APPENDIX 1.2 - IMPLEMENTATION SCHEDULE OF RECOMMENDED MITIGATION MEASURES

EIA Reference	EM&A Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Location/ duration of recommended measures & timing of completion of recommended measures	Implementation Agent	Implementation Stage [(a)]			Relevant Legislation & Guidelines
					D	C	O	
Air Quality								
S3.9	S3	Impervious sheets will be provided for the skip hoist for material transport.	Construction sites/ during construction (particularly dry season)	Contractor(s)		✓		*Air Pollution Control (Construction Dust) Regulation*
S3.9	S3	The area where dusty work takes place should be sprayed with water or a dust suppression chemical immediately prior to, during and immediately after dusty activities as far as practicable.	Construction sites/ during construction	Contractor(s)		✓		*Air Pollution Control (Construction Dust) Regulation*
S3.9	S3	Establishment and use of vehicle wheel and body washing facilities at the exit points of the site.	Construction sites/ during construction	Contractor(s)		✓		*Air Pollution Control (Construction Dust) Regulation*
S3.9	S3	Provision of not less than 2.4m high hoarding from ground level along the site boundary where adjoins a road, streets or other access to the public except for a site entrance or exit.	Construction sites/ during construction	Contractor(s)		✓		*Air Pollution Control (Construction Dust) Regulation*
S3.9	S3	All dusty materials should be sprayed with water or a dust suppression chemical immediately prior to any loading, unloading or transfer operation.	Construction sites/ during construction	Contractor(s)		✓		*Air Pollution Control (Construction Dust) Regulation*
S3.9	S3	Dropping heights for excavated materials should be controlled to a practical height to minimise the fugitive dust arising from unloading.	Construction sites/ during construction	Contractor(s)		✓		*Air Pollution Control (Construction Dust) Regulation*
S3.9	S3	During transportation by truck, materials should not be loaded to a level higher than the side and tail boards and should be dampened or covered before transport.	Construction sites/ during construction	Contractor(s)		✓		*Air Pollution Control (Construction Dust) Regulation*
S3.9	S3	Temporary stockpiles of dusty materials will be either covered entirely by impervious sheets or	Construction sites/ during construction	Contractor(s)		✓		*Air Pollution Control (Construction Dust) Regulation*

EIA Reference	EM&A Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Location/ duration of recommended measures & timing of completion of recommended measures	Implementation Agent	Implementation Stage [(a)]			Relevant Legislation & Guidelines
					D	C	O	
		sprayed with water to maintain the entire surface wet all the time.						
S3.9	S3	Stockpiles of more than 20 bags of cement, dry pulverised fuel ash and dusty construction materials will be covered entirely by impervious sheeting sheltered on top and 3-sides.	Construction sites/ during construction	Contractor(s)		✓		*Air Pollution Control (Construction Dust) Regulation*
S3.9	S3	All exposed areas will be kept wet always to minimise dust emission.	Construction sites/ during construction	Contractor(s)		✓		*Air Pollution Control (Construction Dust) Regulation*
S3.9	S3	Ultra-low Sulphur Diesel (ULSD) will be used for all construction plants on-site, as defined as diesel fuel containing not more than 0.005% sulphur by weight) as stipulated in *Environment, Transport and Works Bureau Technical Circular (ETWB-TC(W)) No 19/2005* on Environmental Management on Construction Sites.	Construction sites/ during construction	Contractor(s)		✓		*Environment, Transport and Works Bureau Technical Circular (ETWB-TC(W)) No 19/2005 on Environmental Management on Construction Sites*
S3.9	S3	The engine of the construction equipment during idling will be switched off.	Construction sites/ during construction	Contractor(s)		✓		*Air Pollution Control (Construction Dust) Regulation*
S3.9	S3	Regular maintenance of construction equipment deployed on-site will be conducted to prevent black smoke emissions.	Construction sites/ during construction	Contractor(s)		✓		*Air Pollution Control (Construction Dust) Regulation*
S3.9	S3	Non-road Mobile Machinery (NRMM), e.g. mobile generators and air compressors, will comply with the prescribed emission standards with a proper label approved by EPD.	Construction sites/ during construction	Contractor(s)		✓		*Air Pollution Control (Non-road Mobile Machinery) (Emission) Regulation*
S3.9	S3	Electric power supply for on-site machinery will be provided as far as practicable for construction activities.	Construction sites/ during construction	Contractor(s)		✓		*DEVB's TC No.13/2020, Timely Application of Temporary Electricity and Water Supply for Public Works Contracts and Wider Use of Electric Vehicles in Public Works Contracts*

