPL Composite Panel Cladding System											
C10840	Steel Frame Installation										
C10850	HPL Cladding Panel Installation										
104 DOH Screening Station, at Portion M											
C10440	Finishing										
C10450	BS for Office Accommodations (KD9)										
C10460	BS + E&M for Office Accommodation (KD10)										
C10470	Other BS + E & M Installation										
C10480	T&C for BS & Pumps										
C10490	FSD Inspection										
D10490	OP Application & TPIDC Inspection										
Facade Envelop Structure Installation											
D10470	Steel Frame Installation										
D10480	Envelop Cladding and Roofing Panel Installation										
203 - Outbound Coach/Shuttle Bus Exam Area & Mobile X-ray Operation Area											
ER5770	Radiation Screen Wall Construction										
ER5870	Construction of the Area and Access to the Interface Contractor										
External Works											
Additional Works (Filling & RE Slope), SA1											

■ Actual Work
■ Remaining Work
■ Critical
◆ Milestone

WORKS PROGRAMME UPDATED 31 AUGUST 2017
VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES
 Page 22 of 27

Date	Revision	Checked	A.
30-Jun-17	Works Programme (DWP4), updated as of 30 June 2017	ZJ	
31-Jul-17	Works Programme (DWP4), updated as of 31 July 2017	ZJ	
31-Aug-17	Works Programme (DWP4), updated as of 31 Aug. 2017	ZJ	

Activity ID	Activity Name	2017					2018				
		Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	
ED3233	Temp. access at north slope										
ED3234	Removal of temp. access at east slope	█									
ED3236	Removal of temp. access at north slope					█					
ED3237	Reinstatement and constructing of north slope		█								
ED3334	Remove surcharge at the Platform (South East)										
ED3336	Construct Rock Fill Slope near PCB (South East)	█	█								
ED3338	Consolidation of fill at the Platform (South West)	█	█								
ED3350	Remove surcharge at the Platform (South West)	█									
ED3355	Construct RE slope near PCB (South West)			█	█						
ED3360	Construct Rock Fill Slope near PCB (South West)				█	█					
ED3420	Fill Slope around C2 abutments	█	█								
Construction of Slopes											
ED3440	Construction of fill slope (East)	█	█								
ED3520	Construct RE slope (West)	█	█	█	█	█					
ED3550	Construction of fill slope (North)	█	█								
Drainage Works											
ED4370	Drainage Works (2129m & 102MHs)	█	█								
Waterpipe Laying											
EW4380	Fresh Water Main Laying (1216m)	█	█								
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting											
EU5440	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV	█	█								
EU5450	Duct & Cable Laying for TCSS & Lighting	█	█								
EU5580	ELV Installation	█	█	█							
EU5650	Duct & Cable Laying near PCB (south west)						█	█			
Roadworks											
ER5710	Subbase (9225 ton)	█		█	█						
ER5720	Bitumen Pavement (9102 ton)	█		█	█	█					
ER5730	Rigid Pavement (1525 m3) & Footpath	█		█	█	█					
ER5890	Subbase, Pavement & Footpath near PCB (south west)							█	█		
Canopy and Covered Walkway											
CC1400	Shop drawing, Approved & Fabrication										
CC1410	Footing	█	█								
CC1420	Steel Frame Installation		█	█	█						
CC1430	Panel Installation			█	█	█					
CC1440	Footing, steel frame & panel installation near PCB (south west)							█	█		
Railing											
ER4440	Railing				█	█	█				
Road Furniture											
ER4450	Road Furniture (KD25)			█	█	█					
PORTION N											
Portion N Structure											
Box Culvert B											
Box Culvert Structure											
SB0720	Box B - Construction (Stage 2)	█	█								

█ Actual Work
█ Remaining Work
█ Critical
◆ Milestone

WORKS PROGRAMME UPDATED 31 AUGUST 2017
VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES
 Page 23 of 27

Date	Revision	Checked	A.
30-Jun-17	Works Programme (DWP4), updated as of 30 June 2017	ZJ	
31-Jul-17	Works Programme (DWP4), updated as of 31 July 2017	ZJ	
31-Aug-17	Works Programme (DWP4), updated as of 31 Aug. 2017	ZJ	

Activity ID	Activity Name	2017					2018				
		Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	
SB0730	Box B - Outfall Structure	Actual Work	Remaining Work	Remaining Work							
SB0740	Box B - Reinstatement of Sloping Seawall				Remaining Work						
SB0750	Box B - Backfilling	Actual Work	Critical	Critical	Critical	Critical	Critical				
Portion N Buildings											
104 DOH Screening Station, at Portion N											
C10410	Structure (Raft Foundation)	Actual Work									
C10420	Finishing		Critical	Critical							
E10410	BS for Office Accommodations (KD9)	Actual Work	Critical	Critical							
E10420	BS + E&M for Office Accommodation (KD10)				Critical	Critical	Critical				
E10430	Other BS + E & M Installation	Actual Work	Critical	Critical	Critical						
E10440	T&C for BS & Pumps				Critical	Critical	Critical	Critical			
E10450	FSD Inspection						Critical	Critical			
E10460	OP Application & TPIDC Inspection				Critical	Critical	Critical				
Facade Envelop Structure Installation											
D10415	Fabrication of F/C System										
D10420	Casted-in Items Installation	Actual Work									
D10430	Steel Frame Installation		Critical	Critical							
D10440	Envelop Cladding and Roofing Panel Installation				Critical	Critical	Critical				
106 C&ED Detention Area Guard Booth											
A10640	Finishing	Actual Work	Remaining Work								
E10640	BS for Office Accommodations (KD9)	Actual Work	Critical	Critical							
E10650	BS + E&M for Office Accommodation (KD10)			Critical	Critical	Critical					
E10660	Other BS + E & M Installation	Actual Work	Critical	Critical	Critical						
E10670	T&C for BS & Pumps			Critical	Critical	Critical	Critical				
E10680	FSD Inspection						Critical	Critical			
E10690	OP Application & TPIDC Inspection			Critical	Critical	Critical					
Facade Envelop Structure Installation											
B10630	Steel Frame Installation		Critical	Critical							
B10640	Envelop Cladding and Roofing Panel Installation				Critical	Critical	Critical				
107 C&ED Mobile X-ray Operation Office, Portion N											
A10750	Finishing (KD9)	Actual Work	Remaining Work								
A10760	Other BS + E & M Installation (KD10)	Actual Work	Remaining Work								
A10770	T&C for BS & Pumps		Remaining Work	Remaining Work	Remaining Work						
A10780	FSD Inspection				Remaining Work						
A10790	OP Application & TPIDC Inspection			Critical	Critical	Critical					
HPL Composite Panel Cladding System											
B10740	Steel Frame Installation		Critical	Critical							
B10750	HPL Cladding Panel Installation			Critical	Critical	Critical					
200 - Inbound/Outbound Vehicle Detection Area											
ER5810	Construction of the Area and Access to the Interface Contractor		Remaining Work	Remaining Work	Remaining Work						
202 - Outbound Cargo Mobile X-ray Operation Area											
ER5790	Radiation Screen Wall Construction		Remaining Work	Remaining Work	Remaining Work						
ER5820	Construction of the Area and Access to the Interface Contractor		Critical	Critical	Critical	Critical					
211 - ImmD GV Secondary Examination Bays Outbound											
ER5840	Construction of the Bays and Access to the Interface Contractor		Remaining Work	Remaining Work	Remaining Work						
External Works for Portion N											
Works in Location 1.7A											
EU1540	ELV Works & T&C in Location 1.7A	Actual Work	Critical	Critical	Critical	Critical					
Drainage Works											

