



<div><div><div><div></div><div>WAKA KOTAHI</div></div><div><div>NZ TRANSPORT</div><div>AGENCY</div></div></div></div> <div><div>Downer</div><div></div></div>		Construction Process: Installation of 2 streetlights		Start RP		INSPECTION AND TEST PLAN - VERSION CONTROL				A	B	C	0 - IFC	
				Finish RP		Prepared by Pavement Designer:		PE name		dd/mm/yy				
						Reviewed by Construction Manager:		PM name		dd/mm/yy				
						Reviewed by Surf./ Pavmt Manager:		Surfacing or Pavement Manager		dd/mm/yy				
Client's Rep. : Neil Payne / Deena Tapara (Stellar Projects Ltd. (SPL))		Contractor's Rep. : Wayne Bowden (CM) / Sid Rudani (PM)		Specifications: Project Specification Activity: Street Light			Approved Quality Manager.:		Nominated by Group Quality Manager		dd/mm/yy			
							Approved by: Pavements SME.:		Responsible Group SME		dd/mm/yy			
							Issued by: Project Director		PE name		dd/mm/yy			
Item	Task/Activity/Description	Inspection/Test				Acceptance Criteria	Record documents (QCP - Quality Control Portal)	Responsibility	Project Specific Notes / Instructions	Checked by R = Responsible, I, Informed, A = Approve				
		Detail of Activity / Test	Action (Hold, Monitor, Witness)	Minimum Test Frequency	Inspection / Test method					Designer	Eng. Rep / NZTA	Contractor	Date	
1.0 Setout and Preparation														
1.01	Job Safety & Environmental Analysis	Install 2 streetlight and upgrade 2 Luminaires on exsisting streetlights.	H	Daily	NA	Method Statement and JSEA Completed and signed by relevant authority.	JSEA	Contractor	Job Safety & Environmental Analysis to be provided to Engineer for review prior to commencing excavation on site.	I	I	A	dd/mm/yy	
1.02	Method Statement Development	Supplyn and Install 2 new streetligh coloums and Cables as per Lighting design.	H	Once	NA	Method Statement completed and signed by relevant authority.	MS	Contractor	Method Statement provided to Engineer for review prior to commencing excavation on site.	I	I	A	dd/mm/yy	
1.03	Drawings and Specifications	Check drawings are for construction and latest revision. Check Specification is for construction and latest revision	H	As per lighting design	NA	Drawings and Specification are the latest revision.	IFC Drawings and Specification	Contractor	Up to date drawings and specification to be reviewed before construction.	I	I	A	dd/mm/yy	
1.04	Power Connection	Ensure power supply is organised and is undertaken by an experience and competent contractor.	M	Power supply to the new lights will be installed by Direct earth and conected to the existing streetlight circuit. Conections will be carried out by an Diret Earth OS1010 agent.	Visual Inspection	Unison to supply power to streetlight bases, contractor connecting streetlights to the network to be "approved" by the local electricity network company.	increase in load Documents.	Contractor	This will be submitted to NZTA and the network provider.	I	I	A	dd/mm/yy	
1.05	Survey Set Out	GPS Setout of the shared services trench location as per the construction drawings.	M	Setout location prior to commencing works	Visual Inspection	Streetlight set out locations do not clash with other features (i.e. existing/new services etc)	Contractor's site diary and/or photos	Contractor	Post Installation SAT report will be submitted to downer and Ramm update will be submittd to NZTA for this work. DEL will submit update drawing to surveyor for construction drawings.	I	I	A	dd/mm/yy	
2.0 Construction and Finshing														
2.01	Pole	Assembly - Poles will be spliced togeather on site prior to installtion.	M	each pole	Visual Inspection	Confirmation by contractor/installer of correct assembly per manufacturers instructions.	Photo	Contractor	the poles arrive in section and will be built on site by Direct Earth	I	I	A	dd/mm/yy	