EIA Reference	EM&A Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Location/ duration of recommended measures & timing of completion of recommended measures	Implementation Agent	Implementation Stage [(a)]			Relevant Legislation & Guidelines
					D	C	O	
S3.12	S3	To ensure proper implementation of the recommended dust mitigation measures and good construction site practices during the construction phase, regular environmental site inspections, i.e. on a weekly basis, are recommended throughout the construction period.	Construction sites/ during construction	Contractor(s)/ Environmental Team (ET) & Independent Environmental Checker (IEC)		✓		-
Noise								
S4.8	S4	The use of Quieter Construction Methods, QPME and temporary movable noise barriers/ acoustic enclosures and noise insulating fabric are recommended to minimise the noise impact at the affected NSRs during non-restricted working hours. In addition, noise insulation fabric should be lapped such that there would be no openings or gaps in the joints.	Construction sites/ during construction	Contractor(s)		✓		*EIAO-TM* *Noise Control Ordinance (CAP.400)*
S4.8	S4	Liaise with the school's management for the schedule of construction works to avoid carrying out noise construction activities during the examination period.	Construction sites/ during construction	Contractor(s)		✓		*EIAO-TM* *Noise Control Ordinance (CAP.400)*
S4.10	S4	To ensure proper implementation of the recommended noise mitigation measures and good construction site practices during the construction phase, regular environmental site inspections, i.e. on a weekly basis, are recommended throughout the construction period.	Construction sites/ during construction	Contractor(s)/ Environmental Team (ET) & Independent Environmental Checker (IEC)		✓		-
S4.10	S4	Prepare a construction noise management plan prior to the construction works to verify the inventory of noise sources, update the construction noise impact assessment if necessary, assess the effectiveness and practicality of all identified measures and update	Construction sites/ during construction	Contractor(s)	✓	✓		-

EIA Reference	EM&A Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Location/ duration of recommended measures & timing of completion of recommended measures	Implementation Agent	Implementation Stage [(a)]			Relevant Legislation & Guidelines
					D	C	O	
		the proposed noise mitigation measures as necessary.						
S4.8	S4	Provide low-noise road surfacing material on the new So Kwun Po Link and So Kwun Po Road Northbound.	Construction sites/ during design/ construction/ operation (Refer to Figure 4.3 of the EIA Report)	Contractor(s) (design & construction phases) CEDD (operation phase)	✓	✓	✓	EIAO-TM
S4.8	S4	Provide noise barriers on the new So Kwun Po Link and So Kwun Po Road Northbound.	Land site/ during design/ construction/ operation (Refer to Figure 4.3 of the EIA Report)		✓	✓	✓	EIAO-TM Guidelines on Design of Noise Barriers
S4.10	S4	To verify the effectiveness of the proposed noise mitigation measures, road traffic noise levels should be monitored at representative NSRs during the first year after the completion of road works.	Representative NSRs/ during operation	CEDD/ Environmental Team (ET) & Independent Environmental Checker (IEC)			✓	-
Water Quality								
S5.7	S5	Surface run-off from construction sites should be discharged into storm drains via adequately designed sand/silt removal facilities such as sand traps, silt traps and sediment basins. Channels or earth bunds or sandbag barriers should be provided on-site to properly direct stormwater to such silt removal facilities. Perimeter channels at site boundaries should be provided where necessary to intercept storm run-off from outside the site so that it will not wash across the site. Catchpits and perimeter channels should be constructed in advance of site formation works and earthworks.	Construction sites/ during construction	Contractor(s)		✓		*ProPECC PN1/94*
S5.7	S5	Silt removal facilities, channels and manholes should be maintained and the deposited silt and grit should be removed regularly, at the onset of	Construction sites/ during construction	Contractor(s)		✓		*ProPECC PN1/94*