■ Actual Work
■ Remaining Work
■ Critical
◆ Milestone

WORKS PROGRAMME UPDATED 31 AUGUST 2017
VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES
 Page 24 of 27

Date	Revision	Checked	A.
30-Jun-17	Works Programme (DWP4), updated as of 30 June 2017	ZJ	
31-Jul-17	Works Programme (DWP4), updated as of 31 July 2017	ZJ	
31-Aug-17	Works Programme (DWP4), updated as of 31 Aug. 2017	ZJ	

Activity ID	Activity Name	2017					2018				
		Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	
ED4620	Drainage Works (964m & 56MHs), Stage 1	Actual Work	Remaining Work								
ED4650	Sewerage (383m & 12MHs), Stage 1	Actual Work	Remaining Work								
ED5750	Drainage Works (963m & 55MHs), Stage 2 (Remaining)			Remaining Work	Remaining Work	Remaining Work					
ED5760	Sewerage (383m & 12MHs), Stage 2 (Remaining)			Remaining Work	Remaining Work	Remaining Work					
Waterpipe Laying											
EW4530	Fresh Water Main Laying (641m)	Actual Work	Critical	Critical	Critical	Critical					
EW4540	Flushing Water Main Laying (413m)	Actual Work	Critical	Critical	Critical	Critical					
SW9300	Chilled Water Pipe Laying in Portion N (external)				Remaining Work	Remaining Work					
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting											
EU5460	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV	Actual Work	Critical	Critical	Critical	Critical					
EU5470	Duct & Cable Laying for TCSS & Lighting	Actual Work	Critical	Critical	Critical	Critical					
EU5590	ELV Installation	Actual Work	Critical	Critical	Critical	Critical					
Roadworks											
ER4620	Subbase (6475 ton)		Critical	Critical	Critical	Critical	Critical				
ER4650	Bitumen Pavement (10144ton)			Critical	Critical	Critical	Critical	Critical			
ER4660	Rigid Pavement (183 m3), Footpath & EVA			Critical	Critical	Critical	Critical	Critical			
Railing											
ER4590	Railing							Critical	Critical	Critical	
Road Furniture											
ER4600	Road Furniture							Critical	Critical	Critical	
PORTION P											
Portion Structure											
Retaining Wall RW1											
RW1110	Construction of Retaining Wall RW1 (U-shape, 5 bays)	Actual Work									
RW1140	Backfilling RW1		Critical	Critical							
RW1150	Parapet RW1 (20 pours)			Critical	Critical						
RW1160	RW1 Drainage System				Critical	Critical					
RW1170	Bituminous Paving (400 ton) (KD25)					Critical	Critical				
Portion P Buildings											
105 IMMID Guard Booth, Portion P											
A10540	Finishing		Critical	Critical	Critical						
E10500	BS for Office Accommodations (KD9)		Remaining Work	Remaining Work							
E10510	BS + E&M for Office Accommodation (KD10)			Remaining Work	Remaining Work						
E10520	Other BS + E & M Installation		Critical	Critical	Critical						
E10530	Form 314 Submission										
E10540	Form 501 Submission										
E10550	T&C for BS & Pumps							Critical	Critical	Critical	
E10560	FS Inspection by FSD							Critical	Critical	Critical	
E10570	OP Application & TPIDC Inspection							Critical	Critical	Critical	
Facade Envelop Structure Installation											
A10580	Steel Frame Installation		Critical	Critical							
A10590	Envelop Cladding and Roofing Panel Installation			Critical	Critical						
External Works for Portion P											
Drainage Works											
ED4670	Drainage Works (2957m & 128MHs)	Actual Work	Critical	Critical	Critical	Critical	Critical				
ED4790	Sewerage (269m & 7MHs)	Actual Work	Critical	Critical	Critical	Critical	Critical				
Waterpipe Laying											
EW4680	Fresh Water Main Laying (1270m)	Actual Work	Critical	Critical	Critical	Critical	Critical				
EW4690	Flushing Water Main Laying (455m)	Actual Work	Critical	Critical	Critical	Critical	Critical				
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting											
EU5480	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV							Critical	Critical	Critical	
EU5490	Duct & Cable Laying for TCSS & Lighting (KD15)							Critical	Critical	Critical	

█ Actual Work
█ Remaining Work
█ Critical
◆ Milestone

WORKS PROGRAMME UPDATED 31 AUGUST 2017
VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES
 Page 25 of 27

Date	Revision	Checked	A.
30-Jun-17	Works Programme (DWP4), updated as of 30 June 2017	ZJ	
31-Jul-17	Works Programme (DWP4), updated as of 31 July 2017	ZJ	
31-Aug-17	Works Programme (DWP4), updated as of 31 Aug. 2017	ZJ	

Activity ID	Activity Name	2017					2018				
		Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	
EU5600	ELV Installation										
EU5640	Access date to Telephone Companies										
Roadworks											
ER4770	Subbase (16519 ton)										
ER4800	Bitumen Pavement (23958 ton)										
ER4810	Rigid Pavement (220 m3), Footpath & EVA										
Railing											
ER4740	Railing										
Road Furniture											
ER4750	Road Furniture										
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										
Roadworks											
AS0170	Initial Survey										
AS1810	C3-S1 Slope Construction										
AS1820	C3-S2 Slope Construction										
ER4920	Subbase (104 ton)										
ER4950	Bitumen Pavement (215 ton)										
Railing											
ER4890	Railing										
Road Furniture											
ER4900	Road Furniture										
PORTION R											
Portion R Building											
002 - C&ED Observation Guard Booth, Portion R											
D00230	Superstructure										
D00240	Finishing										
D00250	BS for Office Accommodations (KD9)										
D00260	BS + E&M for Office Accommodation (KD10)										
D00270	Other BS + E & M Installation										
D00280	T&C for BS & Pumps										
D00290	FSD Inspection										
D00295	OP Application & TPIDC Inspection										
External Works for Portion R											
Drainage Works											
ED4960	Drainage Works (1040m & 70MHs)										
ED5080	Sewerage (272m & 7MHs)										
Waterpipe Laying											
EW4970	Fresh Water Main Laying (61.4m)										
EW4980	Flushing Water Main Laying (222m)										
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting											
EU5500	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV										
EU5510	Duct & Cable Laying for TCSS & Lighting										
EU5610	ELV Installation										
Roadworks											
ER5060	Subbase (1734 ton)										
ER5090	Bitumen Pavement (812ton)										
ER5100	Rigid Pavement (487 m3)										
Railing											

