

Inspection and test plan – Crushed Rock Placement (Crushed Rock Paving, Base and Sub-Base)

Project no. CC0398 Project name VIVA ULSG Date 05/04/2024 Approved by Ari Birch
 ITP no. 03 Revision no. 1 Revision date 26/06/2024 Plant and equipment used _____
 Lot no. _____ Location (chainages, detailed description or marked up plan) _____

Attach Dockets, Certificates and QA Documents to ITP

Item no.	Activity	Ref docs	Acceptance criteria	Acceptance	Verification of acceptance by				Remarks / record (eg. test frequency, reports, certificates, checklist etc)
					Symal Infrastructure		VIVA		
					Key	Sign date	Key	Sign date	
1.0 Preliminaries									
1.1	Determine lot size	235929-000-CV-SP-002	Lot sizes is determined by the lesser of: One day's production or 4000m ²	_____ m ² Maximum lot size = 4000m ²	S		S		<input type="checkbox"/> Lot Mark-Up
1.2	Survey set-out	IFC Drawings	Is the work area clearly pegged out for line and level?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	W		S		
1.3	Material classification and source	235929-000-CV-SP-002	Has the nominated materials been approved for use on the project?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	H		H		<input type="checkbox"/> iDocs Approval Document iDocs Number _____
2.0 Conformance of previous layer									
2.1	Conformance of previous layer		Has the previous layer passed acceptance criteria?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	H		H		<input type="checkbox"/> ITP Number _____
Type of Pavement: For Crushed Rock Placement Below Concrete Pavement Refer to Section 3.0 For Crushed Rock Placement for Gravel Pavement Refer to Section 4.0 If multiple pavement types exist please complete as applicable Please strikeout not applicable sections									
3.0 Crushed Rock Placement Below Concrete Paving									



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3.1	Placement	IFC Drawings 235929-000-CV-SP-002	Has Class 2 Crushed Rock been placed to be a minimum of 250mm Thick as per IFC Drawings? Crushed Rock Layers must not exceed 250mm thick lifts if additional Crushed Rock is required.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	S		S		
3.2	Moisture	IFC Drawings 235929-000-CV-SP-002	Has the material maintained at optimum moisture content (>85%), with additional water being added if required during compaction?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	S		S		
3.3	Compaction	IFC Drawings 235929-000-CV-SP-002 DoT 304.09 DoT 304.11 DoT 304.121	Compaction Testing is to be completed at 3 tests per lot to the below requirements: <ul style="list-style-type: none">98% MDD+3% of Modified Moisture Content If testing of the first 3 consecutive lots have achieved the above requirements testing is to be reduced to testing per 2 lots until such time that a lot fails to meet the specified requirements.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	H		S		<input type="checkbox"/> Compaction test reports
3.5	Test rolling	IFC Drawings 235929-000-CV-SP-002	Does the layer withstand test rolling without visible deformation? List attendees:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A If 'no' please see below If 'yes' please proceed	H		W		<input type="checkbox"/> Proof Roll Sheet
3.6	Identification of soft wet or unstable material	IFC Drawings 235929-000-CV-SP-002	What quantity of soft, wet or unstable material is present?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	H		W		
3.7	Treatment of unsuitable material	IFC Drawings 235929-000-CV-SP-002	Has the nominated soft/wet spot been rectified by a remove and replace method?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	H		W		



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3.8	Placement of Polythene Membrane	IFC Drawings	Has the Polythene Membrane been installed above the completed Crushed Rock layer?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	S		S		
4.0 Crushed Rock Paving									
4.1	Placement of Geogrid	IFC Drawings	Has Geogrid been installed where non-paved areas have been excavated?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	W		S		<input type="checkbox"/> Material Approval
4.2	Placement of Crushed Rock	IFC Drawings 235929-000-CV-SP-002	Has 20mm Class 3 Crushed Rock been placed to be 400mm thick? Crushed Rock Layers must not exceed 250mm thick	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	S		S		
4.3	Moisture	IFC Drawings 235929-000-CV-SP-002	Has the material maintained at optimum moisture content (>85%), with additional water being added if required during compaction?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	S		S		
4.4	Compaction	IFC Drawings 235929-000-CV-SP-002 DoT 304.09 DoT 304.11 DoT 304.121	Compaction Testing is to be completed at 3 tests per lot to the below requirements: <ul style="list-style-type: none">100% Standard Compaction+3% of Modified Moisture Content If testing of the first 3 consecutive lots have achieved the above requirements testing is to be reduced to testing per 2 lots until such time that a lot fails to meet the specified requirements.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	H		S		<input type="checkbox"/> Compaction test reports
4.5	Test rolling	IFC Drawings 235929-000-CV-SP-002	Does the layer withstand test rolling without visible deformation? List attendees:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A If 'no' please see below If 'yes' please proceed	H		W		<input type="checkbox"/> Proof Roll Sheet



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					Key	Sign date	Key	Sign date	
4.6	Identification of soft wet or unstable material	IFC Drawings 235929-000-CV-SP-002	What quantity of soft, wet or unstable material is present?	_____m2					<input type="checkbox"/> Photos
4.7	Treatment of unsuitable material	IFC Drawings 235929-000-CV-SP-002	Has the nominated soft/wet spot been rectified by a remove and replace method?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A					<input type="checkbox"/> Proof Roll Sheet
5.0 Conformance check									
5.1	Pavement finish	IFC Drawings 235929-000-CV-SP-002	Has the crushed rock layer been finished to a smooth and uniform surface?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	W				
5.2	Surface level of pavement courses	IFC Drawings 235929-000-CV-SP-002	Has the prepared layer been surveyed in accordance with and verifying specified requirements? Tolerance: +-15mm	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	H		H		<input type="checkbox"/> As built reports
Comments: _____ _____ _____ _____									

Lot acceptance:

Symal Infrastructure representative name _____

VIVA/MDR representative name _____

Symal Infrastructure representative signature _____

VIVA/MDR representative signature _____

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