2.02		Installation - this will be installed once ground stubs are set	M	each pole	Visual Inspection	Ensure poles are plumbed vertical. Confirmation by contractor/installer of correct installation to manufacturers specification by contractor/installer.	QC - SAT and Photos	Contractor	Installation to be done by Direct earth LTD using Manufactures specifications.	I	I	A	dd/mm/yy	
2.03		Type - elliptical with 2.5meter outreaches	M	each pole	Visual Inspection	Ensure the correct pole type is installed per the latest IFC drawings.	Check sheet	Contractor	pole ordered as per specification	I	I	A	dd/mm/yy	
2.04		Footings - 2.4meter shear base	M	each pole	Visual Inspection	Ensure poles are founded securely and have are adequatley backfilled to suit site conditions. Confirmation by contractor/installer of correct installation to manufacturers specification by contractor/installer.	Check sheet and Photos	Contractor	As per Installation Specifications.	I	I	A	dd/mm/yy	
2.05		Earthing - earthing to be installed by direct earth.	M	each pole	Visual Inspection - Electrical test	Confirmation by contractor/installer that all streetlights are earthed per installation requirements.	COC Sheet	Contractor	earthing to be installed during installation, new earth electrode and MEN link at each location.	I	I	A	dd/mm/yy	
2.06	Luminaire	Type - ITALo 2 LED	M	each luminaire	Visual Inspection	Ensure the correct luminaire type is installed per the latest IFC drawings.	Check sheet	Contractor	these luminaires are as per NZTA specifications	I	I	A	dd/mm/yy	
2.07		Tilt Angle - 0deg	M	each luminaire	Visual Inspection	Ensure the correct luminaire tilt angle is installed per the latest IFC drawings. +/-10	Check sheet	Contractor		I	I	A	dd/mm/yy	
2.08	Electrical Testing	Test relevant - ESC / COC and ROI required	H	each pole	Electrical Testing	Confirmation by contractor/installer that streetlights and circuits have been satisfactorily tested in accordance with Electrical (Safety) Regulations 2010.	COC Sheet/ ROI	Contractor	test to be completed prior to hand over by a qualified electrician with OS1010 certification.	I	I	A	dd/mm/yy	
2.09	Electrical certificate of compliance and electrical safety certificate	Complete COC	H	minimum once per Zone	Inspection / Audit	Submit COC.	COC Sheet / ROI	Contractor	To be submitted once works complete	I	I	A	dd/mm/yy	

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				Finish RP		Prepared by Pavement Designer:		PE name		dd/mm/yy				
				Project Name: Pakira Place and SH1 Streetlight installs			Reviewed by Construction Manager:		PM name		dd/mm/yy			
							Reviewed by Surf./ Pavmt Manager:		Surfacing or Pavement Manager		dd/mm/yy			
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3.0 Post Construction														
3.01	Collate above documentation	Document review	H	Each ITP	Review	All above documentation is shown as attached to this work pack.	Review	Contractor		I	I	A	dd/mm/yy	
3.02	As-built drawings	Survey	H	At completion of construction	Asbuilts to be submitted at the completion of construction, information to be captured regularly.	Asbuilts reviewed and submitted (i.e. showing final location of all poles).	In Eight record	Contractor	All As builts to be submitted from DEL	I	I	A	dd/mm/yy	
Client Final Inspection - the signature below verifies that this ITP has been completed in accordance with the Specifications and verifies lot compliance.							H	Hold Point	Work Shall not proceed past the HP until released by the Eng. Rep.					
							W	Witness Point	An Inspection which must be witnessed by the Eng. Rep.					
							M	Monitor Point	Intermittent monitoring of any stage of the work in progress by the Eng. Rep.					
Contractor's Rep Name: __Dylan Baxter__							Signature: __Dylan Baxter__		Date: _26-09-2025_					
Engineer's Rep. Name: _____							Signature: _____		Date: _____					