EIA Reference	EM&A Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Location/ duration of recommended measures & timing of completion of recommended measures	Implementation Agent	Implementation Stage [(a)]			Relevant Legislation & Guidelines
					D	C	O	
		and after each rainstorm to ensure that these facilities are functioning properly at all times.						
S5.7	S5	Construction works should be programmed to minimize soil excavation works in rainy seasons (April to September). If excavation in soil could not be avoided in these months or at any time of year when rainstorms are likely, for the purpose of preventing soil erosion, temporarily exposed slope surfaces should be covered e.g. by tarpaulin. Intercepting channels should be provided (e.g. along the crest/edge of excavation) to prevent storm runoff from washing across exposed soil surfaces. Arrangements should always be in place to ensure that adequate surface protection measures can be safely carried out well before the arrival of a rainstorm.	Construction sites/ during construction	Contractor(s)		✓		*ProPECC PN1/94*
S5.7	S5	Earthworks final surfaces should be well compacted and the subsequent permanent work or surface protection should be carried out immediately after the final surfaces are formed to prevent erosion caused by rainstorms. Appropriate drainage like intercepting channels should be provided where necessary	Construction sites/ during construction	Contractor(s)		✓		*ProPECC PN1/94*
S5.7	S5	Measures should be taken to minimize the ingress of rainwater into trenches. If excavation of trenches in wet seasons is necessary, they should be dug and backfilled in short sections. Rainwater pumped out from trenches or foundation excavations should be discharged into storm drains via silt removal facilities.	Construction sites/ during construction	Contractor(s)		✓		*ProPECC PN1/94*
S5.7	S5	Open stockpiles of construction materials (e.g. aggregates, sand and fill material) on sites	Construction sites/ during construction	Contractor(s)		✓		*ProPECC PN1/94*

EIA Reference	EM&A Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Location/ duration of recommended measures & timing of completion of recommended measures	Implementation Agent	Implementation Stage [(a)]			Relevant Legislation & Guidelines
					D	C	O	
		should be covered with tarpaulin or similar fabric during rainstorms. Measures should be taken to prevent the washing away of construction materials, soil, silt or debris into any drainage system.						
S5.7	S5	Manholes (including newly constructed ones) should always be adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent storm run-off from getting into foul sewers. Discharge of surface run-off into foul sewers must always be prevented in order not to unduly overload the foul sewerage system.	Construction sites/ during construction	Contractor(s)		✓		*ProPECC PN1/94*
S5.7	S5	Water used in ground boring and drilling for site investigation or rock/soil anchoring should as far as practicable be recirculated after sedimentation. When there is a need for final disposal, the wastewater should be discharged into storm drains via silt removal facilities.	Construction sites/ during construction	Contractor(s)		✓		*ProPECC PN1/94*
S5.7	S5	All vehicles and plants should be cleaned before they leave a construction site to ensure no earth, mud, debris and the like is deposited by them on roads. A wheel washing bay should be provided at every site exit if practicable and wash water should have sand and silt settled out or removed before discharging into storm drains. The section of construction road between the wheel washing bay and the public road should be paved with backfall to reduce vehicle tracking of soil and to prevent site run-off from entering public road drains.	Construction sites/ during construction	Contractor(s)		✓		*ProPECC PN1/94*

EIA Reference	EM&A Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Location/ duration of recommended measures & timing of completion of recommended measures	Implementation Agent	Implementation Stage [(a)]			Relevant Legislation & Guidelines
					D	C	O	
S5.7	S5	Wastewater generated from building construction activities including concreting, cleaning of works and similar activities should not be discharged into the stormwater drainage system. If the wastewater is to be discharged into foul sewers, it should undergo the removal of settleable solids in a silt removal facility, and pH adjustment as necessary.	Construction sites/ during construction	Contractor(s)		✓		*ProPECC PN1/94*
S5.7	S5	Acidic wastewater generated from acid cleaning, etching, pickling and similar activities should be neutralized to within the pH range of 6 to 10 before discharging into foul sewers. If there is no public foul sewer in the vicinity, the neutralized wastewater should be tankered off-site for disposal into foul sewers or treated to a standard acceptable to storm drains and the receiving waters.	Construction sites/ during construction	Contractor(s)		✓		*ProPECC PN1/94*
S5.7	S5	For construction works within box culverts, construction works should preferably be arranged in dry season. Before the commencement of construction works within box culverts, diversion of channel flow (using sandbag barrier and/or other means of temporary flow diversion) would first be conducted to ensure works can be conducted in dry area. Excavation works for the Project should be undertaken in a confined and dry condition to minimise the adverse impact on water quality. All wastewater generated from the construction works should be collected and properly stored for disposal by licensed contractor.	Construction sites/ during construction	Contractor(s)		✓		*DSD Technical Circular No. 1/2017 Temporary Flow Diversions and Temporary Works Affecting Capacity in Stormwater Drainage Systems*
S5.7	S5	A sufficient number of chemical toilets should be required for each work area. These toilets	Construction sites/ during construction	Contractor(s)		✓		-

