

		Inspection and Test Plan - Crushed Rock Classed							Document # ITP-005				
Client: DTP		Construction Process: Crushed Rock Class 4				Prepared by:		Reviewed by :		Approved by :			
Project: Stud Road/ Mcfees Road		Specifications: VicRoads Specifications Section 173, 204, 304 & 812				Name: Ruby Lewis		Name: Cameron Beattie		Name: Cameron Beattie			
Contract No: DOT38025		Structure / Component: Earthworks/Civil				Signed :		Signed :		Signed :			
						23/05/2025		Date : 23/05/2025		Date : 23/05/2025			
Lot No:		Lot Title:			Location: From (Lot Size/ Quantity:		Lot Opened Date:			
Item No.	Task/Activity Description	Inspection / Controls and Verification Detail					HP/ WP/ AP/ IP/ TP/ SCP	Responsibility Project Engineer Site Engineer Superintendent Surveyor Foreman	Checked by:				
		Frequency	Acceptance Criteria	Reference Documents	Inspection / Test Method	Record of conformity			Superintendent	Fulton Hogan	FH's Sub-contractor	Date	
1	Preliminary Works												
1.1	Induction	Prior to Commencing	All personnel on site have been inducted to the Project site	Inductions Register	Document review	Site induction signed.	AP	Site Engineer / Site Foreman	N/A		N/A		
1.2	Safety measures are in place, Safe Work Method Statement (SWMS) undertaken	Prior to commencing	All necessary measures and controls are being implemented, that is: PSP, CEMP, TMP & SWMS	Health and Safety Co-Ordination Plan	Document Review	SWMS(s) signed	HP	Site Engineer, Site Foreman & Superintendent					
1.3	Check that current revision drawings are being used	Prior to Commencing	Issued For Construction (IFC) and latest available revision used	Project Drawings / Drawing Register	Document review	Latest Revision Drawings	AP	Site Engineer / Site Foreman	N/A		N/A		
1.4	Confirm understanding of current CEMP and CHMP related to the work area and that all prescribed environmental controls are in place	Prior to Commencing	All environmental measures to be implemented as per current EMP and local authorities. Sediment control measures to be installed and protected vegetation to be clearly identified	IFC Drawings CEMP CHMP	Document review & Site inspection	Signed ITP	IP	Site Engineer	N/A				
1.5	Excavation Permit issued	Prior to Commencing	Current Excavation Permit signed and specific for the area where works will be executed.	Excavation Permit	Document review	Excavation Permit #	IP	Site Engineer	N/A		N/A		
1.6	Crushed Rock Mix design	Prior to Commencing Work	Crushed rock mixes proposed for use on specified works shall be registered in accordance with VicRoads Code of Practice for Registration of Crushed Rock Mix Designs as listed in Section 175.	VicRoads Spec. Cl.812.09	Document Review	Mix Design VicRoads Approval	HP*	Site Engineer	N/A		N/A		

		Inspection and Test Plan - Crushed Rock Classed							Document # ITP-005			
Client: DTP Project: Stud Road/ Mcfees Road Contract No: DOT38025		Construction Process: Crushed Rock Class 4 Specifications: VicRoads Specifications Section 173, 204, 304 & 812 Structure / Component: Earthworks/Civil Location:				Prepared by: Name: Ruby Lewis Signed : 23/05/2025		Reviewed by : Name: Cameron Beattie Signed : 23/05/2025 Date : 23/05/2025		Approved by : Name: Cameron Beattie Signed : 23/05/2025 Date : 23/05/2025		
Lot No:		Lot Title:		Location: From (Lot Size/ Quantity:		Lot Opened Date:				
Item No.	Task/Activity Description	Inspection / Controls and Verification Detail					HP/ WP/ AP/ IP/ TP/ SCP	Responsibility Project Engineer Site Engineer Superintendent Surveyor Foreman	Checked by:			
		Frequency	Acceptance Criteria	Reference Documents	Inspection / Test Method	Record of conformity			Superintendent	Fulton Hogan	FH's Sub-contractor	Date
2	Placing Fill											
2.1	Transverse Joints	Check prior to placing material	Material should be spread to minimize number of jointsTransverse joints shall be offset from one layer to next by not less than 2 metres	VicRoads Spec. Cl.304.07 (a) Cl.304.07 (c)	Site Inspection	Signed ITP	IP	Site Engineer	N/A		N/A	
2.2	Longitudinal Joints	Check prior to placing material	Material should be spread to minimize number of jointsLongitudinal joints offset from one layer to next by not less than 150mmLongitudinal joints to be located within 300mm from planned traffic lane lines or within 300 mm of the centre of a traffic lane.	VicRoads Spec. Cl.304.07 (a) Cl.304.07 (d) Cl.304.07 (e)	Site Inspection	Signed ITP	IP	Site Engineer	N/A		N/A	
2.3	Lot Size	Check prior to placing material	A single lot shall be considered a single layer of 4000m2 or one days production in a single layer, whichever is lesser.	VicRoads Spec. Cl.304.08 (b)(ii) Table 304.111	Site Inspection	Signed ITP	IP	Site Engineer	N/A		N/A	
2.4	Proof Roll	After placing material	Pavement lots should be subject to proof roll as outlined in VicRoads Section 173, under supervision of Superintendent	VicRoads Spec. Cl.304.08(b)(iv) Cl. 173	Site Inspection	Signed ITP	WP	Site Engineer & Superintendent			N/A	
3	Testing Requirements											
3.1	Determine Testing Scale & Initial testing frequency	Prior to Testing	Table 204.161 from VicRoads Standard nominates the level of testing required for acceptance of Surface Level Measurement. Scale A - Initially test every lot until 3 consecutive lots of like material and/or work have achieved the standards specified in Clauses 304.08. and 304.10. If no failures, Reduced Frequency applies as specified in Table 304.111.	VicRoads Spec. Table 204.161 VicRoads Spec. Cl.304.08 (a) Cl.304.11 (b) Cl.304.11 (c)(i) Table 304.111	Document Review/ Site Inspection	Signed ITP	IP	Site Engineer	N/A		N/A	

