



路政署  
**HIGHWAYS DEPARTMENT**  
港珠澳大橋香港工程管理處  
Hong Kong - Zhuhai - Macao Bridge  
Hong Kong Project Management Office

Contract No. HY/2011/03: Hong Kong-Zhuhai-Macao Bridge  
Hong Kong Link Road - Section between Scenic Hill  
and Hong Kong Boundary Crossing Facilities  
Landscape and Visual Plan Rev 14

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## **APPENDIX N: IMPLEMENTATION SCHEDULE OF MITIGATION MEASURES ON LANDSCAPE & VISUAL IMPACT**

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中國建築工程(香港)有限公司  
CHINA STATE CONSTRUCTION ENGINEERING (HONG KONG) LTD.

## Implementation Schedule of Mitigation Measures on Landscape & Visual Impact

EIA Ref.	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location of the Measures	Implementation Stage	Implementation Status
S14.3.3.1	<p>General design measures include:</p> <ul style="list-style-type: none"> <li>• Roadside planting and planting along the edge of the reclamation is proposed;</li> <li>• Transplanting of mature trees in good health and amenity value where appropriate and reinstatement of areas disturbed during construction by compensatory hydro-seeding and planting;</li> <li>• Protection measures for the trees to be retained during construction activities;</li> <li>• Optimizing the sizes and spacing of the bridge columns;</li> <li>• Fine-tuning the location of the bridge columns to avoid visually sensitive locations;</li> <li>• Aesthetic design of the bridge form and its structural elements for HKLR, e.g. parapet, soffit, columns, lightings and so on;</li> <li>• Considering the decorative urban design elements for HKLR;</li> <li>• Maximizing new tree, shrub and other vegetation planting to compensate tree felled and vegetation removed;</li> <li>• Providing planting area around peripheral of HKLR for tree planting screening effect;</li> <li>• Providing salt-tolerant native trees along the planter strip at affected seawall and newly reclaimed coastline.</li> <li>• Providing aesthetic design on the viaduct, tunnel portals, at-grade roads and reclamation (e.g. subtle colour tone and slim form for viaduct to minimize the bulkiness of the structure and to blend the viaduct better with the background environment, featured form of tunnel portals, roadside planting along</li> </ul>	Minimise visual & landscape impact	Detailed designer	HKLR	Design Stage	As-constructed and under operation status

EIA Ref.	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location of the Measures	Implementation Stage	Implementation Status
	at-grade roads and landscape berm on & planting along edge of reclamation area) to beautify the HKLR alignment.					
S14.3.3.3	<p>Mitigate both Landscape and Visual Impacts:</p> <ul style="list-style-type: none"> <li>• Grass-hydroseed bare soil surface and stock pile areas.</li> <li>• Add planting strip and automatic irrigation system if appropriate at some portions of bridge or footbridge to screen bridge and traffic.</li> <li>• For HKLR, providing aesthetic design on the viaduct, tunnel portals, at-grade roads and reclamation (e.g. subtle colour tone and slim form for viaduct, featured form of tunnel portals, roadside planting along at-grade roads and landscape berm on &amp; planting along edge of reclamation area) to beautify the HKLR alignment.</li> <li>• Vegetation reinstatement and upgrading to disturbed areas.</li> <li>• Maximize new tree, shrub and other vegetation planting to compensate tree felled and vegetation removed.</li> <li>• Provide planting area around peripheral of and within HKBCF for tree screening buffer effect.</li> <li>• Plant salt-tolerant native tree and shrubs along the planter strip at affected seawall.</li> <li>• Reserve of loose natural granite rocks for re-use. Provide new coastline to adopt “natural-look” by means of using armour rocks in the form of natural rock materials and planting strip area accommodating screen buffer to enhance “natural-look” of the new coastline.</li> </ul>	Minimise visual & landscape impact	Contractor	HKLR	Construction Stage	As implemented
S14.3.3.3	<p>Mitigate Visual Impacts:</p> <ul style="list-style-type: none"> <li>• Minimize time for construction activities during construction period.</li> </ul>	Minimize visual impact	Contractor	HKLR	Construction Stage	As implemented

EIA Ref.	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location of the Measures	Implementation Stage	Implementation Status
	<ul style="list-style-type: none"> <li>Provide screen hoarding at the portion of the project site / works areas / storage areas near VSRs who have close low-level views to the Project during HKLR construction.</li> </ul>					
S14.3.3.3	Mitigate both Landscape and Visual Impacts: <ul style="list-style-type: none"> <li>Provide proper planting maintenance on the new planting areas to enhance the aesthetic degree.</li> </ul>	Minimise visual & landscape impact	Project Proponent	HKLR	Operation Stage	Under establishment period
S14.3.3.3	Mitigate Visual Impacts <ul style="list-style-type: none"> <li>Lighting design to minimize glare at night.</li> <li>Decorative road lighting to be considered.</li> </ul>	Minimize visual impact	Project Proponent	HKLR	Operation Stage	As-constructed and under operation