

STANDARD SPECIFICATION FOR ROAD MAINTENANCE 2017

SCHEDULES

HOLD POINTS

WITNESS POINTS

STANDARD SPECIFICATION FOR ROAD MAINTENANCE

2016/2017

SCHEDULES

HOLD POINTS

WITNESS POINTS

PROJECT INFORMATION

Project Number;

RFT Number;

Project title;

.....
.....
.....

Superintendent;

Name;

Phone number;

Contact person (Project Manager/Officer)

Name;

Phone number;

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1. HOLD POINTS AND WITNESS POINTS SCHEDULES

1.1 SCHEDULE 1 - HOLD POINTS

Schedule 1 – Hold Points				
CLAUSE TITLE	SECTION	PAGE No	INITIALS	DATE
Misc. Provisions – As constructed information – Before the work commences provide a proposed procedure for recording and submitting the amended drawings	1.5.1	7		
Misc. Provisions - Camp Site/Compound/Workshop - Obtain written permission from the owner or lessee of the land. Provide a copy to the Superintendent	1.8.2	10		
Misc. Provisions - Explosives - Provide evidence of the following requirements of NT Worksafe: <ul style="list-style-type: none"> - License to carry and store explosives. - Vehicle license to carry explosives. - Shot Firer's certificate. Inspect and record the condition of all structures and services subject to possible effect by use of explosives before and after blasting operations	1.11	10		
Misc. Provisions – Extraction Areas and Water Sources - Provide copies of clearances and approvals to the Superintendent before commencing works	1.12	10		
Misc. Provisions – Work Health and Safety – WHS Management Plan - If the Act requires it, provide a copy of the site specific Work Health and Safety Management Plan (WHSMP) within 14 calendar days of award of contract. Do not commence work before the Superintendent has advised that the WHSMP is acceptable for use	1.15.2	13		
Misc. Provisions - Work On Railway Sites - Do not commence work until the work plan has been approved by the owner and operator of the rail system. Provide copies of the work plan and of the approval to carry out the works to the Superintendent. If work is required to be carried out within 3 m of the actual rail line, this work must be co-ordinated through the Superintendent	1.17	14		
Misc. Provisions - Work In The Vicinity Of Traffic Counting Stations - Prior to commencing any excavation, boring of holes, blasting, rock breaking, soil compaction or similar activity in the vicinity of traffic counter station detector loops, obtain the location of the cables	1.18	14		
Provision For Traffic – Traffic Management Plan - Submit the Traffic Management Plan, with the Traffic Control Diagrams prior to commencing the works	2.5.1	20		
Provision For Traffic - Work In Rural Areas - Undertake work during daylight hours only unless approval is given by the Superintendent for special circumstances	2.7	21		
Provision For Traffic - Work In Built Up Areas - Working Times - Obtain Superintendent's approval if proposing to work inside the hours from 0700 to 0900 or from 1530 to 1730.	2.8.1	21		
Provision For Traffic – Nt Specific Signs - Non-Standard Signs - Obtain specific approval from the Superintendent before using signs not included in AS 1742.3	2.10.4	23		

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Provision For Traffic – Nt Specific Signs - Temporary Speed Limits - Submit temporary speed limit authorisation applications to alter speed limits to the Superintendent, 2 working days prior to the implementation of temporary speed limits, for approval under the Control of Roads Act	2.10.8	24		
Provision For Traffic - Temporary Bridging – Obtain written approval from the Regional Manager, Road Projects prior to commencement of any such works	2.17	26		
Provision For Traffic - Temporary Bridging – Provide copies of approvals obtained by Contractor to the Superintendent prior to the commencement of the works.	2.17	26		
Provision For Traffic – Contractor’s Plant and Equipment – On roads carrying significant traffic, floodlight the road and area within 50 m of the site when working at night, if approved by the Superintendent, to a ground level luminance of 10 lux minimum.	2.18	26		
Provision For Traffic – Portable Traffic Signals - Temporary Speed Limits - Work zone speed limits require approval from the Superintendent prior to implementation	2.21.1	27		
Earthworks & Drainage – In Cut - Rock - Obtain agreement from the Superintendent to the extent of the excavation	3.5.2	29		
Earthworks & Drainage – In Cut - Unsuitable Material/Weathered rock - Obtain directions from the Superintendent before works commence	3.5.3	29		
Earthworks & Drainage – Removal of Excess Material - Obtain approval from Superintendent prior to hauling and dumping and spreading excess material	3.8	31		
Earthworks & Drainage - Conformance – Proof Rolling – Submit a proof rolling procedure to the Superintendent for approval including the method of preparing an area and the extent of proof rolling before commencing proof rolling	3.15.1	32		
Earthworks & Drainage - Conformance – Conformance Testing - Obtain the Superintendent’s approval of subgrade conformance prior to placing further material.	3.15.2	32		
Conformance Testing – Test Methods - The selected test methods must be approved by the Superintendent before testing is done.	4.4	33		
Conformance Testing – ITPs Submission - Submit: ITPs, detailing all procedures and test plans to be undertaken to complete the project, before commencing work.	4.5	33		
Conformance Testing – Stabilised Layer Conformance - Testing - Superintendent to approve conformance of stabilised layer prior to priming.	4.12.2	36		
Grading & Gravel Sheeting - Conformance - Proof Rolling Procedure – Submit a proof rolling procedure to the Superintendent for approval including the method of preparing an area and the extent of proof rolling.	5.10.2	49		
Grading & Gravel Sheeting – Conformance Testing - Obtain the Superintendent’s approval for pavement conformance prior to any surfacing work.	5.10.4	49		

