

	<b>Inspection and Test Plan - Control and Supervision of the Works</b>	<b>Document #</b> <b>ITP-004a</b> Revision : 02      Date: 28/04/2022
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<b>Client:</b> Yarra Trams <b>Project:</b> <b>Contract No:</b>	<b>Construction Process:</b> Class 2 Base Course Placement  <b>Specifications:</b> Yarra Trams Infrastructure - Tram Track Construction CE-019-ST-0033 <b>Structure / Component:</b> Tram Tracks <b>Location:</b>	<b>Prepared by:</b> Name: Jack Wood  Signed : Date : 28/04/22	<b>Reviewed by :</b> Name: Damon Bromwich  Signed : Date : 28/04/22	<b>Approved by :</b> Name: Shaun Kent  Signed : Date : 28/04/22
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Lot No:	Lot Details:	Lot Size/ Quantity:
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Item No.	Task/Activity Description	Inspection / Controls and Verification Detail					HP/ WP/ AP/ IP/ TP/ SCP	Responsibility 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	Preliminary Works											
1.1	Check for correct documentation	Prior to commencing any activity	Ensure that employees and sub contractors are using the most current and complete set of construction drawings.	Drawings and drawing registers	Visual inspection	This ITP signed	HP*	FH Engineer	N/A		N/A	
1.2	Implementation of all measures and controls	Prior to commencing any activity	All necessary project measures and controls are being implemented, that is: EMP, TMP, SWMS & WP	EMP, TMP, JSEA, SWMS, WP	Verify	This ITP signed	HP*	FH Engineer	N/A		N/A	
1.3	Material Compliance	Prior to commencing any activity	Ensure that the base course material complies with the requirements of VicRoads Standard Specification Section 820.	CE-019-ST-0033	Document Review	Test Reports from supplier	HP*	FH Engineer	N/A		N/A	
2	Construction Works											
2.1	Sub Base	Each Lot	•Sub grade has been inspected, no visible ponding, springing presence, or visible deformation. •ITP-001 HP for subgrade inspection signed off	VicRoads 173.03	Inspection / Test Method	This ITP signed	HP*	Fulton Hogan Engineer	N/A		N/A	
2.2	Spreading material	Each lot	Material shall be spread in such a manner as to minimise segregation of the material into fine and coarse components. The pavement material shall be spread in even and equal layers more than 60 mm but not exceeding 120 mm in compacted thickness	CE-019-ST-0033 CL4.2.7.2.	Visual Inspection	This ITP signed off	IP	FH Engineer	N/A		N/A	
2.3	Compaction	Each lot	Immediately after spreading the material, compaction is to take place and moisture is to be applied to maintain moisture content within 1% of optimum moisture content. Each layer of material shall be separately compacted to a density of not less than 95 percent Modified Relative Compaction. Compaction of earthworks shall be carried out at a moisture content appropriate to the compacting equipment being used and between 85% - 125% of the optimum moisture content found in the compaction test. Compaction testing shall be carried out once per days production and shall comprise of three samples	CE-019-ST-0033 CL4.2.7.8.1 & CL4.2.8.2.	Visual Inspection	Test Results	TP	FH Engineer	N/A		N/A	
2.4	Level Checking and Conformance		Any deficiencies in the level or surface of the base course are to be rectified within the same day of placement	CE-019-ST-0033 CL4.2.8.3. & CL4.2.8.4.	Verify	This ITP signed off	IP	FH Engineer	N/A		N/A	
2.5	Finished surface	Each lot	Base course shall be constructed to the compacted thickness, levels, lines and grades shown on the drawings  Layer to be finished to a smooth and uniform surface and after compaction shall conform to acceptable limits.	•CE-019-ST-0033 CL4.2.2.8 •Contract drawings	Visual inspection	This ITP signed off	SCP	Surveyor/ FH Engineer	N/A		N/A	

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**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:
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Legend				
<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>HP*</b>	FH Hold Point	Work shall not proceed past the HP* until released by FH	<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		