Inspection and test plan – Crushed Rock Pavement Construction

Project no. CC0399 **Project name** MREH BESS **Date** _____ **SGJV Approval** _____

ITP no. CC0399-ITP-005 **Revision date** 15.01.2024 **Plant and equipment used** Excavator, Tandems, Rollers, Watercart, Posi-Track

Lot no. _____ **Location (chainages, detailed description or marked up plan)** See lot map attached.

Attach Dockets, Certificates and QA Documents to ITP

						Verification of acceptance by					Remarks/record (e.g. Test frequency reports, certificates, checklist etc.)
						Symal			SGJV		
Item no.	Activity	Ref docs	Acceptance criteria	Acceptance	Freq	Key	Resp	Initial/ date	Key	Sign/ date	
1.0 Pre-start activities											
1.1	**Determine Lot Size**	N/A	What is the lot size?	_____m^2 Maximum lot size = See pre-approved lot maps	N/A	S	SE		S		☐ Work Lot Map
1.2	**Survey Setout**	IFC Drawings	Has the work area been set out for line and level?	Yes ☐ No ☐ N/A ☐	Prior to start of Works	W	SE		S		☐ Photo
1.3	**Material Classification & Source**	MRH/00/P/00-PM/SPC/0003 rev 3 page 55	Is the correct material being used?	Yes ☐ No ☐ N/A ☐ Please tick appropriate Box: Site Won ☐ 20mm Class 2 ☐ 20mm Class 3 ☐ 20mm Class 4 ☐	Prior to start of Works	W	SE		H		☐ Test Report/Material certificate

				Other _____							
2.0 Previous pavement conformance											
2.1	**Conformance of Previous Layer**	MRH/A0/B/00-CV/DWG0040	Has the previous layer passed acceptance criteria?	Yes ☐ No ☐ N/A ☐	Each Lot	W	SE		S		☐ Refer to ITP for previous layer
3.0 Placement of pavement											
3.1	**Placement**	IFC Drawings MRH/A0/B/00-CV/DWG0040	Has the fill been placed in a maximum compacted layer as outlined below? Maximum Layer Depth: 200mm	Yes ☐ No ☐ N/A ☐	Each Lot	S	SE		S		☐ Photo
3.2	**Moisture**	MRH/A0/B/00-CV/DWG0040	Has the material maintained at optimum moisture content (>85%), with additional water being added if required during compaction?	Yes ☐ No ☐ N/A ☐	Each Lot	S	SE		S		☐ Photo
3.3	**Compaction**	IFC Drawings MRH/A0/B/00-CV/DWG0040	Has the layer been adequately compacted achieving a mean value density ratio of: • **Lower Subbase:** 98% Std • **Upper Subbase:** 95% Mod 3 x tests to be conducted per compacted layer per approved lot map.	Yes ☐ No ☐ N/A ☐	Each Lot	W	SE		S		☐ Compaction test results
3.4	**Test Rolling**	MRH/A0/B/00-CV/DWG0040	Does the layer withstand test rolling without visible deformation of springing? List attendees:	Yes ☐ No ☐ N/A ☐ If 'no', please see sections 3.5 and 3.6. If 'yes', proceed to section 4.0.	Each Lot	W	SE		H		☐ Photo

3.5	**Identification of soft, wet or unstable material**	N/A	What quantity of soft, wet or unstable material is present?	_____m	As required		SE		S		☐ Photo
3.6	**Treatment of unsuitable material**	IFC Drawings	Has rectification process been submitted for review? What was the rectification process used?	Yes ☐ No ☐ N/A ☐ Process Used: _____	As required	S	SE		S		☐ Photo
4.0 Pavement conformance											
4.1	**Pavement Finish**	IFC Drawings	Has the pavement course been finished to a smooth and uniform surface?	Yes ☐ No ☐ N/A ☐	Once	W	SE		S		☐ Photo
4.2	**Width & Alignment**	IFC Drawings	Has the pavement been constructed at the correct width and alignment as detailed in the construction drawings?	Yes ☐ No ☐ N/A ☐	Each Lot	W	SE		S		☐ Photo
4.3	**Surface Level of Pavement Courses**	IFC Drawings	Has the prepared layer been surveyed in accordance with and verifying specified requirements? **All crushed rock layers:** Mean Range: +10mm to -10mm	Yes ☐ No ☐ N/A ☐	Each Lot	H	SE		H		☐ As-Built Reports

Works complete (signer SS) _____ **Date works complete** _____

Lot conforms (signer SE) _____ **Date lot closed** _____ **NCR/s no. raised** _____ **Date NCR closed for this lot** _____

Responsibility (Resp.) Key: **PM**-Project Manager, **PE**-Project Engineer, **SE**- Site Engineer, **CS**-Civil Superintendent, **SS**-Site Supervisor, S**V**-Surveyor, **CR**-Client Representative

Inspection Key : W – Witness, **H –** Hold Point, **S -** Surveillance