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Subcontractor (If Applicable)

**ITP Details:**

Clent	Construction Process	Contract Number:	Specifications	Structure / Component	Prepared By	Reviewed By:	Approved By
Regional Roads Victoria	CTCR Pavement Construction		Vicroads Specification Section 173, 175, 205, 210, 290, 304, 702 and 720, VR Code of Practice 500.2	CTCR Pavements			

## Project Location

**Lot No.**

### Lot details

## Lot size/qtys

Date: \_\_\_\_\_ Start: - \_\_\_\_\_ End: - \_\_\_\_\_

**Legend:**

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<b>HP</b>	Hold Point	Work shall not proceed past the HP until released by the Superintendent	<b>IP</b>	Inspection point	Formal Inspection to be done and recorded
<b>IHP</b>	SWA Internal Hold Point	Work shall not proceed past the IHP until released by SWA	<b>TP</b>	Test Point	Product compliance test to be undertaken and recorded/ reported

<b>WP</b>	Witness Point	An inspection which must be witnessed by the Superintendent	<b>SCP</b>	Survey conformance point	A qualified surveyor to check product/section/structure and report
<b>AP</b>	Approval Point	Written or verbal approval given by the Superintendent			

## 1. Preliminary Works

Task/Activity Description	Acceptance Criteria	Reference Documents	Method & Record of conformity	Responsibility	Signature 1	Signature 2	Comments
<b>1.1 Delivery Vehicles</b>  <b>Frequency</b>  Each Delivery Truck	Delivery vehicles shall have bodies fitted with covers of a suitable material to prevent loss of moisture during transport. Vehicles used for delivery of material to the hoppers of pavers shall have bodies or discharge equipment which will enable the load to be discharged direct into the hopper without spillage and in such a way that segregation will be minimised.	Vicroads std sec 306.07 (a)	<b>Method:</b> Visual Inspection  <b>Record:</b> Delivery Truck Photos (2 Per Lot)	WP  SWA Site Supervisor/ Engineer			

Task/Activity Description	Acceptance Criteria	Reference Documents	Method & Record of conformity	Responsibility	Signature 1	Signature 2	Comments
<b>1.2 Delivery Dockets</b>  <b>Frequency</b>  Each Delivery Truck	Delivery dockets shall show:  (i) name of the supplier, and location of plant; (ii) docket number; (iii) name of user; (iv) project name and location (or contract number); (v) registered number or fleet number of the vehicle; (vi) date and time of loading; (vii) nature and source of material; (viii) empty and loaded masses of the vehicle (where material is scheduled for measurement by mass); (ix) loose volume in delivery vehicle.	Vicroads std sec 306.07 (b)	<b>Method:</b> Visual Inspection  <b>Record:</b> Delivery Dockets Photos (2 Per Lot)	WP  SWA Site Supervisor/ Engineer			

## 2. Construction works

Task/Activity Description	Acceptance Criteria	Reference Documents	Inspection method & Record of conformity	Responsibility	Signature 1	Signature 2	Comments/Attachments /Other signatures
<b>2.1 Transverse Joints</b>  <b>Frequency:</b> Check prior to placing material	Material should be spread to minimize number of joints. Transverse joints shall be offset from one layer to next by not less than 2 metres	Vicroads std sec 306.08 (a, b, c)	<b>Method:</b> Visual Inspection  <b>Record:</b> Signed ITP & Staging Plan	IP  SWA Engineer  Site Supervisor			
<b>2.2 Longitudinal Joints</b>  <b>Frequency:</b> Check prior to placing material	Material should be spread to minimize number of joints. Longitudinal joints offset from one layer to next by not less than 150mm. Longitudinal joints to be located within 300mm from planned traffic lane lines or within 300 mm of the centre of a traffic lane.	Vicroads std sec 304.08 (a, d, e)	<b>Method:</b> Visual Inspection  <b>Record:</b> Signed ITP & Staging Plan Photos	IP  SWA Engineer  Site Supervisor			
<b>2.3 Lot Size</b>  <b>Frequency:</b> Check prior to placing material	A single lot shall be considered a single layer of 4000m <sup>2</sup> or one day's production in a single layer, whichever is lesser	VcRoads Std Specs 306.09	<b>Method:</b> Daily Inspection  <b>Record:</b> Signed ITP	IP  SWA Engineer  Site Supervisor			

Task/Activity Description	Acceptance Criteria	Reference Documents	Inspection method & Record of conformity	Responsibility	Signature 1	Signature 2	Comments/Attachments /Other signatures
<b>2.4 Layer Thickness</b>  <b>Frequency:</b> Each Lot	The minimum compacted thickness shall be not less than 100mm and the maximum compacted thickness shall no more than 180mm and constructed within the tolerances specified in Clause 306.03	VcRoads Std Specs 306.03	<b>Method:</b> Visual Inspection  <b>Record:</b> Signed ITP	IP  SWA Engineer  Site Supervisor			
<b>2.5 Test Rolling</b>  <b>Frequency:</b> Test roll each layer	No visible deformation or springing in presence of Superintendent's Rep. ( CI 173) Plant to comply with requirements of CI 173.03.  Pneumatic tyred plant nominated for test rolling procedures shall have a mass of not less than 20 tonne and shall have a ground contact pressure under either the front or rear wheels of not less than 450 kPa per tyre.	VcRoads Std Specs 173.03 173.03 (ii) Table 306.091	<b>Method:</b> Visual Inspection  <b>Record:</b> Signed ITP	IHP  SWA Engineer  Site Supervisor  <b>AP</b>  RRV Superintendent			