EIA Reference	EM&A Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Location/ duration of recommended measures & timing of completion of recommended measures	Implementation Agent	Implementation Stage [(a)]			Relevant Legislation & Guidelines
					D	C	O	
		should be regularly cleaned, maintained and emptied by a licensed contractor.						
S5.7	S5	Suitable containers should be used to hold the chemical wastes to avoid leakage or spillage during storage, handling and transport.	Construction sites/ during construction	Contractor(s)		✓		*Waste Disposal Ordinance (CAP.354)*
S5.7	S5	Chemical waste containers should be suitably labelled, to notify and warn the personnel who are handling the waste, to avoid accidents.	Construction sites/ during construction	Contractor(s)		✓		*Waste Disposal Ordinance (CAP.354)*
S5.7	S5	The storage area should be selected at a safe location on site and adequate space should be allocated to the storage area.	Construction sites/ during construction	Contractor(s)		✓		*Waste Disposal Ordinance (CAP.354)*
S5.7	S5	The design of the drainage system shall follow the relevant guidelines and practices as given in the *ProPECC PN5/93* and be fitted with appropriate design measures to control pollution of drainage water, namely, ▪ Standard screening designs such as gully grating should be provided to stop large objects from entering; ▪ Where appropriate, silt traps and oil interceptors should be provided to remove pollutants from runoff/stormwater. These facilities should also be cleaned, maintained and inspected regularly and particularly before and after a rainstorm.	Project Area / during design/ operation	Engineer's Representative / Contractor(s)	✓		✓	*ProPECC PN5/93*
S5.10	S5	To ensure proper implementation of the recommended water quality mitigation measures and good construction site practices during the construction phase, regular environmental site inspections, i.e. on a weekly basis, are	Construction sites/ during construction	Contractor(s)/ Environmental Team (ET) & Independent Environmental Checker (IEC)		✓		-

EIA Reference	EM&A Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Location/ duration of recommended measures & timing of completion of recommended measures	Implementation Agent	Implementation Stage [(a)]			Relevant Legislation & Guidelines
					D	C	O	
		recommended throughout the construction period.						
Waste Management								
S6.5	S6	The contractor(s) must ensure that all the necessary waste disposal licences are obtained prior to the commencement of the construction works.	Contract mobilisation/ during construction	Contractor(s)		✓		-
S6.5	S6	The contractor will open a billing account with EPD in accordance with the *Waste Disposal (Charges for Disposal of Construction Waste) Regulation* for the payment of disposal charges.	Contract mobilisation/ during construction	Contractor(s)		✓		*Waste Disposal (Charges for Disposal of Construction Waste) Regulation (CAP.354N)*
S6.5	S6	A trip-ticket system will be established in accordance with *DEVB TC(W) No.6/2010* to monitor the reuse of surplus excavated materials off-site and disposal of construction waste and general refuse at transfer facilities/ landfills, and to control fly-tipping.	Contract mobilisation/ during construction	Contractor(s)		✓		*DEVB TC(W) No. 6/2010* *Trip Ticket System for Disposal of Construction & Demolition Materials*
S6.5	S6	A WMP, with details of the amount of waste generated, recycled and disposed of (including the disposal sites), will be established and implemented during the construction phase as part of the Environmental Management Plan (EMP). The Contractor will be required to prepare the EMP and submits it to the Architect/ Engineer under the Contract for approval prior to implementation.	Construction sites/ during construction	Contractor(s)		✓		*ETWB TC(W) No.19/2005*
S6.5	S6	C&D materials will be segregated on-site into public fill and construction waste and stored in different containers or skips to facilitate the reuse of the public fill and proper disposal of the construction waste. Specific areas of the Site will be designated for such segregation and storage	Construction sites/ during construction	Contractor(s)		✓		-

