PART M05 MAINTENANCE WORKS

Unless specified below, all works must be undertaken in accordance with Master Specification Part M05 Maintenance Works Edition Dec 2017.

|  |  |  |
| --- | --- | --- |
| ***Heading*** | ***Title***  | ***Details*** |
| 1. | GENERAL | *Applies**Applies (Exceeds with spec information)**Does Not Apply* |
| 2. | QUALITY REQUIREMENTS | *Specify the Maintenance Period* |
| 3. | ESTABLISHMENT AND MAINTENANCE PERIODS | *Specify the Establishment Period;*  |
| 4. | EMERGENCY RESPONSE |  |
| 5. | ROUTINE MAINTENANCE | *Outline if an activity or section of road is exempt from Routine Maintenance**Outline the contact details for the railway authority (if maintenance is to occur at railway crossings applies)* |
| 6. | SPECIFIC MAINTENANCE |  |
| 7. | ROUTINE MAINTENANCE AT RAILWAY CROSSINGS |  |
| 8. | MANDATORY RESOURCES |  |
| 9. | PREPARATION FOR RESEALS | *Outline if preparation of stack sites is included in routine maintenance* |
| 10. | HOLD POINTS |  |

PART M06 MAINTENANCE INSPECTION AND REPORTING

Unless specified below, all works must be undertaken in accordance with Master Specification Part M06 Maintenance Inspection and Reporting Edition Dec 2017.

|  |  |  |
| --- | --- | --- |
| ***Heading*** | ***Title***  | ***Details*** |
| 1. | GENERAL | *Applies**Applies (Exceeds with spec information)**Does Not Apply* |
| 2. | QUALITY REQUIREMENTS |  |
| 3. | INSPECTIONS | *Outline the requirement for asset inspections* |
| 4. | RECORDING AND REPORTING REQUIREMENTS |  |
| 5. | REPORTING OF THIRD PARTY CLAIMS |  |
| 6. | ROAD HIERARCHY | *Outline the assigned direction of any road(s) as per the DPTI RCS to 2 decimal places (eg: nearest 10 m)* |
| 7. | MAINTENANCE CODES |  |
| 8. | HOLD POINTS |  |

PART M11 MAINTENANCE GENERAL PROVISIONS

Unless specified below, all works must be undertaken in accordance with Master Specification Part M11 Maintenance General Provisions Edition Dec 2017.

|  |  |  |
| --- | --- | --- |
| ***Heading*** | ***Title***  | ***Details*** |
| 1. | PROGRAM OF WORK | *Applies**Applies (Exceeds with spec information)**Does Not Apply* |
| 2. | LIMITATIONS ON PROGRAMMING AND SEQUENCE OF WORK | *Outline any additional constraints or limitations on programming not covered elsewhere in the specs* |
| 3. | CO-ORDINATION OF WORK |  |
| 4. | WORKING DAYS AND HOURS OF WORK | *Outline the ordinary working days and customary working hours as well as any further requirements* |
| 5. | PROPRIETARY NAMES NOT TO BE DISPLAYED |  |
| 6. | MANUFACTURERS' INSTRUCTIONS | *Outline if works can be undertaken outside of the manufacturer’s instructions* |
| 7. | CONTRACTOR'S COMPOUND AND SUPERINTENDENT'S REQUIREMENTS | *Outline requirements for the contractor’s compound and superintendent requirements* |
| 8. | CONTRACTOR'S PERSONNEL | *Outline skill and experience requirements for Contractor personnel (including for replacement personnel)* |
| 9. | UTILITY SERVICES |  |
| 10. | PUBLIC ENQUIRIES |  |
| 11. | COUNCIL LIAISON | *Outline any council contact person(s) contact details* |
| 12. | ADVERTISING AND ELECTION BILLS ON ROAD RESERVE |  |
| 13. | FLOOD RESPONSIBILITY |  |
| 14. | CLEARANCES FROM LANDHOLDERS | *Outline if the contractor is not required to make arrangements necessary for access to private land* |
| 15. | MATERIALS | *Prescribe requirements for water that is not sourced from a SA Water Pipeline* |
| 16. | WEIGHING OF MATERIAL |  |
| 17. | TEST PROCEDURES |  |
| 18. | MEASUREMENT |  |
| 19. | PROTECTION OF THE WORKS AND REINSTATEMENT OF DAMAGE |  |
| 20. | WORK BY OTHERS |  |
| 21. | HOLD POINTS |  |
| 22. | VERIFICATION REQUIREMENTS AND RECORDS |  |