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Stabilization Maintenance – Materials – Additives - Use additives only with the approval of the Superintendent.	6.4.2	54		
Stabilization Maintenance – In Situ Stabilization – Spreading - Assess spread rate based upon test results of materials to be stabilised. Obtain the Superintendent's approval of the spread rate.	6.5.4	54		
Stabilization Maintenance – In Situ Stabilization – Mixing – For small areas in remote locations obtain Superintendent's approval for use of alternative plant suitable for the particular situation, including rotary hoes and graders.	6.5.5	55		
Stabilization Maintenance – Stabilised Layer Conformance – Testing - Obtain the Superintendent's approval for conformance of the stabilised layer prior to priming.	6.7.2	56		
Spray Sealing - Application Spray Rates - Do not commence spraying until the spray rates are advised by the Superintendent.	7.14.3	62		
Spray Sealing - Application of Aggregate – Obtain approval from the Superintendent for use of the proposed aggregate loader before commencing aggregate loading operations.	7.15	63		
Bituminous Surface Maintenance – Temporary Patching - Temporary patching with aggregate and emulsion requires approval of the Superintendent. For such work, keep traffic off the patch until patch is stable.	8.5.2	71		
Bituminous Surface Maintenance - Spray Sealing – Areas Less Than 300 sq. m – Spraying – Do not commence spraying until the Superintendent is advised and gives approval to the proposed application spray rates.	8.15.2	78		
Bituminous Surface Maintenance - Spray Sealing – Areas Less Than 300 sq. m – Application of Aggregate – Obtain approval from the Superintendent for use of the proposed aggregate loader before commencing aggregate loading operations.	8.15.6	79		
Concrete Maintenance – Materials – Provide manufacturer's test certificates for quality of cement, aggregate and reinforcement.	9.3	82		
Concrete Maintenance – Chemical Admixtures - Do not use admixtures without obtaining prior written approval from the Superintendent.	9.3.5	82		
Concrete Maintenance – Reinforcement - Do not place concrete until the reinforcement has been inspected by the Superintendent.	9.3.6	82		
Concrete Maintenance – Handling and Placing - Provide verification that all constituent materials, formwork, falsework, reinforcement, and environmental conditions comply with all requirements. Do not cast any concrete without that verification.	9.9	83		
Concrete Maintenance – Existing Services – Obtain the Superintendent's approval before altering the line or level of existing services.	9.14	85		