■ Actual Work
■ Remaining Work
■ Critical
◆ Milestone

WORKS PROGRAMME UPDATED 31 AUGUST 2017
VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES
 Page 26 of 27

Date	Revision	Checked	A.
30-Jun-17	Works Programme (DWP4), updated as of 30 June 2017	ZJ	
31-Jul-17	Works Programme (DWP4), updated as of 31 July 2017	ZJ	
31-Aug-17	Works Programme (DWP4), updated as of 31 Aug. 2017	ZJ	

Activity ID	Activity Name	2017					2018				
		Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	
ER5030	Railing										
	<i>Road Furniture</i>										
ER5040	Road Furniture (KD25)										
	<i>Landscape Works</i>										
A5170	Design and Procurement for Irrigation System										
A5180	Installation of Irrigation System										
A5190	All landscape Soft & Hard Works										
A5200	All Establishment Works										

- Actual Work
- Remaining Work
- Critical
- Milestone

WORKS PROGRAMME UPDATED 31 AUGUST 2017
VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES
 Page 27 of 27

Date	Revision	Checked	A.
30-Jun-17	Works Programme (DWP4), updated as of 30 June 2017	ZJ	
31-Jul-17	Works Programme (DWP4), updated as of 31 July 2017	ZJ	
31-Aug-17	Works Programme (DWP4), updated as of 31 Aug. 2017	ZJ	

Activity ID	Activity Name
Hong Kong-Zhuhai_Macao Bridge Hong Kong Boundary Crossin	
Key Dates	
A1000	Acceptance of Contract
A1010	Commencement of Works
A1020	Excision of Phase 2 (Section II & III)
A1120	KD1 (Phase 1 / Section I) (28 Kiosks)
A1470	KD2 (Phase 2 / Section II) (2 Kiosks)
A1480	KD3 (Phase 2 / Section III) (42 Kiosks)
Interface Activities	
A6860	Interface Management Plan Submission between C6 and C1
A6865	Interface Management Plan between C6 and C1 reviewed by Engineer
A6870	Detailed Interface Document Submission between C6 and C1
A6875	Detailed Interface Document between C6 and C1 reviewed by Engineer
A6880	Interface Management Plan Submission between C6 and C3
A6885	Interface Management Plan between C6 and C3 reviewed by Engineer
A6890	Detailed Interface Document Submission between C6 and C3
A6895	Detailed Interface Document between C6 and C3 reviewed by Engineer
A6900	Interface Management Plan Submission between C6 and C8
A6905	Interface Management Plan between C6 and C8 reviewed by Engineer
A6910	Detailed Interface Document Submission between C6 and C8
A6915	Detailed Interface Document between C6 and C8 reviewed by Engineer
Site and Facility Inspection	
A4730	Pre Site and Facility Inspection by Contractor at Location 1 - Deg1
A4740	Joint Site and Facility Inspection with Interface Contractor at Location 1 - Deg1
A4760	Pre Site and Facility Inspection by Contractor at Location 2 - Deg1
A4770	Joint Site and Facility Inspection with Interface Contractor at Location 2 - Deg1
A4772	Pre Site and Facility Inspection by Contractor at Location 2 - Deg2
A4774	Joint Site and Facility Inspection with Interface Contractor at Location 2 - Deg2
A4775	Joint Site and Facility Inspection with Interface Contractor at Location 2 for Server Installation
A4780	Pre Site and Facility Inspection by Contractor at Location 3 - Deg1
A4790	Joint Site and Facility Inspection with Interface Contractor at Location 3 - Deg1
A4800	Pre Site and Facility Inspection by Contractor at Location 3 - Deg2
A4810	Joint Site and Facility Inspection with Interface Contractor at Location 3 - Deg2
A4820	Pre Site and Facility Inspection by Contractor at Location 3a - Deg1
A4830	Joint Site and Facility Inspection with Interface Contractor at Location 3a - Deg1
A4840	Pre Site and Facility Inspection by Contractor at Location 3a - Deg2
A4850	Joint Site and Facility Inspection with Interface Contractor at Location 3a - Deg2
A4851	Joint Site and Facility Inspection with Interface Contractor at Location 3a for Server Installation
A4860	Pre Site and Facility Inspection by Contractor at Location 4 - Deg1
A4870	Joint Site and Facility Inspection with Interface Contractor at Location 4 - Deg1
A4880	Pre Site and Facility Inspection by Contractor at Location 4 - Deg2
A4890	Joint Site and Facility Inspection with Interface Contractor at Location 4 - Deg2
A4891	Pre Site and Facility Inspection by Contractor at Location 4a - Deg1



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	Revision	Checked	Approved
14-Nov-16	Rev.: 0	WC	LC

