

ITP-063-AX-LOT-XXX

Lot Title:

Lot No:

Inspection and Test Plan - Permanent Line Marking

Document # 1145-C200-FUL-QAC-ITP-0063

Revision: 00 Date: 25/07/2023

Approved by:

Lot Opened Date:

Lot Size/ Quantity:

Client: MRPV Construction Process: Permanent Line Marking Prepared by: Reviewed by:

ITP-063-AX-LOT-XXX - Desc

Project: Craigleburn Road Upgrade
Name: Karim Habib
Name: Jonathon Rock
Name: Babak Rudd
Specifications: Project Specification Sections 1160, and 3070

Contract No: CONS-1145

VicRoads Specification Section 721 (Feb 2017)

Position: Graduate Engineer Position: Project Engineer Position: Quality Manager

Location: From (

) to (

 Structure / Component:
 Linemarking works
 Date : 27/03/2023
 Date : 30/03/2023
 Date : 25/07/2023

Item			Inspection / Controls and Veri	fication Detail			HP/ WP/	Responsibility		Chec	ked by:	
No.	Task/Activity Description	Frequency	Acceptance Criteria	Reference Documents	Inspection / Test Method	Record of conformity	AP/ IP/ TP/ SCP	Project Engineer Site Engineer Superintendent Surveyor Foreman	Superintend ent	Fulton Hogan	FH's Sub- contractor	Date
1	Preliminary Works											
1.1	Inductions	Prior to Commencing linemarking works	All personnel on site have been inducted to the CRU Site.	Inductions Register	Document review	ITP signed Site induction signed.	IP	Site Engineer / Site Foreman	N/A			
1.2	Safety measures are in place, SWMS undertaken	Prior to Commencing linemarking works	As per Fulton Hogan Safety Strategy. All personnel on site to have signed onto relevant SWMS before commencing work.	Health and Safety Co-Ordination Plan	Document Review	ITP signed SWMS(s) signed	IP	Site Engineer / Site Foreman	N/A			
1.3	Check that current revision drawings are being used	Prior to Commencing linemarking works	Issued For Construction (IFC) drawings, & latest available revision used.	IFC Project Drawings, PS3070.04, PS3070.06	Document review	ITP signed Latest revision IFC drawings	IP	Site Engineer / Site Foreman	N/A			
1.4	Confirm understanding of current EMP related to the work area and that all prescribed environemental controls are in place	Prior to Commencing linemarking works	All environmental measures to be implemented as per construction environmental management plan	CEMP, Site induction, PS1200.03	Document review & Site inspection	ITP signed	IP	Site Engineer / Site Foreman	N/A			
1.5	Traffic Management (When required)	Prior to Commencing linemarking works	Approved TMP and MOA in use	Applicable TMP PS1160.012	Document review & Site inspection	ITP signed, Approved TMP & MOA	IP	Site Engineer / Site Foreman	N/A			
2	Linemarking Works											
2.1	Verification of line marking material	Prior to commencing site preparation	Line marking material to comply with minimum requirements as specified in VicRoads Spec 721.A05, VR721.A13, VR721.A14, & PS3070.05	P\$3070.05 VR721.A05	Document review	ITP signed Material compliance	ΙP	Site Engineer	N/A			
2.2	Site preparation	Per lot	Site to be prepared by removing any foreign materials and debris within reasonable limits.	PS3070.07C, VR721.A06, VR721.A08	Document review & Site inspection	ITP signed	ΙP	Site Engineer	N/A			



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Name: Babak Rudd
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Contract No: CONS-1145

VicRoads Specification Section 721 (Feb 2017)

