

**B.C. MINISTRY OF TRANSPORTATION**

**SA06 – Local Area Specification #7**

**BRIDGE TRAVELLER MAINTENANCE**

**1. OBJECTIVE**

To ensure the continued safe, efficient and smooth operation of the Bridge travellers to meet Bridge inspection and maintenance requirements.

**2. GENERAL PERFORMANCE SPECIFICATIONS**

**2.1 Routine Maintenance Services**

All services for this Local Area Specification are Routine.

There is one Bridge in the Service Area that has travellers:

- i) Alex Fraser Bridge.

**2.2 Quantified Maintenance Services**

Not applicable to this Local Area Specification.

**3. DETAILED PERFORMANCE SPECIFICATIONS**

**3.1 Routine Maintenance Services**

The Contractor must:

- a) maintain and repair the Bridge travellers in accordance with the Province's and/or the manufacturer's manuals, as may be amended from time to time; the manuals are available on the following site: [http://www.th.gov.bc.ca/bchighways/contracts/maintenance/hwy\\_maint\\_area\\_info.htm](http://www.th.gov.bc.ca/bchighways/contracts/maintenance/hwy_maint_area_info.htm)

- b) undertake testing, certification, maintenance, repair and/or replacement of Bridge traveller components, including, but not limited to, the following:
  - i) all structural components;
  - ii) all electrical system components;
  - iii) all mechanical and hydraulic system components, including the tracks and guideways;
  - iv) all associated hardware; and
  - v) all means of accessing the traveller, including but not limited to safety lines, fall access to systems, hatches, ladders and walkways;

**Note:** If it is estimated by the Contractor and confirmed by the Bridge Structural Engineer, that at any particular time, the costs to repair or replace a traveller or associated components exceeds \$35,000, refer to Section G of the Introduction to the Maintenance Specifications.

### **3.1.1 Performance Time Frames**

The Contractor must:

- a) start maintenance, repair and/or replacement of any mechanical, electrical or hydraulic system components of a Bridge traveller within 36 hours of a defect being detected and complete the work within 21 days;
- b) complete inspection, testing and certification of Bridge travellers and associated components annually;
- c) complete routine maintenance of electrical, mechanical and hydraulic components in accordance with the Province's and/or manufacturer's maintenance manuals and/or schedules; and
- d) operate Bridge travellers at least monthly to ensure that the units are safe and in working condition.

### **3.2 Quantified Maintenance Services**

Not applicable to this Local Area Specification.

### **3.3 Materials**

The Contractor must supply and use materials in accordance with the Province's and/or manufacturer's maintenance manuals, or as proposed by the Contractor and approved in writing by the Province.

## **4. WARRANTY**

Not applicable to this Local Area Specification.