Activity ID	Activity Name	2015		2016				2017				2018				2019	
		Q2	Q3	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
A5360	Pre Site and Facility Inspection by Contractor at Location 16 - Deg2																
A5370	Joint Site and Facility Inspection with Interface Contractor at Location 16 - Deg2																
A5375	Pre Site and Facility Inspection by Contractor at Location 17 - Deg1																
A5378	Joint Site and Facility Inspection with Interface Contractor at Location 17 - Deg1																
A5380	Pre Site and Facility Inspection by Contractor at Location 17 - Deg2																
A5390	Joint Site and Facility Inspection with Interface Contractor at Location 17 - Deg2																
A5395	Pre Site and Facility Inspection by Contractor at Location 18 - Deg1																
A5396	Joint Site and Facility Inspection with Interface Contractor at Location 18 - Deg1																
A5400	Pre Site and Facility Inspection by Contractor at Location 18 - Deg2																
A5410	Joint Site and Facility Inspection with Interface Contractor at Location 18 - Deg2																
A5420	Pre Site and Facility Inspection by Contractor at Location 19 - Deg1																
A5430	Joint Site and Facility Inspection with Interface Contractor at Location 19 - Deg1																
A5440	Pre Site and Facility Inspection by Contractor at Location 19 - Deg2																
A5450	Joint Site and Facility Inspection with Interface Contractor at Location 19 - Deg2																
A5470	Pre Site and Facility Inspection by Contractor at Inbound Vehicle Clearance Plaza																
A5480	Joint Site and Facility Inspection with Interface Contractor at Inbound Vehicle Clearance Plaza																
A5490	Pre Site and Facility Inspection by Contractor at Outbound Vehicle Clearance Plaza																
A5550	Joint Site and Facility Inspection with Interface Contractor at Outbound Vehicle Clearance Plaza																
Access Dates		<p>24-Jun-17, Access Dates</p> <ul style="list-style-type: none"> ◆ Location 1(PCB (001) Basement)-Deg1 (270d), 10-May-16* ◆ Location 1(PCB (001) ELV Room (Grid Line E3))-Deg1 (270d), 10-May-16* ◆ Location 2(PCB (001) First Floor Main Server Room)-Deg1 (330d), 09-Jul-16* ◆ Location 2(PCB (001) First Floor Main Server Room)-Deg2 (380d), 28-Aug-16* ◆ Location 2(PCB (001) First Floor Main Server Room) - For Server Installation, 28-Aug-16* ◆ Location 2(PCB (001) Ground Floor ELV Room (Grid Line E3)) - Deg1 (330d), 09-Jul-16* ◆ Location 2(PCB (001) Ground Floor DOH Port Health Control Room (Grid Line BD5)) - Deg1 (330d), 09-Jul-16* ◆ Location 2(PCB (001) Ground Floor DOH Port Health Control Room (Grid Line BD5)) - Deg2 (380d), 09-Jul-16* ◆ Location 3(Inbd Cargo Exam Bldg (037) MDF Room)-Deg1 (400d), 17-Sep-16* ◆ Location 3(Inbd Cargo Exam Bldg (037) ELV Room)-Deg1 (400d), 17-Sep-16* ◆ Location 3(Inbd Cargo Exam Bldg (037) Platform Control Room)-Deg1 (400d), 17-Sep-16* ◆ Location 3(Inbd Cargo Exam Bldg (037) Platform Control Room)-Deg2 (500d), 17-Sep-16* ◆ Location 3(Inbd Cargo Exam Bldg (037) Inspector Offices 128,129,130,131,128,129,140,141)-Deg1 (400d), 17-Sep-16* ◆ Location 3(Inbd Cargo Exam Bldg (037) Inspector Offices 128,129,130,131,128,129,140,141)-Deg2 (500d), 17-Sep-16* ◆ Location 3a(Inbd Cargo Exam Bldg ROCARS Room)-Deg1 (-), 17-Sep-16* ◆ Location 3a(Inbd Cargo Exam Bldg ROCARS Room)-Deg2 (480d), 06-Dec-16* ◆ Location 3a(Inbd Cargo Exam Bldg Main Server Room)-Deg1 (-), 17-Sep-16* ◆ Location 3a(Inbd Cargo Exam Bldg Main Server Room)-Deg2 (480d), 06-Dec-16* ◆ Location 3a(Inbd Cargo Exam Bldg Main Server Room) - For Server installation, 06-Dec-16* ◆ Location 4(Outbd Cargo Exam Bldg (023))-Deg1 (530d), 25-Jan-17* ◆ Location 4(Outbd Cargo Exam Bldg (023))-Deg2 (680d), 24-Jun-17* ◆ Location 4a(Outbd Cargo Exam Bldg (023))-Deg1 (-), 25-Jan-17* 															

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	Revision	Checked	Approved
14-Nov-16	Rev.: 0	WC	LC