Position: Graduate Engineer Position: Project Engineer Position: Quality Manager

Location: From (

) to (

 Structure / Component:
 Linemarking works
 Date : 27/03/2023
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Item			Inspection / Controls and Veri	fication Detail			HP/ Responsibility Checked by: WP/ AP/ Project Engineer Site Engineer					
No.	Task/Activity Description	Frequency	Acceptance Criteria	Reference Documents	Inspection / Test Method	Record of conformity		Project Engineer Site Engineer Superintendent Surveyor Foreman	Superintend ent	Fulton Hogan	FH's Sub- contractor	Date
2.3	Removal of unsuitable/redundant markings (If required)	Per lot	If redundant/unsuitable pavement markings to be removed, removal methodology to be approved by superintendent	P\$3070.07C, VR721.A06, VR721.A08, VR721.A12	Document review & Site inspection	ITP signed	НР	Site Engineer / Superintendent			N/A	
2.4	Set out of line markings; dimensions and spacings	Per lot	Painting/application of material shall not commence until the Superintendent has inspected the setout and installation timeframes are adherred to.	IFC Drawings, PS3070.07D, PS3070.07H, PS3070.07J, VR721.A09, VR721.B05, VR721.B04	Document review & Site inspection	ITP signed Consent to proceed by Superintendent OR written exemption granted	НР	Site Engineer / Superintendent			N/A	
2.5	Painted pavement marking application (if required)	Per lot	If required, Council approved painted pavement marking is to be applied by a self propelled machine, with the minimum requirements for paint, glass, and skid resistance to be as per Material TDS	Material TDS	Document review & Site inspection	ITP signed	IΡ	Site Engineer	N/A			
2.6	Long life pavement marking application	Per lot	all line marking shall be applied using a self propelled ride-on machine including statcon marking unless otherwise approved, with the minimum requirements for long life materials and glass beads to be as per table 721.E021 & Material TDS	VR721.E01 VR721.E02 Material TDS	Document review & Site inspection	ITP signed	IΡ	Site Engineer	N/A			
2.7	Protection of works	Per lot	Work to be protected by appropriate means until it is trafficable.	VR721.A11	Document review & Site inspection	ITP signed	ΙP	Site Engineer	N/A			



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Client:

Project:

Contract No: CONS-1145

Craigieburn Road Upgrade

Construction Process: Permanent Line Marking

Project Specification Sections 1160, and 3070 Specifications: VicRoads Specification Section 721 (Feb 2017)

Structure / Component: Linemarking works

Prepared by: Name:

Position:

Date :

Karim Habib

27/03/2023

Graduate Engineer

Name: Jonathon Rock

Reviewed by:

Date: 30/03/2023

Position: Project Engineer

Babak Rudd Quality Manager

Date: 25/07/2023

Approved by:

Name:

Position:

ITP-063-AX-LOT-XXX Lot Title: ITP-063-AX-LOT-XXX - Desc Lot No: Location: From (Lot Size/ Quantity: Lot Opened Date:) to (

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3	Testing												
3.1	Acceptance of retroflectivity	Per lot	Contractor to measure level of retroflectivity, with the average of six test site retroflectivity values for each lot.	VR721.A13	Document review & Site inspection	ITP signed Test report	TP	Site Engineer	N/A				
3.2	Acceptance of colour	Per lot	Colour match tests for white & yellow markings to be conducted as per 721.A14, with results forwarded to the superintendent no later than 5 days from testing.	VR721.A14	Document review & Site inspection	ITP signed Test report	TP	Site Engineer	N/A				
3.3	Acceptance of tolerances	Per lot	Survey conformance report to show line marking applied as per tolerances shown in table 721.A101.	VR721.A10 VR721.A101	Document review & Site inspection	ITP signed Survey report	SCP	Site Engineer	N/A				
3.4	Acceptance of work	Per lot	Work to comply with specified requirements as detailed in VR721.A12	VR721.A12	Document review & Site inspection	ITP signed	TP	Site Engineer	N/A				
3.5	Records & reporting	Per lot	All new markings to have job completion report forwarded to the superintendent, with a retroflectivity report completed and forwarded to the superintendent showing the retroflectivity for each test lot.	VR721.B06	Document review & Site inspection	ITP signed Reports	TP	Site Engineer	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:

Signature:

Date:

Work Completed On:

.eg	en	d

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

Position:



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Quality Manager

Position:

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Position: Project Engineer

Karim Habib Name: Jonathon Rock Name: Babak Rudd

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Graduate Engineer

Prepared by:

Name:

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AP		pproval Point Written or verbal approval given by the Superintendent			SCP	Survey confor	rmance point	A qualifie	ed surveyor to check pro	duct/section/st	ructure and report		
W	•	Witness Point An inspection which must be witnessed by the Superintendent											