

B.C. MINISTRY OF TRANSPORTATION

SA04 – Local Area Specification #5

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 are two Bridges in the Service Area that have travellers:

- i) Lion's Gate Bridge;
- ii) Ironworkers' Memorial Second Narrows Crossing.

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 (which are available by contacting the District office), as may be amended from time to time;
- 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.