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<p>Drainage Maintenance – Materials - Precast Reinforced Concrete Box Culverts - Provide drawings showing complete reinforcement and dimensions with tolerances and obtain the Superintendent's approval prior to fabricating any units. Provide manufacturer's certification that the provided culverts comply with the applicable sections of AS 5100.5 and with AS 1597. Certify that the design is reflected accurately by the shop drawings and that the design is adequate to resist all specified loads and the soil loads pertaining to the site.</p> <p>Provide a table of construction axle loads versus minimum required cover for each box culvert size.</p>	10.4.3	86		
Drainage Maintenance – Construction Of Culverts And Structures - Setting Out - Obtain the Superintendent's approval for the setting out before construction.	10.5.1	87		
Drainage Maintenance – Construction Of Culverts And Structures - Backfill – Do not place backfill against any in-situ concrete structure until the concrete has attained 80% characteristic strength and approval has been given.	10.5.10	88		
Drainage Maintenance – Subsoil Drains – Laying and Backfilling - Obtain Superintendent's approval of the pipe installation before backfilling.	10.10.5	89		
Protection Works Maintenance - Stone Pitching - Grouted Stone Pitching – Obtain Superintendent's approval before grouting.	11.6.2	92		
<p>Road Furniture Maintenance – Certification of Guide Posts - Provide certification that guide posts conform to the following:</p> <ul style="list-style-type: none"> – Where installed in normal working conditions, guide posts are capable of self-erecting after 10 impacts head on, from an average sedan travelling at 60 km/h. – After 2,000 hours of exposure in an Atlas Weatherometer the guide posts do not change colour by more than 10 points on a Delta E colour chart. – The guide post material has a minimum Vicat softening point of 120°C. – Physical testing as specified. – Resistant to termites. 	12.12.2	98		
Road Furniture Maintenance - Guide Post Characteristics – Provide a sample guide post from each batch purchased for this contract for approval before installing any guide posts.	12.12.3	98		
Road Furniture Maintenance - Road Signs – Manufacture, Supply & Delivery – Materials – Obtain Superintendent's approval for the use of the anti-graffiti films or coating products. Apply anti-graffiti products only to the new road signs specified by the Superintendent.	12.15.1	98 & 99		
Road Furniture Maintenance - Road Signs – Installation & Maintenance – Daily Log - Submit for Superintendent approval a suitably designed format for daily log books prior to commencing works under the Contract.	12.17.13	101		
Pavement Marking – Removal of Markings – Obtain approval from the Superintendent on the method used for line marking removal.	13.6.8	109		

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Schedule 1 – Hold Points				
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Landscape Maintenance - Materials - Imported Soils - Advise the name of the proposed supplier. Do not order soils without Superintendent's approval of the supplier.	14.11.3	115		
Landscape Maintenance - Materials - Mulch - Organic Mulch - Advise the name of the proposed supplier. Do not order mulch without Superintendent's approval of the supplier.	14.11.4	115		
Landscape Maintenance – Pruning – Pruning Operations – Do not prune branches exceeding a calliper size of 75 mm at trunk which overhang the road pavement without the approval of the Superintendent.	14.15.2	116		
Landscape Maintenance - Horticulturist – Replacement of Plants - If the same species of plant is not available the Horticulturist shall recommend a suitable replacement species with similar characteristics that is available, and submit to the Superintendent for approval.	14.17.2	117		
Landscape Maintenance – Control of pests and weed species – Herbicide - Submit a Weeds Management Plan for assessment and approval.	14.20.7	119		
Slashing & weed control – Bushfire prevention – Fire Fighter training – Provide evidence of qualifications before commencing slashing operations.	15.7.6	128		
Slashing & weed control – Weed control – Treatment program - Submit a Weeds Management Plan for assessment and approval.	15.9.2	129 & 130		
Slashing & weed control – Weed control – Herbicide selection - Provide a list of herbicides and chemicals intended for use during the contract to the Superintendent as part of the Weed Management Plan.	15.9.3	130		
Traffic Signal & ITS Maint – Material and software to be supplied by the Principal - Darwin – Collection of hardware - Within 7 days of award of the Contract, the Contractor shall collect such materials and take delivery of the materials at the Department's Yarrowonga shed / storage yard.	16.13.1	140		
Traffic Signal & ITS Maint – Specific maint – Signals & ITS – Audit Report Review. Within 5 days following the physical completion of a specific maintenance audit, the Contractor's representative shall arrange a time with a Traffic Section staff member to review the quality and content of the completed report prior to formal submission, and review any recommended follow up works that may be required on site.	16.22	150 & 151		
Traffic Signal & ITS Maint – TMP – Implementation of traffic management - Do not proceed with implementation of traffic management, or the commencement any works within the relevant road reserve without the TCD and TMP amendments (if necessary) being endorsed by Traffic Section staff or Road Operations staff, and any associated Temporary Speed Limit Authorisations (TSLA) being signed by the delegated person in the Department. In addition to this; if works are on a Council road, do not proceed without the relevant permits being issued, and a copy provided to Traffic Section staff.	16.29.2	161		