Activity ID	Activity Name	2015		2016				2017				2018				2019		
		Q2	Q3	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	
A1162	Location 4a(Outbd Cargo Exam Bldg (023))-Deg2 (630d)																	◆ Location 4a(Outbd Cargo Exam Bldg (023))-Deg2 (630d), 05-May-17*
A1170	Location 5(Common Utility Enclosure & Staff Subway)-Deg1 (320d)																	◆ Location 5(Common Utility Enclosure & Staff Subway)-Deg1 (320d), 29-Jun-16*
A1180	Location 5(Common Utility Enclosure & Staff Subway)-Deg2 (-)																	◆ Location 5(Common Utility Enclosure & Staff Subway)-Deg2 (-), 16-Nov-16*
A1190	Location 6(Common Utility Enclosure & Staff Subway)-Deg1 (400d)																	◆ Location 6(Common Utility Enclosure & Staff Subway)-Deg1 (400d), 17-Sep-16*
A1200	Location 6(Common Utility Enclosure & Staff Subway)-Deg2 (-)																	◆ Location 6(Common Utility Enclosure & Staff Subway)-Deg2 (-), 06-Nov-16*
A1210	Location 7(Common Utility Enclosure & Staff Subway)-Deg1 (270d)																	◆ Location 7(Common Utility Enclosure & Staff Subway)-Deg1 (270d), 10-May-16*
A1230	Location 8(Inbd Private Car Annex (025))-Deg1 (430d)																	◆ Location 8(Inbd Private Car Annex (025))-Deg1 (430d), 17-Oct-16*
A1240	Location 8(Inbd Private Car Annex (025))-Deg2 (580d)																	◆ Location 8(Inbd Private Car Annex (025))-Deg2 (580d), 16-May-17*
A1241	Location 8(Inbd Private Car Annex (025) Canopy)-Deg1 (430d)																	◆ Location 8(Inbd Private Car Annex (025) Canopy)-Deg1 (430d), 17-Oct-16*
A1242	Location 8(Inbd Private Car Annex (025) Canopy)-Deg2 (580d)																	◆ Location 8(Inbd Private Car Annex (025) Canopy)-Deg2 (580d), 16-May-17*
A1250	Location 9(Outbd Private Car Annex (032))-Deg1 (520d)																	◆ Location 9(Outbd Private Car Annex (032))-Deg1 (520d), 15-Jan-17*
A1260	Location 9(Outbd Private Car Annex (032))-Deg2 (660d)																	◆ Location 9(Outbd Private Car Annex (032))-Deg2 (660d), 04-Jun-17*
A1261	Location 9(Outbd Private Car Annex (032) Canopy)-Deg1 (520d)																	◆ Location 9(Outbd Private Car Annex (032) Canopy)-Deg1 (520d), 15-Jan-17*
A1262	Location 9(Outbd Private Car Annex (032) Canopy)-Deg2 (660d)																	◆ Location 9(Outbd Private Car Annex (032) Canopy)-Deg2 (660d), 04-Jun-17*
A1270	Location 10(Shuttle Bus Kiosks (006))-Deg1 (480d)																	◆ Location 10(Shuttle Bus Kiosks (006))-Deg1 (480d), 06-Dec-16*
A1280	Location 10(Shuttle Bus Kiosks (006))-Deg2 (550d)																	◆ Location 10(Shuttle Bus Kiosks (006))-Deg2 (550d), 14-Feb-17*
A1281	Location 10(Shuttle Bus Kiosks (006) Canopy)-Deg1 (480d)																	◆ Location 10(Shuttle Bus Kiosks (006) Canopy)-Deg1 (480d), 06-Dec-16*
A1282	Location 10(Shuttle Bus Kiosks (006) Canopy)-Deg2 (550d)																	◆ Location 10(Shuttle Bus Kiosks (006) Canopy)-Deg2 (550d), 14-Feb-17*
A1290	Location 11(Outbd Coach Kiosks (009))-Deg1 (400d)																	◆ Location 11(Outbd Coach Kiosks (009))-Deg1 (400d), 17-Sep-16*
A1300	Location 11(Outbd Coach Kiosks (009))-Deg2 (480d)																	◆ Location 11(Outbd Coach Kiosks (009))-Deg2 (480d), 06-Dec-16*
A1301	Location 11(Outbd Coach Kiosks (009) Canopy)-Deg1 (400d)																	◆ Location 11(Outbd Coach Kiosks (009) Canopy)-Deg1 (400d), 17-Sep-16*
A1302	Location 11(Outbd Coach Kiosks (009) Canopy)-Deg2 (480d)																	◆ Location 11(Outbd Coach Kiosks (009) Canopy)-Deg2 (480d), 06-Dec-16*
A1303	Location 11(Inbd Coach Kiosks (010))-Deg1 (400d)																	◆ Location 11(Inbd Coach Kiosks (010))-Deg1 (400d), 17-Sep-16*
A1304	Location 11(Inbd Coach Kiosks (010))-Deg2 (480d)																	◆ Location 11(Inbd Coach Kiosks (010))-Deg2 (480d), 06-Dec-16*
A1305	Location 11(Inbd Coach Kiosks (010) Canopy)-Deg1 (400d)																	◆ Location 11(Inbd Coach Kiosks (010) Canopy)-Deg1 (400d), 17-Sep-16*
A1306	Location 11(Inbd Coach Kiosks (010) Canopy)-Deg2 (480d)																	◆ Location 11(Inbd Coach Kiosks (010) Canopy)-Deg2 (480d), 06-Dec-16*
A1310	Location 12(Inbd Private Car Kiosks(027))-Deg1 (400d)																	◆ Location 12(Inbd Private Car Kiosks(027))-Deg1 (400d), 17-Sep-16*
A1311	Location 12(Inbd Private Car Kiosks(027))-Deg2 (480d)																	◆ Location 12(Inbd Private Car Kiosks(027))-Deg2 (480d), 06-Dec-16*
A1312	Location 12(Inbd Private Car Kiosks(027) Canopy)-Deg1 (400d)																	◆ Location 12(Inbd Private Car Kiosks(027) Canopy)-Deg1 (400d), 17-Sep-16*
A1313	Location 12(Inbd Private Car Kiosks(027) Canopy)-Deg2 (480d)																	◆ Location 12(Inbd Private Car Kiosks(027) Canopy)-Deg2 (480d), 06-Dec-16*
A1314	Location 12(Inbd GV Kiosks (028))-Deg1 (400d)																	◆ Location 12(Inbd GV Kiosks (028))-Deg1 (400d), 17-Sep-16*
A1315	Location 12(Inbd GV Kiosks (028))-Deg2 (480d)																	◆ Location 12(Inbd GV Kiosks (028))-Deg2 (480d), 06-Dec-16*
A1316	Location 12(Inbd GV Kiosks (028) Canopy)-Deg1 (400d)																	◆ Location 12(Inbd GV Kiosks (028) Canopy)-Deg1 (400d), 17-Sep-16*
A1317	Location 12(Inbd GV Kiosks (028) Canopy)-Deg2 (480d)																	◆ Location 12(Inbd GV Kiosks (028) Canopy)-Deg2 (480d), 06-Dec-16*
A1318	Location 12(Outbd GV Kiosks (029))-Deg1 (400d)																	◆ Location 12(Outbd GV Kiosks (029))-Deg1 (400d), 17-Sep-16*
A1319	Location 12(Outbd GV Kiosks (029))-Deg2 (480d)																	◆ Location 12(Outbd GV Kiosks (029))-Deg2 (480d), 06-Dec-16*
A1320	Location 12(Outbd GV Kiosks (029) Canopy)-Deg1 (400d)																	◆ Location 12(Outbd GV Kiosks (029) Canopy)-Deg1 (400d), 17-Sep-16*
A1321	Location 12(Outbd GV Kiosks (029) Canopy)-Deg2 (480d)																	◆ Location 12(Outbd GV Kiosks (029) Canopy)-Deg2 (480d), 06-Dec-16*
A1330	Location 13(Outbd Private Car Kiosks (030))-Deg1 (480d)																	◆ Location 13(Outbd Private Car Kiosks (030))-Deg1 (480d), 06-Dec-16*
A1340	Location 13(Outbd Private Car Kiosks (030))-Deg2 (550d)																	◆ Location 13(Outbd Private Car Kiosks (030))-Deg2 (550d), 14-Feb-17*
A1341	Location 13(Outbd Private Car Kiosks (030) Canopy)-Deg1 (480d)																	◆ Location 13(Outbd Private Car Kiosks (030) Canopy)-Deg1 (480d), 06-Dec-16*
A1342	Location 13(Outbd Private Car Kiosks (030) Canopy)-Deg2 (550d)																	◆ Location 13(Outbd Private Car Kiosks (030) Canopy)-Deg2 (550d), 14-Feb-17*
A1350	Location 14(Future-Outbd/Inbd Private Car Kiosks)-Deg1 (610d)																	◆ Location 14(Future-Outbd/Inbd Private Car Kiosks)-Deg1 (610d), 15-Apr-17*
A1370	Location 15(Inbd Traffic Control Kiosk (100))-Deg1 (400d)																	◆ Location 15(Inbd Traffic Control Kiosk (100))-Deg1 (400d), 17-Sep-16*
A1380	Location 15(Inbd Traffic Control Kiosk (100))-Deg2 (480d)																	◆ Location 15(Inbd Traffic Control Kiosk (100))-Deg2 (480d), 06-Dec-16*

Programme No.: HZMB-DWP Data Date: 14-Aug-15	<ul style="list-style-type: none"> █ 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	Revision	Checked	Approved
				14-Nov-16	Rev.: 0	WC	LC