PART M50 MAINTENANCE ENVIRONMENTAL MANAGEMENT REQUIREMENTS

Unless specified below, all works must be undertaken in accordance with Master Specification Part M50 Maintenance Environmental Management Requirements Edition Dec 2017.

|  |  |  |
| --- | --- | --- |
| ***Heading*** | ***Title***  | ***Details*** |
| 1. | GENERAL | *Applies**Applies (Exceeds with spec information)**Does Not Apply* |
| 2. | ENVIRONMENTAL MANAGEMENT SYSTEM |  |
| 3. | CONTRACTOR’S ENVIRONMENTAL MANAGEMENT PLAN |  |
| 4. | ENVIRONMENTAL AUTHORISATIONS | *Outline any environmental authorisations obtained by DPTI/Principal* |
| 5. | ENVIRONMENTAL MANAGEMENT REPRESENTATIVE |  |
| 6. | TRAINING AND INDUCTION |  |
| 7. | MAINTENANCE ACTIVITY ZONE |  |
| 8. | MONITORING, AUDITING AND REPORTING |  |
| 9. | ENVIRONMENTAL INCIDENTS |  |
| 10. | HOLD POINTS |  |

PART M55 MAINTENANCE ENVIRONMENTAL PROTECTION ISSUES

Unless specified below, all works must be undertaken in accordance with Master Specification Part M55 Maintenance Environmental Protection Issues Edition Dec 2017.

|  |  |  |
| --- | --- | --- |
| ***Heading*** | ***Title***  | ***Details*** |
| 1. | GENERAL | *Applies**Applies (Exceeds with spec information)**Does Not Apply* |
| 2. | SITES OF HIGH ENVIRONMENTAL OR CULTURAL SIGNIFICANCE | *List any significant protect actions and requirements**Outline any actions that are to be taken in the instance of damage to a roadside significant site (a non-conformance)* |
| 3. | FLORA PROTECTION | *Detail the stacking sites where storage of material can occur**Outline if the Contractor can remove/disturb/damage vegetation or strip topsoil outside the MAZ* |
| 4. | WEED, PEST AND DISEASE CONTROL | *Outline if the Contractor is not required to control pests within the MAZ**List the known infestations of proclaimed pest plants and priority weeds* |
| 5. | WATER QUALITY PROTECTION, EROSION AND SEDIMENT CONTROL |  |
| 6. | CONSTRUCTION NOISE AND VIBRATION CONTROL |  |
| 7. | AIR QUALITY AND DUST SUPPRESSION |  |
| 8. | MATERIALS |  |
| 9. | WASTE MANAGEMENT |  |
| 10. | HOLD POINTS |  |

PART M61 MAINTENANCE DRAINAGE

Unless specified below, all works must be undertaken in accordance with Master Specification Part M61 Maintenance Drainage Edition Dec 2017.

|  |  |  |
| --- | --- | --- |
| ***Heading*** | ***Title***  | ***Details*** |
| 1. | GENERAL | *Applies**Applies (Exceeds with spec information)**Does Not Apply* |
| 2. | QUALITY REQUIREMENTS |  |
| 3. | RESPONSE TIMES |  |
| 4. | ADDITIONAL REQUIREMENTS |  |
| 5. | HOLD POINTS |  |

PART M62 MAINTENANCE PAVEMENT

Unless specified below, all works must be undertaken in accordance with Master Specification Part M62 Maintenance Pavement Edition Dec 2017.

|  |  |  |
| --- | --- | --- |
| ***Heading*** | ***Title***  | ***Details*** |
| 1. | GENERAL | *Applies**Applies (Exceeds with spec information)**Does Not Apply* |
| 2. | QUALITY REQUIREMENTS |  |
| 3. | RESPONSE TIME |  |
| 4. | RECORDS AND REPORTING |  |
| 5. | ADDITIONAL REQUIREMENTS | *Outline if 7 days notice prior to undertaking pavement work is appropriate* |
| 6. | HOLD POINTS |  |