		Inspection and Test Plan - Crushed Rock Classed						Document # ITP-005				
Client: DTP Project: Stud Road/ Mcfees Road Contract No: DOT38025		Construction Process: Crushed Rock Class 4 Specifications: VicRoads Specifications Section 173, 204, 304 & 812 Structure / Component: Earthworks/Civil Location:				Prepared by: Name: Ruby Lewis Signed : 23/05/2025		Reviewed by : Name: Cameron Beattie Signed : Date : 23/05/2025		Approved by : Name: Cameron Beattie Signed : Date : 23/05/2025		
Lot No:		Lot Title:				Location: From (Lot Size/ Quantity:		Lot Opened Date:		
Item No.	Task/Activity Description	Inspection / Controls and Verification Detail					HP/ WP/ AP/ IP/ TP/ SCP	Responsibility Project Engineer Site Engineer Superintendent Surveyor Foreman	Checked by:			
		Frequency	Acceptance Criteria	Reference Documents	Inspection / Test Method	Record of conformity			Superintendent	Fulton Hogan	FH's Sub-contractor	Date
3.2	Modified Compactive Effort	As per 3.1	Characteristic Value of Density Ratio for Subbase:- > 98.0% (Scale A) 6 lot test Initial FrequencyTest No. _____ - > 97.0%	VicRoads Spec. Table 304.081	Site Inspection	Test Records	TP	Site Engineer	N/A		N/A	
3.3	Permeability Testing	As per 3.1	Class 4 Crushed rock max 5x10^9 m/sec. Where the Class 4 material is used as a levelling layer in a deep strength asphalt pavement, the Superintendent grants dispensation from 5x10-9 m/s Max permeability requirement in clause 3040.05(a) and table 3040.051 and allows FH to use 9x10-9 m/s Max permeability	Project Spec. Cl.3040.05(a) Table 3040.051 RFI-0085.01	Site Inspection	Test Records from Supplier	TP	Site Engineer	N/A		N/A	
3.4	Survey Level	At completion	Scale A: - Minimum number of measurements per lot: 80 For Upper - Upper Subbase: Mean + 4mm to - 8mm with a maximum Standard Deviation of 8mm - Lower Subbase: Mean +6mm to -10mm with a maximum Standard Deviation of 10mm. - Base: Mean ± 5 with a maximum Standard Deviation of 8mm.	VicRoads Spec. Table 304.061 Table 304.062	Site Inspection	Test Records	TP	Site Engineer	N/A		N/A	
Notes												
Final Inspection												
The signature below verifies that this ITP has been completed in accordance with the FH's Quality system Procedures and verifies lot compliance with specifications.												
Print Name:		Position:			Signature:			Date: / /				
Legend												
HP	Hold Point	Work shall not proceed past the HP until released by the Superintendent			IP	Inspection point	Formal Inspection to be done and recorded					
HP*	FH Hold Point	Work shall not proceed past the HP* until released by FH			TP	Test Point	Product compliance test to be undertaken and recorded/reported					
AP	Approval Point	Written or verbal approval given by the Superintendent			SCP	Survey conformance point	A qualified surveyor to check product/section/structure and report					
					WP	Witness Point	An inspection which must be witnessed by the Superintendent					