

Client	Transport for New South Wales		Work Area:
Contract No.#		INSPECTION AND TEST PLAN FOR:	
Contract		R33 Trench Drains (Pavement Subsoils)	Inspection and Test Plan Number / Lot No:
Workplace Name	A183 - New Dubbo Bridge		ITC-09 R33 Trench Drains

Legend:	W =	= Witness	H = Hold	S = Surveillance	ACPL = Abergeldie						S/C = Subcontractor
		Document						Inspection			
Activity No.#	Description	Reference / Applicable Standard		eria	Frequency/ Process Held	S/C	ACPL	Client	Date	Verifying Records	
1. P	reliminary Works					ı					
1.1	IFC Drawings are Current	Pavement IFC Drawings	Use of latest revision of appr Any changes in design, RFI RFI		, ,	Once / Prior to Construction		S	S		Pavements IFC Drawing
1.2	Underlying lot conforming	Survey Report	Underlying/Preceding lot is c	conforming prior to comme	ncement including survey levels of underlying	Once / Prior to Construction		S	S		Test Results / Survey Report
2. N	laterial Compliance										
2.1	Corrugated Drainage Pipe and Rigid Strip Filter Drain	R33 CI 2.1	Corrugated plastic drainage Specification TfNSW 3552. Orecommendations.  Seamless tubular filter fabric with Specification TfNSW 3553.  Rigid strip filter drain must co	Once / Submitted to principal 7 prior to use		S	S		Compliance Records		
2.2	Geotextile	R33 CI 2.2	Geotextile must comply with  Geotextile for wrapping arou A	Once / Submitted to principal 7 prior to use		S	S		Compliance Records		
2.3	No Fines Concrete and Aggregate Filter Material	R33 CI 2.3 TfNSW 3580 D&C 3222 CI 6	No fines concrete must be G Aggregate filter material mus aggregate type.  Detail the mixing plant and d	Once / Submitted to principal 7 prior to use		н	Н		Mix Design & delivery methodology / Compliance Records		
2.4	Selected Material	R33 Cl2.4		outlets of pavements inter	cation TfNSW R44. Select material at batter face drains must, in addition, have a maximum	Once / Submitted to principal 7 prior to use		S	S		Compliance Records

Page 1 of 4



Legend:	W	= Witness	H = Hold									
		Document		Frequency/		Inspection	n – Sign & [	Date				
Activity No.#	Description	Reference / Applicable Standard		Acceptance Criteria				S/C	ACPL	Client	Date	Verifying Records
			Selected fill material for exceeding 20mm and F	the plug used in staged cons I not exceeding 12.								
3. C	Construction											
3.1	Order of Construction	R33 CI 3.1	completion of clearing, strip of embankment construction If trench drains are required completion of earthworks.	be installed in embankment for ping and general excavation on adjacent to the trench drain in cuttings, construct the trench is is to be stabilised, construct	operations, but prec n. ench drains as soon a	eding the commencement as practicable following	During construction		S	S		N/A
			approved by the principal.	ater is encountered, trench dr	•	·						
3.2	Excavation	R33 CI 3.2	the grade of the roadway is the trench.	Excavated material must either be stockpile or incorporated in the works or disposed of in accordance						S		Survey Report
3.3	Geotextile Installation	R33 CI 3.3	When installing geotextile, the excavation.  Keep all geotextiles clean a drawings on completion of	During construction		S	S		Visual Inspection			
3.4	Laying of Pipe	R33 CI 3.4	Lay the pipe in the centre of grade as shown on the draw Keep the number of joints is complying with the manufacture. Where an inlet into the trens above the hydraulic grade I Cap the upstream end of be material and is not connecture. Where the filter material are (a) for corrugated perforate	During Construction		S	S		Visual Inspection			

Page 2 of 4



Legend:	W =	= Witness	H = Hold S = Surveillance ACPL = Abergeldie									
		Document								n – Sign & D	ate	
Activity No.#	Description	Scription Reference / Applicable Acceptance Criteria Standard					Frequency/ Process Held	S/C	ACPL	Client	Date	Verifying Records
				ip filter drain, wrap the strip filter drain with non-woven geotextile of Strength Class A. The st encapsulate the rigid strip filter and be joined by heat or an electrically generated ss.								
3.5	Backfilling	R33 CI 3.5 TfNSW 3222 CI 7.1	Compact the filter materieven surface at the same Verification that pipe laying At the end of each days the days production of new terms of the same very surface at the same very surface to the same very surface to the same very surface ve	Backfilling		Н	Н		Visual Inspection			
4. 0	outlets and Marking											
4.1	Outlets at Stormwater Drainage Structures	R33 Cl 4.2	Where the outlet of the to height of the pipe invertigend 5 metres from the outlet of the total where a trench drain is dimmediately upstream of discharge of water. Fit the	Installation of Outlets at Stormwater Drainage Structures		S	S		Visual Inspection			
4.2	Outlets at Batters	R33 CI 4.3	Where it is not possible to structure, construct an orm.  The outlet pipe must be perforated for the length.  Lay the non-perforated so trench of the connecting. Backfill the trench along and compacted to a relational compacted to a relation of the construct a batter outlet outlet so that erosion of the splash zone.	Installation of Outlets at Batters		S	S		Visual Inspection			

Page 3 of 4





Legend: W = Witness			H = Hold	S = Surveillance	ACPL = Abergeldie						S/C = Subcontractor
		Document					Inspection – Sign & Date				Verifying Records
Activity No.#	Description	Reference / Applicable Standard		Acceptance Criteria	Acceptance Criteria				Client	Date	
4.3	Marking	R33 CI 6		ring construction, physically mark out on site the inlets and outlets of the subsurface drains, to avoid mage to them during construction.				S	S		Project Quality Plan

REVIEW BY PROJECT MANAGER										
Any non-conformances?	YES	□NO	Nos:		Closed Out	☐ YI	/ES	□NO		
All work has been satisfactorily com	pleted.		YES	□NO						
Name				Signature	Date					