Activity ID	Activity Name	2015		2016				2017				2018				2019	
		Q2	Q3	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
A1390	Location 16(Outbd Traffic Control Kiosk (101))-Deg1 (400d)																
A1400	Location 16(Outbd Traffic Control Kiosk (101))-Deg2 (480d)																
A1410	Location 17(Inbd Private Car Exam Bldg(033))-Deg1 (-)																
A1420	Location 17(Inbd Private Car Exam Bldg(033))-Deg2 (550d)																
A1430	Location 18(Outbd Private Car Exam Bldg(024))-Deg1 (-)																
A1440	Location 18(Outbd Private Car Exam Bldg(024))-Deg2 (670d)																
A1450	Location 19(DOH Cargo Clearance Bldg(043))-Deg1 (-)																
A1460	Location 19(DOH Cargo Clearance Bldg(043))-Deg2 (550d)																
A1461	Underground Ducting between Inbd Cargo Exam Bldg (037) and DOH Cargo Clearance Bldg (043) and CUE																
A1462	Underground Ducting between Inbd Cargo Exam Bldg (037) and Inbd Vehicle Clearance Plaza																
A1463	Underground Ducting between CUE and Outbd Car Exam Bldg (023)																
A1464	Underground Ducting Between Outbd Cargo Exam Bldg (023) and Outbd Vehicle Clearance Plaza																
A1465	Underground Ducting between CUE and Outbd Vehicle Clearance Plaza																
A1466	Underground Ducting between CUE and Inbd P. Car Annex (025) and Shuttle Bus Kiosks (006)																
A1467	Underground Ducting between PCB(001) and Inbd Coach Kiosks(010)																
A1468	Underground Ducting between CUE and Outbd PCA (032)																
A1478	Inbound Vehicle Clearance Plaza (Assume same as Location 3)																
A1488	Outbound Vehicle Clearance Plaza (Assume same as Location 4 degree 1 + 51 day)																
Interfaces Provisions																	
A7000	Inbound VID foundation and mounting structure (assume same as Access date of Inbound Vehicle Clearance Plaza)																
A7010	Inbound VTS foundation and mounting poles (assume same as Access date of Inbound Vehicle Clearance Plaza)																
A7020	Inbound TLS foundation and mounting poles (assume same as Access date of Inbound Vehicle Clearance Plaza)																
A7030	Outbound VID foundation and mounting structure (assume same as Access date of Outbound Vehicle Clearance Plaza)																
A7040	Outbound VTS foundation and mounting poles (assume same as Access date of Outbound Vehicle Clearance Plaza)																
A7050	Outbound TLS foundation and mounting poles (assume same as Access date of Outbound Vehicle Clearance Plaza)																
WA4 Site Erection & Servicing																	
A1740	Possession of Site																
A1750	Method Statement & Drawing																
A1760	Place Order to prepare materials																
A1770	Review, revise and approve method statement																
A1780	Equipment mobilization and construction material delivered to the site																
A1790	Set up the alignment and level of the u-channel																
A1800	Trial pit excavation																
A1801	Excavation for chain-link fence footing																
A4540	Underground Utility detection																
A4550	Delivery of asphalt and fencing materials																
A4560	Trimming and leveling soil surface for paving asphalt material																
A4570	Remove the vegetation and lose material on the soil surface by backhoe																
A4580	Set out the alignment and level of the u-channel																

Programme No.: HZMB-DWP Data Date: 14-Aug-15	<ul style="list-style-type: none"> 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)		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Date</th> <th>Revision</th> <th>Checked</th> <th>Approved</th> </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									

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
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)																	
Construction 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		Hong Kong-Zhuhai-Macao Bridge Hong Kong Boundary Crossing Facilities - Automatic Vehicle Clearance Support System (AVCSS)		Date	Revision	Checked	Approved
				14-Nov-16	Rev.: 0	WC	LC

Activity ID	Activity Name	2015		2016				2017				2018				2019	
		Q2	Q3	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
Coding		05-Jan-17, Coding CCS, SURCON, SYSCON, CDDBS Development Stage 1 VTS Development Stage 1 VIDS Development Stage 1 CCS, SURCON, SYSCON, CDDBS Development Stage 2 VTS Development Stage 2 VIDS Development Stage 2															
Software System Inetgration		22-May-17, Software System Inetgration Test Plan Documentation Submission Engineer's Review and Approval for Test Plan Documentation Submission Software System Integration Test CCS/SYSCON/SURCON/CDDBS/VTS/VIDS Software Enhancement Software User Acceptance Test (UAT)															
Prototype & Software Simulation Tests		09-Sep-16, Prototype & Software Simulation Tests Prototype Test Document Engineer's Approval for Testing Document CCWS with CDDBS, SURCON and SYSCON (Software Simulation/ Software Integration Test) Vehicle Tracking System (VTS) (Software Simulation/ Software Integration Test) LED Displays (VID, ODB and XDB) All-In-One Panel (AIOP) Prototype Testing Report Submission Engineer's Approval for Prototype Testing Report															
Procurement - Phase 1 / Section I		27-Dec-16, Procurement - Phase 1 / Section I Procurement of Equipment for Phase 1/Section I Procurement of Cable and Accessories for Phase 1 /Section I Procurement of All Servers and Workstations															
Supply/Manufacture products for FAT		10-Nov-16, Supply/Manufacture products for FAT Supply/Manufacture LED Display (ODB, VID and XDB) for FAT Supply/Manufacture All-In-One Panel (AIOP) for FAT Supply/Manufacture off-the-shelf equipment for FAT															
Factory Acceptance Test (FAT)		12-Dec-16, Factory Acceptance Test (FAT) FAT Procedure Document Engineer's Approval for FAT Procedure Document FAT for Licence Plate Recognition System (LPRS) FAT for PA/Intercom FAT for ODB FAT for XDB FAT for VID FAT for Video Management System (VMS) FAT for Vehicle Tracking System (VTS) FAT for Communication Network (CMN) FAT for All-In-One Panel (AIOP) FAT for AVCSS System Test FAT Report Submission															

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	Revision	Checked	Approved
14-Nov-16	Rev.: 0	WC	LC

Activity ID	Activity Name	2015				2016				2017				2018				2019	
		Q2	Q3	Q4		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
A4370	Engineer's Approval for FAT Report Submission																		
Supply/Manufacture Equipment																			
A6830	Supply/Manufacture LED (ODB, VID and XDB) Display for installation																		
A6840	Supply/Manufacture AIOF 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	AIOF On-Site for Phase 1/Section I																		
A6970	AIOF 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 128,129,130,131,128,12)																			
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	Revision	Checked	Approved
14-Nov-16	Rev.: 0	WC	LC