EIA Reference	EM&A Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Location/ duration of recommended measures & timing of completion of recommended measures	Implementation Agent	Implementation Stage [(a)]			Relevant Legislation & Guidelines
					D	C	O	
		if immediate use is not practicable. Prefabrication will be adopted as far as practicable to reduce the construction waste arisings.						
S6.5	S6	All dump trucks should be equipped with GPS or equivalent systems for monitoring their transportation routes and parking locations to prohibit illegal dumping and landfilling of C&D materials. The Contractor should maintain a recording system to record the amount of C&D materials generated, recycled and disposed of at the disposal sites as well as the transportation routing and parking locations of the dump trucks.	Construction sites/ during construction	Contractor(s)		✓		-
S6.5	S6	The contractor(s) will register as a chemical waste producer with the EPD. Chemical waste will be handled in accordance with the *Code of Practice on the Packaging, Handling and Storage of Chemical Wastes*.	Construction sites/ during construction	Contractor(s)		✓		*Waste Disposal (Chemical Waste) (General) Regulation (CAP.354C)* *Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes*
S6.5	S6	Containers used for storage of chemical wastes will: • Be suitable for the substance they are holding, resistant to corrosion, maintained in good condition, and securely closed; • Have a capacity of less than 450L unless the specifications have been approved by the EPD; and • Display a label in English and Chinese in accordance with instructions prescribed in Schedule 2 of the Regulations.	Construction sites/ during construction	Contractor(s)		✓		*Waste Disposal (Chemical Waste) (General) Regulation (CAP.354C)* *Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes*
S6.5	S6	The storage area for chemical wastes will: • Be clearly labelled and used solely for the storage of chemical waste;	Construction sites/ during construction	Contractor(s)		✓		*Waste Disposal (Chemical Waste) (General) Regulation (CAP.354C)*

EIA Reference	EM&A Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Location/ duration of recommended measures & timing of completion of recommended measures	Implementation Agent	Implementation Stage [(a)]			Relevant Legislation & Guidelines
					D	C	O	
		• Be enclosed on at least 3 sides; • Have an impermeable floor and bunding, of capacity to accommodate 110% of the volume of the largest container or 20% by volume of the chemical waste stored in that area, whichever is the greatest; • Have adequate ventilation; • Be covered to prevent rainfall entering (water collected within the bund must be tested and disposed of as chemical waste, if necessary); and • Be arranged so that incompatible materials are appropriately separated.						*Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes*
S6.5	S6	Chemical waste will be disposed of: • Via a licensed chemical waste collector; and • To a facility licensed to receive chemical waste, such as the Chemical Waste Treatment Facility which also offers a chemical waste collection service and can supply the necessary storage containers.	Construction sites/ during construction	Contractor(s)		✓		*Waste Disposal (Chemical Waste) (General) Regulation (CAP.354C)* *Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes*
S6.5	S6	General refuse will be stored in enclosed bins separately from construction and chemical wastes. The general refuse will be delivered separately from construction and chemical wastes for offsite disposal on a daily basis to reduce odour, pest and litter impacts.	Construction sites/ during construction	Contractor(s)		✓		-
S6.5	S6	Recycling bins will be provided at strategic locations within the Project Site to facilitate recovery of recyclable materials (including aluminium cans, waste papers, glass bottles and plastic bottles, etc.). Materials recovered will be sold for recycling.	Construction sites/ during construction	Contractor(s)		✓		-

