

ELECTRICAL MAINTENANCE SPECIFICATION E-900

WEIGH SCALES

1. OBJECTIVE

To ensure weigh scale electrical infrastructure is operational and functions in accordance with their design and Ministry standards.

1.1 Excluded infrastructure

For clarity purposes, the following items are not included in the electrical maintenance service agreement and therefore are excluded from this performance specification:

- a) weigh scale buildings including all electrical components (interior and exterior building mounted lighting and power) and CCTV systems;
- b) weigh scale equipment including weight display sign;
- c) weigh in Motion (WIM), Automatic Vehicle Inspection (AVI) hardware and station computer equipment; and
- d) weigh2GoBC hardware and station computer equipment.

2. DETAILED PERFORMANCE SPECIFICATIONS

2.1 Routine Maintenance Services

The Contractor must:

- a) repair or replace weigh scale electrical infrastructure and 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 one hour;
- b) repair or replace weigh scale electrical infrastructure and components that do not operate as per their original design intent but are not immediate Safety Hazards, and Respond on the next Working Day;
- c) repair or replace weigh scale electrical infrastructure and 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) repair or replace main electrical service panel supplying power to electrical infrastructure maintained under this agreement as required;

- e) repair or replace ramp and parking lot lighting in accordance with electrical maintenance specification E-310;
- f) repair open close signs in accordance with electrical maintenance specification E-510;
- g) repair or replace electrical components of scale score boards (proceed, next axle, etc.) in accordance with electrical maintenance specifications E-510;
- h) perform Preventative Maintenance as required;
- i) service and maintain power and communication supplied to Weigh in Motion (WIM) equipment by the next Work Day;
- j) notify the RTMC of any malfunctioning scale equipment causing a Traffic Disruption within 5 minutes from the time the malfunction was detected by or reported to the Contractor and notify the RTMC when repaired;
- k) remove or cover graffiti in accordance with the performance time frames listed in the *Highway Maintenance Specification – Litter Collection and Graffiti Removal*; and
- l) document all activities related to electrical maintenance of weigh scale facility including but not limited to field inspections, Patrols, testing, complaints received / responses made, and all changes made to the equipment and operations in a timely manner to the Province's satisfaction.

2.2 Materials

Refer to Article 3 of the Introduction to the Specifications.