Kerb & Channel

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Subcontractor (if applicable)

ITP Details:

Client	Construction Process	Contract Number:	Specifications	Structure / Component	Prepared By	Approved By
Regional Roads Victoria	Kerb & Channel		*Vicroads Specification Section 173, 175, 205, 210, 290, 304, 702 and 720, VR Code of Practice 500.2*	Drainage		

Project Location

Lot No:

Lot details

Lot size/Quantity:

Date Start: - End: -

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
IHP	SWA Internal Hold Point	Work shall not proceed past the IHP until released by SWA	**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			

1. Preliminary Works

Task/Activity Description	Acceptance Criteria	Reference Documents	Method & Record of conformity	Responsibility	Signature	Comments
1.1 Check for correct documentation **Frequency** 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	Vicroads std sec 100.6	**Method**: Drawing Register **Record**: Signed ITP	IHP Site Supervisor		

Task/Activity Description	Acceptance Criteria	Reference Documents	Method & Record of conformity	Responsibility	Signature	Comments
1.2 Implementation of all measures and controls **Frequency** Prior to commencing any activity	All necessary measures and controls are being implemented, that is: EMP, TMP & SWMS.	EMP, TMP & SWMS	**Method**: Visual Inspection **Record**: Signed ITP	IP SWA Project Manager Site Supervisor		
1.3 Setting Out **Frequency** Prior to commencing any activity	Chainage locations clearly identified for extent of kerb and channel by qualified surveyor. Offset for lip of kerb alignment shall be set minimum of 1m from Back of Kerb (BOK) and with finished heights indicated on survey peg.	Vicroads std sec 703.13	**Method**: Survey Setout **Record**: Signed ITP	IP SWA Project Manager Site Supervisor		

2. Construction works

Task/Activity Description	Acceptance Criteria	Reference Documents	Inspection method & Record of conformity	Responsibility	Signature 1	Reports	Photos	Comments
2.1 Excavation **Frequency**:Check prior to placing material	The base preparation for kerb and channel shall consist of a boxed out area to a depth of 355mm below FL and 1150mm wide. Excavation shall not extend more than 150mm from the edge of the adjacent face.	Vicroads std sec 703.20	**Method**: Survey/Site Inspection **Record**: Signed ITP	IP SWA Project Manager Site Supervisor				
2.2 Subgrade Inspection **Frequency**:Check prior to placing material	Test roll subgrade to check for No visual deformation or springing. Where deformation is exhibited, the Engineer or Superintendent is to be notified immediately.	Vicroads std sec 173.03 173.03 (ii)	**Method**: Visual Inspection **Record**: Signed ITP	IP SWA Project Manager Site Supervisor				
2.3 Bedding Preparation **Frequency**:Each lot as required	Bedding material to be used for base preparation shall consist of size 20mm Class 3 or Class 4 crushed rock at a minimum of 100mm compacted thickness. Preparation of finished base shall be 190mm below lip of kerb as per survey marks.	VcRoads Std Specs 703.21	**Method**: Site Inspection **Record**: Signed ITP	IP SWA Project Manager Site Supervisor				

Task/Activity Description	Acceptance Criteria	Reference Documents	Inspection method & Record of conformity	Responsibility	Signature 1	Reports	Photos	Comments
2.4 Kerb Concrete Mixture/Strength **Frequency**:Each lot as required	Traffic routes a minimum of or equivalent to 320kg of cementitious binder material or geopolymer binder per m3 of concrete – VR 330/32	VcRoads Std Specs 703.05 703.11	**Method**: Delivery Dockets **Record**: Signed ITP	IP SWA Project Manager Site Supervisor				
2.5 Tolerances on Line, Level & Shape **Frequency**:Each lot as required	All surfaces shall be finished in conformity with the lines, grades, thicknesses and cross sections shown on the drawings or as specified. Kerb and channel shall be constructed to the level of the adjoining pavement with a tolerance of 0 to +10mm. Except on curves or in shaped areas, the deviation of the finished work from a 3m straight edge shall not exceed 5mm at any point.	VcRoads Std Specs 703.15	**Method**: Visual Inspection **Record**: Signed ITP	IHP SWA Project Manager Site Supervisor				

Task/Activity Description	Acceptance Criteria	Reference Documents	Inspection method & Record of conformity	Responsibility	Signature 1	Reports	Photos	Comments
2.6 Kerb and Channel Finish **Frequency**:Each lot as required	All edging shall consist of a smooth, uniformed and of a trowel finish. The mortar used shall consist of two parts of fine aggregate, one part cement and sufficient water to produce a mix of suitable consistency. Thickness of the rendering shall not exceed 3mm.	VcRoads Std Specs 703.21 (a)	**Method**: Visual Inspection **Record**: Signed ITP	IHP SWA Project Manager Site Supervisor				
2.7 Kerb Backfill **Frequency**:Each lot as required	Once concrete has cured, topsoil which is free from perishable matter, shall be placed firmly compacted in layers less than 150mm thick and to a width of no less than 300mm behind the edging to the top of the edging.	VcRoads Std Specs 703.29	**Method**: Visual Inspection **Record**: Signed ITP	IHP SWA Project Manager Site Supervisor				

3. Testing Requirements

Task/Activity Description	Acceptance Criteria	Reference Documents	Inspection method & Record of conformity	Responsibility	Signature	Attachments	Photos	Comments
3.1 Compaction Testing **Frequency**:Each lot as required	For work to be tested for compliance with Scale A or Scale B requirements, the number of tests per lot shall be six. A small lot is classed as an area equivalent to or less than 500m2 and requires only 3 individual tests. Compaction testing for crushed rock material shall be no less than 98%.	Vicroads std sec 304.08 (b) Table 304.081 173.04 (d)	**Method**: Test Point **Record**: Signed ITP	TP External Geo tester **HP** SWA Project Manager **AP** RRV Superintendent				
3.2 Conformance Testing for concrete strength & consistency. **Frequency**:Each lot as required	The minimum compression strength requirements for each strength grade shall be as shown in Table 703.111	Vicroads std sec Table 703.111	**Method**: Survey Report **Record**: Signed ITP & Test Reports	TP External Surveyor **HP** SWA Project Manager **AP** RRV Superintendent				

Photo and video

Final Inspection Notes	
Project Team signature	-
Photo and video	
Final Inspection Notes	
Client Signature	-