EIA Reference	EM&A Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Location/ duration of recommended measures & timing of completion of recommended measures	Implementation Agent	Implementation Stage [(a)]			Relevant Legislation & Guidelines
					D	C	O	
S6.5	S6	At the commencement of the construction works, training will be provided to workers on the concepts of site cleanliness and appropriate waste management procedures, including waste reduction, reuse and recycling.	Construction sites/ during construction	Contractor(s)		✓		-
S6.7	S6	It is recommended that regular environmental site inspections, i.e. on a weekly basis, of the waste management practices be carried out during the construction phase to determine if wastes are being managed in accordance with the recommended good site practices and WMP. The site inspections will investigate all aspects of waste management including waste generation, storage, handling, recycling, transportation and disposal.	Construction sites/ during construction	Contractor(s)/ Environmental Team (ET) & Independent Environmental Checker (IEC)		✓		-
Ecology								
S.8.7.4 to S.8.7.9	S8	*Minimizing construction disturbance especially to the North District Park Egretry and Day Roost (NDPEDR)* • Strictly use of non-percussive piling method within the 100m are of NDPEDR for all year around. Other noisy construction works within 100m area of the NDPEDR should also be avoided in breeding season as far as practicable. • Works programme to be scheduled to minimize construction impacts to NDPEDR during peak month(s) of breeding season. • A Construction Noise Management Plan shall be prepared before implementation of any	Construction sites/ during construction	Contractor(s) (including subsequent management and maintenance, if applicable)		✓		*EIAO-TM* *EIAO Guidance Note. 3/2010*

EIA Reference	EM&A Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Location/ duration of recommended measures & timing of completion of recommended measures	Implementation Agent	Implementation Stage [(a)]			Relevant Legislation & Guidelines
					D	C	O	
		construction works within 100m area of the NDPEDR during breeding season. • Use of Quality Powered Mechanical Equipment (QPME) • Installation of movable noise barriers and/or hoarding at the boundary of the works limit near the NDPEDR before any construction works • Any noisy machineries should be further enclosed by any noise reduction structure such as movable noise barrier/enclosure during their operation. • Early contractor's involvement or contract provision on alternate design/cost saving design by the Contractor. • Mitigation for reducing night-time light glare from reaching the NDPEDR. • The elevated extent of the construction works is limited to the viaduct erection equipment along the alignment of proposed bridge work. Erection of any unreasonably tall structures/ equipment is not envisaged.					
S.8.7.10	S8	Control of site runoff	Construction sites/ during construction	Contractor(s) (including subsequent management and maintenance, if applicable)		✓		*EIAO-TM* *EIAO Guidance Note. 3/2010* *ProPECC PN1/94*
S.8.7.11	S8	Good site practice	Construction sites/ during construction	Contractor(s) (including subsequent management and		✓		*EIAO-TM* *EIAO Guidance Note. 3/2010*

EIA Reference	EM&A Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Location/ duration of recommended measures & timing of completion of recommended measures	Implementation Agent	Implementation Stage [(a)]			Relevant Legislation & Guidelines
					D	C	O	
				maintenance, if applicable)				*ProPECC PN1/94*
S.8.7.12	S8	*Minimization of bird collision* Bird friendly design should be adopted for the newly constructed noise barrier when using transparent panels.	The newly constructed road/ during construction	Contractor(s) (including subsequent management and maintenance, if applicable)			✓	*EIAO-TM* *EIAO Guidance Note. 3/2010* *Guidelines on Design of Noise Barriers (EPD & HyD, 2003)*
Landscape and Visual								
S9.8 & 9.9 Table 9.10	S9	CM1 – Re-provisioned Cycle Track and Footpath – Alignment and layout of the Works were carefully planned to minimize the works footprint and avoid visual and landscape impact. The layout will be sited in areas of similar landscape character so as to make the works more compatible with the surrounding environment.	Construction Sites / Design and Construction Phases	CEDD (via Contractor)	✓	✓	✓	-
S9.8 & 9.9 Table 9.10	S9	CM2 – Preservation of Existing Vegetation – Any existing vegetation, trees and tree of particular interest (TPI) not affected by the Project and within 5m offset from the PDA Boundary shall be carefully preserved and protected in accordance with *DEVB TCW No.4/2020* and the latest *Guidelines on Tree Preservation During Development* by GLTMS of DEVB. If needed, they shall be transplanted to a suitable location within the PDA as far as feasible.	Construction Sites / Design and Construction Phases	CEDD (via Contractor)	✓	✓		*ETWB Technical Circular Works (TCW) No. 29/2004* and *3/2006* *DEVB TC(W) No.4/2020* and *DEVB TC(W) No. 5/2020.*
S9.8 & 9.9 Table 9.10	S9	CM3 – Transplanting of Affected Trees – 29 trees have been recommended for transplanting for their moderate transplanting success, and it is recommended to relocate the trees to a permanent receptor site within the Project Boundary directly after the completion of a 2 stages root preparation period (with a minimum	Construction Sites / Design and Construction Phases	CEDD (via Contractor until handover to the future tree maintenance departments)	✓	✓		*ETWB Technical Circular Works (TCW) No. 29/2004* and *3/2006* *HyD HQ/GN/13 Interim Guidelines for Tree Transplanting Works under Highways Department's Vegetation Maintenance Ambit*

