

ELECTRICAL MAINTENANCE SPECIFICATION E-420

PERMANENT TRAFFIC COUNT STATION MAINTENANCE

1. OBJECTIVE

To ensure that permanent traffic count stations are operational and function in accordance with their design and Ministry Standards.

A permanent count station is defined in the *AASHTO Guidelines for Traffic Data Programs, 2009* as a permanently installed counting or measuring device that is intended to operate continuously through-out the year.

2. DETAILED PERFORMANCE SPECIFICATIONS

2.1 Routine Maintenance Services

The Contractor must:

- a) repair or replace permanent traffic count stations and their components that constitute or have the potential to constitute a Safety Hazard to the highway and Respond user within 1 hour;
- b) repair or replace permanent traffic count stations and their components that create Traffic Disruptions and Respond within 1 hour;
- c) repair or replace permanent traffic count stations and their components that do not operate as per their original design but are not immediate Safety Hazards or causing Traffic Disruptions and Respond within 14 Working Days, except for failed traffic count loops which must be repaired or replaced. In which case the Contractor must Respond within 30 days subject to suitable weather conditions;
- d) repair or replace permanent traffic count stations and/or their components that do not create a Safety Hazard, do not cause Traffic Disruptions, and are structurally sound and collecting accurate traffic count and classification data but have identified deficiencies and Respond within 30 days;
- e) perform preventative maintenance as per the *Count Station Installation and Maintenance Guideline Manual* every 12 months;
- f) remove or cover graffiti in accordance with the performance time frames listed in the *Highway Maintenance Specification – Litter Collection and Graffiti Removal*; and
- g) document all activities related to electrical maintenance of permanent traffic counter stations 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.