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Street Sweeping – Detergent – Provide product information details and SDS to Superintendent for approval of the detergent intended for use in the performance of the Contract prior to the commencement of the works.	17.9	180		
Protective Coatings – Protective coating specifications - Systems and approved products - Surface Preparation: To AS 1627.	20.2	195		
Protective Coatings – Protective coating specifications - Systems and approved products - Complete and submit Site testing of protective coatings: To AS 3894.10 and AS 3894.11 and AS 3894.12	20.2	195		
Protective Coatings – Surface preparation - Abrasive blasting – At the completion of the final blast and prior to coating application, the surface profile of each item shall be measured according to Method A, Profile Replicating Tape, of AS 3894.5. Provide documentary confirmation that the surface is suitable for the application of the specified coatings. This shall be identified as a Hold Point in the contractor's ITP.	20.9.2	197		
Protective Coatings - Surface preparation – Alternate surface preparation - Do not use forms of surface preparation other than abrasive blasting, such as bristle blaster, needle guns, power tool cleaning and hand tool cleaning, without written permission from the Superintendent. Alternate methods of surface preparation.	20.9.4	198		
Protective Coatings – Application of protective coatings - Coating – Provide coating manufacturers' written approval for use before using any other additives (eg promoters, accelerators etc).	20.10.2	198		
Protective Coatings - Application of protective coatings – Alternate coating - Do not use coating materials other than specified, without written permission from the Superintendent. Alternate coating materials must be included in the Contractor's ITP.	20.10.6	199		
Protective Coatings - Application of protective coatings – Coating Defects – Provide details of repairs required and procedures and processes proposed for making the repairs to the Superintendent prior to making any repairs. Any requirements for the repair of protective coatings shall be identified as a Hold Point in the contractor's ITP.	20.10.7	199		
Protective Coatings – ITP, JSA & SWMS - Provide ITPs, JSAs, a SWMS and other quality control procedures and documents to be used during protective coating systems application. These must be approved prior to commencement of work.	20.12	199		
Protective Coatings – Contractor records – Provide copies of all NCRs (Non Conformance Reports) immediately they are completed or received. The NCRs must detail the non-conformance and be accompanied by a Corrective Action Report (CAR) which is to detail the action proposed to be undertaken to rectify the non-conformance.	20.13	199		
Protective Coatings - Contractor records – Film thickness - Final acceptance of each increment of work will not be made until the dry film thickness meets or exceeds the specified thickness. Regardless of the number of coats specified, additional coats shall be applied as may be necessary to achieve the specified thickness, at the contractor's expense.	20.13.1	199		
Protective Coatings - Contractor records – Inspector- Provide the name and qualifications of the inspector prior to commencement of work.	20.13.2	200		

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1.2 SCHEDULE 2 - WITNESS POINTS

Schedule 2 – Witness Points				
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Miscellaneous Provisions - As Constructed Information – Provide amended versions of the information and drawings which reflect the as built conditions.	1.5	7		
Miscellaneous Provisions – Crushing & screening – Provide documentary evidence of the certification that the plant is fit for use issued by a competent person.	1.12.2	11		
Miscellaneous Provisions – Work Health & Safety - Safety Officer - Appoint a Safety Officer and notify the Superintendent of the officer's name.	1.15.1	13		
Miscellaneous Provisions – Submissions - Warranties - Provide the standard manufacturer's warranty. Name the Principal as the warrantee.	1.24.1	15		
Miscellaneous Provisions – Contractor's Environmental Management Plan (CEMP) - Submit details of procedures to protect the environment. Refer to the Standard Specification for Environmental Management. Submission of a Contractor's Environmental Management Plan (CEMP) may be required.	1.24.2	15		
Miscellaneous Provisions – Inspection Test Plans (ITPs) - Submit ITPs detailing all procedures and test plans to be undertaken.	1.24.3	15		
Miscellaneous Provisions – Project Control Plan (PCP) - Submit a project control plan for the project which sets out in detail all control procedures for the project. A framework Project Control Plan document is available at the Department's Specification Services webpage: https://infrastructure.nt.gov.au/specification-services/tenderers-contractors-consultants-assistance . This document is to be prepared by the Contractor and not a third party.	1.24.4	15		
Provision for Traffic - Traffic Control - The Superintendent must appraise all changes to the TMPs and TCDs prior to implementation of any changes, unless there is an urgent need for amendments to mitigate hazards. In situations where immediate hazard mitigation is necessary the changes may be implemented and the Superintendent advised of the changes as soon as practicable thereafter.	2.13	25		
Earthworks & Drainage – Conformance – Proof Rolling – Give the Superintendent not less than 24 hours' notice of the location and commencement time for the proof rolling.	3.15.1	32		
Conformance Testing - Notice Of Testing – Provide the Superintendent with a copy of the request for testing simultaneously with the request being sent to the Panel Period Contractor.	4.9	34		
Conformance Testing - Notice Of Testing – Notify the Superintendent prior to any rework of failed lots.	4.9	34		
Grading & Gravel Sheeting – Conformance - Proof Rolling Notice - Give the Superintendent not less than 24 hours' notice of the location and commencement time for the proof rolling.	5.10.3	49		
Spray sealing maintenance - Sampling of binder - Collection of samples - Take samples from the point of delivery on transfer from the bulker to the sprayer or as directed. Where transfer is for works in the urban area or for small works ensure that conformance testing is ordered and samples are taken at the point of transfer from bulker to sprayer.	7.10.5	60 & 61		