EIA Reference	EM&A Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Location/ duration of recommended measures & timing of completion of recommended measures	Implementation Agent	Implementation Stage [(a)]			Relevant Legislation & Guidelines
					D	C	O	
		of 60 days interval) as far as practicable, and the work should follow the *Highways Guidelines HQ/GN/13 - Interim Guidelines for Tree Transplanting Works* under Highways Department's Vegetation, as well as the latest guidelines issued from the Greening, Landscape and Tree Management Section of the Development Bureau. Details regarding the transplantation will be submitted in the tree survey report to relevant government departments for approval in accordance with *ETWB TCW No.29/2004, DEVB TC (W) No.4/2020* and *"Guidelines on Tree Transplanting", GLTMS* of DEVB.						*DEVB TC(W) No.4/2020* and *DEVB TC(W) No.5/2020*.
S9.8 & 9.9 Table 9.10	S9	CM4 – Control of Night-time Lighting Glare – Any lighting provision of the construction works at night shall be carefully controlled to prevent light overspilling to the nearby VSRs and into the sky. Relevant best practices as suggested in the "Guidelines on Industry Best Practices for External Lighting Installations" promulgated by ENB shall be adopted.	Construction Sites / Construction Phase	CEDD (via Contractor)		✓		*Guidelines on Industry Best Practices for External Lighting Installations* promulgated by ENB
S9.8 & 9.9 Table 9.10	S9	CM5 – Good Site Practice – Construction areas' control, such as reducing the extent of working areas, temporary working areas, storage areas and shortening the construction period, shall be enforced to minimise potential landscape and visual impact arising from construction activities. The proposed site should reduce topographical / landform changes to reduce disturbance with the natural terrain. Earthworks and engineered slopes should be designed to be visually interesting and compatible with the surrounding landscape, mimic contouring and terrain. Temporary landscape treatment such as hydroseeding temporary stockpiles is	Construction Sites / Construction Phase	CEDD (via Contractor)		✓		-

EIA Reference	EM&A Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Location/ duration of recommended measures & timing of completion of recommended measures	Implementation Agent	Implementation Stage [(a)]			Relevant Legislation & Guidelines
					D	C	O	
		recommended. Protection measures for the nearby water bodies will be conducted in accordance with *ETWB TCW No.5/2005*.						
S9.8 & 9.9 Table 9.10	S9	CM6 – Erection of Decorative Screen Hoarding – Site hoardings shall be painted in a colour that is compatible with the surroundings and shall screen the views towards the construction works. Hoarding should be taken down at the end of the construction period.	Construction Sites / Construction Phase	CEDD (via Contractor)		✓		-
S9.8 & 9.9 Table 9.10	S9	CM7 – Reinstatement of Temporarily Disturbed Landscape Areas – All hard and soft landscape areas disturbed temporarily during construction shall be reinstated on a like-to-like basis, to the satisfaction of the relevant Government Departments.	Construction Sites / Construction Phase	CEDD (via Contractor)		✓		-
S9.8 & 9.9 Table 9.11	S9	OM1 – Compensatory Tree Planting – Trees felled due to the Project will be compensated as far as practicable in accordance with Development *Bureau Technical Circular (Works) No.4/2020*. For trees to be compensated on slopes, the guidelines for tree planting stipulated in *GEO Publication No. 1/2011* will be followed. A mix of standard trees and whip trees are proposed to be planted within Site, including flat landscaped areas and roadside planters, as well as gentle slopes adjacent to existing roads, proposed elevated roads, slip roads and reinstated slopes after works completion. A total of no less than 740 trees would be proposed for planting, and the compensation ratio is 1:1.	Construction sites / Design / Construction and Operation Phases	LCSD / CEDD / Allocatee of the SIMAR slopes as per DEVB TC(W) No. 6/2015	✓	✓	✓	Tree Removal Application process under *DEVB TC(W) No. 4/2020* *The Greening Master Plan* issued by CEDD and the *Street Tree Selection Guide* issued by DEVB

