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1.3.6	1.3.5	1.3.4	1.3.3	1.3.2	1.3.1	1.3. STAE	1.2.5	1.2.4	1.2.3	1.2.2	1.2.1	12. BEFC	1.1.5	1.1.4	1.1.3	1.1.2	1.1.1	1.1. AGG	litem	Client's Re	D
Compaction	Depth of stabilisation	Injection & Mixing of Water		Spreading of powdered stabilising agent (Cement)	Stabilizing Agent	1.3. STABILISATION OPERATION	Weather conditions	Weather conditions	Weather conditions	Production Plan	Setout section	12. BEFORE STABILISATION COMENCES		Optimisation of Stabilizing Agent	H = Hold point up to approval of Optimisation Testing	Notes:	M4 AP40 Basecourse Aggregates used for overlay	1.1. AGGREGATE AND BINDER OPTIMISATION / ACCEPTANCE TESTING	Task/Activity/Description	Client's Rep.: Nigel Green	WAKA KOTAHI
Plateau Density Test	Depth of stabilisation	In-situ Stabilisation process	Compare area spread with weight used for each spreader load	Place 1m2 canvas or 0.5m x 0.5m trays along spreader run	Cement, GP		Rain	Wind	Ambient Temperature (C&L) Material to be stabilised (BE&FBS)	Plan showing cut lines and sequencing of works	Install offset pegs; record centreline, edge line or mark out stabilisation extents from existing line marking		Modified Maximum Dry Density	Indirect Tensile Strength, ITS	Particle Size Distribution	Broken Faces Content	Quality of Fines, either PI or SE or CI	ACCEPTANCE TESTING	Detail of Activity	Contractor: Higgins	HIGGINS.
€	Z	3	Z	3	Z		Z	3	Σ	3	Ζ		Z	Ξ	H/M*	H/M*	H/M*		Action (Hold, Monitor, Witness)		
On first day and then 1 per 20,000m2 unless material or anvil conditions change	Every 200m	On-going visual assessment	On-going measurement by computer/load cells	every 400 m2 every 150m for a 2.4m width	Per Batch		Prior to spreading cement or lime	Prior to spreading cement or lime	Prior to spreading	Prior to each section	Prior to each section		At Optimised Binder selection	1 Optimisation test per aggregate type	1 per 1,000 m2	1 per 1,000 m2	1 per 1,000 m2		ction/frest Minimum Test Frequency (Lot = 1 day's production or 1,500mz)	Specification: TS section 507	INSPECTIO TEST PLAN Project Name. NOC AWPTs 2022-2023
Draft NZTA T/24	Measurement	Visual and hand squeeze test	Measurement each	Weigh mat or tray	NZS 3122		Local weather stations	Local weather stations	Measurement	Daily Report	Survey		NZS 4402.4.1.3	NZTA T/19: 2020	NZS4407:3.8.1	NZS4407:3.14	NZS4407:3.4 - PI NZS4407:3.5 - CI NZS4407:3.6 - SE		Inspection / Test method	illed paseconise	023
To establish suitability of rollers and compaction mode / pattern	+15mm / -5mm from specified depth	Mixed material free of pockets or streaks. Overlaps minimum of 150mm	± 2.5% of specified rate	± 5% of specified rate	Conform to Specification		No spreading of cement / lime if it is raining or Local weather stations likely to rain before these can be mixed in with the material	Local weather stations Wind speed < 25 km/hr	Ambient Temperatures: Cement: > 5°C, Lime: > 10°C Material after stabilisation: BE: > 20°C, FB: > 20°C	Points covered in NZTA B/5	Document existing furniture		To determine target density	Dry ITS: 175kPa to 400 kPa Soaked ITS: 150 kPa to 350 kPa TSR ≥ 70%	Check if 50:50 blend of average existing (from TPs) and NZTA M/4 AP40 will meet the FBS grading.	\geq 70% more than two broken faces on aggregates between 37.5mm and 4.75mm	PI < 5 CI < 3 SE ≥ 40		Acceptance Oriteria		