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Spray sealing maintenance - Spraying - Give the Superintendent 48 hours' notice of intention to spray bitumen.	7.14	61		
Spray sealing maintenance - Spraying - Preparation for sprayer run - Allow visual inspection when requested.	7.14.4	62		
Bituminous Surface Maintenance - Spray Sealing Areas <300sq m - Preparation For Sprayer Run - Allow visual inspection when requested.	8.15.3	78		
Concrete Maintenance – Formwork - Do not place concrete until the formwork has been inspected by the Superintendent.	9.8	83		
Concrete Maintenance – Handling & Placing – Give the Superintendent sufficient notice so that inspection may be made before and during pouring concrete.	9.9	83		
Drainage Maintenance – Materials - Precast Reinforced Concrete Box Culverts – Give the Superintendent notice prior to casting concrete.	10.4.3	86		
Drainage Maintenance - Construction Of Culverts And Structures – Excavate unsuitable material below specified level if directed by the Superintendent.	10.5.2	87		
Drainage Maintenance - Construction Of Culverts And Structures – Advise superintendent within two days when clean out is completed	10.5.9	88		
Drainage Maintenance - Construction Of Culverts And Structures - Backfill - Notify the Superintendent before backfilling where holes or fissures occur in rock trenches.	10.5.10	88		
Drainage Maintenance - Inlet and outlet channels - Advise superintendent within two days when clean out is completed	10.7	88		
Drainage Maintenance - Sub-soil drains - End walls - Advise superintendent within two days when clean out is completed	10.10.6	89		
Pavement Marking Maintenance – Contractor's Materials & Equipment – Provide documented evidence to show that spraying equipment has been calibrated in accordance with NTTM 405.1.	13.5	107		
Pavement Marking Maintenance – General – Obtain approval from the Superintendent for the type of equipment to be used for applying marking materials.	13.6.1	108		
Pavement Marking – Cold applied plastic materials – Materials - Provide evidence that all proprietary products such as epoxy or plastic products have demonstrated satisfactory field performance for a period of at least three years.	13.7.2	110		
Pavement Marking – Cold applied plastic materials – Application - Provide evidence that it has been applied in accordance with the Manufacturer's instructions.	13.7.3	110		
Landscape Maintenance - Materials - Imported Soils - Provide a 5kg sample of topsoil proposed for the works. Do not order soils without Superintendent's approval of the sample. Provide copies of delivery dockets for the topsoil delivered to site for the works.	14.11.3	115		