EIA Reference	EM&A Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Location/ duration of recommended measures & timing of completion of recommended measures	Implementation Agent	Implementation Stage [(a)]			Relevant Legislation & Guidelines
					D	C	O	
S9.8 & 9.9 Table 9.11	S9	OM2 – Roadside Planting – Although most of the works are carried out along the existing transportation corridors, greening opportunities for roadside planting shall be maximized as far as possible to effective visual relief to the adjacent VSRs. Planting opportunities shall be also explored in the shaded area underneath the proposed elevated roads to maximize the greening effect by shade-tolerant tree or shrub species. The roadside plant species shall be made reference to the *Greening Master Plan* issued by CEDD and the *Street Tree Selection Guide* issued by DEVB.	Construction sites / Design / Construction and Operation Phases	LCSD / CEDD as per DEVB TC(W) No. 6/2015	✓	✓	✓	Tree Removal Application process under *DEVB TC(W) No. 4/2020* *GEO Publication No. 1/2011* and the *Guiding Principles on Use of Native Plant Species in Public Works Projects* issued by DEVB *The Greening Master Plan* issued by CEDD and the *Street Tree Selection Guide* issued by DEVB and DEVB *TC(W) No. 6/2015 - Maintenance of Vegetation and Hard Landscape Features*
S9.8 & 9.9 Table 9.11	S9	OM3 – Aesthetically pleasing design for carriageways and other highways structures – Footbridges, pedestrian subways, cycle paths, carriageways and other highways structures proposed shall be sensitively designed in the regard of form, tonal colour and texture so as to minimise any potential adverse landscape and visual impact. Greening measures such as climbers along viaduct piers and shrubs along footbridges shall be fully explored in the design stage. Early advice from maintenance/management parties and ACABAS shall be sought.	Construction sites Design / Construction and Operation Phases	CEDD	✓	✓	✓	
S9.8 & 9.9 Table 9.11	S9	OM4 – Provision of Aesthetic Pleasing Treatment on Noise Barriers – Sensitive design of noise barriers and noise enclosures with chromatic measures. The design and colour themes shall be coherent with the existing noise barrier design along the adjourning transportation corridors such as So Kwun Po Road, San Wan Road and Pak Wo Road.	Construction sites / Design / Construction and Operation Phases	LCSD for soft landscape / CEDD for hard landscape	✓	✓	✓	*Guidelines on Greening of Noise Barriers* published by DEVB

EIA Reference	EM&A Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Location/ duration of recommended measures & timing of completion of recommended measures	Implementation Agent	Implementation Stage [(a)]			Relevant Legislation & Guidelines
					D	C	O	
		The detailed design of noise barriers and noise enclosures shall make reference to the *Guidelines on Greening of Noise Barriers* published by DEVB in appropriate locations, subject to the agreement of future maintenance departments. Greening measures such as screen planting and/or climbers along the barriers shall be fully explored in the design stage. Early advice from maintenance/management parties and ACABAS shall be sought.						
Cultural Heritage								
S10.6, 10.8	S10	As a precautionary measure, the project proponent and his/her contractor are required to inform AMO immediately when any antiquities or supposed antiquities under the *Antiquities and Monuments Ordinance (CAP.53)* are discovered during the course of works	Construction sites/ during construction	Contractor(s)		✓		-
S10.6, 10.8	S10	It is recommended to monitor any vibration and building movement induced by the proposed works on the graded historic buildings (No.5 Ng Uk Tsuen, GB-03), which is closest to the boundary of the Works Area, as well as on Grade 1 historic building (Pang Ancestral Hall, GB-01). This will ensure that there are no negative impacts from vibration on the graded historic buildings and will also provide relevant reference data for impact assessment.	GB-01 and GB-03/ during construction	Contractor(s)		✓		-

Note: (a) D = Design, C = Construction, O = Operation.