

ELECTRICAL MAINTENANCE SPECIFICATION E-530

OVERHEIGHT DETECTION SYSTEM (ODS) MAINTENANCE

1. OBJECTIVE

To ensure that overheight detection systems are operational and function in accordance with their design.

2. DETAILED PERFORMANCE SPECIFICATIONS

2.1 Routine Maintenance Services

The Contractor must:

- a) repair or replace ODS and their components that constitute or have the potential to constitute an immediate Safety Hazard to the highway user or cause a Traffic Disruption, and Respond within 1 hour;
- b) repair or replace ODS and their components that do not operate as per their original design intent but are not immediate Safety Hazards, and Respond on the next Work Day;
- c) repair or replace ODS and/or their components that operate as per the original design intent, do not create a Safety Hazard, and are structurally sound but have identified deficiencies, and Respond within 30 days;
- d) perform Preventative Maintenance every 12 months, with the exception of transmitter and receiver lens glass, which must be cleaned every 6 month, or as conditions warrant;
- e) test all ODS every 12 months;
- f) notify the RTMC of any malfunctioning ODS causing Traffic Disruption within 5 minutes from the time the malfunction was detected by or reported to the Contractor and notify the RTMC when repaired;
- g) remove or cover graffiti in accordance with the performance time frames listed in the *Highway Maintenance Specification – Litter Collection and Graffiti Removal*;
- h) document all activities related to electrical maintenance and operations of ODS including but not limited to field inspections; and
- i) Patrols, testing, complaints received / responses made, and all changes made to the ODS in a timely manner to the Province's satisfaction.

2.2 Materials

Refer to Article 3 of the Introduction to the Specifications.