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Schedule 2 – Witness Points				
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Landscape Maintenance - Materials - Mulch - Organic Mulch - Provide a 5kg sample of mulch proposed for the works. Do not order mulch without Superintendent's approval of the sample. Provide copies of delivery dockets for the mulch delivered to site for the works.	14.11.4	115		
Landscape Maintenance – Irrigation Operation & Maintenance – System Shutdown - Advise the Superintendent of the full shut down and re-activation of irrigation systems.	14.25.5	121		
Landscape Maintenance – Irrigation Operation & Maintenance – Irrigation day and night cycle late in dry season - Advise the Superintendent of altered irrigation cycle times.	14.25.6	121		
Landscape Maintenance – Irrigation Operation & Maintenance – Reset irrigation timers during school holidays - Advise the Superintendent of such action taken.	14.25.7	121		
Slashing & Weed Control – Vegetation Control – Chemicals – Submit to the Superintendent the list of herbicides and other chemicals intended for use during the contract, details of vegetation controlled by the herbicide, and duration of control per treatment.	15.8.3	128		
Slashing & Weed Control – Vegetation Control – Chemicals – Provide copies of the permits.	15.8.3	128		
Traffic Signal & ITS Maint – Procedures calls and payments - Daily log books – Approval - Submit to the Superintendent's Representative for approval, a suitably designed format for an individual Site Log template prior to commencing works under the Contract – to be provided within 7 days of award of contract.	16.15.10	144		
Traffic Signal & ITS Maint – Specific Maintenance - Traffic Signals & ITS – Audit supervision. Following Traffic Section's direction to undertake a specific maintenance audit, the contractor shall coordinate with Traffic Section to arrange a suitable time to undertake the audit to allow supervision of the works to be scheduled if required by the Superintendent's Representative.	16.22	150 & 151		
Traffic Signal & ITS Maint – Supply & management of materials & equipment - Salvaged items – Following an incident where traffic signal equipment or ITS such as a signal pole and hardware, signal controller or CCTV camera has been severely damaged, provide adequate notice to allow for Superintendent's Representative to arrange inspection of the equipment prior to dismantling. If this is not possible due to the urgent nature of the situation, take photos of the equipment in its existing location, then relocate back to the contractor's storage yard without causing further damage, for inspection.	16.27.7	156		
Traffic Signal & ITS Maint - Supply & management of materials & equipment – Test controller – Test Controllers to be displayed in working operation to the Superintendent's Representative within 14 days of the contract being awarded.	16.27.8	156		
Traffic Signal & ITS Maint - Supply & management of materials & equipment – The Contractor shall provide and install a testing loop at the approved workshop within 14 days of this contract being awarded, for the purpose of testing detector cards.	16.27.9	156		

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Schedule 2 – Witness Points				
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Road & marine amenity maint. – Rubbish collection operations – Normal rubbish collection does not include illegal signage or abandoned vehicles or equipment, however, report these items to the Superintendent.	19.9.2	185		
Road & marine amenity maint. – Rubbish collection operations – Report to the Superintendent any occurrences of concrete spills, gravel, sand or soil on any trafficable surface.	19.9.2	185		
Road & marine amenity maint. – Rubbish removal - Deodorising rubbish bins – Use Nilodew granules as manufactured by Nilodor Inc. or equivalent as approved by the Superintendent.	19.10.3	186		
Road & marine amenity maint. – Rubbish removal - Illegal rubbish collection - Report to the Superintendent any occurrences of illegal rubbish dumping, vegetation dumping, concrete spills, gravel, sand or soil on any trafficable surface.	19.10.6	186		
Road & marine amenity maint. – Weeding - Chemicals - Submit to the Superintendent the list of chemicals intended for use during the contract, if herbicide is intended for use, details of pest species controlled by the chemicals, and life expectancy of control.	19.17.3	189		
Road & marine amenity maint. – Removal of abandoned vehicles - Service levels for vehicle removal – Report any vehicle suspected of being abandoned to the Superintendent within 24 hours of observation. When instructed by the Superintendent remove any vehicle that has been abandoned in compliance with NT Traffic Regulations Part 5 - Abandoned Vehicles.	19.26.1	192		
Protective coatings - Contractor's responsibilities - Provide documentary evidence of PCCP accreditation before commencing protective coatings work.	20.3	196		
Protective Coatings – Equipment – Give notice so that this test may be witnessed by the Superintendent or their nominated representative.	20.7.2	193		
Protective Coatings – Application of protective coatings – Coating - Provide copies of specifications for application of protective coatings from the manufacturers of the products used. Provide copies of manufacturers' product technical data sheets for all products used.	20.10.2	198		
Protective Coatings – Application of protective coatings – Coating Defects – This compatibility between marker and coating is to be confirmed by the coating manufacturer. Provide written evidence of this compatibility if requested by the Superintendent.	20.10.7	199		
Protective Coatings – Contractor Records – Maintain these reports on a daily basis. Submit them to the Superintendent when requested, or, if not specifically requested, at least weekly.	20.13	199		
Protective Coatings – Contractor Records – Film thickness – Provide and operate wet film and dry film thickness gauges of approved types to ensure the correct thickness of each coat and the full system is achieved. Provide details of the gauges proposed for use.	20.13.1	199		

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