Fulton Hogan	Inspection and Test Plan - Control and Supervision of the Works	Document # ITP-017 Revision : 1 23/05/2025

Client:	DTP	**Construction Process:**	Prepared by:	Reviewed by :	Approved by :
Project:	Stud Road/ Mcfees Road	***Hot Mix Asphalt Placement***	Name: Ruby Lewis	Name: Cameron Beattie	Name: Cameron Beattie
Contract No:	DOT38025	**Specifications:** VicRoads Standard Specification – Section 407			
		Structure / Component: Pavement	Signed :	Signed :	Signed :
		Location:	23/05/2025	Date : 23/05/2025	Date : 23/05/2025

Lot No:	**Lot Details:**	**Lot Size/ Quantity:**

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			Client	Fulton Hogan	FH's Sub-contractor	Date
1	**Construction Works**											
1.1	Submission of Mix Design	Prior to commencing paving	Ensure this mix design has been registered and is approved by Superintendent prior to laying mix.	VicRoads Spec. Cl.407.06	Correspondence of receipt of mix design	VR approval Completed ITP	**HP**	Site Engineer/ Asphalt Supervisor / Superintendent				
1.2	Implementation of all measures and controls	Prior to commencing any activity	All necessary measures and controls are being implemented, that is: QMP, TMP, JSEA, SWMS & WP	QMP, TMP, JSEA, SWMS, WP	Visual Inspection	This ITP signed off	**HP***	Site Engineer / Site Foreman	N/A			
1.3	Site Inspection and Base Condition	Prior to commencing paving	Surface on which asphalt is to be placed is essentially dry and free from puddles and defects (holes, cracks, unstable material and edge irregularities) and loose materials.	407.14 AS2150 10.1 AS2150 10.3	Visual Inspection	ITP Signed	**WP**	Site Engineer/ Asphalt Supervisor	N/A			
1.4	Ambient Conditions for Placing	Prior to commencing paving	The majority of the surface area to be paved has a temperature greater than or equal to the following: Base & Intermediate Courses: 5°C for conventional binders or 10°C for PMBs & Class 600 Wearing Courses: 10°C for conventional binders or 15°C for PMBs	407.13	Verify	Thermometer	**IP**	Site Engineer/ Asphalt Supervisor	N/A			

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			Client	Fulton Hogan	FH's Sub-contractor	Date
1.5	Planning of Joints	Prior to commencing paving	Runs to be marked to ensure placement of joints satisfy the following unless otherwise approved by the Client: Transverse Joints Offset from layer to layer by at least 2m Longitudinal Joints Offset from layer to layer by at least 150mm and be within 300mm of the lane line or centre of lane. Wearing course shall be on lane lines.	407.17 (b) & (c) Pavement Drawings	Measure and mark out runs by tape measure or survey	Paving Plan	**WP**	Project Engineer/ Asphalt Supervisor	N/A			
2	**Asphalt Placement works**											
2.1	Tack Coat	Prior to commencing paving	Tack coat to be sprayed in a uniform film over the surface to be paved at a rate of 0.15-0.30 L/m2 of residual binder (60% bitumen)or 0.30 to 0.60 litres/m2 (30% bitumen content). This rate is to be doubled on joints and chases. Tack coat must be allowed to turn from brown to black before paving. NOTE: Tack coat is not required on clean, freshly placed asphalt or primed surfaces or when the layer to be placed exceeds 50mm unless directed by the Client	407.15 AS2150 11	Visual Inspection	Spray area	**WP**	Site Engineer/ Asphalt Supervisor	N/A			
2.2	Commencement of Placing	Prior to commencing Paving	The placement of asphalt on the sub-base or granular base for a new pavement or for an overlay of an existing bituminous surfaced pavement shall not commence until the consent to proceed is obtained from the Client.	407.18	Visual Inspection	ITP Signed	**HP**	Site Engineer/ Asphalt Supervisor / Superintendent				
2.3	Delivery of Mix	Each load	Asphalt is not segregated, binder is not separated or does not contain uncoated particles and the temperature from mixing plant is not more than 175°C.	407.16 Table 407.081	Visual Inspection	Delivery Docket	**WP**	Site Engineer/ Asphalt Supervisor	N/A			
2.4	Traceability	Each lot	Ability to locate asphalt test results placed in three dimensions i.e. start/end chainage, offset/lane and layer	Fulton Hogan Quality Plan	Verify	Daily Lot Record	**IP**	Site Engineer/ Asphalt Supervisor	N/A			
2.5	Layer Thickness and Level Control	Regularly during paving	Thickness of asphalt layer conforms to asphalt thickness on drawings or specifications	407.20 (a) & (b) Drawings	Verify	Dips using ruler or dip stick	**WP**	Site Engineer/ Asphalt Supervisor	N/A			
2.6	Surface Finish of Wearing Course	During paving and after final roll	The finished surface of asphalt wearing course shall be of uniform appearance, free of dragged areas, cracks, open textured patches and roller marks	407.23 (a)(i)	Visual Inspection	ITP Signed	**WP**	Site Engineer/ Asphalt Supervisor	N/A			
2.7	Kerb and Channel	During paving and after final roll	The edge of the wearing course shall be either flush with or not more than 5 mm above the lip of the channel unless otherwise specified	407.23 (a)(ii)	Visual Inspection	ITP Signed	**WP**	Site Engineer/ Asphalt Supervisor	N/A			

Item No.	Task/Activity Description	Inspection / Controls and Verification Detail					HP/ WP/ AP/ IP/ TP/ SCP	Responsibility	Checked by:			
		Frequency	Acceptance Criteria	Reference Documents	Inspection / Test Method	Record of conformity		Project Engineer Site Engineer Superintendent Surveyor Foreman	Client	Fulton Hogan	FH's Sub-contractor	Date
2.8	Alignment of layers not placed against concrete edge	During paving and at completion of work	The edge of asphalt layers shall not be more than 50mm inside nor more than 100mm outside, the designed offset from centreline or design line. The rate of change of offset of the edge of layer shall not be greater than 25mm in 10m	407.23 (a)(iv) Drawings	Visual Inspection	ITP Signed	**IP**	Site Engineer/ Asphalt Supervisor	N/A			
3	**Testing**											
3.1	Compaction	Per Lot	For layers <50mm, if characteristic density ratio is: 94.0% or greater Accept lot 91.0% to 93.9% Lot may be accepted at reduced rate For layers ≥50mm, if characteristic thickness is: 96.0% or greater Accept lot 91.0% to 95.9% Lot may be accepted at reduced rate	Table 407.221	Verify	Test Report	**TP**	Site Engineer/ FH Lab Technician	N/A			
3.2	Level Conformance	Per 4,000m2 at completion of work	Individual departures from design not to exceed ±5mm with a standard deviation of no greater than 8mm (Scale A)	Table 407.232	Survey by VicRoads Section 173	Survey Conformance	**SCP**	Site Engineer/ Surveyor	N/A		N/A	

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