Fulton Hogan	Inspection and Test Plan - Control and Supervision of the Works	Document # ITP-014 Revision : 0 Date : 30/11/2020

Client: Yarra Trams	**Construction Process:**	Prepared by:	Reviewed by :	Approved by :
Project:	***Bluestone Kerb Installation (MCC)***	Name: **Aaron Hatch**	Name: **Ruan Dippenaar**	Name: **Shaun Kent**
Contract No:	**Specifications:** City of Melbourne Standard Drawings and Specification: 1P 50406 **Structure / Component:** Bluestone kerb **Location:**	Signed : Date : 30/11/2020	Signed : Date : 30/11/2020	Signed : Date : 30/11/2020

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	**Preliminary Works**											
1.1	Check for Correct Documentation	Prior to Commencing Activity	•Ensure that employees and sub-contractors are using the most current and complete set of drawings	Contract Drawings and Registers	Visual Inspection	This ITP Signed off	**HP***	Fulton Hogan Engineer	N/A		N/A	
1.2	Implementation of all measures and controls	Prior to Commencing Activity	•All necessary measures and controls are being implemented, including: EMP, TMP, SWMS and WP	EMP, TMP, SWMS, WP	Inspection	This ITP Signed off	**HP***	Fulton Hogan Engineer	N/A		N/A	
1.3	Existing Bluestone Kerb Demolition	Each Lot	•Care shall be taken in removing existing bluestone kerb •Detailed dilapidation survey shall be conducted, noting the size and quantity of pitchers before demolition of heritage bluestone •Bluestone shall be salvaged and re-used in new kerb alignment	Work Procedure	Inspection	This ITP Signed off	**IP**	Fulton Hogan Engineer	N/A		N/A	
1.4	Setting out	Each Lot	•Line and level shall be set out according to design plans •Alignment of new kerb shall be marked out using string line	Work Procedure	Inspection	This ITP Signed off	**HP***	Fulton Hogan Engineer	N/A		N/A	
2	**Construction Works**											
2.1	Saw cut (if required)	Each Lot	•Saw cuts shall be made to the following depth for existing asphalt pavements: - Footpath: Minimum 75mm - Roadway: Minimum 125mm •Excavate to allow for design heights	CoM TS Sawn Bluestone cl 2.0	Visual Inspection	This ITP Signed off	**IP**	Fulton Hogan Engineer	N/A		N/A	

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2.2	Concrete Placement and Setting	Each Lot	•Bluestone kerb shall placed on a bed of low slump 20MPa concrete, minimum 75mm thickness •Gaps of >10-30mm< shall be provided and filled with mortar	CoM STD 1P 50406	Visual Inspection	This ITP Signed off	**IP**	Fulton Hogan Engineer	N/A		N/A	
2.3	Mortar Mix	Each Lot	•Joints shall be filled with mixed grout composed of the following: - 16% cement - 16% stonedust - 67% blended wash sand - 1% lime ready mix grout	CoM TS Sawn Bluestone cl 4 AS 3972 CoM SD 1P 50406	Verify	This ITP Signed off	**IP**	Fulton Hogan Engineer	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			