PART M63 MAINTENANCE UNSEALED SURFACE

Unless specified below, all works must be undertaken in accordance with Master Specification Part M63 Maintenance Unsealed Surface Edition Dec 2017.

|  |  |  |
| --- | --- | --- |
| ***Heading*** | ***Title***  | ***Details*** |
| 1. | GENERAL | *Applies**Applies (Exceeds with spec information)**Does Not Apply* |
| 2. | QUALITY REQUIREMENTS | *Specify the Maintenance Period* |
| 3. | RESPONSE TIME |  |
| 4. | RECORDS AND REPORTING |  |
| 5. | MEASUREMENT |  |
| 6. | HOLD POINTS |  |

PART M64 MAINTENANCE ROAD SIDE FURNITURE

Unless specified below, all works must be undertaken in accordance with Master Specification Part M64 Maintenance Roadside Furniture Edition Dec 2017.

|  |  |  |
| --- | --- | --- |
| ***Heading*** | ***Title***  | ***Details*** |
| 1. | GENERAL | *Applies**Applies (Exceeds with spec information)**Does Not Apply* |
| 2. | QUALITY REQUIREMENTS | *Specify Maintenance Period* |
| 3. | RESPONSE TIMES | *Specify urban areas; Specify rural area* *Detail Schedule of Maintenance* |
| 4. | RECORDS AND REPORTING |  |
| 5. | ADDITIONAL REQUIREMENTS | *Outline the Schedule of Routine Maintenance Signs and audit requirements for reflectivity* |
| 6. | HOLD POINTS |  |
| 7. | ATTACHMENT M64A MAINTENANCE ACTIVITIES SAFETY BARRIER (FB / FG) |  |
| 8. | ATTACHMENT M64B MAINTENANCE ACTIVITIES DELINEATORS (FD / FP) |  |
| 9. | ATTACHMENT M64C MAINTENANCE ACTIVITIES SIGNS (FR / FS) | *Detail Signs as per Appendix 24; Specify luminance prescribed for new retro reflective sheeting.* |
| 10. | ATTACHMENT M64D MAINTENANCE ACTIVITIES FENCES (RF / RB) | *Specify road side rest areas* |
| 11. | ATTACHMENT M64E MAINTENANCE ACTIVITIES WIRE ROPE BARRIER (WR / WG) | *Detail the WRSB drawings and specification* |

PART M65 MAINTENANCE ROAD SIDE VEGETATION

Unless specified below, all works must be undertaken in accordance with Master Specification Part M65 Maintenance Road Side Vegetation Edition Dec 2017.

|  |  |  |
| --- | --- | --- |
| ***Heading*** | ***Title***  | ***Details*** |
| 1. | GENERAL | *Applies**Applies (Exceeds with spec information)**Does Not Apply* |
| 2. | QUALITY REQUIREMENTS | *Outline all roadside significant sites and their ‘protect action’ requirements* |
| 3. | RESPONSE TIMES |  |
| 4. | RECORDS AND REPORTING |  |
| 5. | ADDITIONAL REQUIREMENTS | *Detail the Maintenance Activity Zone* |
| 6. | HOLD POINTS |  |
| 7. | ATTACHMENT M65A MAINTENANCE ACTIVITIES MOWING (RM) | *Outline any additional edge trimming requirements* |
| 8. | ATTACHMENT M65B MAINTENANCE ACTIVITIES HERBICIDE TREATMENT (RS) | *Outline Herbicide Control measures as required**Provide herbicide schedule* |
| 9. | ATTACHMENT M65C MAINTENANCE ACTIVITIES VEGETATION CONTROL (RV/RR) | *Outline if vertical and lateral clearance requirements differ from that in Operational Instruction 20.1.* |

PART M66 MAINTENANCE ROAD USER AMENITIES

Unless specified below, all works must be undertaken in accordance with Master Specification Part M66 Maintenance Road User Amenities Edition Dec 2017.