Activity ID	Activity Name	2015		2016				2017				2018				2019	
		Q2	Q3	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
A2093	VTS WS Installation																
A2094	VID WS Installation																
A2096	SURCON, SYSCON, WS Tuning																
Location 3a(Inbd Cargo Exam Bldg Main Server Room)																	
A3330	Cable Laying and termination in Location 3 and Location 3a																
A3340	AVCSS Server Installation																
A3350	VTS Server Installation																
A3360	Servers Tuning																
Location 4(Outbd Cargo Exam Bldg (023) MDF Room)																	
A3410	Cable Laying and termination between CUE and Location 4																
Location 4 and 4a(Outbd Cargo Exam Bldg (023) ROCARS Room)																	
A3370	Cable Laying and termination in Location 4 and 4a																
A3380	AVCSS SYSCON, SURCON and Intercom Installation																
A3390	VTS WS Installation																
A3400	SYSCON, SURCON, WS Tuning																
Location 5(Common Utility Enclosure & Staff Subway)																	
A3430	Cable Laying between Location 5 and Location 7																
A3440	Cable Laying between Location 5 and Location 6																
A3480	ODB Switch Installation at EL Room 2-7																
Location 6(Common Utility Enclosure & Staff Subway)																	
A3450	Cable Laying between Location 5 and Location 6																
A3490	ODB Switch Installation at EL Room 8-9,11-12																
Location 7(Common Utility Enclosure & Staff Subway)																	
A3470	Cable Laying between Location 5 and Location 7																
Location 12(Inbd Private Car Kiosks,GV Kiosks (027,028,029))																	
Inbd Private Car Kiosks(027) - 9 nos (Phase 1)																	
A2452	Cable Containment in Kiosks																
A2453	Cable Laying and termination																
A2454	Cable Splicing, Testing and Labeling																
A2460	AVCSS/DOH/MOM Kiosk Equipment Installation (9 nos)																
A2470	ODB & XDB installation (9 nos)																
A4380	Inbd Private Car Kiosk Installation Complete																
Inbd Goods Vehicle Kiosks(028) - 5 nos (Phase 1)																	
A2532	Cable Containment in Kiosks																
A2533	Cable Laying and termination																
A2534	Cable Splicing, Testing and Labeling																
A2540	AVCSS/DOH/MOM Kiosk Equipment Installation (5 nos)																
A2550	AIOP Installation (5 nos)																
A2560	ODB & XDB installation (5 nos)																
A4390	Inbd Goods Vehicle Kiosks Installation Complete																
Outbd Goods Vehicle Kiosks(029) - 5 nos (Phase 1)																	
A2572	Cable Containment in Kiosks																
A2573	Cable Laying and termination																
A2574	Cable Splicing, Testing and Labeling																
A2580	AVCSS/DOH/MOM Kiosk Equipment Installation (5 nos)																

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	Revision	Checked	Approved
14-Nov-16	Rev.: 0	WC	LC

Activity ID	Activity Name	2015			2016				2017				2018				2019	
		Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
A2590	AIOP Installation (5 nos)																	
A2600	ODB & XDB installation (5 nos)																	
A4400	Outbd Goods Vehicle Kiosks Installation Complete																	
Location 13(Outbd Private Car Kiosks (030)) - 9 nos (Phase 1)																		
A3582	Cable Containment in Kiosks																	
A3583	Cable Laying and termination																	
A3584	Cable Splicing, Testing and Labeling																	
A3590	AVCSS/DOH/MOM Kiosk Equipment Installation (9 nos)																	
A3600	ODB & XDB installation (9 nos)																	
A4410	Outbd Private Car Kiosks Installation Complete																	
Location 14(Future-Outbd/Inbd Private Car Kiosks) - 6+6 nos																		
A2441	Cable Laying and termination at ELV Room in CUE																	
Location 15(Inbd Traffic Control Kiosk (100))																		
A3651	Cable Laying and termination																	
A3652	AVCSS SYSCON, SURCON Installation																	
A3660	VTS WS and 55" LCD Installation																	
A3670	SYSCON, SURCON, WS Tuning																	
Location 16(Outbd Traffic Control Kiosk (101))																		
A3701	Cable Laying and termination																	
A3702	AVCSS SYSCON, SURCON Installation																	
A3710	VTS WS and 55" LCD Installation																	
Location 17(Inbd Private Car Exam Bldg(033) Operational Office)																		
A3750	Cable Laying and termination																	
A3760	AVCSS SURCON and 55" LCD Installation																	
A3770	SURCON Tuning																	
Location 18 (Outbd Private Car Exam Bldg(024) Operational Office)																		
A3780	Cable Laying and termination																	
A3790	AVCSS SURCON and 55" LCD Installation																	
Location 19 (DOH Cargo Clearance Bldg(043))																		
A2111	Cable Laying and termination between Location 19 and CUE																	
A2112	Cable Laying in Location 19																	
A2113	PA and Intercom Installation																	
A2123	PA and Intercom Tuning																	
Inbd Vehicle Clearance Plaza - 8 nos VID, 7 nos VTS, 4 nos TLS																		
A4050	Inbound VID cabling from pillar box to VID field equipment																	
A4052	Inbound VTS cabling from pillar box to VTS field equipment																	
A4054	Inbound TLS cabling from pillar box to TLS field equipment																	
A4060	Inbound VID field equipment installation (8 VID)																	
A4062	Inbound VTS field equipment installation (4 RFID + 3 Cameras)																	
A4064	Inbound TLS field equipment installation (4 TLS)																	
A4066	Inbound VID, VTS and TLS field equipment tuning																	
Outbd Vehicle Clearance Plaza - 8 nos VID, 6 nos VTS, 4 nos TLS																		
A4110	Outbound VID cabling from pillar box to VID field equipment																	
A4120	Outbound VTS cabling from pillar box to VTS field equipment																	
A4130	Outbound TLS cabling from pillar box to TLS field equipment																	

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	Revision	Checked	Approved
14-Nov-16	Rev.: 0	WC	LC

Activity ID	Activity Name	2015		2016				2017				2018				2019		
		Q2	Q3	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	
A4140	Outbound VID field equipment installation (8 VID)																	
A4150	Outbound VTS field equipment installation (3 RFID + 3 Cameras)																	
A4170	Outbound TLS field equipment installation (4 TLS)																	
A4180	Outbound VID, VTS and TLS field equipment tuning																	
Underground Ducting between Inbd Cargo Exam Bldg (037) and CUE																		
A3810	Cable Laying and termination (note: Access Date by C03)																	
Underground Ducting between Inbd Cargo Exam Bldg (037) and Inbd Vehicle Clea																		
A3830	Cable Laying and termination (note: Access Date by C03)																	
Underground Ducting between CUE and Outbd Car Exam Bldg (023)																		
A3850	Cable Laying and termination (note: Access Date by C03)																	
Underground Ducting Between Outbd Cargo Exam Bldg (023) and Outbd Vehicle C																		
A3870	Cable Laying and termination (note: Access Date by C03)																	
Underground Ducting between CUE and Outbd Vehicle Clearance Plaza																		
A3890	Cable Laying and termination (note: Access Date by C03)																	
On-Site Test and Commissioning (Phase 1 / Section I)																		
A2150	Testing & Commissioning Documents Submission (8 weeks before Testings carried out)																	
A2151	Engineer Approval for T&C Document																	
A2152	Joint Site Inspection for Permanent Power/Tele-communication for Initial on-site testing																	
A2153	Initial on-site Testing & Commissioning																	
Site Acceptance Test (Phase 1 / Section I)																		
A6601	Interface Readiness CED(LBS, CED IT, Metro-Ethernet) and IMMD (AVS)																	
A6602	SAT for AVCSS																	
A6603	SAT for Location 18 (AVCSS SURCON and 55" LCD)																	
A6630	SAT Test Document Submission																	
A6640	Software Manual Documentations Submission																	
Security Risk Assessment and Audit																		
A6800	SRAA (Assessment)																	
A6810	Fix per SRAA Assessment																	
A6820	SRAA Audit																	
Operability Period Test (Phase 1 / Section I)																		
A5610	Joint Site Inspection for utilities, telecom connection and metro ethernet for OPT																	
A5620	Operability Period Test (OPT) Phase 1																	
A5650	Operability Period Test (OPT) Phase 2																	
Completion (Phase 1 /Section I)																		
A2230	AVCSS - Certificate of Completion (Phase 1/Section I)																	
A2231	Certificate of Completion Approval by Engineer																	
Training and Document (Phase 1 /Section I)																		
A2180	Training Materials & Documentation Submission																	
A2190	Operation and Maintenance Training																	
Operation (Phase 1 /Section I)																		
A2240	Site Operation (Phase 1/Section I)																	
Engineering Support for Phase 1 / Section I																		

