Fulton Hogan	Inspection and Test Plan - Control and Supervision of the Works	Document # FHC-ITP-025 Revision : 01 Date : 15/09/25

Client:	Yarra Trams	**Construction Process:**	Prepared by:	Reviewed by :	Approved by :
Project:	Vic & Eliz St Stage 2	*Structural Concrete Construction*	Name: Brandon Iredale	Name: **Patrick Fagan**	Name: **Shaun Kent**
Contract No:	8B5600	**Specifications:** AS 3600-2018, VicRoads Standard Specification Section 606, 607, 610, 611, 614	Signed :	Signed :	Signed :
		Structure / Component:	Date : 15/09/25	Date : 15/09/25	Date : 15/09/25
		Location: Vic and Elizabeth St			

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	**Design and Submissions**											
1.1	Check for correct documentation	Prior to commencing any activity	Ensure that all employees and subcontractors are: - using the correct and complete set of drawings -all drawings are the latest revision	Drawings and drawing registers	Visual inspection	This ITP signed	**HP***	Fulton Hogan Engineer	N/A		N/A	
1.2	Implementation of all measures and controls	Prior to commencing any activity	All necessary measures and controls are being implemented, that is: PSP, EMP, TMP, SWMS & WP	PSP, EMP, TMP, JSEA, SWMS, WP	Visual Inspection	This ITP signed	**HP***	Fulton Hogan Engineer	N/A		N/A	
1.3	Approval of mix design	Prior to the first concrete pour	Structural Concrete Design & Submission ITP completed and signed	610.07	Verify	This ITP signed	**HP***	Fulton Hogan Engineer	N/A		N/A	
1.4	Reinforcement schedule	Prior to concrete pour	Reinforcement schedule has been prepared for the reinforcement supply, to ensure that it achieves the specified tolerances on member dimensions, concrete cover and specified locations	611.04	Verify	This ITP signed	**IP**	Fulton Hogan Engineer	N/A		N/A	
2	**Construction/Erection of Formwork**											
2.1	Excavation	Prior to concrete pour	Excavations shall be to the depths shown on the drawings and that necessary to provide satisfactory foundation	Contract Drawings	Inspect	This ITP signed	**IP**	Fulton Hogan Engineer	N/A		N/A	
2.2	Construction Methodology	Prior to erection	Constructed in such a manner so it can be removed without damage to the concrete. Formwork/shoring shall be placed in locations where steel reinforcement and other fixtures can be inspected, and sufficiently tight at joints to prevent loss of slurry	614.04 614.06	Verify	This ITP signed	**IP**	Fulton Hogan Engineer	N/A		N/A	
3	**Pre-Pour Planning and Inspection**											
3.1	Excavation/Foundation – Blinding, sealing or foundation concrete	Prior to concrete pour	Blinding, sealing or foundation concrete shall not be placed until the bottom of the excavation has been reviewed by the Superintendent. Inspected and approved by the Superintendent. Hold Point released by the Superintendent.	602.03	Verify	This ITP signed	**HP**	Fulton Hogan			N/A	

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3.2	Formwork levels and position	Prior to concrete pour	A pre-pour survey carried out to confirm erected formwork within the tolerance. Any errors in the level or positioning of formwork is to be corrected prior to placing concrete	614.06	Verify	This ITP signed	SCP HP*	Fulton Hogan Engineer	N/A		N/A	
3.3	Location of splices	Schedule Review	In lapped splices, the bars shall be placed in contact and the specified cover shall be maintained.	611.11	Inspect	This ITP signed	IP	Fulton Hogan	N/A		N/A	
3.4	Cleaning formwork	Each concrete pour	Concrete shall not be placed until all foreign material has been completely removed from the forms	610.18 (a) (iii)	Verify	This ITP signed	IP	Fulton Hogan	N/A		N/A	
3.5	Correct forms, reinforcements, rag bolt assembly and embedments	Prior to concrete pour	Superintendent confirms that the inspected formwork, reinforcement, rag bolt assembly and embedments comply with the project drawings and specifications.	610.18 (a)	Verify	This ITP signed	HP	Fulton Hogan			N/A	
3.6	Reinforcement assembly of piles	Prior to concrete pour	Reinforcement and/or concrete shall not be placed until the proposed method of removing mud, loose rock or similar materials has been reviewed by the Superintendent.	610.17 (b),(c), (d)	Verify	This ITP signed	HP	Fulton Hogan	N/A		N/A	
3.7	Monitoring weather	Prior to concrete pour	Concrete shall not be place when temperature is <5°c or > 35°C All steel components that are in contact with the concrete shall be cooled to below 32°C before concrete is placed	610.17 (b),(c), (d)	Verify	This ITP signed	IP	Fulton Hogan	N/A		N/A	
4	**Placing and Finishing Concrete**											
4.1	Carry out sampling of concrete	Each concrete pour	Sampling in accordance with 610.16	610.16	Checklist	This ITP signed	IP	Fulton Hogan	N/A		N/A	
4.2	Discharge time	Each concrete pour	Discharge time (concrete placed and compacted) < 90 minutes from batch time unless approved otherwise.		Verify	This ITP signed. Accurate Site Notes & Load Mapping	IP	Fulton Hogan	N/A		N/A	
4.3	Methodology of placement (structural)	Each concrete pour	Concrete shall be tansported, handled and placed in a manner that will prevent segregation or loss of materials Concrete shall not be moved horizontally by vibrators In continuous pours the max. time lag between truckloads on site is 25 minutes	610.18	Verify	This ITP signed	IP	Fulton Hogan	N/A		N/A	
5	**Post-Pour Details and Inspection**											
5.1	Curing	Each concrete pour	Sufficient time shall be given for the concrete to cure prior to loading.	610.23	Verify	This ITP signed	IP	Fulton Hogan	N/A		N/A	
5.2	Formwork removal	Each concrete pour	Formwork shall be removed carefully and in such a manner as to avoid damage to the member or the concrete surfaces and maintain safety at all stages of removal. Formwork and formwork supports shall not be disturbed or adjusted during the concreting operation	610.25	Verify	This ITP signed	IP	Fulton Hogan	N/A		N/A	
5.3	Positional tolerance and dimensions of concrete members and piles	Each concrete pour	Dimensions within the tolerances given in Cl 17.5 of AS3600 (-10,+40)	AS3600 Cl 17.5 607.06	Verify	This ITP signed Post Pour Checklist completed	IP	Fulton Hogan	N/A		N/A	

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5.4	Concrete Sampling and Testing	Prior to lot closure	Concrete sampled and tested for Compressive Strength, and Slump.	610.16	Verify	This ITP signed	**TP**	Fulton Hogan	N/A		N/A	
5.5	As Built Drawings	Prior to lot closure	Recorded of as-built drawings	Fulton Hogan Procedure	Verify	This ITP signed	**IP**	Fulton Hogan	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			