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<p><b>2.7 Curing and Protection of Compacted Layer</b></p> <p><b>Frequency:</b> Test roll each layer</p>	<p>The minimum compacted thickness shall be not less than 100 mm and the maximum compacted thickness shall be no more than 180 mm and constructed within the tolerances specified in Clause 306.03.</p> <p>(a) Pavement Design Modulus of <b>500 MPa</b> or where no Pavement Design Modulus is Specified</p> <p>The surface of each compacted layer shall be kept moist for a period of seven days unless covered at an earlier stage with the succeeding layer or with an approved curing membrane.</p> <p><b>Construction or other traffic shall not use a compacted layer within 24 hours of placement</b> without the approval of the Superintendent.</p> <p>The subbase shall be kept in good order and condition and free from contamination.</p>	VcRoads Std Specs 306.11	<p><b>Method:</b> Visual Inspection</p> <p><b>Record:</b> Signed ITP</p>	<p>IP</p> <p>SWA Engineer</p> <p>Site Supervisor</p>			

### 3. Testing Requirements

Task/Activity Description	Acceptance Criteria	Reference Documents	Inspection method & Record of conformity	Responsibility	Signature 1	Signature 2	Others
<b>3.1 Determine Testing Scale &amp; Initial testing frequency</b>  <b>Frequency:</b> Prior to testing	Table 306.031 from VicRoads Section 306 nominates the level of testing required for acceptance of Surface Level Measurement. Scale B - Initially test every lot as per Table 815.141 except where the most recent ten successive test results have met the specified requirements then the testing may be halved.	Vicroads std sec 306.031 815.14 & Table 815.141	<b>Method:</b> Lot Register  <b>Record:</b> Signed ITP	TP  SWA Engineer			
<b>3.2 Compaction Testing</b>  <b>Frequency:</b> Each lot as required	The cementitious treated subbase material shall be placed, trimmed to level and fully compacted within the maximum allowable working time specified in Table 306.091 depending on the binder type and the time of year the subbase is being placed (May – Sep). For scale A requirements, the number of tests per lot shall be six. The lot will be accepted if the mean density ratio for the lot is not less than 96.0%.	Vicroads std sec 306.09 & Table 306.09, 306.09 (c)	<b>Method:</b> Compaction Testing External  <b>Record:</b> Signed ITP & Test Reports	TP  SWA Engineer  <b>AP</b>  RRV Superintendent			



Task/Activity Description	Acceptance Criteria	Reference Documents	Inspection method & Record of conformity	Responsibility	Signature 1	Signature 2	Others
<b>3.3 UCS</b>  <b>Frequency:</b> Each lot as required	Assessment of the UCS during production shall be on a 'rolling average' basis where the average of the most recent three UCS test results shall not be less than the minimum value specified in Table 821.081. (For rapid/slow setting cement the min UCS is 5 MPa for pavement >500 or <3500.)	VcRoads Std Specs Table 821.081	<b>Method:</b> Test Results  <b>Record:</b> Signed ITP & Test Reports	TP  SWA Engineer			
<b>3.4 Atterberg Limits</b>  <b>Frequency:</b> Each lot as required	The crushed concrete prior to the addition of cementitious binder shall comply with the requirements of Table 821.041 Liquid Limit % - 35 Plasticity Index (max) - 10 LA Value (max) - 40	VcRoads Std Specs Table 821.041	<b>Method:</b> Test Results  <b>Record:</b> Signed ITP & Test Reports	TP  SWA Engineer			
<b>3.5 Moisture Content</b>  <b>Frequency:</b> Each lot as required	The moisture content of the material at the time of spreading and compaction, expressed as a percentage by mass, shall be within plus 0.5% and minus 1.0 % from the Modified optimum moisture content.	VcRoads Std Specs 306.05	<b>Method:</b> Test Results  <b>Record:</b> Signed ITP & Test Reports	TP  SWA Engineer			

Task/Activity Description	Acceptance Criteria	Reference Documents	Inspection method & Record of conformity	Responsibility	Signature 1	Signature 2	Others
<b>3.6 Cement Content</b>  <b>Frequency:</b> Each lot as required	After mixing, the cementitious binder content of the mixture, expressed as a percentage by mass of the dry crushed rock, shall be within +/- 0.3% of the Design Cementitious Binder Content.	VcRoads Std Specs 815.10	<b>Method:</b> Test Results  <b>Record:</b> Signed ITP & Test Reports	TP  SWA Engineer			
<b>3.7 Grading</b>  <b>Frequency:</b> Each lot as required	The product shall not extend outside the specified grading limits as per table 821.071	VcRoads Std Specs Table 821.071	<b>Method:</b> Test Results  <b>Record:</b> Signed ITP & Test Reports	TP  SWA Engineer			

Task/Activity Description	Acceptance Criteria	Reference Documents	Inspection method & Record of conformity	Responsibility	Signature 1	Signature 2	Others
<b>3.8 Survey Conformance</b>  <b>Frequency:</b> Each lot as required	Layer to be finished to a smooth and uniform surface and after compaction shall conform within the following limits: Shape: no point deviation > 8mm from 3m straight edge in any direction Surface level tolerances: Range x = +6, -12mm Max S = 13 mm Min number of measurement levels for Scale B requirements is 40 measurements per lot	VcRoads Std Specs 306.03 & Table 306.031, 306.032	<b>Method:</b> Survey Report  <b>Record:</b> Signed ITP & Survey Reports	SCP  SWA Engineer  <b>AP</b>  RRV Superintendent			

Final Inspection Notes

Photo and video

Project Team signature

Not signed yet.

Photo and video

Final Inspection Notes

Client Signature

Not signed yet.