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	Revision	Checked	Approved
14-Nov-16	Rev.: 0	WC	LC

Activity ID	Activity Name	2015		2016				2017				2018				2019	
		Q2	Q3	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
A4420	Engineering Support for Phase 1/Section I																
Procurement - Phase 2 / Section II																	
A3980	Procurement of Lane Field Equipment for Phase 2/Section II																
Delivery and Bench Acceptance Test for Phase 2/Section II																	
A6760	Material On-site for Phase 2/Section II																
A6770	Bench Acceptance Test for Phase 2/Section II																
Instatllation - Phase 2 / Section II																	
Location 8(Inbd Pricate Car Annex (025)) (Phase 2)																	
A4090	Site Preparation																
A4091	Cable Containment in Kiosks																
A4093	Cable Laying and termination																
A4094	Cable Splicing, Testing and Labeling																
A4096	Mobilization of kiosk equipment																
A4100	AVCSS/DOH/MOM Kiosk Equipment Installation (1 no)																
A4430	Inbd Private Car Annex Installation Complete																
Location 9(Outbd Private Car Annex (032)) (Phase 2)																	
A4151	Site Preparation																
A4152	Cable Containment in Kiosks																
A4153	Cable Laying and termination																
A4154	Cable Splicing, Testing and Labeling																
A4156	Mobilization of kiosk equipment																
A4160	AVCSS/DOH/MOM Kiosk Equipment Installation (1 no)																
A4440	Outbd Private Car Annex Installation Complete																
Test and Commissioning (Phase 2 / Section II)																	
A2290	Testing & Commissioning Documents Submission																
A2291	Engineer Approval for T&C Document																
A2292	Initial on-site Testing & Commissioning																
A2300	Site Acceptance Tests (SAT)																
A2310	Operability Period Test (OPT)																
Completion (Phase 2 / Section II)																	
A2320	AVCSS - Certificate of Completion (Phase 2/Section II)																
A4320	Certificate of Completion Approval by Engineer																
Engineering Support for Phase 2 / Section II																	
A4450	Engineering Support for Phase 2/Section II																
Procurement for Phase2 / Section III																	
A4000	Procurement of Lane Field Equipment for Phase 2/Section III																
Delivery and Bench Acceptance Test for Phase2 / Section III																	
A6780	Material On-site for Phase 2/Section III																
A6790	Bench Acceptance Test for Phase 2/Section III																
Installation - Phase 2 / Section III																	
Location 10,11,12,13 (Vehicle Clearance Kiosks)																	
Shuttle Bus Kiosks (006) - 4 nos (Phase 2)																	
A2622	Cable Containment																

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	Revision	Checked	Approved
14-Nov-16	Rev.: 0	WC	LC

Activity ID	Activity Name	2015		2016				2017				2018				2019	
		Q2	Q3	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
A2623	Cable Laying and termination																
A2630	AVCSS/DOH/MOM Kiosk Equipment Installation (4 nos)																
A4460	Shuttle Bus Kiosks Installation Complete																
Outbd Coach Kiosks (009) - 4 nos (Phase 2)																	
A2662	Cable Containment																
A2663	Cable Laying and termination																
A2670	AVCSS/DOH/MOM Kiosk Equipment Installation (4 nos)																
A4470	Outbd Coach Kiosks Installation Complete																
Inbd Private Car Kiosks (027) - 12 nos (Phase 2)																	
A2742	Cable Containment																
A2743	Cable Laying and termination																
A2744	Cable Splicing, Testing and Labeling																
A2750	AVCSS/DOH/MOM Kiosk Equipment Installation (12 nos)																
A2760	Kiosk Equipment Configuration (12 nos)																
A4490	Inbd Private Car Kiosks Installation Complete																
Outbd Private Car Kiosks (030) - 12 nos (Phase 2)																	
A2782	Cable Containment																
A2783	Cable Laying and termination																
A2784	Cable Splicing, Testing and Labeling																
A2790	AVCSS/DOH/MOM Kiosk Equipment Installation (12 nos)																
A4500	Outbd Private Car Kiosks Installation Complete																
Inbd Goods Vehicle Kiosks (028) - 3 nos (Phase 2)																	
A2822	Cable Containment																
A2823	Cable Laying and termination																
A2825	Kiosk Equipment Configuration (3 nos)																
A2830	AVCSS/DOH/MOM Kiosk Equipment Installation (3 nos)																
A4510	Inbd Goods Vehicle Kiosks Installation Complete																
Outbd Goods Vehicle Kiosks (029) - 3 nos (Phase 2)																	
A2862	Cable Containment																
A2863	Cable Laying and termination																
A2865	Cable Splicing, Testing and Labeling																
A2870	AVCSS/DOH/MOM Kiosk Equipment Installation (3 nos)																
A4520	Outbd Goods Vehicle Kiosks Installation Complete																
Inbd Coach Kiosks (010) - 4 nos (Phase 2)																	
A2702	Cable Containment																
A2703	Cable Laying and termination																
A2705	Kiosk Equipment Configuration (4 nos)																
A2710	AVCSS/DOH/MOM Kiosk Equipment Installation (2 nos)																
A2720	AVCSS/DOH/MOM Kiosk Equipment Installation (2 nos)																
A4480	Inbd Coach Kiosks Installation Complete																
Underground Ducting between CUE and Shuttle Bus Kiosk (006)																	
A3970	Cable Laying and termination (note: Access Date by C03)																
Underground Ducting between PCB(001) and Inbd Coach Kiosks(010)																	
A3930	Cable Laying and termination (note: Access Date by C03)																
Test and Commissioning (Phase 2 / Section III)																	

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	Revision	Checked	Approved
14-Nov-16	Rev.: 0	WC	LC

Activity ID	Activity Name	2015			2016				2017				2018				2019	
		Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
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

- 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	Revision	Checked	Approved
14-Nov-16	Rev.: 0	WC	LC