Daily work Log	Daily work Log	Daily work Log	Daily work Log	Daily work Log	Certificate in contractor's site folder		Daily work Log	Daily work Log	Daily work Log	Daily Production Plan	Electronic survey files		IANZ Report	IANZ Report	Report using IANZ Reports for AP40 and TP PSDs	IANZ Report	IANZ Report		Record documents		
Contractor	Contractor	Contractor	Contractor	Contractor	Contractor		Contractor	Contractor	Contractor	Contractor	Contractor		Contractor	Contractor	Contractor to provide analysis	Contractor	Contractor		Responsibility		
													Required before Stabilisation comences	9	Designer to advise if "average" blend is acceptable.				Comments Engineer's	A	
									N. A.										Rep Contractor by	Prepared By: Deen Joseph Approved By: Derek Wisniewski	Lot Reference number: FBS01 Date submitted: 14-09-2022

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Inspection/flact	Contractor: Hegins Specification: T3 section 507	Construction Process: In-Situ Modified Basecourse		INSPECTIC	
Objected his	Approved By: Derek Wisniewski	Prepared By: Deen Joseph	Date submitted: 14-09-2022	Lot Reference number: FBS01	

	AGENCY						4		Date sublificed, 14-05-2022	77077
				Construction Process: In-Situ Modified Basecourse	lified Basecourse				Prepared By: Deen Joseph	loseph
Client's Rep	Client's Rep.: Nigel Green	Contractor: Higgins		Specification: TS section 507					Approved By: Derek Wisniewski	iewski
			inspe	nspection/Test					Checked by	
litem	Tesk/Adfulty/Description	Detail of Activity	Action (Hold, Monitor, Witness)	Minimum Test Frequency (Lot = 1 day's production or 1,500m2)	Inspection / Test method	Acceptance Criteria	Record documents	Responsibility		Date
1.3.7		Maximum Dry Density	Σ.	1 per day up to 3,000 m2, 1 per 2,000m2 thereafter	NZS 4402.4.1.3	For analysis of DoC	IANZ Report	Contractor		
1.3.8		Degree of Compaction	т	5 per 1,000m2	NZS 4407.4.2.1 (to 100mm and 200mm) and NZS 4407.4.2.2	Average DoC ≥ 98% Minimum DoC ≥ 95% Refer NZTA T/23	IANZ Report	Contractor		
1.3.9	Finished Pavement	Crossfall	н	every 20m	Measurement	± 0.5% of specified crossfall measure 2m apart	Survey	Contractor		
1.3.10		Stabilised width	Ξ	1 every 20m	Measurement	-20mm, +100mm	Survey	Contractor		
1.3.11		Surface Shape	Ξ	every 20m	Measurement	< 10mm using 3m straight edge	Survey	Contractor		
1.3.12		Surface Levels	I	every 20m	Measurement	-5mm, +15mm	Survey	Contractor		
1.3.13		Surface Finish	Ξ	PerLot	Visual	Larger aggregate held in pace with a matrix of smaller aggregate Smaller aggregate held in place by fine material materia	Survey	Contractor		
1.3.14		Degree of Saturation, DOS	н	5 per Lot	Measurement	DOS ≤ 80%	IANZ report	Contractor		
1.4. FINAL SIGN OFF	SIGN OFF									
1.4.1	Non-conforming results	Assessment of all test results for conformity	н	Each Lot	Site Inspection	Reporting of any non-conforming results to Designer via NCR	NCR	Engineer's Rep		
Client Final	Inspection - the signature below verifies the	Client Final Inspection - the signature below verifies that this ITP has been completed in accordance with the Specifications and verifies lot compliance.	ce with the	Specifications and verifies lot comp	liance.		н	Hold Point	Work Shall not proceed past the HP until released by the Eng. Rep.	
Contractor	Contractor's kep Name:		Signature:			Date:	8	Witness Point	An Inspection which must be witnessed by the Eng. Rep.	
Engineer's Rep. Name:	Rep. Name:		Signature:			Date:	Μ	Monitor Point	Intermittent monitoring of any stage of the work in progress by the Eng. Rep.	Rep.