|  |  |  |
| --- | --- | --- |
| ***Heading*** | ***Title***  | ***Details*** |
| 1. | GENERAL | *Applies**Applies (Exceeds with spec information)**Does Not Apply* |
| 2. | RESPONSE TIMES |  |
| 3. | RECORDS AND REPORTING |  |
| 4. | ADDITIONAL REQUIREMENTS |  |
| 5. | HOLD POINTS |  |

PART M67 MAINTENANCE ACCIDENT DAMAGE, VANDALISM AND EMERGENCY RESPONSE

Unless specified below, all works must be undertaken in accordance with Master Specification Part M67 Maintenance Accident Damage, Vandalism and Emergency Response Edition Dec 2017.

|  |  |  |
| --- | --- | --- |
| ***Heading*** | ***Title***  | ***Details*** |
| 1. | GENERAL | *Applies**Applies (Exceeds with spec information)**Does Not Apply* |
| 2. | QUALITY REQUIREMENTS |  |
| 3. | RESPONSE TIMES | *Outline the response time to attend an incident if different from 2 hours**Specify response time for removal of graffiti at intervention level (2 weeks or 2 hours)* |
| 4. | RECORDS AND REPORTING |  |
| 5. | ADDITIONAL REQUIREMENTS |  |
| 6. | HOLD POINTS |  |

PART M70 MAINTENANCE OF TRAFFIC SIGNALS AND ITS FIXTURES

Unless specified below, all works must be undertaken in accordance with Master Specification Part M70 Maintenance of Traffic Signals and ITS Fixtures Edition Dec 2017.

|  |  |  |
| --- | --- | --- |
| ***Heading*** | ***Title***  | ***Details*** |
| 1. | GENERAL | *Applies**Applies (Exceeds with spec information)**Does Not Apply* |
| 2. | DEFINITIONS | *Outline sites operating Stand Alone Electrical Advisory Lanterns**Outline Road Safety Camera and ITS device locations* |
| 3. | SUPPLY OF MATERIALS |  |
| 4. | QUALITY REQUIREMENTS |  |
| 5. | PROGRAM OF WORK | *Detail the required program of work* |
| 6. | TRAINING | *Detail Contractor ongoing training requirements* |
| 7. | DPTI PERMITS FOR WORKING ON ROADS |  |
| 8. | DESCRIPTION OF WORKS AND REQUIREMENTS | *Outline traffic signals and tram crossing sites**Disclose heavily trafficked sites and rail / tram crossing sites* |
| 9. | SCHEDULED MAINTENANCE OF CROSSINGS AND TRAFFIC SIGNALS |  |
| 10. | SCHEDULED MAINTENANCE OF ITS FIXTURES |  |
| 11. | SIGNAL OPERATION |  |
| 12. | DAMAGE, DEFECTS AND GENERAL CONDITION OF SITE |  |
| 13. | PROVISIONAL MAINTENANCE | *Detail signalised locations where lamp / LED failures reported* |
| 14. | RECORDS | *The forms outlined in this section must be completed and provided to the Contractor unless otherwise explicitly specified* |
| 15. | HOLD POINTS |  |

PART M80 MAINTENANCE & TENSIONING OF WIRE ROPE SAFETY BARRIER SYSTEMS

Unless specified below, all works must be undertaken in accordance with Master Specification Part M80 Maintenance and Tensioning of Wire Rope Safety Barrier Systems Edition Dec 2017.

|  |  |  |
| --- | --- | --- |
| ***Heading*** | ***Title***  | ***Details*** |
| 1. | GENERAL | *Applies**Applies (Exceeds with spec information)**Does Not Apply* |
| 2. | QUALITY REQUIREMENTS |  |
| 3. | REPLACEMENT OF WIRE ROPE SAFETY BARRIER SYSTEM COMPONENTS |  |
| 4. | MAINTENANCE OF WIRE ROPE SAFETY BARRIER | *Outline the timeframe requirements for tension verification (6 or 12 months) after the initial tensioning* |
| 5. | HOLD POINTS |  |
| 6. | VERIFICATION REQUIREMENTS AND RECORDS |  |
| 7. | APPENDIX 1: MAINTENANCE OF WRSB |  |
| 8. | APPENDIX 2: WRSB TEMPERATURE TENSION TABLE |  |
| 9. | APPENDIX 3: DETAILED INSPECTION CHECKLIST |  |